ACCESSIBILITY ASSESSMENT

prepared for

Pasadena Unified School District
740 West Woodbury Road
Altadena, California 91001
Don Cristobal



ADA TITLE II ASSESSMENT

OF

Marshall Fundamental School
990 Allen Avenue
Pasadena, California 91104

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December 18-20, 2023

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1 EXECUTIVE SUMMARY

1.1 SUMMARY OF FINDINGS

The Client contracted with Bureau Veritas to conduct a Title II Accessibility Assessment of Marshall Fundamental School. The purpose of this investigation and report is to provide the Client with accessibility recommendations concerning Marshall Fundamental School.

The site was visited on December 18-20, 2023. Weather conditions at the time of the on-site visit were clear, with temperatures in the 70s (°F) and negligible winds.

SIGNIFICANT ISSUES:

Significant barriers to accessibility are present at the amenities listed below. The issues prevent full accessibility at the amenity and are the most substantial non-compliant elements. Additional barriers may be present at the amenity. Further compliant detail is provided in Section 2 and Appendix B of the report.

Exterior

- An accessible route is not provided from Allen Avenue to the Main Entrance
- An accessible route is not provided to the sport facilities.
- The passenger loading zone does not have an accessible loading zone.

Interior

- Classroom and office vision lights are over 43'' above the floor but below 66''.
- The auditorium does not have accessible wheelchair spaces.
- The auditorium does not have a platform lift providing access to the stage.
- An accessible route is not provided to the dressing rooms serving the stage area.
- Ramps R-1 & R-2 in Building A have running slopes exceeding 8.33%.
- Staff restrooms are not accessible.

It is the responsibility of the owner to assess the requirement for barrier removal under Title I Employment, Title II State and Local Government Services, Title IV Telecommunications, Title V Miscellaneous of the ADA to create an accessible environment. Not all physical barriers identified in this report may need to be corrected. Some barriers may be the responsibility of others or can be corrected through programmatic change. It is incumbent upon the owner to initiate a transition planning process to outline which barrier will be corrected and when correction should take place. For further explanation, see Section 1.4, Scope of Work.

Each area of concern observed and identified by Bureau Veritas is detailed in this report, which includes Bureau Veritas's scope and methodology; ADA elements reviewed; individual observation details with recommendations and order of magnitude estimated costs; site plans with observation location data; and supporting materials.

1.2 ACCESSIBILITY SUMMARY TABLE

Based on the onsite review, Bureau Veritas found that barriers to accessibility exist at Marshall Fundamental School. The observed elements were analyzed using the 2010 ADA Standards for Accessible Design, state and local accessibility codes. The barriers are summarized in Section 2.1.

Bureau Veritas's assessment of the subject property identified the following areas of concern:

MARSHALL FUNDAMENTAL SCHOOL - TITLE II ACCESSIBILITY ASSESSMENT - ACCESSIBILITY SUMMARY

	Priority 1		Priority 2		Priority 3		Priority 4		Priority 5		Total	
Facility/Building	**Est. Cost**	**Items**	**Est. Cost**	**Items**	**Est. Cost**	**Items**	**Est. Cost**	**Items**	**Est. Cost**	**Items**	**Est. Cost**	**Items**
Marshall Fundamental School	**$97,988**	15	**$489,914**	100	**$329,786**	221	**$150,330**	65	**$1,625**	1	**$1,069,642**	404
Grand Total	**$97,988**	15	**$489,914**	100	**$329,786**	221	**$150,330**	65	**$1,625**	1	**$1,069,642**	404

Order of magnitude costs to address those elements are described individually in Appendix B.

1.3 PURPOSE

The purpose of this report is to assist the Client in evaluating the compliance of certain exterior and interior elements with the requirements of Title II of the Americans with Disabilities Act (ADA) and applicable state and local codes and regulations.

1.4 SCOPE OF WORK

ADA TITLE II ASSESSMENT

A Subject Matter Expert will visit the properties to assess the compliance of existing property improvements with the Title II provisions of the Americans with Disabilities Act (ADA) and applicable state requirements. Bureau Veritas then produces a report which identifies each facility's observed compliance issues and specific barriers, along with proposed remedies. Bureau Veritas endeavors to include all barriers within the defined scope of work area, however, some barriers may not be identified in the report. **Bureau Veritas provides order of magnitude cost estimates directly associated with each barrier but does not provide engineered construction documents or construction cost estimates of barrier removal.**

The field observer will review of the facility's common areas to observe and identify representative barriers to accessibility and formulate recommendations to remedy the physical barriers. As a part of the review, the field observer will meet with a property representative with specific knowledge of the facility to gain a clear understanding of overall features, public use patterns, and relevant historical data. The ADA covers both public areas and employee-only areas for Title II entities. For the purposes of this portfolio, all public features of the property will be subject to observation, as well as employee-only areas. Public areas will include but not be limited to parking lots, sidewalks, access ramps, and exterior and interior common areas accessible to the public.

Title II entities are obligated to remove barriers under the requirements of the ADA as follows:

Facilities constructed prior to January 26, 1992– elements that do not comply with the 2010 ADA Standards are not required to be made compliant, unless alteration to those elements takes place. If elements are altered, then compliance with the 2010 Standards is required.

Facilities constructed between January 26, 1992 and March 15, 2012 – were required to comply with 1991 ADA Standards when constructed. If full compliance with the 1991 ADA Standards was not achieved by March 15, 2012, then the facilities must comply with the 2010 Standards. If elements in compliance with the 1991 Standards were altered after March 15, 2012, then compliance with the 2010 Standards is required.

Facilities constructed on March 15, 2012 to present- new construction, additions and alterations must be fully compliant with the 2010 ADA Standards for Accessible Design.

Alterations and Additions-

Additions and alterations undertaken at existing facilities are covered by the 2010 ADA Standards for Accessible Design. The extent of application is largely determined by a project's scope of work as the standards apply to those elements or spaces that are altered or added. Additional requirements apply to projects that affect or could affect the usability of, or access to, an area containing a primary function.

Alterations are defined in the standards as "a change in a building or facility that affects or could affect the usability of a building or facility or portion thereof." Many types of projects are covered as "alterations," including remodeling, renovation, rehabilitation, reconstruction, restoration, resurfacing of circulation paths or vehicular ways, and changes or rearrangement of structural parts, elements, or walls. Normal maintenance, reroofing, painting or wallpapering, or changes to mechanical and electrical systems are not considered alterations unless they affect a facility's usability. For example, a project limited to an HVAC system that includes the addition of thermostats would affect a facility's usability because it involves elements (operable parts) covered by the standards. The Department of Justice has determined that restriping of parking lots is considered an alteration of the parking facility.

The standards ensure that the opportunities for accessibility presented by an alteration are taken. How and to what extent the standards apply is determined by the scope of a project and the elements and spaces altered. Only those elements or spaces altered are required to comply, but alterations made to areas containing a primary function (a major activity for which a facility is intended) also require an accessible path of travel.

If alterations are limited only to elements in a room or space, then the standards apply only to the elements altered. Similarly, where spaces are altered, the standards apply to those spaces that are altered. If a room or space is completely altered (or built new as part of an alteration), the entire room or space is fully subject to the standards. Compliance is required to the extent that it is technically feasible.

Projects that increase, expand, or extend a facility's gross floor area or height of a facility are considered additions and must comply with the requirements of the standards applicable to new construction. Existing elements and spaces affected by an addition are treated as alterations and qualify for certain allowances or exceptions that are not permitted in new construction.

Compliance in an alteration is not required where it is "technically infeasible." The term is defined as "something that has little likelihood of being accomplished because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements." Where technical infeasibility is encountered, compliance is still required to the maximum extent technically feasible.

FIELD OBSERVATION PROCESS

The field observer will first review documents and information provided by the owner or owner's representative that could supplement the consultant's knowledge of the subject property's physical improvements, extent and type of use, and/or assist in identifying barriers to accessibility.

During the site visit, the field observer will utilize a Survey Form that meets or exceeds the current ADAAG format, and will utilize a digital level, measuring tape, pressure gauge and digital camera. The field observer will identify and prioritize observed existing improvements which are not in accordance with the applicable ADA requirements in the order of preference as set out by the DOJ and refined by Bureau Veritas per client preferences. Typical priorities are as follows:

- Physical access to the property
- Access to areas of commerce or public accommodation

The Bureau Veritas team will assess exterior common areas and interior common areas that are defined as areas of public accommodation. Bureau Veritas will identify existing conditions that are not in accordance with the ADA Accessibility Guidelines, including the elements specified below (if applicable, where landlord is responsible for observed elements):

- Passenger loading zones
- Parking: van and standard car accessible stalls, signage, and markings
- Exterior accessible routes, including travel on vehicular ways, sidewalks and paths
- Ground and floor surfaces
- Curb ramps and other ramps: size, distance, slope, rails and surface finishes
- Interior accessible routes
- Exterior and interior stairs which are part of the means of egress
- Elevators and platform lifts (wheelchair lifts)
- Entrances and exits to common areas
- Handrails and grab bars
- Space allowance and reach ranges
- Restrooms
- Alarms (visual and audible) and warnings
- Signage- Braille, and visual characters
- Public telephones
- Switches and outlets

REPORT CONTENT

Bureau Veritas will deliver a consolidated AssetCalc™ database, which will be capable of exporting electronic (PDF) reports for each property surveyed which will include:

- Summary of Findings for all primary features (for example, parking stalls, curb ramps, paths of travel, restrooms);
- Individually recorded barriers
- Digital photos of observed barriers
- Geocode references for the location of observed exterior barriers
- Applicable ADA and state regulatory references
- Recommendations for viable corrective measures necessary to comply with regulations
- Order of magnitude cost estimates for each barrier

The estimates for the non-compliant items noted within this report are summarized in Section 2.1, and individual barrier details are provided in Appendix B.

1.5 HISTORIC AMENITIES

This property does not contain any amenities which are listed on the National Register of Historic Places or a state or local registry of historic elements.

1.6 BASIS FOR ORDER OF MAGNITUDE COSTS

Order of magnitude estimates are based on invoice or bid documents provided either by the Owner/facility and construction costs developed by construction resources such as *R.S. Means* and *Marshall & Swift,* Bureau Veritas's experience with past costs for similar properties, city cost indexes, and assumptions regarding future economic conditions. Typically, barrier removal allowances are based upon the removal of the specific element being evaluated (for example, parking stall, curb ramp, restroom). Architectural plans for renovation of areas requiring barrier removal or grading plans based on field surveys using land surveyor instrumentation could result in significantly different material quantities and subsequent higher project costs. Bureau Veritas has no control over the final scope of work, pricing methods, and costs associated with a contractor constructing the project. The opinion of estimated costs within this report cannot guarantee that the costs will accurately reflect the actual bids for construction.

1.7 CRITERIA FOR PRIORITY LEVELS

The scope of this assessment is limited to exterior site features and amenities, specifically accessible parking and exterior accessible pedestrian paths of travel to and from the amenities and features provided at each site. This includes parking, public transportation, retail, restaurant, office and industrial space, where applicable. As such, Bureau Veritas prioritized each of the captured barriers based on modified, published Department of Justice (DOJ) criteria focusing on the primary scope of work. Interior spaces such as common corridors, restrooms, kitchens and other interior elements along the common path of travel, such as water fountains, that are the responsibility of the property owner, are included.

The ADA also regulates employee work areas. Common corridors used by employees, employee restrooms, employee kitchens and employee break rooms are not considered "employee work areas." Those areas, even if used by employees only, shall comply with the ADA regulations which govern corridors, restrooms, kitchens and break rooms. The scope of this project does not include employee-only areas.

Per DOJ Guidelines, *people with disabilities should be able to arrive on the site, approach the building or facility and its amenities, and enter as freely as everyone else.*

Priority 1:

Accessible Van Parking – Access to a facility begins with accessible parking. Van accessible parking is deemed an important barrier for parking. Those with the most severe disabilities tend to require a van accessible space to accommodate their vehicle and mobility device. In addition, a minimum number of van accessible spaces is required. Barriers associated with the compliance of a van accessible space include signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of spaces.

Accessible Car Parking –Car accessible parking includes all barriers associated with the compliance of a car accessible space including signage, restriping, constructing or reconfiguring the pavement to accommodate the required number of accessible spaces.

Accessible Approach and Entrances – An entity providing accommodation to the public is required to take measures to provide access to a place of public accommodation from public sidewalks, parking, or public transportation. The DOJ and state building codes dictate the minimum width, cross and running slope, signage, and handrail requirements associated with pedestrian accessible routes of travel. These measures include, for example, installing an entrance ramp, correcting tripping hazards or lessening the slope of a curb ramp. At least one route of travel to each amenity or feature should be safe and accessible for everyone, including people with disabilities.

Priority 2: ***Elements along the Accessible Route-*** Barriers which occur along the path of travel shall be removed, where such a barrier removal is easily accomplishable. Examples include moving items within reach range, widening doors, installing accessible door hardware, and removing high-pile carpeting.

Priority 3: ***Restroom Facilities-*** Barrier removal may include widening of toilet stalls, installation of grab bars, replacement of sinks, and drinking fountains.

Priority 4: ***Access to All Other Features and Amenities –*** Measures are required to provide access to other areas. This priority is for items not required for basic access in the other three priorities.

Priority 5: Employee-Only Areas- Where employee-only areas are included in the assessment, employee only areas are designated as the lowest priority, as a method of placing public spaces as a higher priority for barrier removals.

2 ACCESSIBILITY

Generally, Title II of the Americans with Disabilities Act (ADA) prohibits discrimination by entities to access and use of the programs, services, and activities on the basis of disability. Regardless of their age, these areas and facilities must be maintained and operated to comply with the Americans with Disabilities Act Accessibility Guidelines (ADAAG), and applicable state and local accessibility regulations to the maximum extent possible for providing programmatic access.

The scope of the Accessibility Assessment, as defined in the scope of work, is limited to exterior and interior areas covered by the ADA, and applicable state and local accessibility codes.

2.1 BARRIER SUMMARY TABLE

The following table summarizes the barriers that were identified. The costs provided are order of magnitude estimates. Costs will vary depending upon the location and volume of work performed. Individual observation details may be found in Appendix B.

Barrier Summary Report

2/8/2024

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
422011	Marshall Fundamental School	BUILDING B	Amenity Not Evaluated	Amenity Not Evaluated	0	The amenity cannot be accessed and, therefore, cannot be evaluated.	B301	ADA	$0
421325	Marshall Fundamental School	BUILDING D	Amenity Not Evaluated	Amenity Not Evaluated	0	The amenity cannot be accessed and, therefore, cannot be evaluated.	Shower (D Building)	ADA	$0
421227	Marshall Fundamental School	BUILDING C	Entrance to Building	Building Entrance - Door	1	CALIFORNIA: The maneuvering clearance at the entry door is not compliant.	Library C150	California Accessibility Code	$125
420955	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Ramp	1	The accessible route to the facility has a stairway, which does not comply with vertical rise requirements.	Accessible Route to Main Entrance D-1	ADA	$49,620
420956	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Exterior Accessible Route	1	Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.	Walkway to Main Entrance D-1	ADA	$372
421229	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Exterior Accessible Route	1	Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.	Accessible Route from Parking Lot 1	ADA	$100
427758	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Ramp	1	CALIFORNIA: The exterior ramp railings are not compliant.	North Ramp - M Building	California Accessibility Code	$8,150
427767	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Ramp	1	CALIFORNIA: The ramp has running slopes and/or rises in excess of 1:12.	East Ramp B Building	California Accessibility Code	$16,550
431414	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Blended Transition	1	CALIFORNIA: The blended transition does not have a compliant detectable warning.	Accessible Route from Parking Lot 1	California Accessibility Code	$6,720
431953	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Ramp	1	CALIFORNIA: The ramp landings are not compliant.	East Ramp B Building	California Accessibility Code	$4,138
431954	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Ramp	1	CALIFORNIA: The ramp landings are not compliant.	North Ramp - M Building	California Accessibility Code	$4,965

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421234	Marshall Fundamental School	PARKING	Accessible Parking	Parking Space - Car	1	CALIFORNIA: Signage is not provided at the standard accessible space, or the existing signage is not compliant.	Accessible Parking Space P1-A	California Accessibility Code	$350
421235	Marshall Fundamental School	PARKING	Accessible Parking	Parking Space - Car	1	CALIFORNIA: The accessible route is located so that the disabled user is compelled to walk or wheel behind parked vehicles other than his or her own vehicle.	Accessible Parking Space P1-A	California Accessibility Code	$525
432311	Marshall Fundamental School	PARKING	Exterior Access Route	Loading/Unloading Zone	1	A compliant accessible route is not provided from the passenger loading/unloading zone to the public facility entrance.	Passenger Loading/Unloading Zone	ADA	$3,136
432312	Marshall Fundamental School	PARKING	Exterior Access Route	Curb Ramp	1	A curb ramp is not provided where the accessible route crosses a curb.	Passenger Loading/Unloading Zone	ADA	$2,188
431840	Marshall Fundamental School	PARKING	Accessible Parking	Parking Space-Van	1	CALIFORNIA: The van aisle markings are not compliant.	Access Aisle serving P1-A	California Accessibility Code	$525
432539	Marshall Fundamental School	PARKING	Accessible Parking	Parking Space-Car	1	CALIFORNIA: The car aisle markings are not compliant.	Access Aisle serving P1-B	California Accessibility Code	$525
420962	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Office A113	California Accessibility Code	$366
420963	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Workroom A128	ADA	$1,563
420972	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Workroom A128	ADA	$458
420984	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Main Office A115	ADA	$1,563

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
420985	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The door has less than 32" clear width.	A117	ADA	$3,250
420986	Marshall Fundamental School	BUILDING A	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Main Office A115	ADA	$910
420988	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The door has less than 32" clear width.	Office A115A	ADA	$3,250
420989	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The door has less than 32" clear width.	Office A113B	ADA	$3,250
420990	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Office A113B	ADA	$125
420991	Marshall Fundamental School	BUILDING A	Common Areas	Counter	2	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.	Main Office A115	ADA	$15,038
420995	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Main Office A115	California Accessibility Code	$366
421008	Marshall Fundamental School	BUILDING A	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Building A Hallway	ADA	$1,820
421009	Marshall Fundamental School	BUILDING A	Common Areas	Assembly Area	2	Assembly areas do not provide wheelchair spaces.	Auditorium A112	ADA	$5,666
421016	Marshall Fundamental School	BUILDING A	Interior Access Route	Sink	2	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Dressing Room A16	ADA	$900

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421021	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Dressing Room A16	ADA	$1,563
421024	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Auditorium Backstage	California Accessibility Code	$366
421028	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	A117	ADA	$69
421029	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Typical Offices & Classrooms	ADA	$65,000
421031	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Classroom A125	California Accessibility Code	$366
421032	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Typical Classrooms	ADA	$6,250
421034	Marshall Fundamental School	BUILDING A	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Classroom A130	ADA	$910
421035	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	Classroom A130	ADA	$69
421042	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The door has less than 32" clear width.	Staff Lounge A109	ADA	$6,500
421043	Marshall Fundamental School	BUILDING A	Interior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Staff Lounge A109	ADA	$625

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421046	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	Registrar A107	ADA	$69
421047	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Classroom A101	California Accessibility Code	$366
421049	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Office A18	ADA	$125
421050	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Building A Typical Offices	ADA	$1,250
421051	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Building A Typical Offices	ADA	$4,575
421052	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Office A18	ADA	$458
421053	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	Office A16	ADA	$69
421054	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Office A16	ADA	$125
421055	Marshall Fundamental School	BUILDING A	Interior Access Route	Interior Access Route	2	The interior accessible route has non-compliant slopes.	Office A16	ADA	$1,066
421056	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Office A18	ADA	$458

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421057	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Office A18	ADA	$458
421058	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	Office A17	ADA	$69
421059	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Office A17	ADA	$458
421060	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Office A17	ADA	$458
421061	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Office A17	ADA	$125
421062	Marshall Fundamental School	BUILDING A	Common Areas	Service Counter	2	CALIFORNIA: The service counter does not have 36" long section that is 34" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 36" long section that is 34" maximum above the finished floor, with knee and toe clearance oriented for a forward approach.	Office A006	State of California	$2,256
421063	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Office A006 - Offices	ADA	$500

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421077	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Classroom B10	ADA	$1,563
421078	Marshall Fundamental School	BUILDING A	Interior Access Route	Sink	2	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Classroom B10	ADA	$900
421090	Marshall Fundamental School	BUILDING A	Interior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Health Clerk B09	ADA	$250
421945	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The door has less than 32" clear width.	Ticket Booth (A Building)	ADA	$3,250
421947	Marshall Fundamental School	BUILDING A	Common Areas	Service Counter	2	CALIFORNIA: The service counter does not have 36" long section that is 34" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 36" long section that is 34" maximum above the finished floor, with knee and toe clearance oriented for a forward approach.	Ticket Booth (A Building)	State of California	$2,256
421948	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Dressing Room A15	ADA	$1,563
421949	Marshall Fundamental School	BUILDING A	Interior Access Route	Sink	2	The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).	Dressing Room A15	ADA	$900

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421953	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Dressing Room A15	ADA	$1,563
421954	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Classroom A219	California Accessibility Code	$366
421955	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Classroom A219	ADA	$125
421981	Marshall Fundamental School	BUILDING A	Interior Access Route	Ramp	2	The ramp running slope exceeds 1:12 (8.33%).	Ramp R-1 (2nd Floor A Building)	ADA	$12,413
421982	Marshall Fundamental School	BUILDING A	Interior Access Route	Ramp	2	The ramp running slope exceeds 1:12 (8.33%).	Ramp R-2 (2nd Floor A Building)	ADA	$12,413
431947	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	A117	ADA	$1,563
431948	Marshall Fundamental School	BUILDING A	Common Areas	Assembly Area	2	Assembly areas do not provide compliant aisle seats.	Auditorium A112	ADA	$5,784
431949	Marshall Fundamental School	BUILDING A	Exterior Access Route	Ramp	2	CALIFORNIA: The ramp railings are not compliant.	Auditorium A112	California Accessibility Code	$10,188
432540	Marshall Fundamental School	BUILDING A	Exterior Access Route	Exterior Accessible Route	2	CALIFORNIA: An accessible route is not provided to each functional area in the restaurant, cafeteria, banquet facility, bar or similar facility, including sunken, raised and outdoor areas.	Dressing Room A15 and Dressing Room A16	California Accessibility Code	$100,000
421999	Marshall Fundamental School	BUILDING B	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Building B Hallway	ADA	$2,730
422000	Marshall Fundamental School	BUILDING B	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Building B Typical Classrooms	ADA	$65,000

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
422002	Marshall Fundamental School	BUILDING B	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Building B Typical Classrooms	ADA	$1,563
422003	Marshall Fundamental School	BUILDING B	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Building B Typical Classrooms	ADA	$9,150
422004	Marshall Fundamental School	BUILDING B	Interior Access Route	Door	2	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Building B Typical Classrooms	ADA	$9,150
422007	Marshall Fundamental School	BUILDING B	Interior Access Route	Door	2	CALIFORNIA: The hardware at the accessible door is not compliant.	Classroom B123	California Accessibility Code	$366
421246	Marshall Fundamental School	BUILDING C	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	Classroom C151	ADA	$69
421247	Marshall Fundamental School	BUILDING C	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Classroom C151	ADA	$125
421249	Marshall Fundamental School	BUILDING C	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Library Offices	ADA	$250
421253	Marshall Fundamental School	BUILDING C	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Building C Typical Classrooms	ADA	$500
421260	Marshall Fundamental School	BUILDING C	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Building C Typical Classrooms	ADA	$1,830

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421274	Marshall Fundamental School	BUILDING C	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Classroom C156	ADA	$910
421275	Marshall Fundamental School	BUILDING C	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	Classroom C159	ADA	$69
421283	Marshall Fundamental School	BUILDING D	Common Areas	Locker Rooms	2	The locker rooms are not accessible.	Boys Locker Room	ADA	$7,500
421293	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The push side of the accessible door does not have the required maneuvering clearances.	Girl's Locker Room - Office	ADA	$125
421294	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Girl's Locker Room - Office	ADA	$3,250
421295	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Girl's Locker Room - Office	ADA	$1,563
421315	Marshall Fundamental School	BUILDING D	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	Girls PE Office D241	ADA	$69
421316	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Girls PE Office D241	ADA	$458
421317	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Girls PE Office D241	ADA	$125
421330	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The door has less than 32" clear width.	Building D Typical Classrooms	ADA	$9,750
421331	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Building D Typical Classrooms	ADA	$13,000

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421332	Marshall Fundamental School	BUILDING D	Interior Access Route	Signage	2	The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.	Building D Typical Classrooms	ADA	$275
421230	Marshall Fundamental School	BUILDING F	Interior Access Route	Signage	2	Means of egress signage does not have tactile lettering.	Cafeteria	ADA	$275
421231	Marshall Fundamental School	BUILDING F	Interior Access Route	Signage	2	The existing signage is not mounted at the latch side of the door or at a compliant height.	Cafeteria	ADA	$69
421233	Marshall Fundamental School	BUILDING F	Common Areas	Counter	2	The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.	Cafeteria	ADA	$3,759
421944	Marshall Fundamental School	BUILDING G	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Building G	ADA	$910
422013	Marshall Fundamental School	BUILDING M	Interior Access Route	Door	2	The bottom of the door vision light is higher than 43" and less than 66".	Building M Typical Classrooms	ADA	$9,750
422014	Marshall Fundamental School	BUILDING M	Entrance to Building	Building Entrance - Door	2	The bottom of the entry door vision light is higher than 43".	Building M Typical Classrooms	ADA	$16,250
422015	Marshall Fundamental School	BUILDING M	Entrance to Building	Building Entrance - Door	2	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Building M Typical Classrooms	ADA	$2,745
422017	Marshall Fundamental School	BUILDING M	Interior Access Route	Protruding Object	2	Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.	Building M Typical Classrooms	ADA	$2,730

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421922	Marshall Fundamental School	BUILDING M	Interior Access Route	Door	2	The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.	Referee - M Building	ADA	$458
421923	Marshall Fundamental School	BUILDING M	Interior Access Route	Door	2	The pull side of the accessible door does not have the required maneuvering clearances.	Referee - M Building	ADA	$125
420961	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Reach Range	2	Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.	Main Entrance D-1	ADA	$625
421236	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Curb Ramp	2	A curb ramp is not provided where the accessible route crosses a curb.	Accessible Route to Football Field Bleachers	ADA	$2,188
421237	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Football Field	Bleacher Seating	2	The required number of wheelchair spaces is not provided at the bleacher seating for the football field.	Football Field - Home	ADA	$328
421238	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Exterior Accessible Route	2	CALIFORNIA: The exterior accessible route has slopes in excess of maximum 1:20 (5%) running slope and/or maximum 1:48 (2.08)% cross slope.	Accessible Route to Football Field Bleachers	California Accessibility Code	$1,120
421239	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Football Field	Bleacher Seating	2	The required number of wheelchair spaces is not provided at the bleacher seating for the football field.	Football Field - Away	ADA	$131
421243	Marshall Fundamental School	SPORTS FACILITIES	Baseball/Softball Field	Player Seating	2	A wheelchair space is not provided at each team bench area at the ball field.	Baseball Field	ADA	$66
421244	Marshall Fundamental School	SPORTS FACILITIES	Exterior Access Route	Exterior Accessible Route	2	A compliant accessible route is not provided from the public access to the amenity.	Accessible Route to Softball Field	ADA	$13,440

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421245	Marshall Fundamental School	SPORTS FACILITIES	Baseball/Softball Field	Bleacher Seating	2	The wheelchair space is not the minimum required dimensions at the bleacher seating for the baseball field.	Softball Field	ADA	$538
431946	Marshall Fundamental School	SPORTS FACILITIES	Exterior Access Route	Exterior Accessible Route	2	A compliant accessible route is not provided from the public access to the amenity.	Baseball Field	ADA	$7,168
431841	Marshall Fundamental School	SPORTS FACILITIES	Exterior Access Route	Exterior Accessible Route	2	A compliant accessible route is not provided from the public access to the amenity.	Football Field Bleachers	ADA	$11,200
421203	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Staff Restroom RR-5	ADA	$1,563
421204	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The unisex restroom does not have compliant signage at the door.	Staff Restroom RR-5	California Accessibility Code	$138
421205	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff Restroom RR-5	ADA	$69
421206	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The door has less than 32" clear width.	Staff Restroom RR-5	ADA	$1,405
421207	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Staff Restroom RR-5	ADA	$458
421208	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Staff Restroom RR-5	ADA	$125
421209	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".	Staff Restroom RR-5	ADA	$125

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421210	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The side grab bar at the water closet is not compliant.	Staff Restroom RR-5	ADA	$444
421211	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Staff Restroom RR-5	California Accessibility Code	$233
421212	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff Restroom RR-5	ADA	$250
421213	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.	Staff Restroom RR-5	California Accessibility Code	$1,710
421214	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff Restroom RR-5	ADA	$81
421216	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Staff Restroom RR-6	California Accessibility Code	$350
421217	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Staff Restroom RR-6	ADA	$125
421218	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Staff Restroom RR-6	ADA	$1,563
421219	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory does not have the required clear floor space of minimum 30" by minimum 48".	Staff Restroom RR-6	ADA	$125
421220	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff Restroom RR-6	ADA	$81
421221	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff Restroom RR-6	ADA	$250
420964	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Women's Restroom - A Building	ADA	$125

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
420965	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Women's Restroom - A Building	ADA	$458
420966	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA- The water closet does not have the required clear floor space.	Women's Restroom - A Building	California Accessibility Code	$1,375
420967	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Women's Restroom - A Building	ADA	$444
420968	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.	Women's Restroom - A Building	California Accessibility Code	$1,710
420969	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The side grab bar at the water closet is not compliant.	Women's Restroom - A Building	ADA	$444
420970	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The toilet paper dispenser is not at a compliant location.	Women's Restroom - A Building	ADA	$350
420971	Marshall Fundamental School	BUILDING A	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Women's Restroom - A Building	ADA	$400
420974	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Men's Restroom - A Building 1st Floor	ADA	$125
420975	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Men's Restroom - A Building 1st Floor	ADA	$458

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
420976	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Men's Restroom - A Building 1st Floor	ADA	$458
420977	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA- The water closet does not have the required clear floor space.	Men's Restroom - A Building 1st Floor	California Accessibility Code	$1,375
420978	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Men's Restroom - A Building 1st Floor	ADA	$444
420979	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Men's Restroom - A Building 1st Floor	ADA	$81
420980	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Men's Restroom - A Building 1st Floor	ADA	$250
420981	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Men's Restroom - A Building 1st Floor	California Accessibility Code	$350
420982	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Men's Restroom - A Building 1st Floor	California Accessibility Code	$250
420983	Marshall Fundamental School	BUILDING A	Interior Access Route	Door	3	The push side of the accessible door does not have the required maneuvering clearances.	Staff Restroom - A Building 1st Floor	ADA	$1,563
420996	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The men's restroom does not have compliant signage at the door.	Boys Restroom - A Building	California Accessibility Code	$138
420997	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Boys Restroom - A Building	ADA	$69
420998	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Boys Restroom - A Building	ADA	$125

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
420999	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Boys Restroom - A Building	ADA	$81
421000	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Boys Restroom - A Building	California Accessibility Code	$500
421001	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Boys Restroom - A Building	ADA	$250
421002	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Urinal	3	The urinal dimensions are not compliant.	Boys Restroom - A Building	ADA	$1,169
421003	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom-Door	3	The wheelchair stall door is not self closing.	Boys Restroom - A Building	ADA	$366
421004	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Boys Restroom - A Building	California Accessibility Code	$350
421005	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Boys Restroom - A Building	ADA	$444
421006	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Toilet Stall	3	The ambulatory stall door is not compliant.	Boys Restroom - A Building	ADA	$625
421007	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Toilet Stall	3	The ambulatory stall size is not compliant, or an ambulatory stall is not provided.	Boys Restroom - A Building	ADA	$900
421019	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Dressing Room A16	ADA	$15,000
421020	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff Restroom RR-1	ADA	$15,000
421027	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff Restroom RR-2	ADA	$15,000
421030	Marshall Fundamental School	BUILDING A	Interior Access Route	Signage	3	The existing signage is not mounted at the latch side of the door or at a compliant height.	Faculty Restrooms	ADA	$69
421045	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff Restroom RR-3	ADA	$15,000

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421065	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The unisex restroom does not have compliant signage at the door.	Staff Restroom RR-4	California Accessibility Code	$138
421066	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Staff Restroom RR-4	ADA	$69
421067	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA- The water closet does not have the required clear floor space.	Staff Restroom RR-4	California Accessibility Code	$125
421068	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Staff Restroom RR-4	California Accessibility Code	$350
421069	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Staff Restroom RR-4	ADA	$125
421070	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff Restroom RR-4	ADA	$81
421071	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Staff Restroom RR-4	ADA	$250
421072	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff Restroom RR-4	ADA	$250
421073	Marshall Fundamental School	BUILDING A	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Staff Restroom RR-4	ADA	$400
421074	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Staff Restroom RR-4	ADA	$458

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421075	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Staff Restroom RR-4	ADA	$458
421076	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Staff Restroom RR-4	ADA	$125
421080	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The unisex restroom does not have compliant signage at the door.	Nurse B09A	California Accessibility Code	$138
421081	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Nurse B09A	ADA	$125
421082	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Nurse B09A	ADA	$458
421083	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Nurse B09A	ADA	$125
421084	Marshall Fundamental School	BUILDING A	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Nurse B09A	ADA	$400
421085	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA- The water closet does not have the required clear floor space.	Nurse B09A	California Accessibility Code	$1,375
421086	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Nurse B09A	California Accessibility Code	$350
421087	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.	Nurse B09A	ADA	$125

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421088	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Nurse B09A	ADA	$250
421089	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Nurse B09A	ADA	$81
421956	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-5	California Accessibility Code	$6,799
421957	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-6	California Accessibility Code	$6,799
421958	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The drinking fountain is not located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways.	Drinking Fountain DF-6	California Accessibility Code	$6,799
421959	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Men's Restroom RR-7	ADA	$69
421960	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Men's Restroom RR-7	ADA	$458
421961	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Men's Restroom RR-7	ADA	$458

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421962	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Men's Restroom RR-7	ADA	$1,563
421963	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Men's Restroom RR-7	ADA	$250
421964	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Men's Restroom RR-7	California Accessibility Code	$250
421965	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Men's Restroom RR-7	ADA	$250
421966	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA- The water closet does not have the required clear floor space.	Men's Restroom RR-7	California Accessibility Code	$1,375
421967	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Men's Restroom RR-7	ADA	$444
421968	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.	Men's Restroom RR-7	California Accessibility Code	$1,710
421969	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Men's Restroom RR-7	California Accessibility Code	$350
421970	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The women's restroom does not have compliant signage at the door.	Women's Restroom RR-8	California Accessibility Code	$138
421971	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Women's Restroom RR-8	ADA	$458

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421972	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Women's Restroom RR-8	ADA	$1,563
421973	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Women's Restroom RR-8	ADA	$458
421974	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Women's Restroom RR-8	California Accessibility Code	$350
421975	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Women's Restroom RR-8	California Accessibility Code	$233
421976	Marshall Fundamental School	BUILDING A	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Women's Restroom RR-8	ADA	$250
421977	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Women's Restroom RR-8	ADA	$81
421978	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Women's Restroom RR-8	ADA	$444
421979	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Water Closet	3	Projecting object above the grab bar is less than 12" minimum above the bar.	Women's Restroom RR-8	ADA	$400
421980	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Women's Restroom RR-8	ADA	$250
421983	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-7	California Accessibility Code	$6,799
431950	Marshall Fundamental School	BUILDING A	Interior Access Route	Platform Lift	3	CALIFORNIA: A platform lift is required but not provided.	Auditorium A112	California Accessibility Code	$28,156
431951	Marshall Fundamental School	BUILDING A	Locker and Dressing Rooms	Locker and Dressing Rooms	3	The locker room does not have a compliant bench.	Dressing Rooms A15 & A16	ADA	$1,973

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
431952	Marshall Fundamental School	BUILDING A	Restroom	Restroom/Bathroom-Lavatory	3	CALIFORNIA: The lavatory does not have the required knee and toe clearance.	Men's Restroom - A Building 1st Floor	California Accessibility Code	$900
421984	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Boys Restroom - B Building	ADA	$69
421985	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The men's restroom does not have compliant signage at the door.	Boys Restroom - B Building	California Accessibility Code	$138
421986	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Boys Restroom - B Building	ADA	$458
421987	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Boys Restroom - B Building	ADA	$900
421988	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Boys Restroom - B Building	ADA	$81
421989	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Boys Restroom - B Building	ADA	$625
421990	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Boys Restroom - B Building	California Accessibility Code	$350
421991	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Boys Restroom - B Building	ADA	$444
421993	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Girls Restroom - B Building	ADA	$458
421994	Marshall Fundamental School	BUILDING B	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Girls Restroom - B Building	California Accessibility Code	$233
421995	Marshall Fundamental School	BUILDING B	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Girls Restroom - B Building	ADA	$250

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421996	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Girls Restroom - B Building	California Accessibility Code	$350
421997	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Water Closet	3	The rear grab bar at the water closet is not compliant.	Girls Restroom - B Building	ADA	$444
421998	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Girls Restroom - B Building	ADA	$625
422001	Marshall Fundamental School	BUILDING B	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-1	California Accessibility Code	$6,799
422006	Marshall Fundamental School	BUILDING B	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-2 (B130)	California Accessibility Code	$6,799
422010	Marshall Fundamental School	BUILDING B	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff Restroom - B Building	ADA	$15,000
421250	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff C155	ADA	$69
421251	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff C157	ADA	$69
421252	Marshall Fundamental School	BUILDING C	Common Areas	Locker Rooms	3	The locker room does not have accessible lockers.	Building C	ADA	$2,064
421254	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Staff C155	ADA	$458
421255	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Staff C155	ADA	$1,563

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421256	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Staff C155	ADA	$250
421257	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff C155	ADA	$81
421258	Marshall Fundamental School	BUILDING C	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff C155	ADA	$250
421259	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Staff C155	ADA	$625
421261	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Staff C155	California Accessibility Code	$350
421262	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".	Staff C155	ADA	$125
421263	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Water Closet	3	The side grab bar at the water closet is not compliant.	Staff C155	ADA	$444
421264	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Staff C157	ADA	$458
421265	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Staff C157	ADA	$458
421266	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Staff C157	ADA	$125
421267	Marshall Fundamental School	BUILDING C	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff C157	ADA	$250
421268	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff C157	ADA	$81

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421269	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Staff C157	ADA	$250
421270	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Staff C157	ADA	$625
421271	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Staff C157	California Accessibility Code	$350
421272	Marshall Fundamental School	BUILDING C	Restroom	Restroom/Bathroom - Water Closet	3	The side grab bar at the water closet is not compliant.	Staff C157	ADA	$444
421276	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The door has less than 32" clear width.	Boys Locker Room Restroom	ADA	$1,405
421277	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Boys Locker Room Restroom	ADA	$69
421278	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Boys Locker Room Restroom	ADA	$1,563
421279	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Boys Locker Room Restroom	ADA	$458
421280	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Boys Locker Room Restroom	ADA	$81
421281	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory does not have the required knee clearance.	Boys Locker Room Restroom	ADA	$900
421282	Marshall Fundamental School	BUILDING D	Common Areas	Locker Rooms	3	The locker room does not have a compliant bench.	Boys Locker Room	ADA	$563
421284	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The men's restroom does not have compliant signage at the door.	Boys Locker Room - Staff	California Accessibility Code	$138

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421285	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Boys Locker Room - Staff	ADA	$69
421286	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Boys Locker Room - Staff	ADA	$458
421287	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Boys Locker Room - Staff	ADA	$458
421288	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory does not have the required clear floor space of minimum 30" by minimum 48".	Boys Locker Room - Staff	ADA	$125
421289	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory is mounted higher than 34" to the higher of the rim or counter.	Boys Locker Room - Staff	ADA	$900
421290	Marshall Fundamental School	BUILDING D	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Boys Locker Room - Staff	ADA	$250
421291	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Water Closet	3	The side grab bar at the water closet is not compliant.	Boys Locker Room - Staff	ADA	$444
421292	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Boys Locker Room - Staff	California Accessibility Code	$350
421297	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Girls Locker Room - Staff	ADA	$69
421298	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Girls Locker Room - Staff	ADA	$125

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421299	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Floor Space	3	The required turning space within the restroom is not provided.	Girls Locker Room - Staff	ADA	$125
421300	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	The lavatory does not have the required clear floor space of minimum 30" by minimum 48".	Girls Locker Room - Staff	ADA	$125
421301	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Girls Locker Room - Staff	ADA	$81
421302	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Girls Locker Room - Staff	California Accessibility Code	$350
421303	Marshall Fundamental School	BUILDING D	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Girls Locker Room - Staff	ADA	$250
421305	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	Girls Locker Room Restroom	ADA	$3,438
421306	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Floor Space	3	The required turning space within the restroom is not provided.	Girls Locker Room Restroom	ADA	$11,563
421307	Marshall Fundamental School	BUILDING D	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Girls Locker Room Restroom	ADA	$250
421308	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	CALIFORNIA: The lavatory does not have the required knee and toe clearance.	Girls Locker Room Restroom	California Accessibility Code	$900
421309	Marshall Fundamental School	BUILDING D	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Girls Locker Room Restroom	California Accessibility Code	$250
421310	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The push side of the door does not have the required maneuvering clearances.	Girls Locker Room Restroom	ADA	$1,563
421311	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The door has less than 32" clear width.	Girls Locker Room Restroom	ADA	$1,405

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421312	Marshall Fundamental School	BUILDING D	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Girls Locker Room	California Accessibility Code	$6,799
421313	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Girls Locker Room Restroom	ADA	$69
421314	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Girls Locker Room Restroom	ADA	$1,563
421318	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Staff Restroom (D Building, 2nd Floor)	ADA	$458
421319	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Staff Restroom (D Building, 2nd Floor)	ADA	$69
421320	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Staff Restroom (D Building, 2nd Floor)	ADA	$81
421321	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.	Staff Restroom (D Building, 2nd Floor)	ADA	$250
421322	Marshall Fundamental School	BUILDING D	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Staff Restroom (D Building, 2nd Floor)	ADA	$250
421323	Marshall Fundamental School	BUILDING D	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Staff Restroom (D Building, 2nd Floor)	California Accessibility Code	$250
421324	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Staff Restroom (D Building, 2nd Floor)	California Accessibility Code	$350

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Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421326	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The door has less than 32" clear width.	Men's Restroom D Building 2nd Floor	ADA	$1,405
421327	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Men's Restroom D Building 2nd Floor	ADA	$1,563
421328	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Men's Restroom D Building 2nd Floor	ADA	$15,000
421329	Marshall Fundamental School	BUILDING D	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff Unisex Restroom D Building 2nd Floor	ADA	$15,000
421232	Marshall Fundamental School	BUILDING F	Common Areas	Dining And Work Surface	3	CALIFORNIA: A compliant dining table is not provided.	Open Area Dining F100	California Accessibility Code	$8,125
421222	Marshall Fundamental School	BUILDING F	Common Areas	Dining And Work Surface	3	CALIFORNIA: A compliant dining table is not provided.	Cafeteria	California Accessibility Code	$4,875
421223	Marshall Fundamental School	BUILDING F	Restroom	Restroom/Bathroom - Signage	3	CALIFORNIA: The unisex restroom does not have compliant signage at the door.	Staff F109	California Accessibility Code	$138
421224	Marshall Fundamental School	BUILDING F	Restroom	Restroom/Bathroom - Signage	3	The provided signage is not mounted at the latch side of the door or at a compliant height.	Staff F109	ADA	$69
421225	Marshall Fundamental School	BUILDING F	Restroom	Restroom/Bathroom - Door	3	The door has less than 32" clear width.	Staff F109	ADA	$1,405
421226	Marshall Fundamental School	BUILDING F	Restroom	Restroom/Bathroom	3	The entire restroom is not compliant due to limited room dimensions.	Staff F109	ADA	$15,000
421924	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Girls Restroom - G Building	ADA	$69
421925	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Girls Restroom - G Building	ADA	$458

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421926	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Girls Restroom - G Building	ADA	$458
421927	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Girls Restroom - G Building	ADA	$1,563
421928	Marshall Fundamental School	BUILDING G	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Girls Restroom - G Building	ADA	$400
421929	Marshall Fundamental School	BUILDING G	Restroom	Controls And Dispensers	3	Controls on dispensers are not compliant.	Girls Restroom - G Building	ADA	$250
421930	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Girls Restroom - G Building	ADA	$81
421931	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Girls Restroom - G Building	ADA	$625
421932	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Water Closet	3	The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".	Girls Restroom - G Building	ADA	$125
421933	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Toilet Stall	3	The ambulatory stall door is not compliant.	Girls Restroom - G Building	ADA	$625
421934	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Girls Restroom - G Building	California Accessibility Code	$350
421935	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Signage	3	The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.	Boys Restroom - G Building	ADA	$69

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421936	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Boys Restroom - G Building	ADA	$458
421937	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Boys Restroom - G Building	ADA	$458
421938	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Door	3	The pull side of the accessible door does not have the required maneuvering clearances.	Boys Restroom - G Building	ADA	$1,563
421939	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Boys Restroom - G Building	ADA	$625
421940	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Boys Restroom - G Building	California Accessibility Code	$350
421941	Marshall Fundamental School	BUILDING G	Restroom	Restroom/Bathroom - Lavatory	3	Pipes are not insulated.	Boys Restroom - G Building	ADA	$81
421942	Marshall Fundamental School	BUILDING G	Restroom	Controls And Dispensers	3	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.	Boys Restroom - G Building	California Accessibility Code	$250
421943	Marshall Fundamental School	BUILDING G	Interior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Drinking Fountain DF-1 (G Building)	California Accessibility Code	$6,799
421913	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Gymnasium - Boys Restroom	ADA	$458
421914	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Door	3	The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.	Gymnasium - Boys Restroom	ADA	$458
421915	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Gymnasium - Boys Restroom	California Accessibility Code	$350

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421916	Marshall Fundamental School	BUILDING M	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Gymnasium - Boys Restroom	ADA	$400
421917	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Door	3	The force required to open the interior, hinged, non-fire door is more than 5 pounds.	Gymnasium - Girls Restroom	ADA	$458
421918	Marshall Fundamental School	BUILDING M	Restroom	Protruding Object	3	The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.	Gymnasium - Girls Restroom	ADA	$1,600
421919	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Toilet Stall	3	The wheelchair stall door is not compliant.	Gymnasium - Girls Restroom	ADA	$625
421920	Marshall Fundamental School	BUILDING M	Restroom	Restroom/Bathroom - Water Closet	3	CALIFORNIA: The toilet paper dispenser is not compliant.	Gymnasium - Girls Restroom	California Accessibility Code	$700
431945	Marshall Fundamental School	SPORTS FACILITIES	Exterior Access Route	Drinking Fountain/Water Cooler	3	CALIFORNIA: The minimum number of drinking fountains is not provided.	Baseball Field	California Accessibility Code	$3,132
421215	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain DF-4	ADA	$4,698
420973	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Workroom A128	ADA	$281
420987	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Main Office A115	ADA	$281

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421010	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Auditorium A112 North Stairs	California Accessibility Code	$1,630
421011	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Auditorium A112 North Stairs	California Accessibility Code	$815
421012	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Auditorium A112 North Stairs	California Accessibility Code	$308
421013	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Auditorium A112 South Stairs	California Accessibility Code	$308
421014	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Auditorium A112 South Stairs	California Accessibility Code	$815
421015	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Auditorium A112 South Stairs	California Accessibility Code	$1,630
421017	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Dressing Room A16	ADA	$563
421018	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	The height of controls throughout the common area are not compliant.	Dressing Room A16	ADA	$1,250
421022	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Dressing Room A16	California Accessibility Code	$2,241
421023	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Dressing Room A16	California Accessibility Code	$611

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421025	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Auditorium Backstage	California Accessibility Code	$1,426
421026	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Auditorium Backstage	California Accessibility Code	$308
421033	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Typical Classrooms	ADA	$2,813
421036	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair 6	California Accessibility Code	$408
421037	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair 6	California Accessibility Code	$2,649
421038	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair 6	ADA	$8,128
421039	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain DF-1	ADA	$4,698
421040	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair 5	California Accessibility Code	$1,223

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
421041	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain DF-2	ADA	$4,698
421048	Marshall Fundamental School	BUILDING A	Interior Access Route	Drinking Fountain/Water Cooler	4	The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.	Drinking Fountain DF-3	ADA	$4,698
421064	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair 2	California Accessibility Code	$1,223
421079	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	The height of controls throughout the common area are not compliant.	Classroom B10	ADA	$625
422008	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair 1	California Accessibility Code	$1,223
421946	Marshall Fundamental School	BUILDING A	Interior Access Route	Turning Space	4	A compliant turning space is not provided.	Ticket Booth (A Building)	ADA	$280
421950	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	The height of controls throughout the common area are not compliant.	Dressing Room A15	ADA	$1,250
421951	Marshall Fundamental School	BUILDING A	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Dressing Room A15	ADA	$281
421952	Marshall Fundamental School	BUILDING A	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Dressing Room A15	California Accessibility Code	$3,260
421992	Marshall Fundamental School	BUILDING B	Accessible Route	Controls And Dispensers	4	CALIFORNIA: The location of electrical controls are not compliant.	Boys Restroom - B Building	California Accessibility Code	$625

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
422005	Marshall Fundamental School	BUILDING B	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Building B Typical Classrooms	ADA	$5,625
422009	Marshall Fundamental School	BUILDING B	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair 3 Building B	California Accessibility Code	$2,038
422012	Marshall Fundamental School	BUILDING B	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair ST-2 Building B	California Accessibility Code	$1,223
421248	Marshall Fundamental School	BUILDING C	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Classroom C151	ADA	$281
421273	Marshall Fundamental School	BUILDING C	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Building C Typical Classrooms	ADA	$563
421296	Marshall Fundamental School	BUILDING D	Interior Access Route	Turning Space	4	A compliant turning space is not provided.	Girl's Locker Room - Office	ADA	$3,125
421333	Marshall Fundamental School	BUILDING D	Interior Access Route	Stairs	4	CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stair ST-1 (Building D)	California Accessibility Code	$660
421334	Marshall Fundamental School	BUILDING D	Interior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair ST-1 (Building D)	California Accessibility Code	$2,038
421335	Marshall Fundamental School	BUILDING D	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair ST-2 (Building D)	California Accessibility Code	$2,853
421336	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	4	CALIFORNIA: The hardware at the accessible door is not compliant.	Stair ST-2 (Building D)	California Accessibility Code	$733
421337	Marshall Fundamental School	BUILDING D	Interior Access Route	Door	4	The bottom of the door vision light is higher than 43" and less than 66".	Stair ST-2 (Building D)	ADA	$3,250

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
427759	Marshall Fundamental School	BUILDING D	Interior Access Route	Stairs	4	CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Small Gym - East Stairs	California Accessibility Code	$616
427760	Marshall Fundamental School	BUILDING D	Interior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Small Gym - East Stairs	California Accessibility Code	$3,260
422016	Marshall Fundamental School	BUILDING M	Interior Access Route	Controls And Dispensers	4	Controls throughout the common area are not compliant.	Building M Typical Classrooms	ADA	$844
420949	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair ST-1	ADA	$6,694
420950	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stair ST-1	California Accessibility Code	$220
420951	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair ST-1	California Accessibility Code	$1,223
420952	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair ST-2	ADA	$6,694
420953	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stair ST-2	California Accessibility Code	$220

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
420954	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Stair ST-2	California Accessibility Code	$1,223
420957	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stair ST-3	California Accessibility Code	$352
420958	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Stair ST-3	ADA	$19,125
420959	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stair ST-4	California Accessibility Code	$176
420960	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair ST-4	California Accessibility Code	$5,705
421242	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Drinking Fountain/Water Cooler	4	Knee and toe clearance is not provided at the lower level fountain.	Baseball Field	ADA	$3,131
420993	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Stair ST-5	California Accessibility Code	$6,113
420994	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Access Route	Guards	4	CALIFORNIA: Guards are not compliant or are not provided where required.	Stair ST-5	California Accessibility Code	$6,113
427761	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Small Gym - North Stairs	California Accessibility Code	$88

Total Barriers: 404, Total Cost: $1,069,642

Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	Location Description	ADA	Total
427762	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: Handrails are not compliant or are not provided.	Small Gym - North Stairs	California Accessibility Code	$408
427763	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Small Gym - North Stairs	ADA	$2,008
427764	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The stair handrail extensions are not compliant.	Small Gym - South Stairs	California Accessibility Code	$1,223
427765	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Small Gym - North Stairs	California Accessibility Code	$352
427766	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	Steps do not have uniform and compliant riser heights and/or tread depths.	Small Gym - North Stairs	ADA	$6,694
427768	Marshall Fundamental School	EXTERIOR ACCESSIBLE ROUTE	Exterior Access Route	Stairs	4	CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.	Stairs at East Ramp B Building	California Accessibility Code	$220
421044	Marshall Fundamental School	BUILDING A	Common Areas	Dining And Work Surface	5	CALIFORNIA: A compliant dining table is not provided.	Staff Lounge A109	California Accessibility Code	$1,625

Total Barriers: 404, Total Cost: $1,069,642

3 CERTIFICATION

Bureau Veritas has completed a Title II Accessibility Assessment of the subject property, Marshall Fundamental School, 990 Allen Avenue, Pasadena, California 91104. The site was visited on December 18-20, 2023.

The assessment was performed at the Client's request using methods and procedures consistent with good commercial and customary practice for assessing compliance with the Title II provisions of the Americans with Disabilities Act (ADA) and applicable state and local requirements.

This report has been prepared for and is exclusively for the use and benefit of the Client identified on the cover page of this report. The purpose for which this report shall be used shall be limited to the use as stated in the contract between the client and Bureau Veritas.

This report, or any of the information contained therein, is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of Bureau Veritas. Any reuse or distribution without such consent shall be at the client's or recipient's sole risk, without liability to Bureau Veritas.

The opinions Bureau Veritas expresses in this report were formed utilizing the degree of skill and care ordinarily exercised by an architect or engineer in the same community under similar circumstances. Bureau Veritas assumes no responsibility or liability for the accuracy of information contained in this report which has been obtained from the Client or the Client's representatives, from other interested parties, or from the public domain. The conclusions presented represent Bureau Veritas's professional judgment based on information obtained during the course of this assignment. The conclusions presented are based on the data provided, observations made, and conditions that existed specifically on the date of the assessment.

Bureau Veritas certifies that Bureau Veritas has no undisclosed interest in the subject property, Bureau Veritas's relationship with the Client is at arm's-length, and that Bureau Veritas's employment and compensation are not contingent upon the findings or order of magnitude estimated costs to remove barriers.

If you have any questions regarding this report, please contact Program Manager Michael Cunniff at Michael.Cunniff@bureauveritas.com or at (800) 766-0660, x7296214.

Prepared by: Ja'Vondrick Orange
Field Observer

Reviewed by: Justin Vang

Justin Vang
Justin.Vang@bureauveritas.com

4 APPENDICES

APPENDIX A: SITE AND FLOOR PLANS

APPENDIX B: RECORD OF INDIVIDUAL BARRIERS

APPENDIX A:
SITE AND FLOOR PLANS

Site Plan



Parking Lot 1
47 Total Spaces
Required: 1 Van & 1 Standard Accessible Spaces
Provided: 1 Van & 2 Standard Accessible Spaces

Parking Lot 2
73 Total Spaces
Required: 1 Van & 2 Standard Accessible Spaces
Provided: 2 Van & 2 Standard Accessible Spaces

Source:
Google

Legend:
P#-# - Accessible Parking Space
CR-# - Curb Ramp
ST-# - Stair
D-# - Door

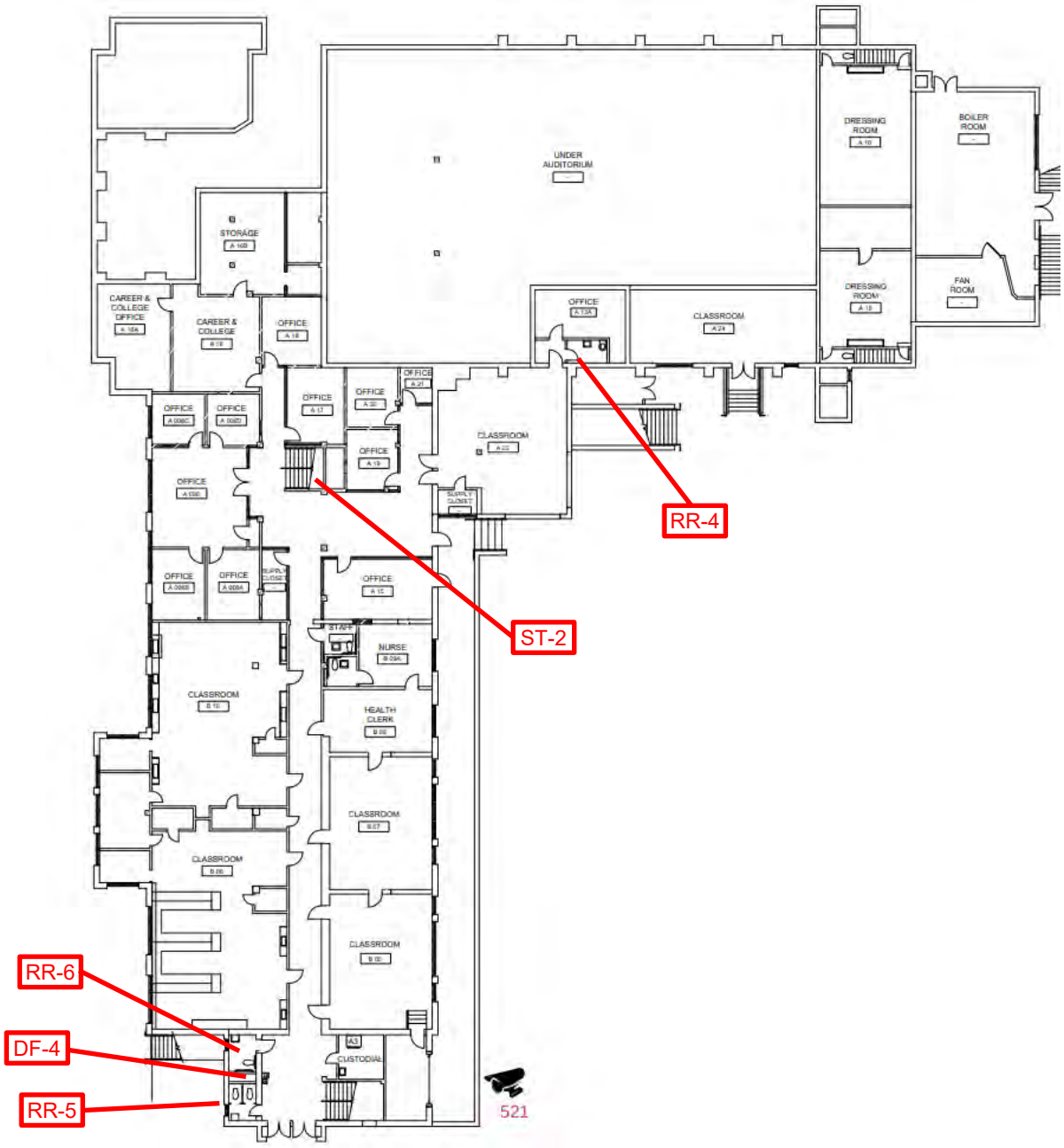
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building A Basement Area A



Source:

Pasadena Unified School District

Legend:

RR-# - Restroom
DF-# - Drinking Fountain
ST-# - Stair

The north arrow indicator is an approximation of 0° North.

Project Number:

164633.23R000-003.303

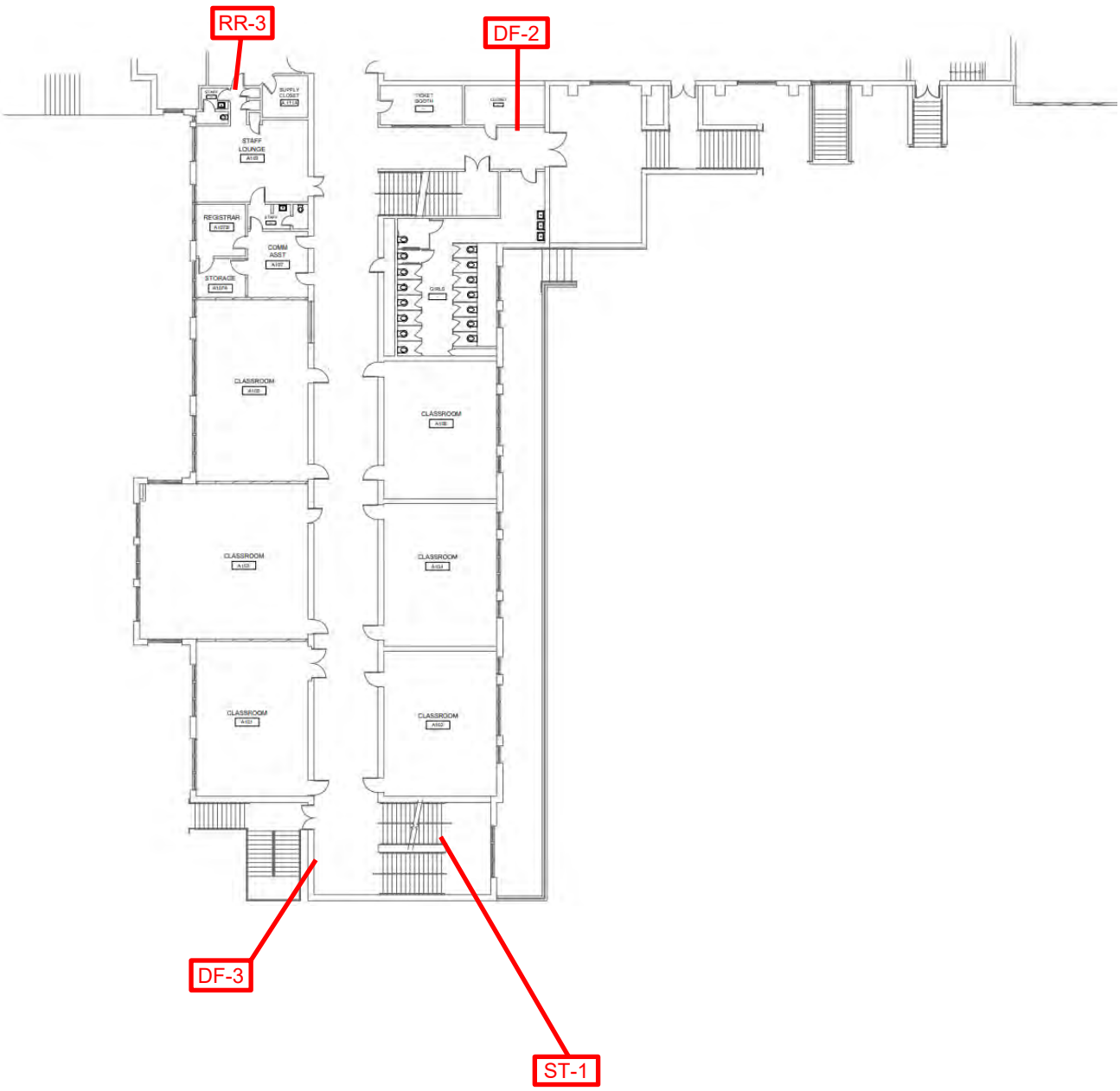
Project Name:

Marshall Fundamental School

On-Site Date:

December 18-20, 2023

Floor Plan – Building A 1st Floor South



Source:

Pasadena Unified School District

Legend:

RR-# - Restroom
DF-# - Drinking Fountain
ST-# - Stair

The north arrow indicator is an approximation of 0° North.

Project Number:

164633.23R000-003.303

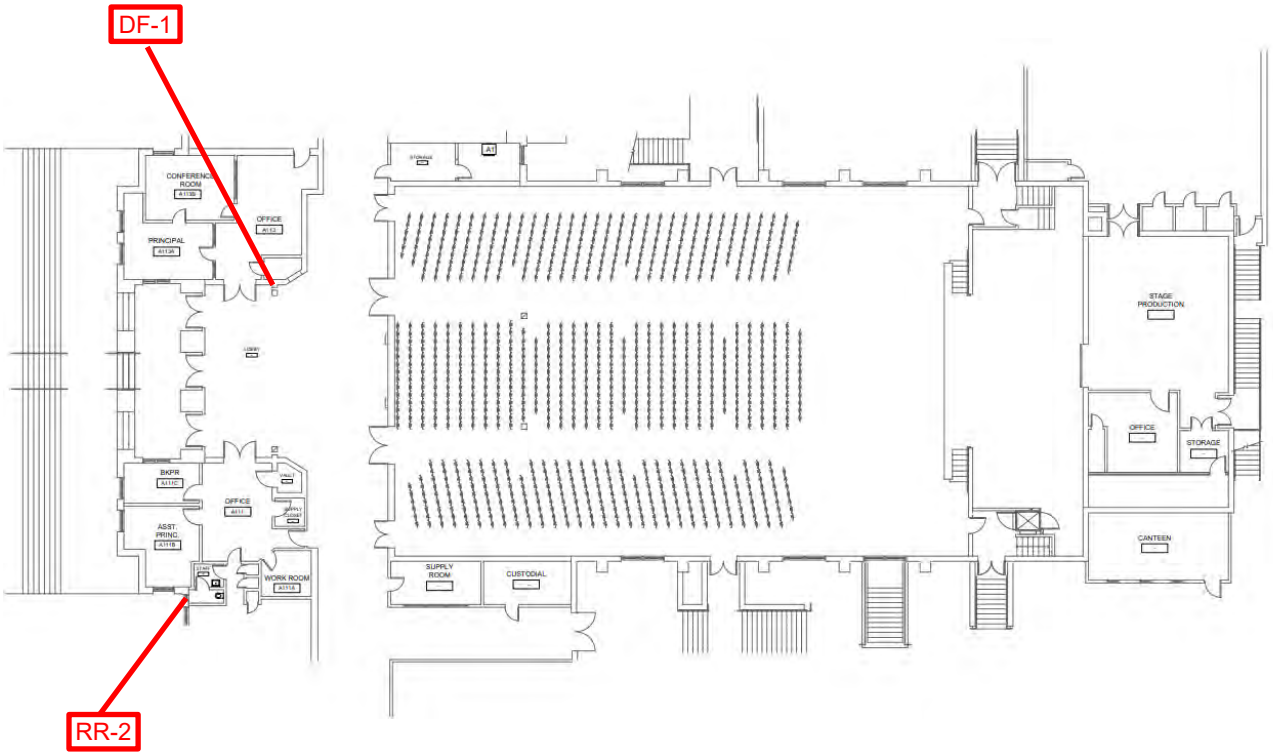
Project Name:

Marshall Fundamental School

On-Site Date:

December 18-20, 2023

Floor Plan – Building A 1st Floor Mid-Section



Source:

Pasadena Unified School District

Legend:

RR-# - Restroom
DF-# - Drinking Fountain

The north arrow indicator is an approximation of 0° North.

Project Number:

164633.23R000-003.303

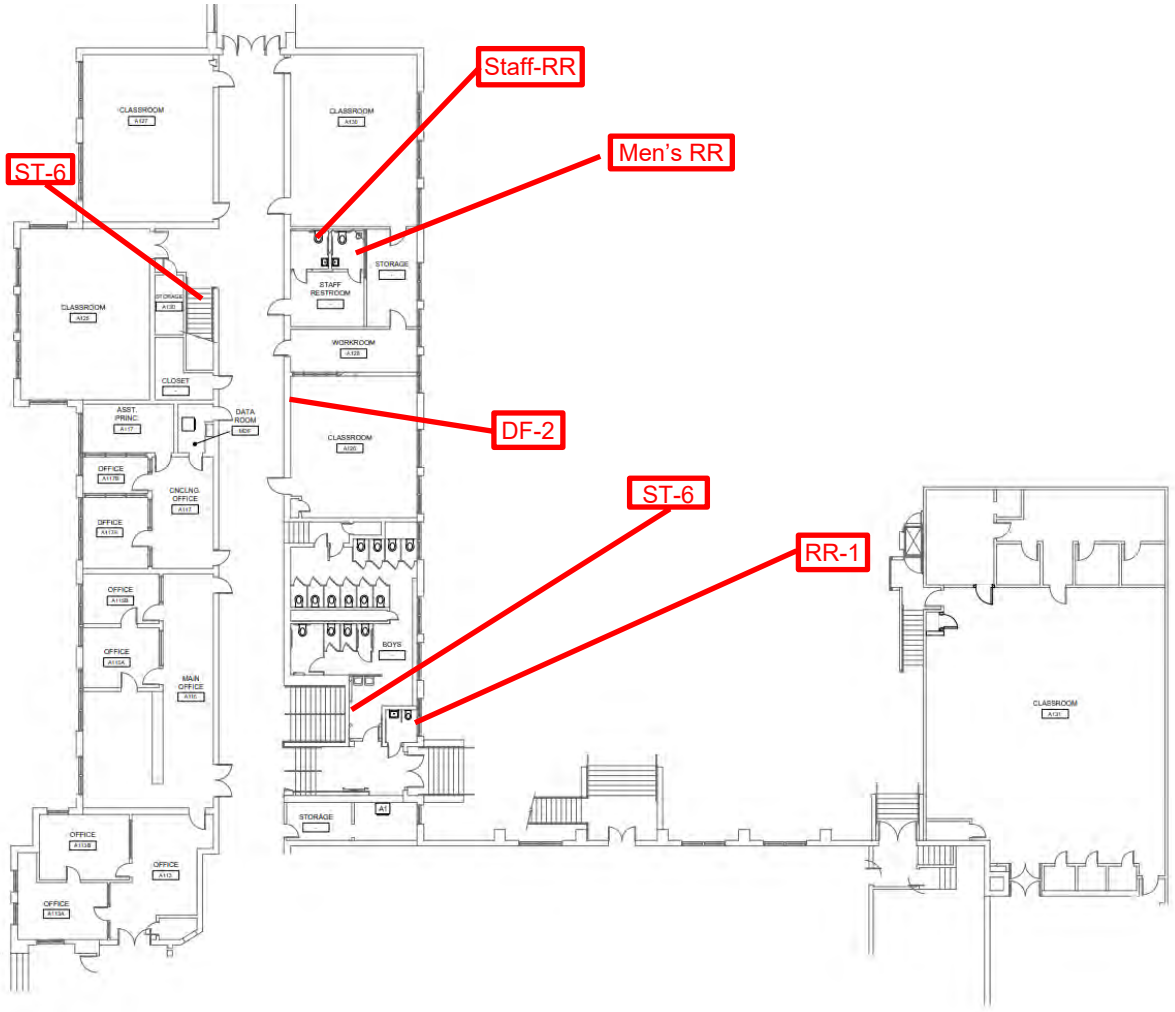
Project Name:

Marshall Fundamental School

On-Site Date:

December 18-20, 2023

Floor Plan – Building A 1st Floor North



Source:

Pasadena Unified School District

Legend:

RR-# - Restroom
DF-# - Drinking Fountain
ST-# - Stair

The north arrow indicator is an approximation of 0° North.

Project Number:

164633.23R000-003.303

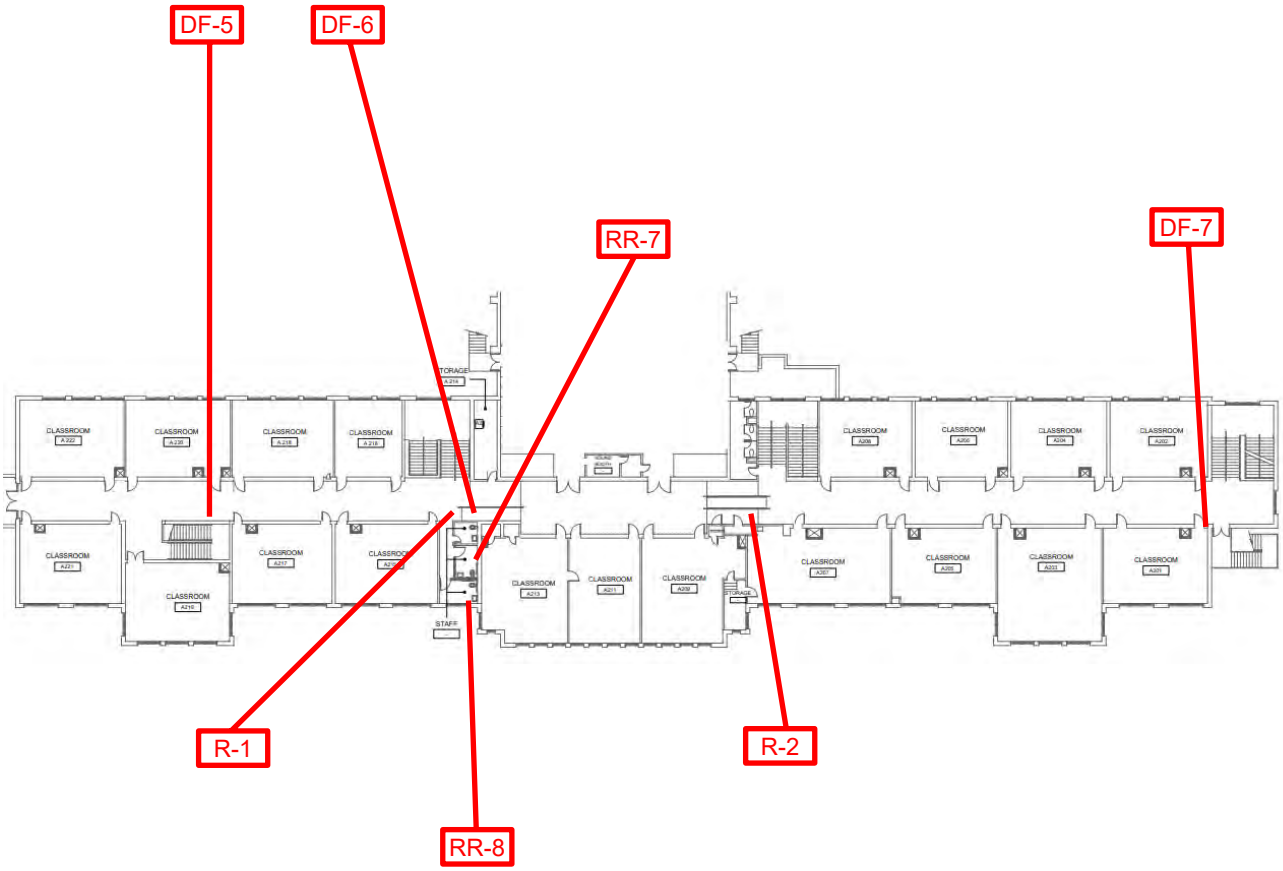
Project Name:

Marshall Fundamental School

On-Site Date:

December 18-20, 2023

Floor Plan – Building A 2nd Floor



Source:
Pasadena Unified School District

Legend:
RR-# - Restroom
DF-# - Drinking Fountain
R-# - Ramp

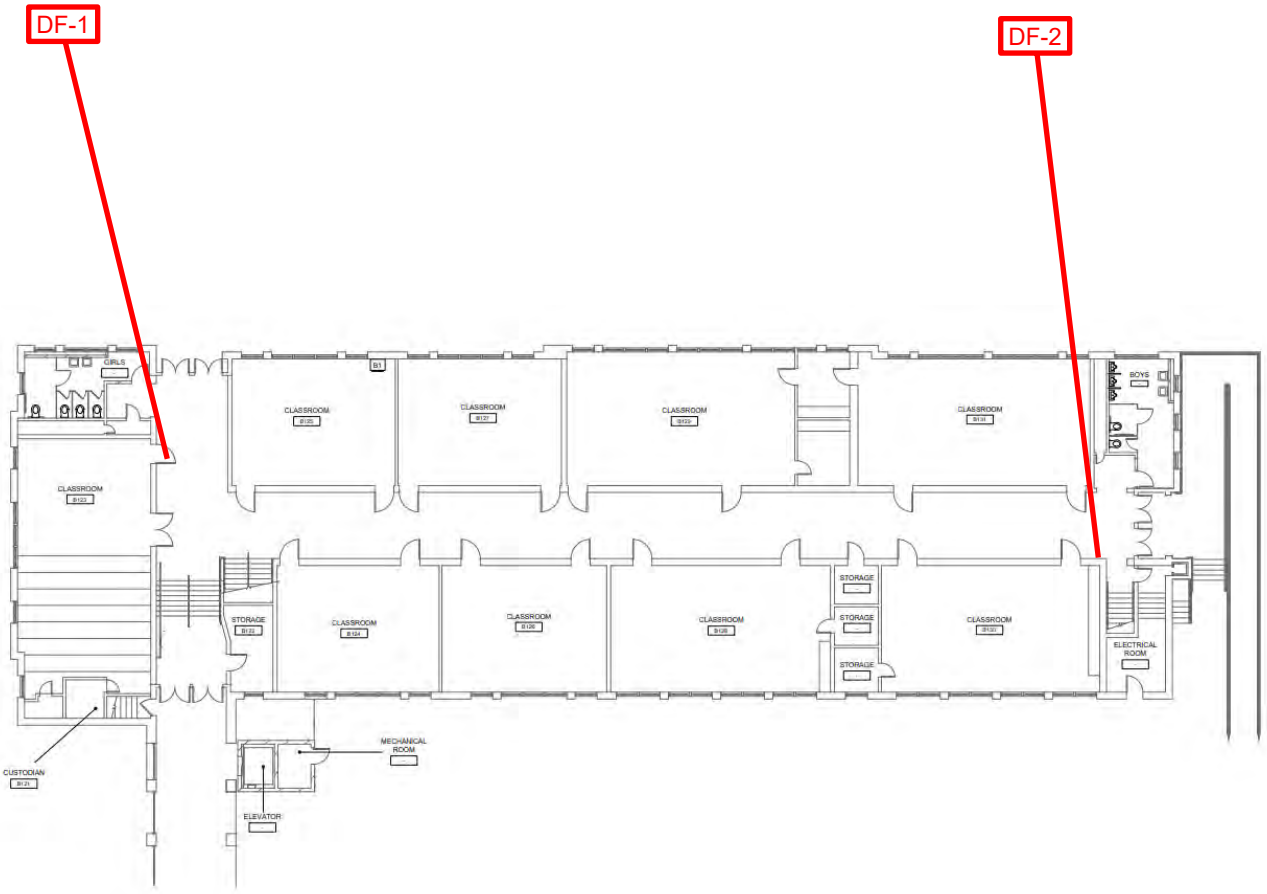
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building B 1st Floor



Source:
Pasadena Unified School District

Legend:
DF-# - Drinking Fountain

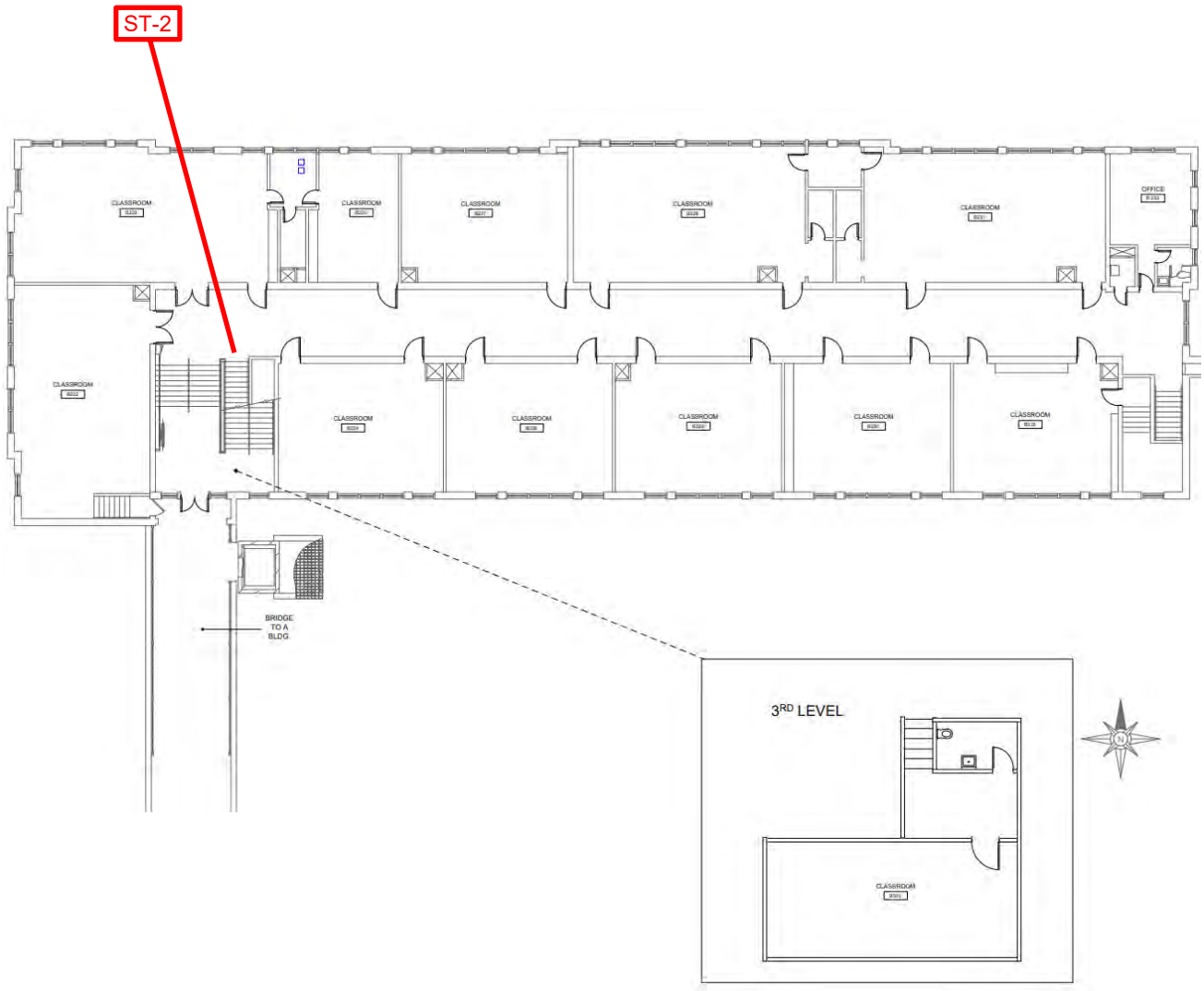
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building B 2nd Floor



Source:
Pasadena Unified School District

Legend:
ST-# - Stair

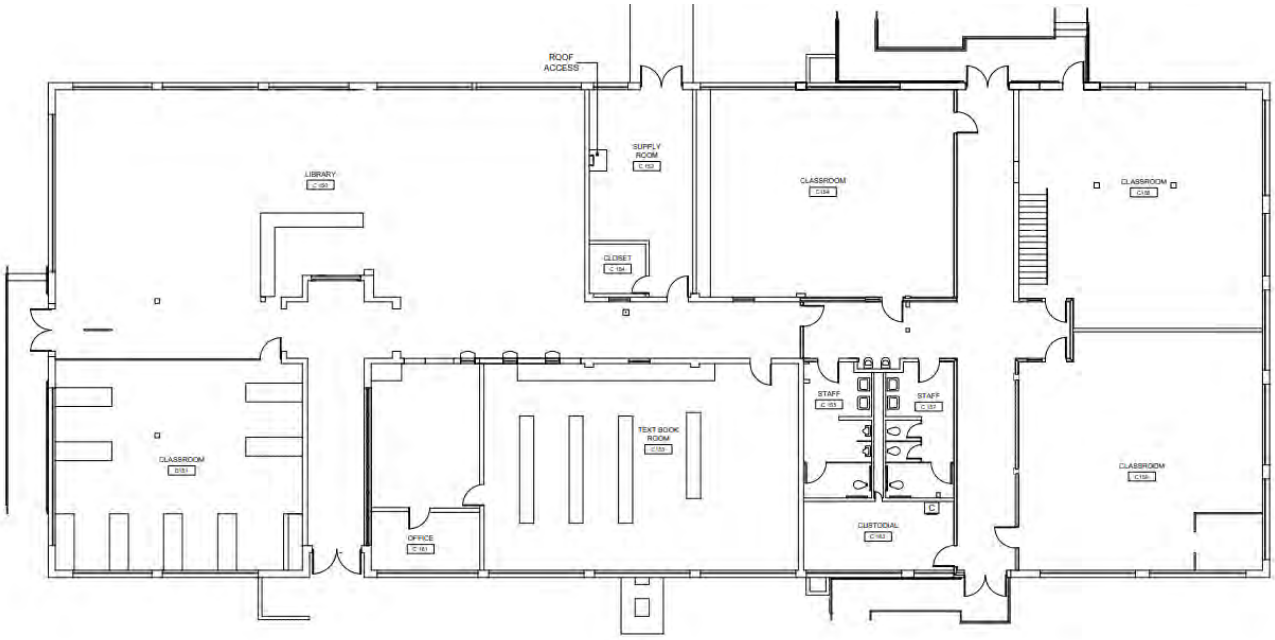
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building C



John Marshall Fundamental C Building 1st Floor

Source:
Pasadena Unified School District

Legend:

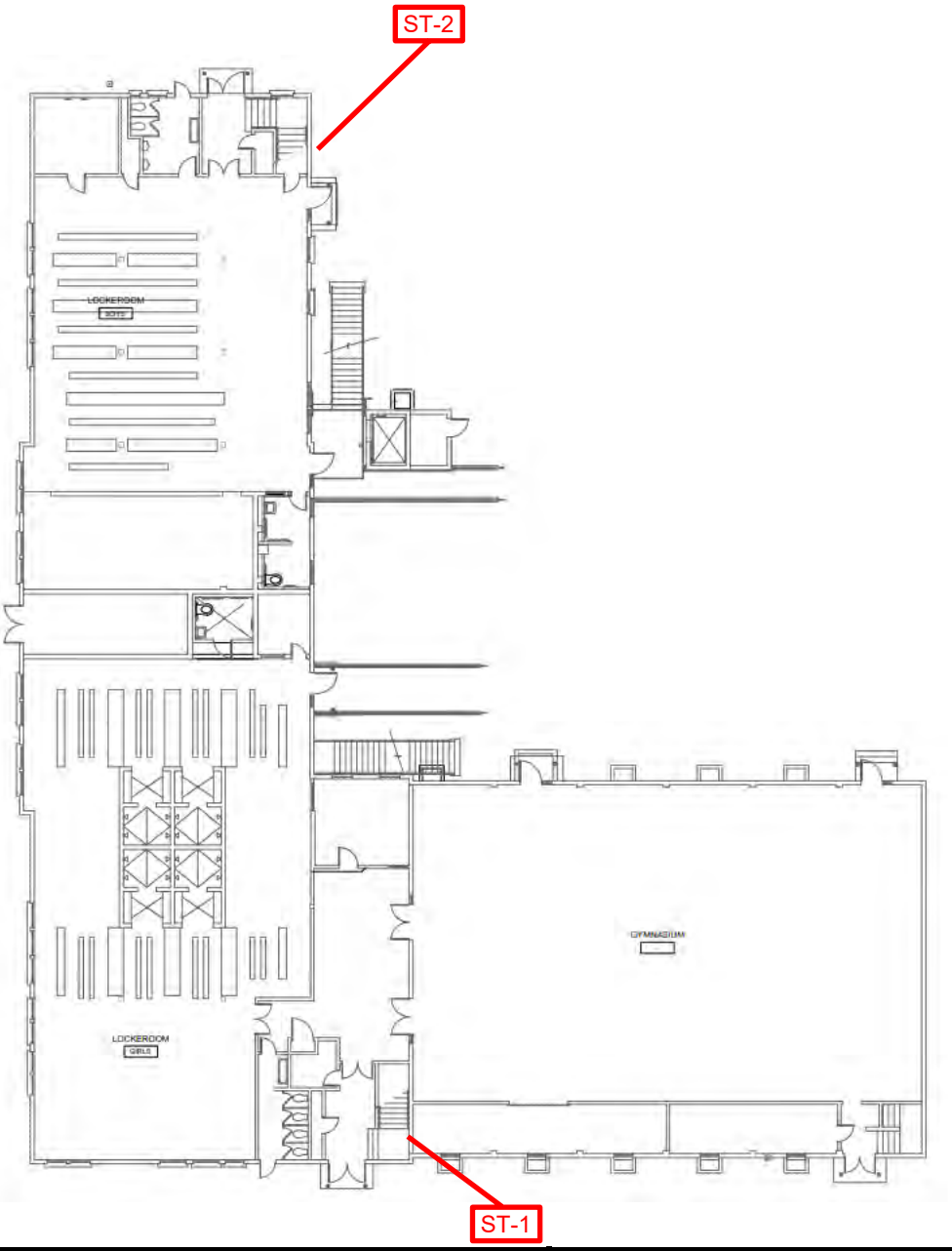
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building D 1st Floor



Source:
Pasadena Unified School District

Legend:
ST-# - Stair

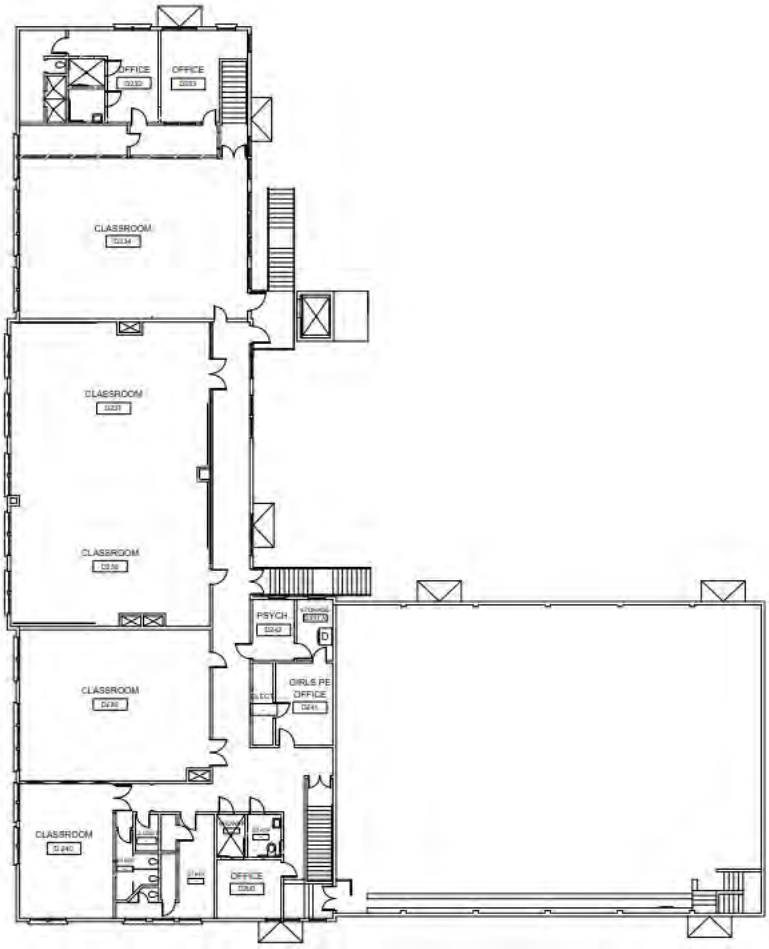
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building D 2nd Floor



Source:
Pasadena Unified School District

Legend:

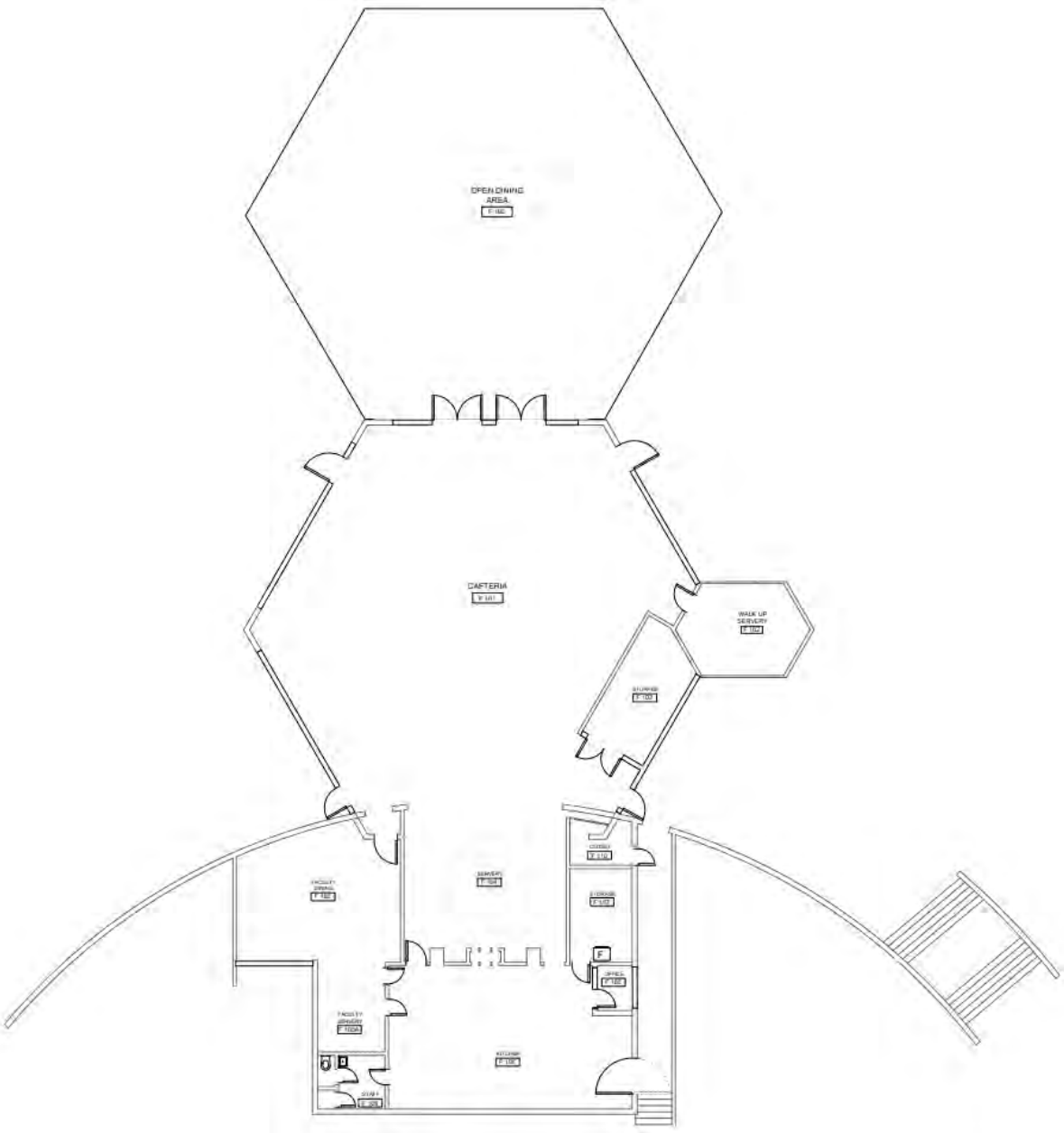
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building F



Source:
Pasadena Unified School District

Legend:

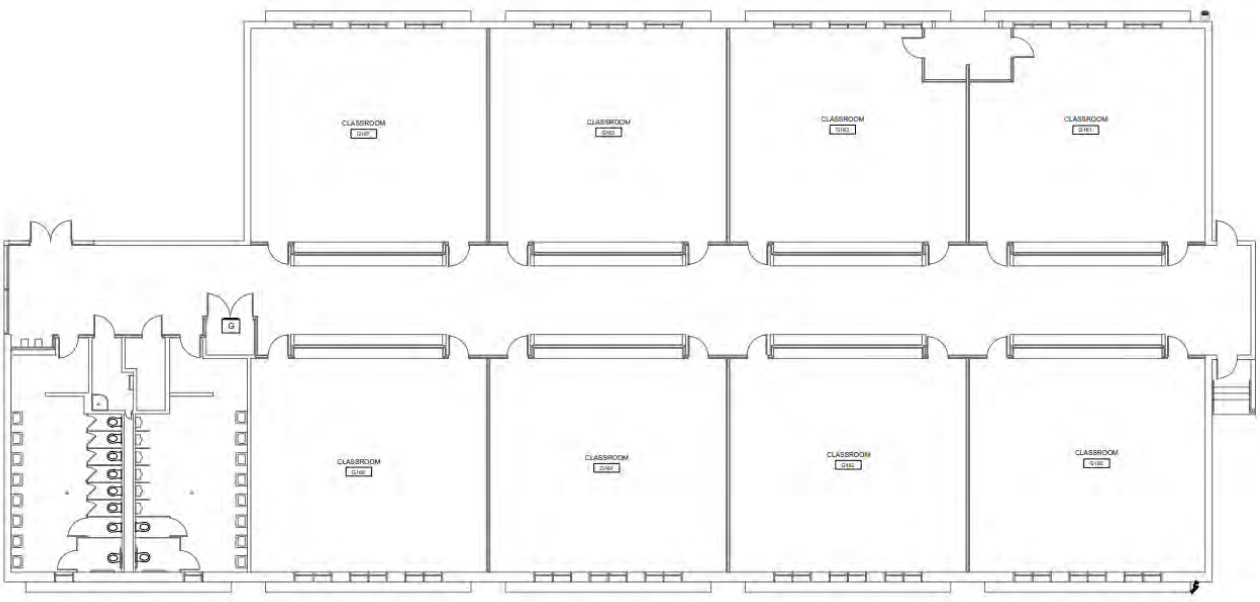
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building G



Source:
Pasadena Unified School District

Legend:

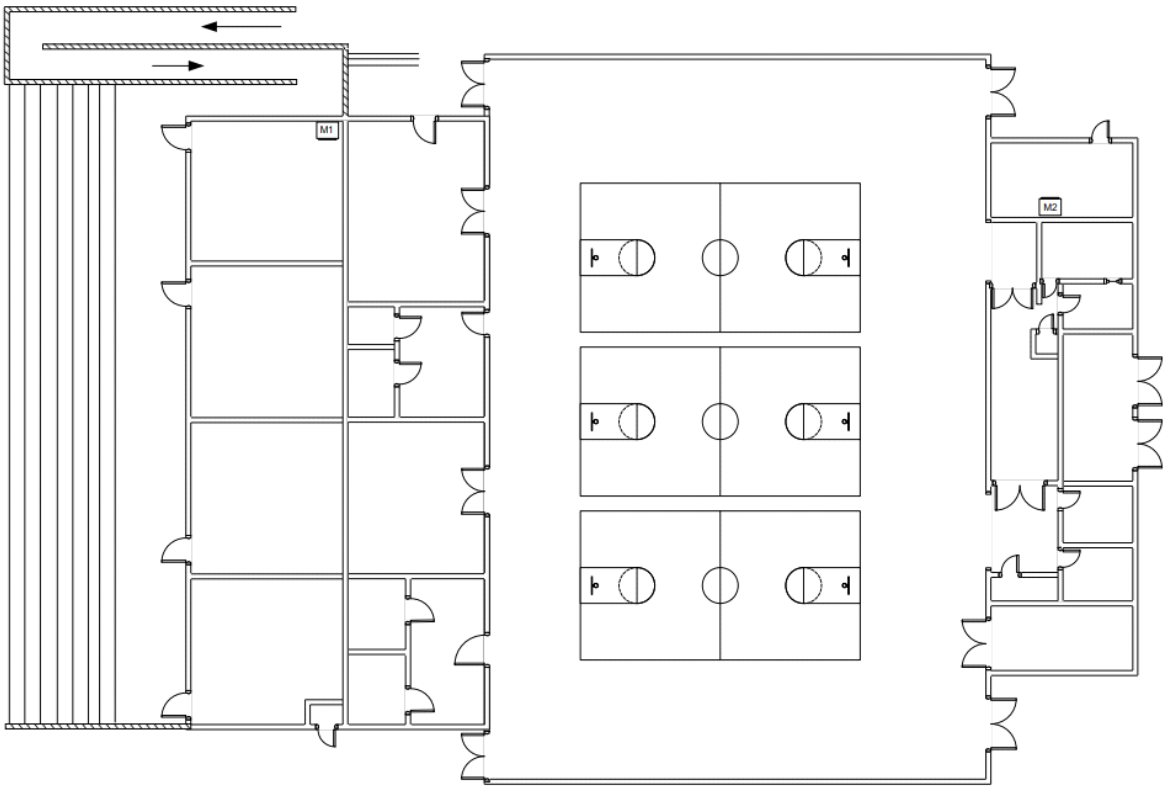
The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

Floor Plan – Building M



Source:
Pasadena Unified School District

Legend:

The north arrow indicator is an approximation of 0° North.

Project Number:
164633.23R000-003.303

Project Name:
Marshall Fundamental School

On-Site Date:
December 18-20, 2023

APPENDIX B:
RECORD OF INDIVIDUAL BARRIERS

Barrier ID: AX422011

Marshall Fundamental School BUILDING B

Assembly	Amenity Not Evaluated
Type	Amenity Not Evaluated
ADA Standard	None
Barrier Detail	The amenity cannot be accessed and, therefore, cannot be evaluated.
Location Description	B301
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Unable to access due to locked room.

Resolution

The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.

Quantity	Unit Cost	Total Cost
1 EA	0.00	$ 0

Priority	0

Photos for Barrier ID: AX422011





Barrier ID: AX421325

Marshall Fundamental School BUILDING D

Assembly	Amenity Not Evaluated
Type	Amenity Not Evaluated
ADA Standard	None
Barrier Detail	The amenity cannot be accessed and, therefore, cannot be evaluated.
Location Description	Shower (D Building)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Unable to access due to storage filled room.

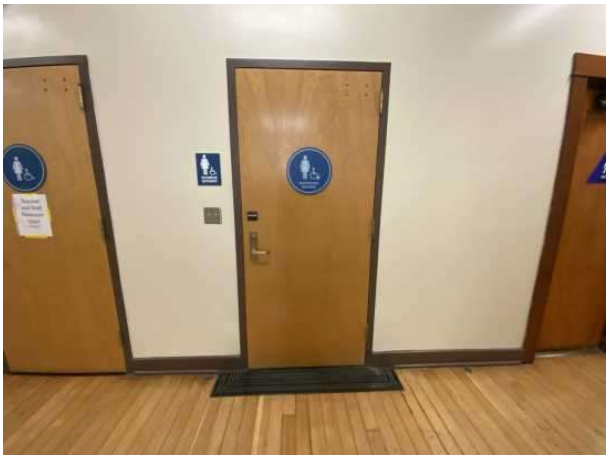
Resolution

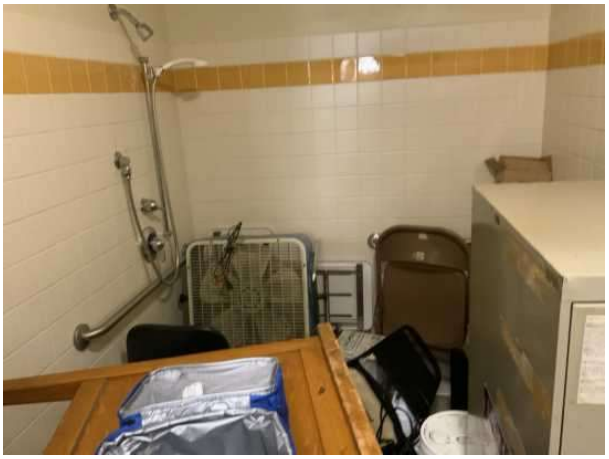
The amenity could not be accessed, and therefore the amenity was not evaluated for compliance with accessibility codes and regulations.

Quantity	Unit Cost	Total Cost
1 EA	0.00	$ 0

Priority	0

Photos for Barrier ID: AX421325







Barrier ID: AX431840

Marshall Fundamental School PARKING

Assembly	Accessible Parking
Type	Parking Space-Van
ADA Standard	California Building Code Chap 11B-502.3.3
Barrier Detail	CALIFORNIA: The van aisle markings are not compliant.
Location Description	Access Aisle serving P1-A
Observed	Feb 5, 2024 by javondrick.orange

Site Conditions

The access aisles do not have the words "NO PARKING" painted in white at the bottom of the access aisles.

Resolution

Remove and re-stripe the van aisle. Access aisles shall be the full length of the stall they serve. Stalls and access aisles shall be minimum 216" (18') in length. Markings may extend beyond the minimum required length 216" (18') of the stall the aisle serves. The aisle shall be marked with a blue painted borderline around its perimeter. The area within the blue perimeter marked with hatched lines a maximum of 36" on center in a color contrasting with that of the aisle surface, preferably blue or white. The words "No Parking" shall be painted on the surface within each access aisle in white letters of minimum 12" height, and located to be visible from the adjacent vehicular way. Markings may extend beyond the minimum required length 216" (18') of the stall. The van aisle shall be minimum 60" (5") wide where the van stall is minimum 144" (12') wide, OR 108" (9') wide minimum with access aisle 96" (8') wide minimum. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] [ADVISORY 11B-502.3.3 Marking. The requirement that the hatching at the loading and unloading access aisle be a suitable contrasting color to the parking space is intended to ensure that the hatching is visually distinct from the background to which it is applied, and thus can be more easily seen. As hatching is generally recognized as a no-parking area, this difference in contrast assists drivers by providing a conspicuous visual deterrent to parking in the loading and unloading access aisle. Asphalt is often the parking surface material used at accessible parking spaces. Asphalt is generally considered to be fairly dark in appearance. In order to provide a suitable contrasting color at the hatched area of the loading and unloading access aisle, a light color hatching should be used at locations where asphalt is the parking surface material. Although white paint is preferred (and traditionally the color most often used), its use is not mandatory under the California Building Code (CBC). In order to provide a suitable contrast at the hatched area of the loading and unloading access aisle in locations where light concrete is used as the parking surface material (such as at concrete parking garages), a dark color hatching should be used. Although blue paint is preferred, its use is not mandatory under the California Building Code (CBC).]

Quantity	Unit Cost	Total Cost
1 EA	525.00	$ 525

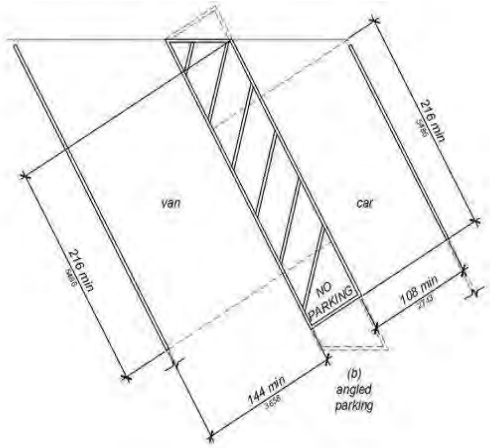
Priority	1

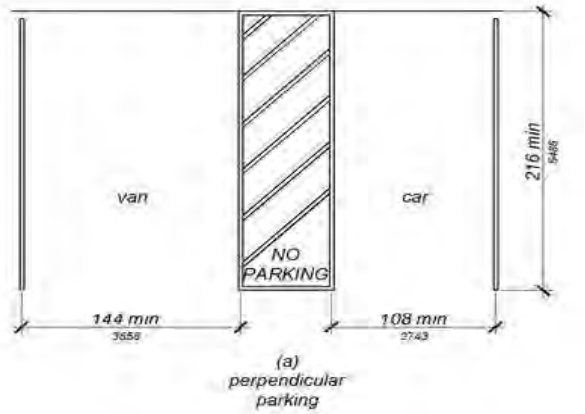
Map for Barrier ID: AX431840



395 34.16384066319627,-118.1117754602927

Photos for Barrier ID: AX431840









Barrier ID: AX432539

Marshall Fundamental School PARKING

Assembly	Accessible Parking
Type	Parking Space-Car
ADA Standard	California Building Code Chap 11B-502.3.3
Barrier Detail	CALIFORNIA: The car aisle markings are not compliant.
Location Description	Access Aisle serving P1-B
Observed	Feb 5, 2024 by javondrick.orange

Site Conditions

The access aisles do not have the words "NO PARKING" painted in white at the bottom of the access aisles.

Resolution

Remove and re-stripe the car aisle. Access aisles shall be the full length of the stall they serve. Stalls and access aisles shall be minimum 216" (18') in length. Markings may extend beyond the minimum required length 216" (18') of the stall the aisle serves. The car aisle shall be minimum 60" wide. The aisle shall be marked with a blue painted borderline around its total perimeter, including adjacent to curbs, where present. The area within the blue perimeter shall be marked with hatched lines maximum 36" on center in a color contrasting with that of the aisle surface, preferably blue or white. The words "No Parking" shall be painted on the surface within each access aisle in white letters of minimum 12" height, and located to be visible from the adjacent vehicular way. Width measurements of parking spaces and access aisles shall be made from the centerline of the markings. [EXCEPTION: Where parking spaces or access aisles are not adjacent to another parking space or access aisle, measurements shall be permitted to include the full width of the line defining the parking space or access aisle.] [ADVISORY 11B-502.3.3 Marking. The requirement that the hatching at the loading and unloading access aisle be a suitable contrasting color to the parking space is intended to ensure that the hatching is visually distinct from the background to which it is applied, and thus can be more easily seen. As hatching is generally recognized as a no-parking area, this difference in contrast assists drivers by providing a conspicuous visual deterrent to parking in the loading and unloading access aisle. Asphalt is often the parking surface material used at accessible parking spaces. Asphalt is generally considered to be fairly dark in appearance. In order to provide a suitable contrasting color at the hatched area of the loading and unloading access aisle, a light color hatching should be used at locations where asphalt is the parking surface material. Although white paint is preferred (and traditionally the color most often used), its use is not mandatory under the California Building Code (CBC). In order to provide a suitable contrast at the hatched area of the loading and unloading access aisle in locations where light concrete is used as the parking surface material (such as at concrete parking garages), a dark color hatching should be used. Although blue paint is preferred, its use is not mandatory under the California Building Code (CBC).]

Quantity	Unit Cost	Total Cost
1 EA	525.00	$ 525

Priority	1

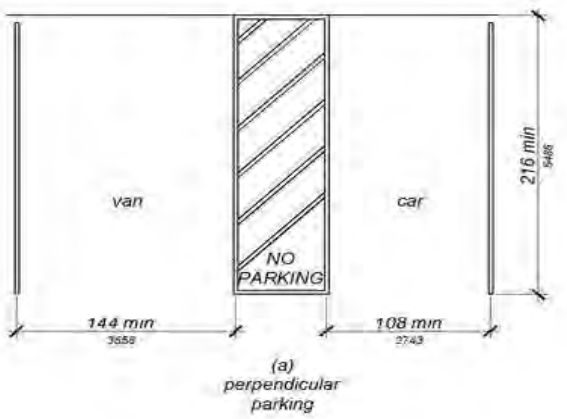
Map for Barrier ID: AX432539

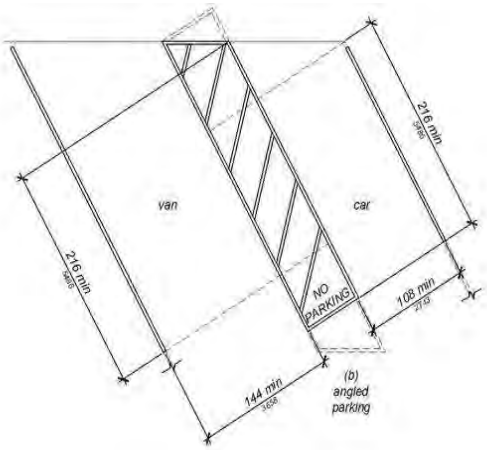


410 34.163832474958056,-118.11184330613423

Photos for Barrier ID: AX432539







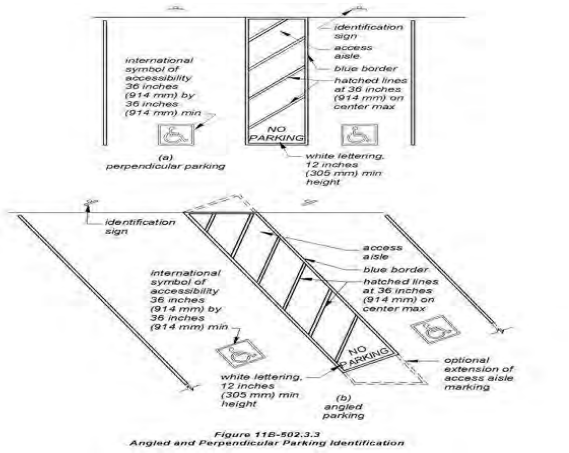


Figure 11B-502.3.3
Angled and Perpendicular Parking Identification



Barrier ID: AX421234

Marshall Fundamental School PARKING

Assembly	Accessible Parking
Type	Parking Space - Car
ADA Standard	California Building Code Chap 11B-502.6

Barrier Detail

CALIFORNIA: Signage is not provided at the standard accessible space, or the existing signage is not compliant.

Location Description	Accessible Parking Space P1-A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The accessible parking sign is missing, "Minimum Fine $250."

Resolution

Provide compliant mounted signage at the standard car stall. Signage shall be mounted minimum 60" above the stall surface measured to the bottom of the sign. Parking space identification signs shall include the International Symbol of Accessibility complying with 703.7.2.1. Parking identification signage shall be reflectorized with a minimum area of 70 square inches. The signage for the space shall be located either immediately adjacent to the space, or located within the projected parking space width at the head end of the space, or permanently posted on a wall at the interior end of the space. Parking identification signage shall have additional language or an additional sign stating "Minimum Fine $250." Parking signage shall be visible from the parking space. Where the sign post is mounted on a raised surface which is higher than the stall pavement, the vertical measurement shall be from the stall pavement surface to the bottom of the sign.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	1

Map for Barrier ID: AX421234



174 34.16380927148297,-118.11177702331352

Photos for Barrier ID: AX421234





Barrier ID: AX421235

Marshall Fundamental School PARKING

Assembly	Accessible Parking
Type	Parking Space - Car
ADA Standard	California Building Code Chap 11B-502.7.1

Barrier Detail

CALIFORNIA: The accessible route is located so that the disabled user is compelled to walk or wheel behind parked vehicles other than his or her own vehicle.

Location Description	Accessible Parking Space P1-A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The accessible route from P1-A requires the disabled user to travel behind parked vehicles.

Resolution

Provide a parking aisle connected to an accessible route which is located so that the disabled user is not compelled to walk or wheel behind parked vehicles except behind his or her own vehicle.

Quantity	Unit Cost	Total Cost
1 EA	525.00	$ 525

Priority	1

Map for Barrier ID: AX421235



 34.16385444544095,-118.11175076992322

Photos for Barrier ID: AX421235





Barrier ID: AX431414

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Blended Transition
ADA Standard	California Building Code Chap 11B--406.5.12; 705

Barrier Detail

CALIFORNIA: The blended transition does not have a compliant detectable warning.

Location Description	Accessible Route from Parking Lot 1
Observed	Dec 18, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The detectable warning does not expand across the parking spaces where there is not a curb. Existing detectable warning does not have compliant dome spacing.

Resolution

Install a compliant detectable warning on the blended transition. The material used for contrast for a detectable warning shall be an integral part of the walking surface material. The compliant detectable warning shall have truncated domes. The truncated domes shall have center to center spacing of 2.3" minimum and 2.4" maximum between the domes, and base to base spacing 0.65" minimum measured between the most adjacent domes on a square grid. [EXCEPTION: Where domes are in radial pattern, the center to center spacing may be 1.6" minimum - 2.4" maximum.] Truncated domes shall have center to center spacing of 2.3" minimum and 2.4" maximum between the domes. [EXCEPTION: Where domes are in radial pattern, the center to center spacing may be 1.6" minimum - 2.4" maximum.] The domes shall measure: base diameter 0.9" minimum to 0.92" maximum, top diameter 0.45" minimum to 0.47" maximum, and height 0.18" minimum to 0.22" maximum. The detectable warning shall be yellow and approximate color FS33538 of Federal Standard 595C OR provide 70% minimum visual contrast of light-on-dark or dark-on-light. Contrast in % is determined by CONTRAST %= [(B1-B2)/B1] x100, where B1= Light Reflectance Value (LRV) of the lighter area, and B2=LRV of the darker area. [EXCEPTION: If 70% visual contrast is not provided, minimum 1" wide minimally visually contrasting strip shall separate the yellow detectable warning and the adjacent walking surface. The minimally visually contrasting surface shall contrast both with the detectable warning and the adjacent surface either dark-on-light or light-on-dark.]

Quantity	Unit Cost	Total Cost
8 EA	840.00	$ 6,720

Priority	1

Map for Barrier ID: AX431414



394 34.16380164932367,-118.11183269386578

Photos for Barrier ID: AX431414





Barrier ID: AX421229

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	303

Barrier Detail

Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.

Location Description	Accessible Route from Parking Lot 1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There is a 1/2" vertical change in level along the accessible route for a length of 8'.

Resolution

The sidewalk should be removed (sections that are heaved, cracked etc) and repaired. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped.

Quantity	Unit Cost	Total Cost
8 SF	12.50	$ 100

Priority	1

Map for Barrier ID: AX421229



 34.163801649323657,-118.11183269386578

Photos for Barrier ID: AX421229





Barrier ID: AX420955

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	303.4, 405

Barrier Detail

The accessible route to the facility has a stairway, which does not comply with vertical rise requirements.

Location Description	Accessible Route to Main Entrance D-1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	There is only stair access to the main entrance of the site.

Resolution

Install a ramp. An accessible ramp should be installed with maximum 30" rise. Ramp runs shall have a running slope not steeper than 1:12, and a cross slope not steeper than 1:48. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space. Where slopes are steeper than 1:10 but not steeper than 1:8, the rise shall be 3" maximum. Where slopes are steeper than 1:12 but not steeper than 1:10, the rise shall be 6" maximum.]

Quantity	Unit Cost	Total Cost
60 EA	827.00	$ 49,620

Priority	1

Map for Barrier ID: AX420955

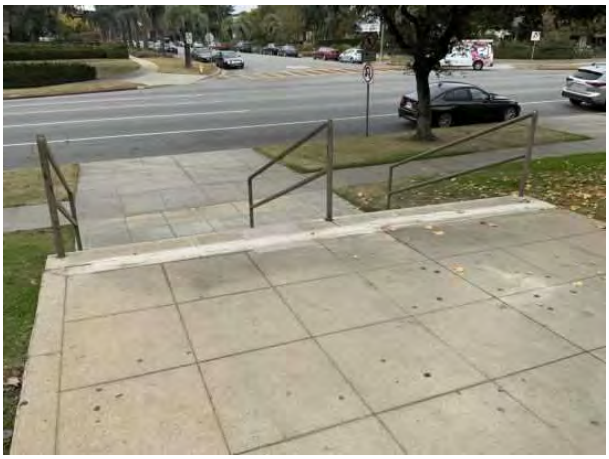


7 34.16313677335703,-118.1127002975359

Photos for Barrier ID: AX420955







Barrier ID: AX431953

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	California Building Code Chap 11B-Chap 11B-405.7
Barrier Detail	CALIFORNIA: The ramp landings are not compliant.
Location Description	East Ramp B Building
Observed	Feb 5, 2024 by javondrick.orange
Site Conditions	The top landing has standing water.

Resolution

Install compliant ramp landings. Ramp landings at bottom of ramp runs shall be minimum 72" length in the direction of the ramp run, minimum 60" wide, and at least as wide as the ramp run. Ramp landings at the top of the ramp shall be 60" minimum length and 60" minimum wide. Ramp landings in the middle of the ramp, where landings are not at a turn shall be 60" minimum length and 60" minimum wide, and at least as wide as ramp. Ramp landings at turns shall be 60" minimum wide by 72" minimum length in the direction of downward travel from the upper ramp run. The maximum rise of a ramp run shall be 30". Doors which overlap landings shall project into required landing widths 3" maximum when fully open. Doors in any position shall allow minimum 42" width and depth of the landing. Ramp landings shall be level with no more than 2% slope in any direction. [Exception: Slopes not steeper than 1:48 shall be permitted.] Landings subject to wet conditions shall be designed to prevent the accumulation of water.

Quantity	Unit Cost	Total Cost
5 LF	827.50	$ 4,138

Priority	1

Map for Barrier ID: AX431953



406 34.16368345270679,-118.11107031779098

Photos for Barrier ID: AX431953





Barrier ID: AX427767

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	California Building Code Chap 11B-405
Barrier Detail	CALIFORNIA: The ramp has running slopes and/or rises in excess of 1:12.
Location Description	East Ramp B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The 20' long by 7' wide ramp has a 9.2% running slope.
Highest Running Slope	9.2%

Resolution

The ramp should be removed and an accessible ramp should be installed. Ramp runs shall have a running slope not steeper than 1:12. Cross slopes shall not be steeper than 1:48. The maximum rise of a ramp run shall be 30". The ramp shall have 48" minimum clear width. Ramp landings at bottom of ramp runs shall be minimum 72" length in the direction of the ramp run, and min. 60" wide and at least as wide as the ramp run. Ramp landings at the top of ramps shall be 60" minimum by 60" minimum. Ramp landings located between ramp runs, where landings are not at a turn in direction shall be 60" minimum length and 60" minimum wide, and at least as wide as ramp. Ramp landings at turns shall be 60" min. wide by 72" min. length in the direction of downward travel from the upper ramp run. Doors which overlap landings shall project into required landing widths 3" maximum when fully open. Doors in any position shall allow minimum 42" width and depth of the landing. Ramp landings shall be level with no more than 2% slope in any direction. Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces. All ramp runs shall have handrails on each side of the ramp. [Exception: A door landings, handrails are not required on ramp runs less than 6" in rise or minimum 72" in length.]

Quantity	Unit Cost	Total Cost
20 LF	827.50	$ 16,550

Priority	1

Map for Barrier ID: AX427767



392 34.16389302649263,-118.11190202885342

Photos for Barrier ID: AX427767





Barrier ID: AX421227

Marshall Fundamental School BUILDING C

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	CBC Chap 11B-404.2
Barrier Detail	CALIFORNIA: The maneuvering clearance at the entry door is not compliant.
Location Description	Library C150
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the pull side the maneuvering clearance depth is 48".

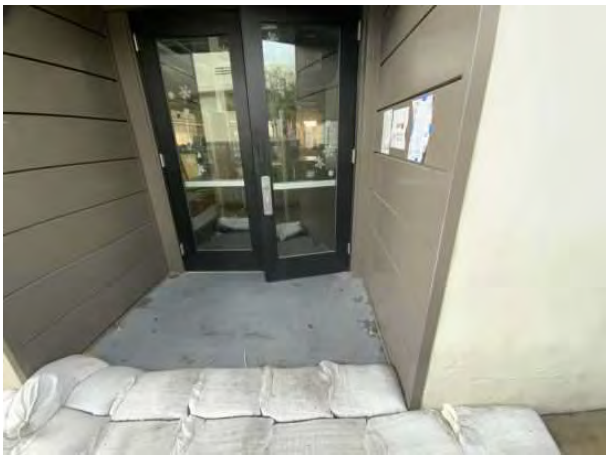
Resolution

Remove stored items to provide the required maneuvering clearance at the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 24" minimum on the side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	1

Photos for Barrier ID: AX421227





Barrier ID: AX431954

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	California Building Code Chap 11B-Chap 11B-405.7
Barrier Detail	CALIFORNIA: The ramp landings are not compliant.
Location Description	North Ramp - M Building
Observed	Feb 5, 2024 by javondrick.orange
Site Conditions	The mechanical box is within the bottom landing.

Resolution

Install compliant ramp landings. Ramp landings at bottom of ramp runs shall be minimum 72" length in the direction of the ramp run, minimum 60" wide, and at least as wide as the ramp run. Ramp landings at the top of the ramp shall be 60" minimum length and 60" minimum wide. Ramp landings in the middle of the ramp, where landings are not at a turn shall be 60" minimum length and 60" minimum wide, and at least as wide as ramp. Ramp landings at turns shall be 60" minimum wide by 72" minimum length in the direction of downward travel from the upper ramp run. The maximum rise of a ramp run shall be 30". Doors which overlap landings shall project into required landing widths 3" maximum when fully open. Doors in any position shall allow minimum 42" width and depth of the landing. Ramp landings shall be level with no more than 2% slope in any direction. [Exception: Slopes not steeper than 1:48 shall be permitted.]

Quantity	Unit Cost	Total Cost
6 LF	827.50	$ 4,965

Priority	1

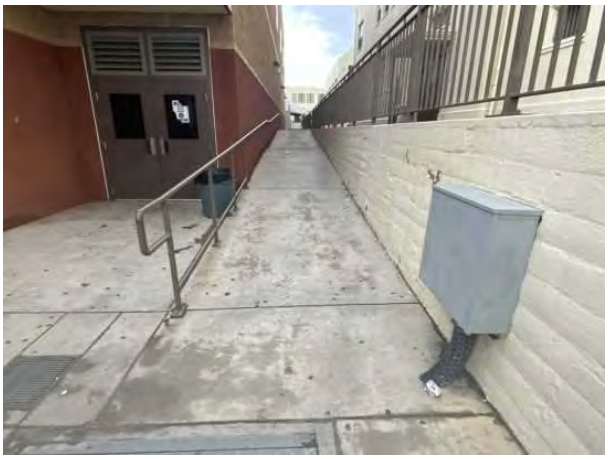
Map for Barrier ID: AX431954



407 34.162983531667194,-118.11148069577025

Photos for Barrier ID: AX431954





Barrier ID: AX427758

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	California Building Code Chap 11B-403.5.1,505
Barrier Detail	CALIFORNIA: The exterior ramp railings are not compliant.
Location Description	North Ramp - M Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are missing on the wall side of the ramp.

Resolution

Provide compliant handrails on both sides of the ramp. [EXCEPTION: At door landings, handrails are not required on ramp runs less than 6" rise or 72" in length.] The handrails on each side shall be a minimum 48" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1.25" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6.25" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1.Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, where the extension of the handrail in the direction of the ramp run would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of the ramp run.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
40 LF	203.75	$ 8,150

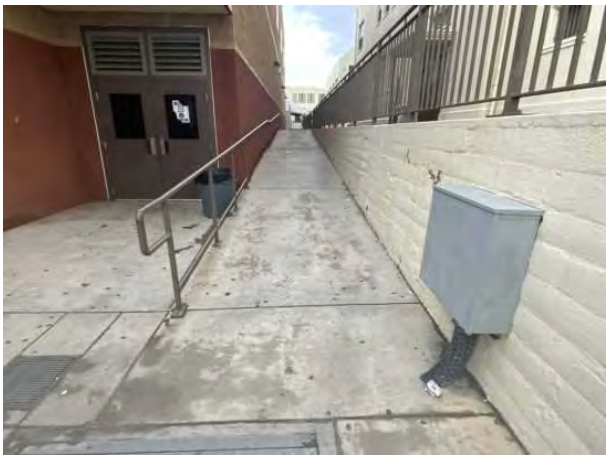
Priority 1

Map for Barrier ID: AX427758



383 +34.162892, -118.111462

Photos for Barrier ID: AX427758





Barrier ID: AX432312

Marshall Fundamental School PARKING

Assembly	Exterior Access Route
Type	Curb Ramp
ADA Standard	406.2
Barrier Detail	A curb ramp is not provided where the accessible route crosses a curb.
Location Description	Passenger Loading/Unloading Zone
Observed	Feb 4, 2024 by javondrick.orange
Site Conditions	A curb ramp is not provided from the passenger loading zone.

Resolution

Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.

Quantity	Unit Cost	Total Cost
1 EA	2,187.50	$ 2,188

Priority	1

Map for Barrier ID: AX432312



409 34.16403716963625,-118.11154064694

Photos for Barrier ID: AX432312





Barrier ID: AX432311

Marshall Fundamental School PARKING

Assembly	Exterior Access Route
Type	Loading/Unloading Zone
ADA Standard	206; 206.2.1

Barrier Detail

A compliant accessible route is not provided from the passenger loading/unloading zone to the public facility entrance.

Location Description	Passenger Loading/Unloading Zone
Observed	Feb 4, 2024 by javondrick.orange

Site Conditions

The loading/unloading zone does not have a striped access aisle and is not positioned out of the vehicular lane.

Resolution

Install an accessible route from the passenger loading/unloading zone to the public facility entrance. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones; public streets and sidewalks; and public transportation stops to the accessible building or facility entrance they serve. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
280 SF	11.20	$ 3,136

Priority	1

Map for Barrier ID: AX432311



408 34.164043446902426,-118.11156478682113

Photos for Barrier ID: AX432311





Barrier ID: AX420956

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	303

Barrier Detail

Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.

Location Description	Walkway to Main Entrance D-1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There is a 1" vertical change in along the accessible route for a total length of 15'.

Resolution

The sidewalk should be removed (sections that are heaved, cracked etc) and repaired. Changes in level of 1/4" high maximum shall be permitted to be vertical. Changes in level between 1/4" high minimum and 1/2" high maximum shall be beveled with a slope not steeper than 1:2. Changes in level greater than 1/2" shall be ramped.

Quantity	Unit Cost	Total Cost
15 LF	24.78	$ 372

Priority	1

Map for Barrier ID: AX420956



8 34.16315653999792,-118.11269479323673

Photos for Barrier ID: AX420956







Barrier ID: AX420985

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	A117
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27".
Width	27"

Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	2

Photos for Barrier ID: AX420985





Barrier ID: AX431947

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	A117
Observed	Feb 5, 2024 by javondrick.orange
Site Conditions	For a forward approach on the pull side the side clearance is 0".

Resolution

Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX431947





Barrier ID: AX421028

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	216.2, 703.2; 703.3; 703.5

Barrier Detail

The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.

Location Description	A117
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Room signage does not have raised characters and also missing tactile characters.

Resolution

Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421028





Barrier ID: AX421238

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	California Building Code Chap 11B-403.3, 403.5

Barrier Detail

CALIFORNIA: The exterior accessible route has slopes in excess of maximum 1:20 (5%) running slope and/or maximum 1:48 (2.08)% cross slope.

Location Description	Accessible Route to Football Field Bleachers
Observed	Dec 18, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The cross slope is 3.1% for 20' in length by 5' wide.
Highest Cross Slope	3.1%

Resolution

Install a compliant exterior accessible route. An exterior accessible route has maximum 1:20 (5%) running slope and maximum 1:48 (2.08%) cross slope. The minimum clear width of an exterior accessible route is 48". [EXCEPTION: Where rights-of-way, natural barriers or other existing conditions are present, the enforcing agency may determine that compliance with the 48" minimum clear width would create an unreasonable hardship. If the enforcing agency determines that an unreasonable hardship exists, the clear width may be reduced to 36" minimum.] [ADVISORY 11B-403.3 Slope. When the running slope of a walking surface exceeds 5%, it must comply with the accessibility requirements for ramps.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
100 SF	11.20	$ 1,120

Priority	2

Map for Barrier ID: AX421238



178 34.16396715059901,-118.10995543989848

Photos for Barrier ID: AX421238





Barrier ID: AX421236

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Curb Ramp
ADA Standard	406.2
Barrier Detail	A curb ramp is not provided where the accessible route crosses a curb.
Location Description	Accessible Route to Football Field Bleachers
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A curb is located along the accessible route to access bleachers.

Resolution

Install a compliant curb ramp. Compliant curb ramps shall be provided wherever an accessible route crosses a curb. Curb ramp runs shall have a running slope not steeper than 1:12. Cross slope of ramp runs shall not be steeper than 1:48. The running slope in new construction shall be 1:12 maximum. [EXCEPTION: In existing sites, buildings, and facilities built before 1/26/92, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. The running slope can be 1:10 to 1:8 (10% to 12.5%) for a maximum rise of 3" OR 1:10 to 1:12 (8.3% to 10%) for a maximum rise of 6".] Where provided, flare slopes shall be maximum 1:10 (10%). Provide a landing at the top of the curb ramp. The landing clear length shall be 36" minimum. The landing clear width shall be minimum 48" wide, and at least as wide as the curb ramp, excluding flared sides. Changes in level are not permitted. Slopes not steeper than 1:48 shall be permitted.

Quantity	Unit Cost	Total Cost
1 EA	2,187.50	$ 2,188

Priority	2

Map for Barrier ID: AX421236



176 34.16332499362182,-118.10986191840269

Photos for Barrier ID: AX421236





Barrier ID: AX421244

Marshall Fundamental School SPORTS FACILITIES

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	206; 206.2.2

Barrier Detail

A compliant accessible route is not provided from the public access to the amenity.

Location Description	Accessible Route to Softball Field
Observed	Dec 18, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There is no accessible route to get to the softball field for a length of 400'. The grass surface is not firm and stable.

Resolution

Install an accessible route with minimum 36" clear width, and no more than 1:50 (2%) cross or 1:20 (5%) running slopes. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] An accessible route with a running slope greater than 1:20 (5%) is a ramp. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
1200 SF	11.20	$ 13,440

Priority	2

Map for Barrier ID: AX421244



184 34.162533708091956,-118.1094954563446

Photos for Barrier ID: AX421244







Barrier ID: AX421009

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Assembly Area
ADA Standard	221; 221.1; 221.2.1 thru 3; 221.2.3.1 & 2; 221.3; 802.3
Barrier Detail	Assembly areas do not provide wheelchair spaces.
Location Description	Auditorium A112
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 700 seats requiring 6 wheelchair spaces. There are 0 compliant wheelchair spaces on site. Existing wheelchair spaces have a side entrance that is 53" deep.

Resolution

Wheelchair spaces shall be provided. A single wheelchair space is minimum 36" wide. Where two wheelchair spaces adjoin, the wheelchair spaces shall be minimum 33" wide. When approached from the front or rear, wheelchair spaces shall be minimum 48" deep. Wheelchair spaces approached from the side shall be minimum 60" deep. One side of the wheelchair space shall connect to, but be separate from, an accessible route and shall not overlap the circulation path. In row seating, at least one companion seat shall be provided adjacent to each required wheelchair space. Number of Wheelchair Spaces in Assembly Areas Number of Seats- Minimum Number of Required Wheelchair Spaces: 4 to 25 requires 1; 26 to 50 requires 2; 51 to 150 requires 4; 151 to 300 requires 5; 301 to 500 requires 6; 501 to 5000 requires 6, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over requires 36, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall provide compliant lines of sight. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations and viewing angles that are substantially equivalent to, or better than, the choices of seating locations and viewing angles available to all other spectators. When the number of wheelchair spaces required has been met, further dispersion shall not be required. Wheelchair spaces shall be dispersed horizontally. [EXCEPTIONS: 1. Horizontal dispersion shall not be required in assembly areas with 300 or fewer seats if the companion seats required and wheelchair spaces are located within the 2nd or 3rd quartile of the total row length. Intermediate aisles shall be included in determining the total row length. If the row length in the 2nd and 3rd quartile of a row is insufficient to accommodate the required number of companion seats and wheelchair spaces, the additional companion seats and wheelchair spaces shall be permitted to be located in the 1st and 4th quartile of the row. 2. In row seating, two wheelchair spaces shall be permitted to be located side-by-side.] Wheelchair spaces shall be dispersed vertically at varying distances from the screen, performance area, or playing field. In addition, wheelchair spaces shall be located in each balcony or mezzanine that is located on an accessible route. [EXCEPTIONS: 1. Vertical dispersion shall not be required in assembly areas with 300 or fewer seats if the wheelchair spaces provide viewing angles that are equivalent to, or better than, the average viewing angle provided in the facility.]

Quantity	Unit Cost	Total Cost
72 SF	78.69	$ 5,666

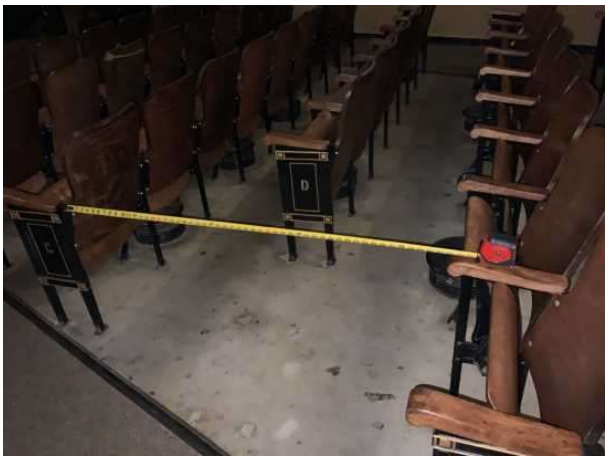
Priority	2

Photos for Barrier ID: AX421009









Barrier ID: AX431948

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Assembly Area
ADA Standard	221.4; 802.4
Barrier Detail	Assembly areas do not provide compliant aisle seats.
Location Description	Auditorium A112
Observed	Feb 6, 2024 by javondrick.orange

Site Conditions

There are 50 total number of aisle seats requiring at 3 accessible seats. There are 0 accessible aisle seats.

Resolution

Provide a minimum of 5% of the total number of aisle seats as aisle seats designated as accessible. Accessible aisle seats shall be the aisle seats located closest to accessible routes, and shall be dispersed among types of seating available to the public. Where armrests are provided on the seating in the immediate area, folding or retractable armrests shall be provided on the aisle side of the designated accessible aisle seat. Each designated aisle seat shall be identified by a sign or marker.

Quantity	Unit Cost	Total Cost
3 EA	1,928.13	$ 5,784

Priority	2

Photos for Barrier ID: AX431948





Barrier ID: AX431949

Marshall Fundamental School BUILDING A

Assembly	Exterior Access Route
Type	Ramp
ADA Standard	California Building Code Chap 11B-403.5.1,505
Barrier Detail	CALIFORNIA: The ramp railings are not compliant.
Location Description	Auditorium A112
Observed	Feb 5, 2024 by javondrick.orange
Site Conditions	The aisle has slopes greater than 5% and do not have handrails.

Resolution

Provide compliant handrails on both sides of the ramp. [EXCEPTION: At door landings, handrails are not required on ramp runs less than 6" rise or 72" in length.] The handrails on each side shall be a minimum 48" apart horizontally. The top of the gripping surface of the handrail shall be 34" minimum and 38" maximum vertical above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. The gripping surface of handrails shall be 1.25" to 2" diameter, or a non-circular grip that has a perimeter dimension of 4" to 6.25" maximum. Provide a bottom rail that is maximum 4" from the ramp surface and prevents the passage of a 4" diameter sphere between the ramp surface and the rail. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above ramp surfaces. Handrails shall be at a consistent height above ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1.Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of ramp runs. Ramp handrails shall extend horizontally above the landing for 12" minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, where the extension of the handrail in the direction of the ramp run would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of the ramp run.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
50 LF	203.75	$ 10,188

Priority 2

Photos for Barrier ID: AX431949





Barrier ID: AX421024

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Auditorium Backstage
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist to operate.

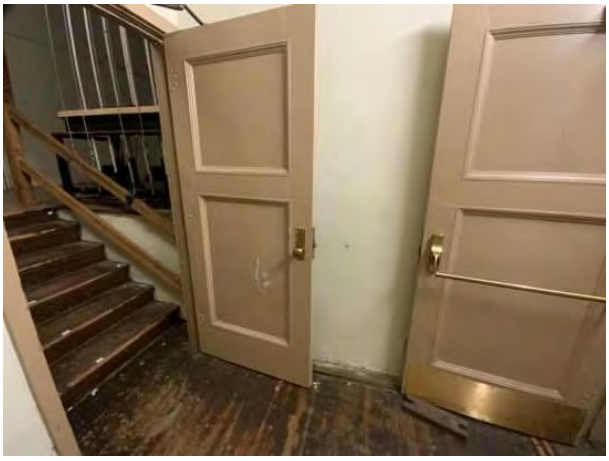
Resolution

Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX421024





Barrier ID: AX431946

Marshall Fundamental School SPORTS FACILITIES

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	206; 206.2.2

Barrier Detail

A compliant accessible route is not provided from the public access to the amenity.

Location Description	Baseball Field
Observed	Feb 5, 2024 by javondrick.orange

Site Conditions

There is no accessible route to the team players dug out area. The grass surface is not firm and stable. An approximate 160' long accessible route is required.

Resolution

Install an accessible route with minimum 36" clear width, and no more than 1:50 (2%) cross or 1:20 (5%) running slopes. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] An accessible route with a running slope greater than 1:20 (5%) is a ramp. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
640 SF	11.20	$ 7,168

Priority	2

Map for Barrier ID: AX431946



399 34.16323118214858,-118.10988068517048

Photos for Barrier ID: AX431946





Barrier ID: AX421243

Marshall Fundamental School SPORTS FACILITIES

Assembly	Baseball/Softball Field
Type	Player Seating
ADA Standard	221.2.1.4; 802.1
Barrier Detail	A wheelchair space is not provided at each team bench area at the ball field.
Location Description	Baseball Field
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair space clear width is 32 3/4".

Resolution

Provide at least one wheelchair space at each team or player seating area at the ball field. Wheelchair spaces shall not have slopes steeper than 1:48. A single wheelchair space shall be 36" wide minimum. Where two or more wheelchair spaces are provided, each wheelchair space shall be 33" wide minimum. Where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 48" deep minimum. Where a wheelchair space can be entered only from the side, the wheelchair space shall be 60" deep minimum. Each wheelchair space shall adjoin an accessible route. Accessible routes shall not overlap wheelchair spaces, and access to any wheelchair space cannot be through another wheelchair space. Wheelchair spaces shall not overlap circulation paths, which are aisle width required by building or safety codes. Where a circulation path provided is wider than the required aisle width, the wheelchair space may intrude into that portion of the circulation path that is provided in excess of the required aisle width. The wheelchair space shall provide lines of sight to the ball field play area.

Quantity	Unit Cost	Total Cost
12 SF	5.46	$ 66

Priority	2

Map for Barrier ID: AX421243



183 34.16291535400623,-118.11022025950717

Photos for Barrier ID: AX421243





Barrier ID: AX421283

Marshall Fundamental School BUILDING D

Assembly	Common Areas
Type	Locker Rooms
ADA Standard	222.1; 222.2; 803; 304
Barrier Detail	The locker rooms are not accessible.
Location Description	Boys Locker Room
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 300 lockers requiring 15 accessible lockers. There are 0 accessible lockers. The lockers hardware requires tight grasping to open and combination lock.

Resolution

Provide a compliant locker room/dressing room. Where dressing rooms, fitting rooms, or locker rooms are provided, at least 5 percent, but no fewer than one, of each type of use in each cluster provided shall comply. Where only unisex rooms are provided, unisex rooms shall be permitted. [EXCEPTION: In alterations, where it is technically infeasible to provide rooms, one room for each sex on each level shall comply.] Compliant turning space complying shall be provided within the room; Doors shall not swing into the room unless a clear floor or compliant ground space is provided beyond the arc of the door swing. BENCH: A compliant bench shall be provided within the room. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 42" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 42" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water. SHELVES AND COAT HOOKS: Where coat hooks or shelves are provided in dressing, fitting or locker rooms without individual compartments, at least one of each type shall comply. Where coat hooks or shelves are provided in individual compartments, at least one of each type shall be provided in individual compartments in dressing, fitting, or locker rooms required to comply. Shelves shall be 40" minimum and 48" maximum above the finish floor or ground. Coat hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]

Quantity	Unit Cost	Total Cost
15 EA	500.00	$ 7,500

Priority	2

Photos for Barrier ID: AX421283









Barrier ID: AX421008

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Building A Hallway
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The award case protrudes 18 1/8" into the circulation path at 33 3/4" above the floor.

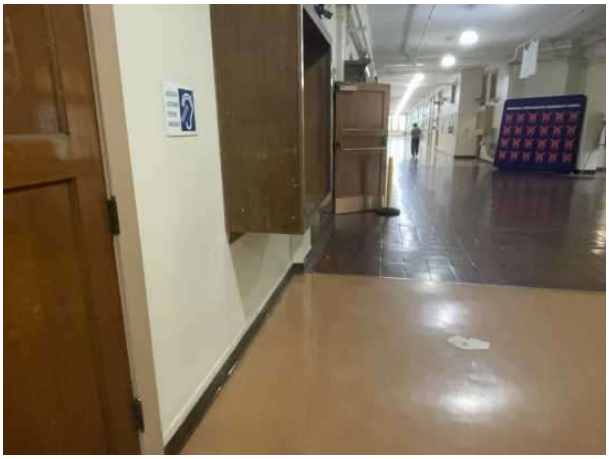
Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

Quantity	Unit Cost	Total Cost
2 EA	910.00	$ 1,820

Priority	2

Photos for Barrier ID: AX421008









Barrier ID: AX421050

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Building A Typical Offices
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 0" to 5".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
10 EA	125.00	$ 1,250

Priority	2

Photos for Barrier ID: AX421050





Barrier ID: AX421051

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Building A Typical Offices
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The doors require 6 to 18 pounds of pressure to operate.

Resolution

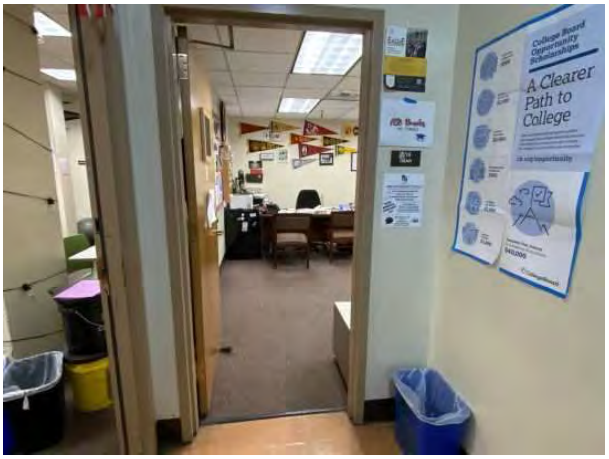
Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
10 EA	457.50	$ 4,575

Priority	2

Photos for Barrier ID: AX421051







Barrier ID: AX421999

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Building B Hallway
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The fire extinguishers protrude 5" into the circulation path at 47 1/2" above the floor.

Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

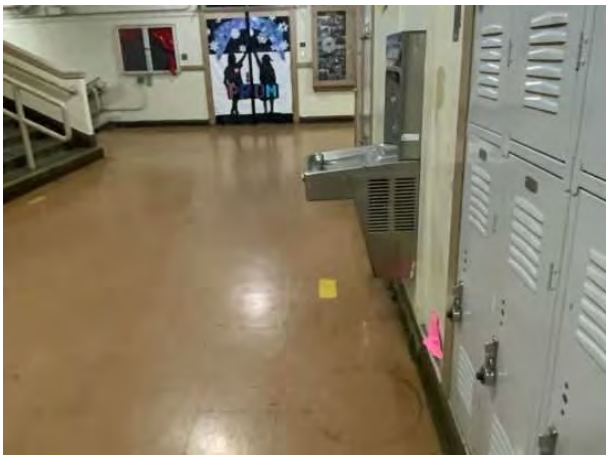
Quantity	Unit Cost	Total Cost
3 EA	910.00	$ 2,730

Priority	2

Photos for Barrier ID: AX421999











Barrier ID: AX422000

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Building B Typical Classrooms
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision lights are 55 5/8" to 56" above the floor.

Resolution

Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
20 EA	3,250.00	$ 65,000

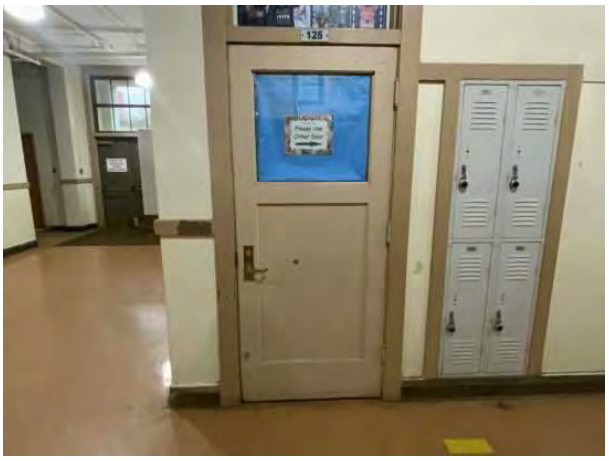
Priority	2

Photos for Barrier ID: AX422000









Barrier ID: AX422002

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Building B Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the push side the side clearance is 2".

Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX422002





Barrier ID: AX422003

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Building B Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 6 to 10 pounds of pressure to operate.

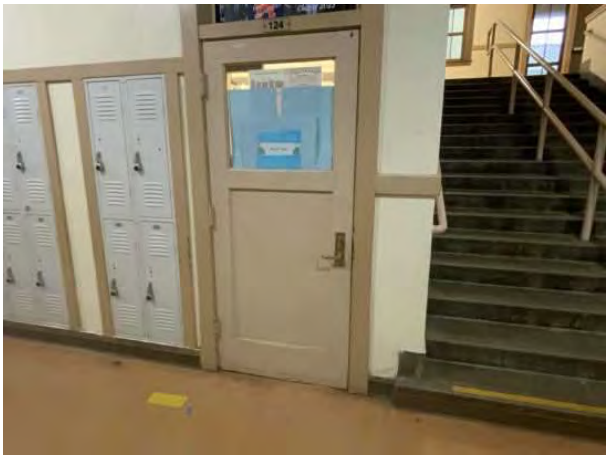
Resolution

Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
20 EA	457.50	$ 9,150

Priority	2

Photos for Barrier ID: AX422003







Barrier ID: AX422004

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Building B Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.08 to 3.60 seconds from 90 degrees to a position 12 degrees from latch.

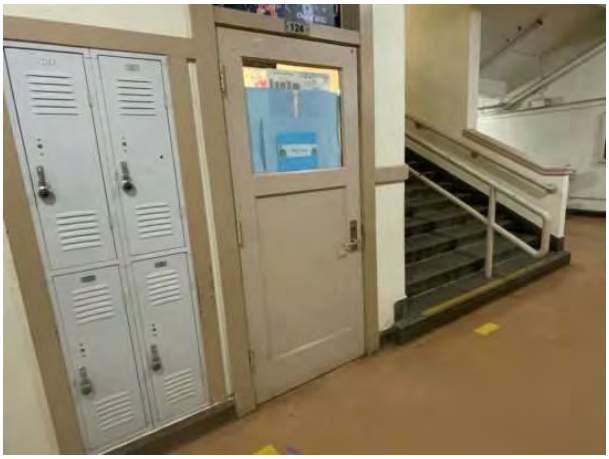
Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
20 EA	457.50	$ 9,150

Priority	2

Photos for Barrier ID: AX422004









Barrier ID: AX421253

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Building C Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 0" to 10". The door has a latch and closer.

Resolution

Relocate furniture to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
4 EA	125.00	$ 500

Priority	2

Photos for Barrier ID: AX421253









Barrier ID: AX421260

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Building C Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 10 to 12 pounds of pressure to operate.

Resolution

Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
4 EA	457.50	$ 1,830

Priority	2

Photos for Barrier ID: AX421260







Barrier ID: AX421330

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Building D Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27 1/4".
Width	27 1/4"

Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
3 EA	3,250.00	$ 9,750

Priority	2

Photos for Barrier ID: AX421330





Barrier ID: AX421331

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Building D Typical Classrooms
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision lights are 54 1/4" to 55 1/4" above the floor.

Resolution

Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
4 EA	3,250.00	$ 13,000

Priority	2

Photos for Barrier ID: AX421331









Barrier ID: AX421332

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Signage
ADA Standard	216.2, 703.2; 703.3; 703.5

Barrier Detail

The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.

Location Description	Building D Typical Classrooms
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Braille is missing/damaged on room signage.

Resolution

Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
4 EA	68.75	$ 275

Priority	2

Photos for Barrier ID: AX421332







Barrier ID: AX421944

Marshall Fundamental School BUILDING G

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Building G
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The fire extinguisher case protrudes 5 3/4" into the circulation path at 36 3/4" above the floor.

Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

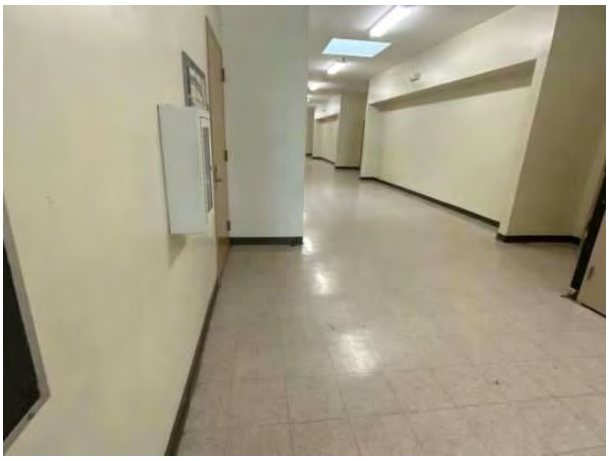
Quantity	Unit Cost	Total Cost
1 EA	910.00	$ 910

Priority	2

Photos for Barrier ID: AX421944







Barrier ID: AX422014

Marshall Fundamental School BUILDING M

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the entry door vision light is higher than 43".
Location Description	Building M Typical Classrooms
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision light is 44 1/4" above the floor.

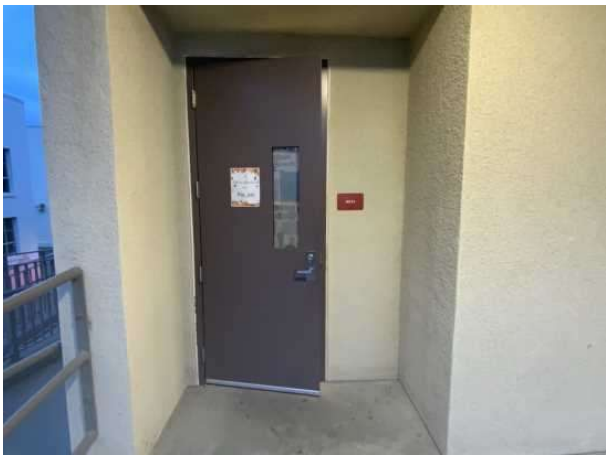
Resolution

Provide a door with the bottom of at least one of the glazing panels that permit viewing through the panels located 43" maximum above the finish floor. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
5 EA	3,250.00	$ 16,250

Priority	2

Photos for Barrier ID: AX422014





Barrier ID: AX422015

Marshall Fundamental School BUILDING M

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Building M Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.96 to 3 seconds from 90 degrees to a position 12 degrees from latch.

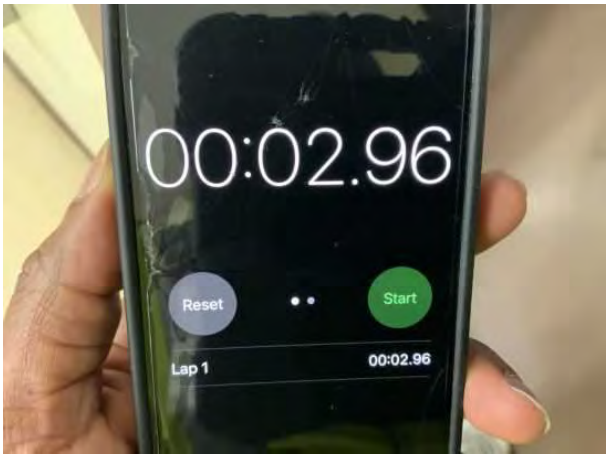
Resolution

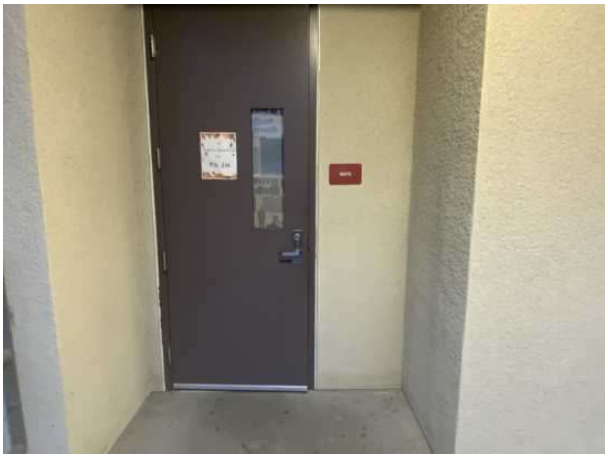
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
6 EA	457.50	$ 2,745

Priority	2

Photos for Barrier ID: AX422015





Barrier ID: AX422013

Marshall Fundamental School BUILDING M

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Building M Typical Classrooms
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision lights are 44 1/4" above the floor.

Resolution

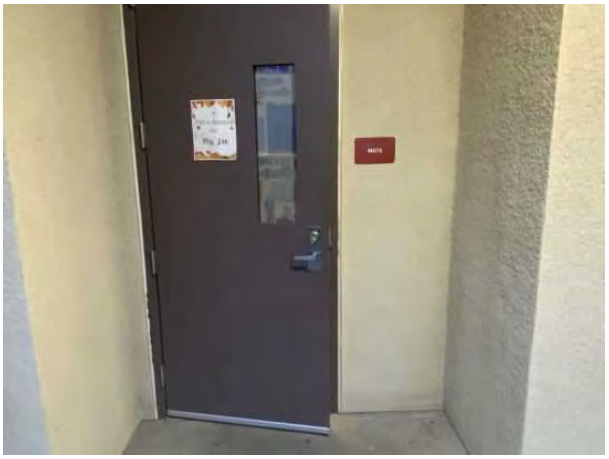
Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
3 EA	3,250.00	$ 9,750

Priority	2

Photos for Barrier ID: AX422013







Barrier ID: AX422017

Marshall Fundamental School BUILDING M

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Building M Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispensers protrude 8" into the circulation path at 50 3/4" above the floor.

Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

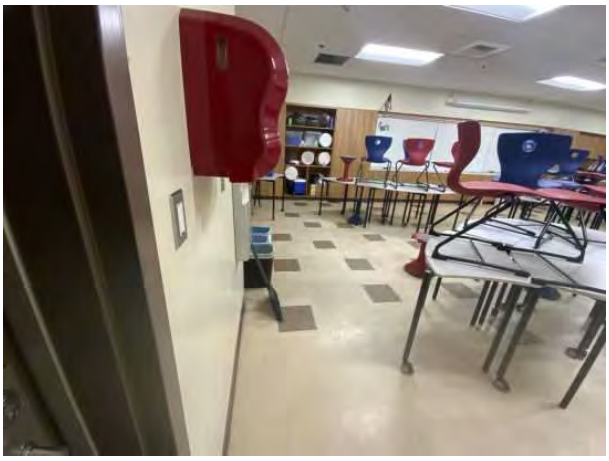
Quantity	Unit Cost	Total Cost
3 EA	910.00	$ 2,730

Priority	2

Photos for Barrier ID: AX422017







Barrier ID: AX421233

Marshall Fundamental School BUILDING F

Assembly	Common Areas
Type	Counter
ADA Standard	904.4

Barrier Detail

The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.

Location Description	Cafeteria
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The top of the counter is 47 3/8" above the floor.

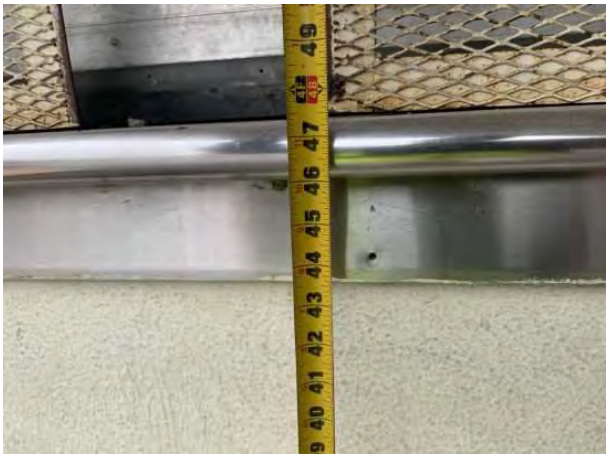
Resolution

Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]

Quantity	Unit Cost	Total Cost
5 LF	751.88	$ 3,759

Priority	2

Photos for Barrier ID: AX421233





Barrier ID: AX421230

Marshall Fundamental School BUILDING F

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.1, 703.4
Barrier Detail	Means of egress signage does not have tactile lettering.
Location Description	Cafeteria
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Tactile means of egress signage is not provided.

Resolution

Provide compliant means of egress signage at each exit passageway, exit discharge, and exit stairway. Signs at designated egress passageways, stairways, exit doors and areas of refuge shall include tactile signage. Signs shall be installed alongside the door at the latch side. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, sign shall be located on the nearest adjacent wall. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs containing tactile characters shall be located so that clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows- Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style" Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height. Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.]

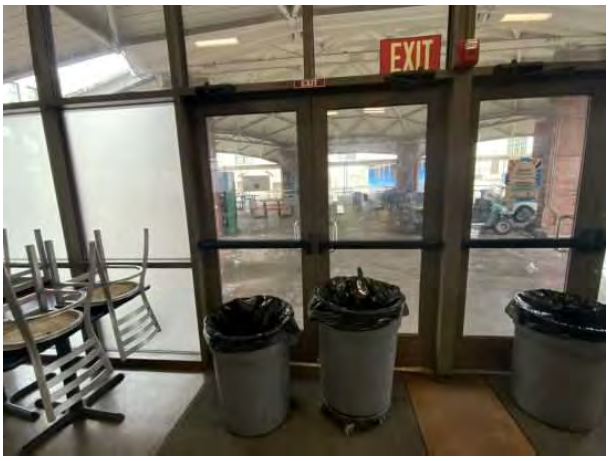
Quantity	Unit Cost	Total Cost
4 EA	68.75	$ 275

Priority	2

Photos for Barrier ID: AX421230









Barrier ID: AX421231

Marshall Fundamental School BUILDING F

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Cafeteria
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage is missing.

Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421231





Barrier ID: AX421047

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Classroom A101
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist to operate.

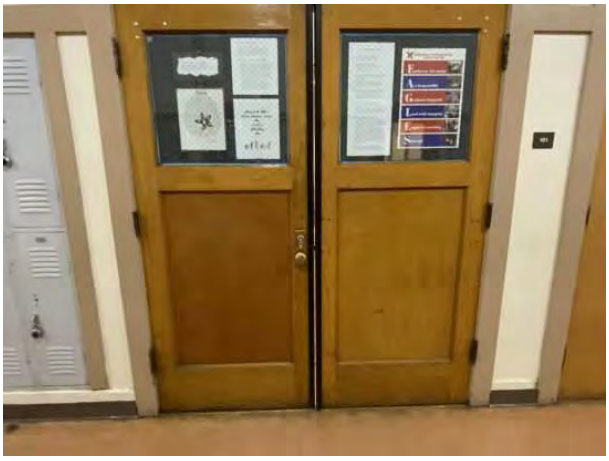
Resolution

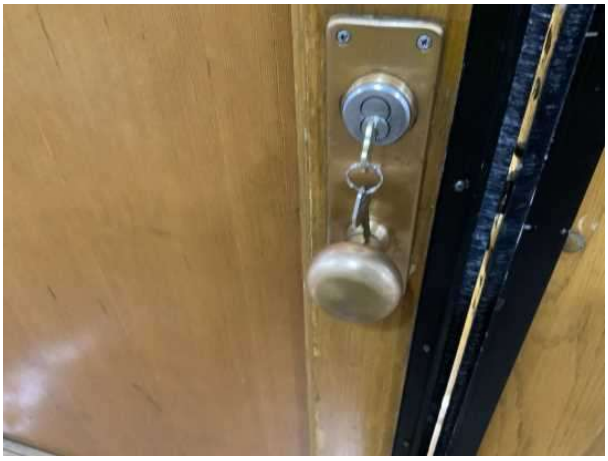
Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX421047





Barrier ID: AX421031

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Classroom A125
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist to operate.

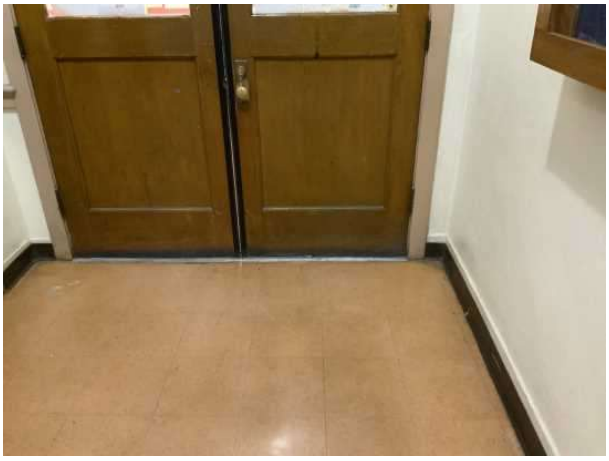
Resolution

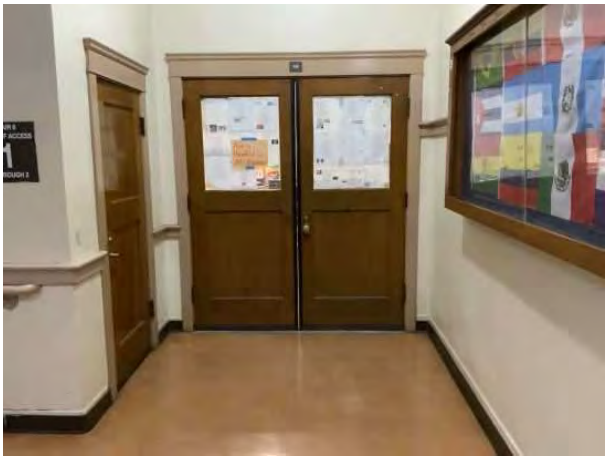
Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX421031





Barrier ID: AX421034

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Classroom A130
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser protrudes 8" into the circulation path at 50 5/8" above the floor.

Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

Quantity	Unit Cost	Total Cost
1 EA	910.00	$ 910

Priority	2

Photos for Barrier ID: AX421034







Barrier ID: AX421035

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	216.2, 703.2; 703.3; 703.5

Barrier Detail

The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.

Location Description	Classroom A130
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Braille is damaged and missing from room signage.

Resolution

Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421035







Barrier ID: AX421954

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Classroom A219
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist.

Resolution

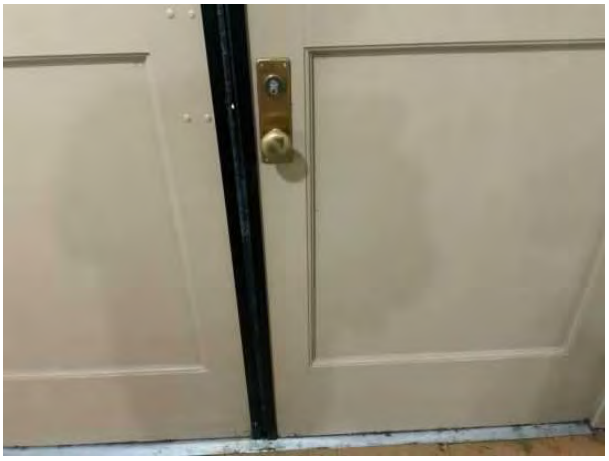
Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX421954





Barrier ID: AX421955

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Classroom A219
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the pull side the maneuvering clearance depth is 43 1/2".

Resolution

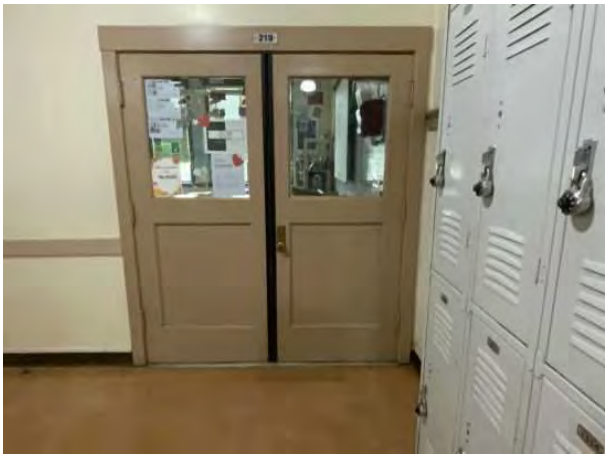
Relocate lockers to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421955





Barrier ID: AX421077

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Classroom B10
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 10 1/2" and the maneuvering clearance depth is 4 1/4". The door has a latch and closer.

Resolution

Redesign and relocate furniture to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

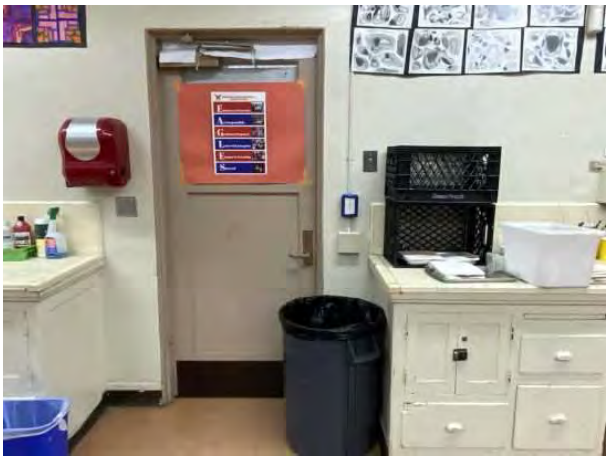
Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX421077







Barrier ID: AX421078

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Sink
ADA Standard	306.2 and 606.3

Barrier Detail

The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).

Location Description	Classroom B10
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The sink rim is 36 3/4" above the floor.
Height	36 3/4"

Resolution

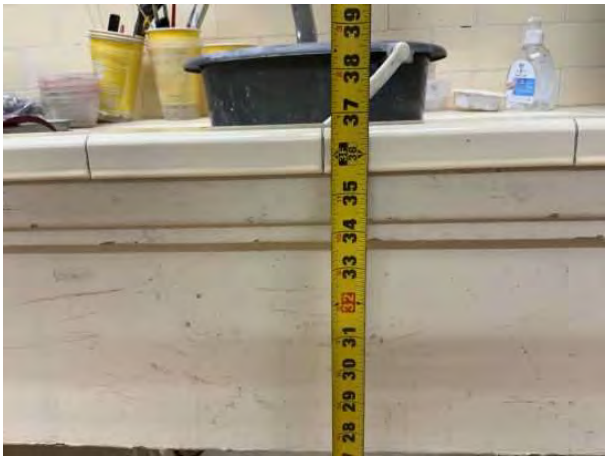
Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	2

Photos for Barrier ID: AX421078





Barrier ID: AX422007

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Classroom B123
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The hardware is a doorknob that requires tight grasping and twisting of the wrist to operate.

Resolution

Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX422007





Barrier ID: AX421247

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Classroom C151
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For approach on the pull side the maneuvering clearance depth is 42 1/2".

Resolution

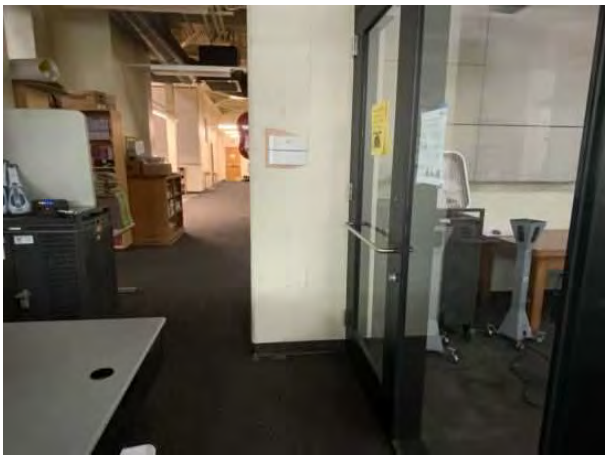
Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side or clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421247





Barrier ID: AX421246

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Classroom C151
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the highest tactile character is 61 5/8" above the floor.

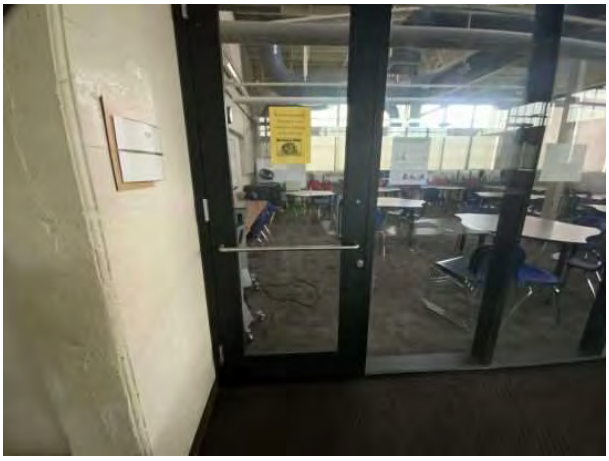
Resolution

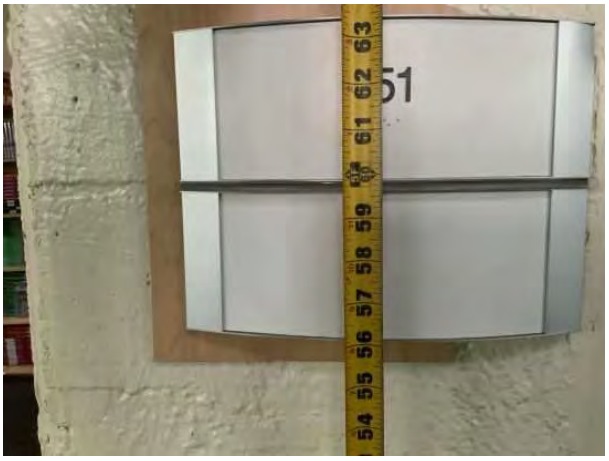
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421246





Barrier ID: AX421274

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Classroom C156
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser protrudes 8" into the circulation path at 52 3/4" above the floor.

Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

Quantity	Unit Cost	Total Cost
1 EA	910.00	$ 910

Priority	2

Photos for Barrier ID: AX421274







Barrier ID: AX421275

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Signage
ADA Standard	216.2, 703.2; 703.3; 703.5

Barrier Detail

The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.

Location Description	Classroom C159
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage does not have raised characters and missing braille.

Resolution

Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421275





Barrier ID: AX421948

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Dressing Room A15
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side there are 2 steps 17" above the floor within the maneuvering clearance.

Resolution

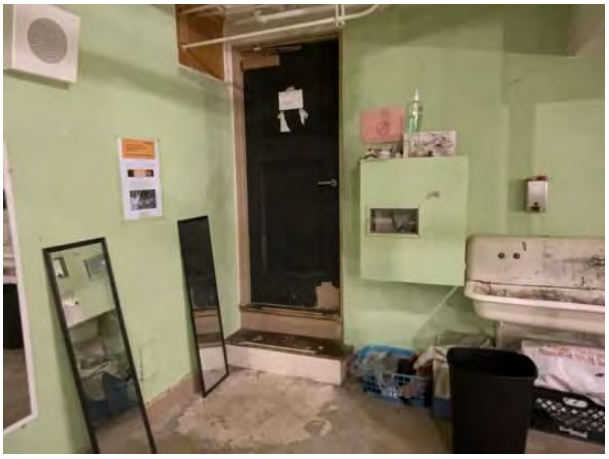
Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 0" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX421948





Barrier ID: AX421953

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Dressing Room A15
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a latch side approach on the pull side the side clearance is 2" and the maneuvering clearance depth is 37 1/2".

Resolution

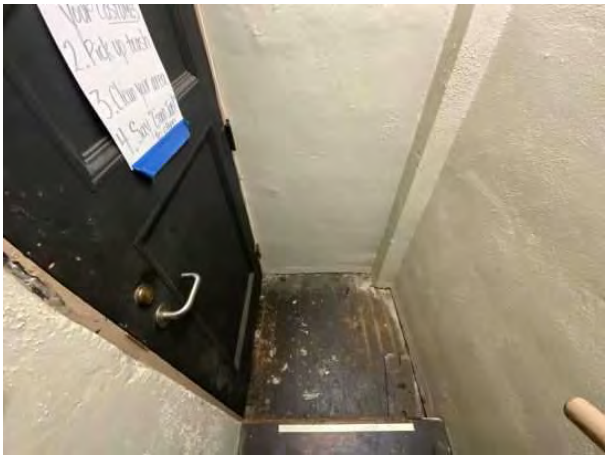
Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 42" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX421953







Barrier ID: AX421949

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Sink
ADA Standard	306.2 and 606.3

Barrier Detail

The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).

Location Description	Dressing Room A15
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The knee clearance height is 26 1/4".

Resolution

Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	2

Photos for Barrier ID: AX421949





Barrier ID: AX432540

Marshall Fundamental School BUILDING A

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	California Building Code Chap 11B-206.2.5

Barrier Detail

CALIFORNIA: An accessible route is not provided to each functional area in the restaurant, cafeteria, banquet facility, bar or similar facility, including sunken, raised and outdoor areas.

Location Description	Dressing Room A15 and Dressing Room A16
Observed	Dec 18, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Stairs provide the only access to the dressing rooms serving the stage area.

Resolution

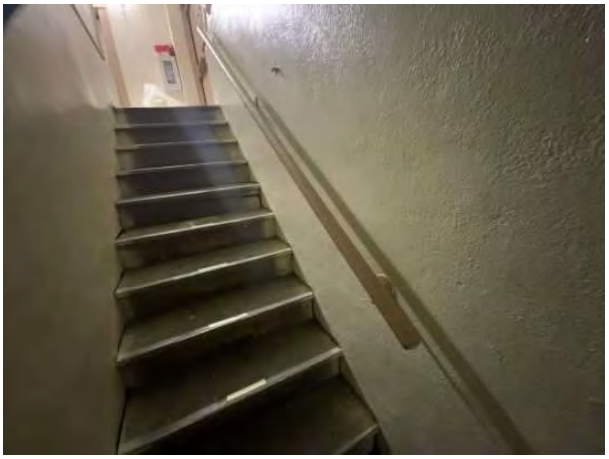
Provide an accessible route to each dressing rooms. An accessible route shall be provided to each sunken, raised and outdoor area. [EXCEPTION: In alterations, an accessible route is not required to a mezzanine if it contains less than 25% of the dining/seating area/serving area used by the public]. Interior accessible routes shall have minimum clear width of 36", maximum 5% running slope and maximum 2% cross slope. Exterior accessible routes for sidewalks and paths shall have minimum clear width of 48", maximum 5% running slope and maximum 2% cross slope. [EXCEPTION: Where rights-of-way, natural barriers or other existing conditions are present for an exterior accessible route for sidewalks and paths, the enforcing agency may determine that compliance with the 48" minimum clear width would create an unreasonable hardship. If the enforcing agency determines that an unreasonable hardship exists, the clear width may be reduced to 36" minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
2 EA	50,000.00	$ 100,000

Priority	2

Photos for Barrier ID: AX432540







Barrier ID: AX421021

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Dressing Room A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side there is 6" step within the maneuvering clearance.

Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX421021





Barrier ID: AX421016

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Sink
ADA Standard	306.2 and 606.3

Barrier Detail

The sink rim is higher than 34", and does not have knee and toe clearance (does not apply to mop basins, utility sinks, or bar sinks).

Location Description	Dressing Room A16
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The sink knee clearance height is 26 1/4".
Height	26 1/4"

Resolution

Relocate sink to compliant height with knee and toe clearances. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	2

Photos for Barrier ID: AX421016





Barrier ID: AX421239

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Football Field
Type	Bleacher Seating
ADA Standard	221; 802.2; 802.3

Barrier Detail

The required number of wheelchair spaces is not provided at the bleacher seating for the football field.

Location Description	Football Field - Away
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 72 total seats requiring 2 wheelchair spaces. No wheelchair spaces are provided.

Resolution

Provide wheelchair spaces at the bleacher seating to comply with Table 221.2.1.1. Number of Seats 4 to 25 - Minimum No. of Required Wheelchair Spaces 1; 25 to 50 seats- 2 wheelchair spaces; 51 to 150 seats- 4 wheelchair spaces; 151 to 300 seats- 5 wheelchair spaces; 301 to 500 seats-6 wheelchair spaces; 501 to 5000 seats- 6 wheelchair spaces, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over seats-36 wheelchair spaces, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall not have slopes steeper than 1:48. A single wheelchair space shall be 36" wide minimum. Where two or more wheelchair spaces are provided, each wheelchair space shall be 33" wide minimum. Where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 48" deep minimum. Where a wheelchair space can be entered only from the side, the wheelchair space shall be 60" deep minimum. Each wheelchair space shall adjoin an accessible route. Accessible routes shall not overlap wheelchair spaces, and access to any wheelchair space cannot be through another wheelchair space. Wheelchair spaces shall not overlap circulation paths, which are aisle width required by building or safety codes. Where a circulation path provided is wider than the required aisle width, the wheelchair space may intrude into that portion of the circulation path that is provided in excess of the required aisle width. The wheelchair space shall provide lines of sight to the field play area. In bleacher seating, wheelchair spaces shall not be required to be provided in rows other than rows at points of entry to bleacher seating. At least one companion seat shall be located at each required wheelchair seat. Companion seats must be located to provide shoulder alignment with adjacent wheelchair spaces. The shoulder alignment point of the wheelchair space shall be measured 36" from the front of the wheelchair space. The floor surface of the companion seat shall be at the same elevations as the floor surface of the wheelchair space.

Quantity	Unit Cost	Total Cost
24 SF	5.46	$ 131

Priority	2

Map for Barrier ID: AX421239



179 34.163985861364914,-118.1096745950718

Photos for Barrier ID: AX421239





Barrier ID: AX421237

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Football Field
Type	Bleacher Seating
ADA Standard	221; 802.2; 802.3

Barrier Detail

The required number of wheelchair spaces is not provided at the bleacher seating for the football field.

Location Description	Football Field - Home
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 180 total seats requiring 5 wheelchair spaces. No wheelchair spaces are provided.

Resolution

Provide wheelchair spaces at the bleacher seating to comply with Table 221.2.1.1. Number of Seats 4 to 25 - Minimum No. of Required Wheelchair Spaces 1; 25 to 50 seats- 2 wheelchair spaces; 51 to 150 seats- 4 wheelchair spaces; 151 to 300 seats- 5 wheelchair spaces; 301 to 500 seats-6 wheelchair spaces; 501 to 5000 seats- 6 wheelchair spaces, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over seats-36 wheelchair spaces, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall not have slopes steeper than 1:48. A single wheelchair space shall be 36" wide minimum. Where two or more wheelchair spaces are provided, each wheelchair space shall be 33" wide minimum. Where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 48" deep minimum. Where a wheelchair space can be entered only from the side, the wheelchair space shall be 60" deep minimum. Each wheelchair space shall adjoin an accessible route. Accessible routes shall not overlap wheelchair spaces, and access to any wheelchair space cannot be through another wheelchair space. Wheelchair spaces shall not overlap circulation paths, which are aisle width required by building or safety codes. Where a circulation path provided is wider than the required aisle width, the wheelchair space may intrude into that portion of the circulation path that is provided in excess of the required aisle width. The wheelchair space shall provide lines of sight to the field play area. In bleacher seating, wheelchair spaces shall not be required to be provided in rows other than rows at points of entry to bleacher seating. At least one companion seat shall be located at each required wheelchair seat. Companion seats must be located to provide shoulder alignment with adjacent wheelchair spaces. The shoulder alignment point of the wheelchair space shall be measured 36" from the front of the wheelchair space. The floor surface of the companion seat shall be at the same elevations as the floor surface of the wheelchair space.

Quantity	Unit Cost	Total Cost
60 SF	5.46	$ 328

Priority	2

Map for Barrier ID: AX421237



177 34.16332596421686,-118.10987794171619

Photos for Barrier ID: AX421237





Barrier ID: AX431841

Marshall Fundamental School SPORTS FACILITIES

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	206; 206.2.2

Barrier Detail

A compliant accessible route is not provided from the public access to the amenity.

Location Description	Football Field Bleachers
Observed	Feb 5, 2024 by javondrick.orange

Site Conditions

There is not accessible route provided to the bleachers. The path adjacent to the bleachers is dirt that is uneven, and a curb is not located in front of the bleachers.

Resolution

Install an accessible route with minimum 48" clear width, and no more than 1:50 (2%) cross or 1:20 (5%) running slopes. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] An accessible route with a running slope greater than 1:20 (5%) is a ramp. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. [EXCEPTION: An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
1000 SF	11.20	$ 11,200

Priority	2

Map for Barrier ID: AX431841



396 34.16336379056351,-118.11020590301354

Photos for Barrier ID: AX431841





Barrier ID: AX421293

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Girl's Locker Room - Office
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the maneuvering clearance depth is 15".

Resolution

Relocate furniture to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421293





Barrier ID: AX421294

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Girl's Locker Room - Office
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision light is 55 1/2" above the floor.
Height	55 1/2"

Resolution

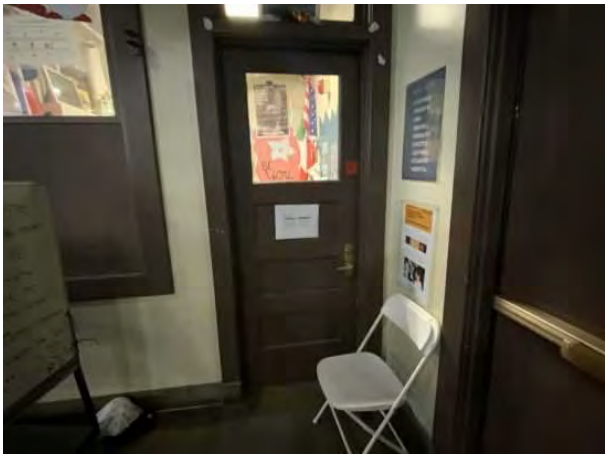
Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	2

Photos for Barrier ID: AX421294





Barrier ID: AX421295

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Girl's Locker Room - Office
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the pull side the side clearance is 6" and the maneuvering clearance depth is 38 1/8".

Resolution

Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

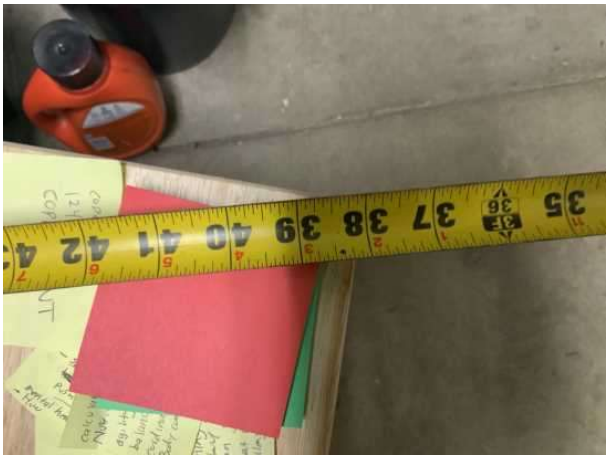
Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX421295







Barrier ID: AX421316

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Girls PE Office D241
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 15 pounds of pressure to operate.

Resolution

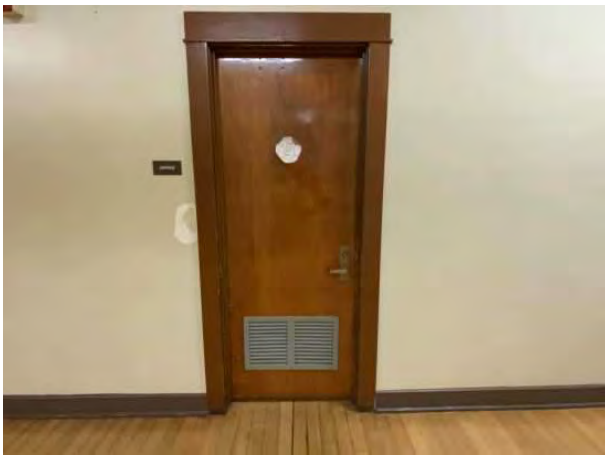
Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421316





Barrier ID: AX421317

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Girls PE Office D241
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 12".

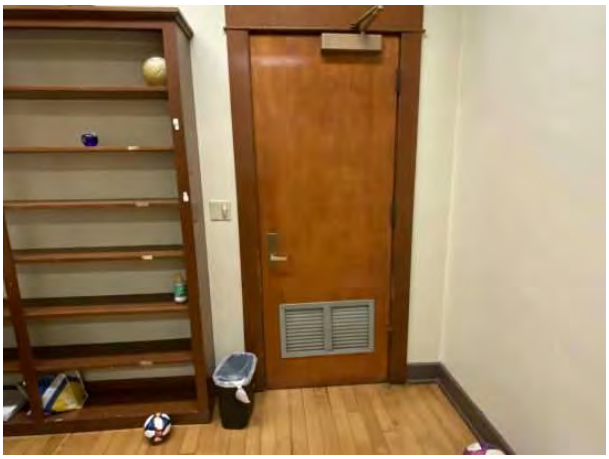
Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421317





Barrier ID: AX421315

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Girls PE Office D241
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Signage is located on the hinge side of the door.

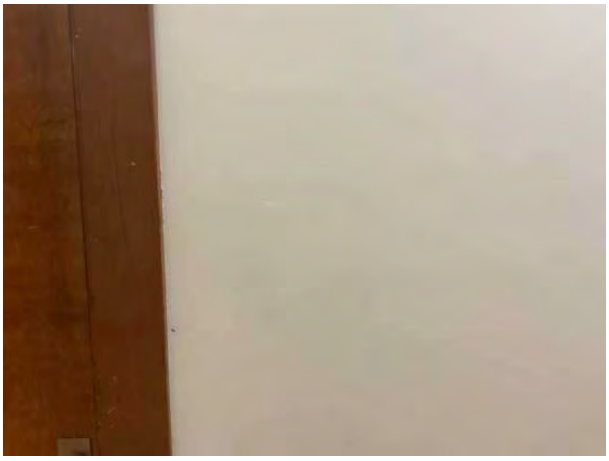
Resolution

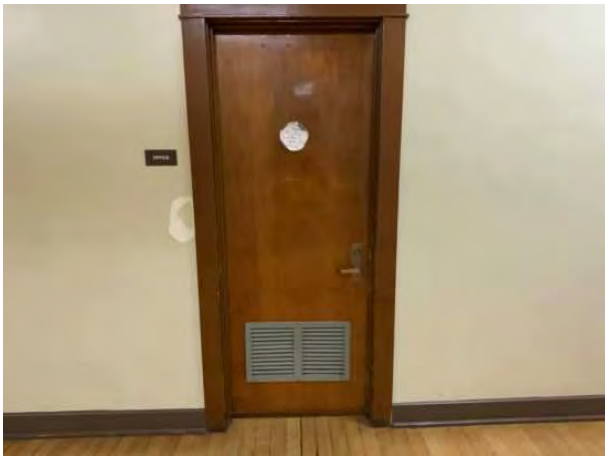
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421315





Barrier ID: AX421090

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Reach Range
ADA Standard	308, 309

Barrier Detail

Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.

Location Description	Health Clerk B09
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The defibrillator is located 64" above the floor.
Height	64"

Resolution

Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	2

Photos for Barrier ID: AX421090





Barrier ID: AX421249

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Library Offices
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 11 1/2".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
2 EA	125.00	$ 250

Priority	2

Photos for Barrier ID: AX421249





Barrier ID: AX420961

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Reach Range
ADA Standard	308, 309

Barrier Detail

Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.

Location Description	Main Entrance D-1
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door bell is 56" above the ground.
Height	56"

Resolution

Relocate part to within an allowable reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20" , the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	2

Map for Barrier ID: AX420961



13 34.163237530253085,-118.11266113491823

Photos for Barrier ID: AX420961





Barrier ID: AX420991

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Counter
ADA Standard	904.4

Barrier Detail

The sales or service counter does not have an accessible portion with maximum 36" height surface above finish floor or ground.

Location Description	Main Office A115
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The top of the counter is 41 1/4" above the floor.
Height	41 1/4"

Resolution

Provide a compliant counter. For a forward approach, install a minimum 30" long portion of the counter that is maximum 36" height above finish floor or ground, with knee and toe clearance. The depth of the accessible portion of the counter must equal the depth of the non-accessible portion. Provide clear space at the accessible portion of the counter that is oriented for a forward approach. For a parallel approach, install a minimum 36" long portion of the counter that is maximum 36" height above finish floor or ground, with clear space positioned for a parallel approach adjacent to the 36" minimum length of the counter. [EXCEPTION: Where the existing provided counter space is less than 36" long, the entire counter space shall be 36" maximum height above finish floor or ground.]

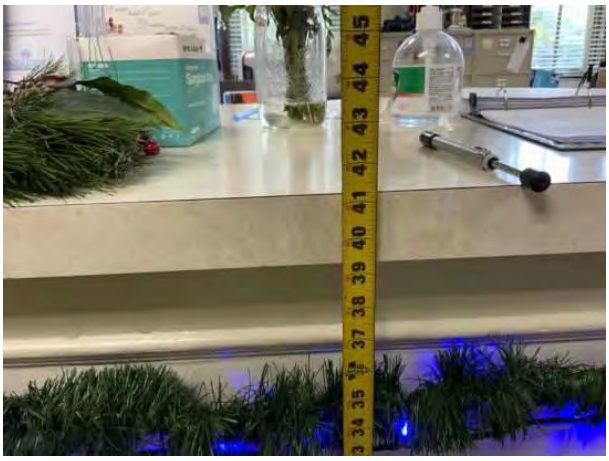
Quantity	Unit Cost	Total Cost
20 LF	751.88	$ 15,038

Priority	2

Photos for Barrier ID: AX420991









Barrier ID: AX420984

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Main Office A115
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 2". The door has a latch and closer.

Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX420984





Barrier ID: AX420995

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Main Office A115
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist to operate.

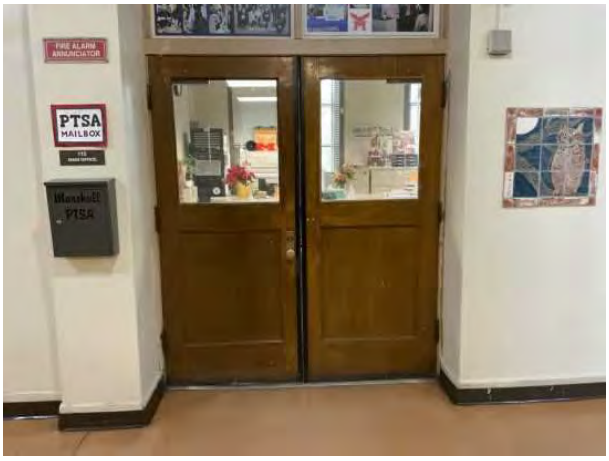
Resolution

Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX420995





Barrier ID: AX420986

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

Protruding objects in the 27" to 80" range above finished floor protrude more than 4" into the circulation path along the interior accessible route.

Location Description	Main Office A115
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser protrudes 8" into the circulation path at 49 1/8" above the floor.

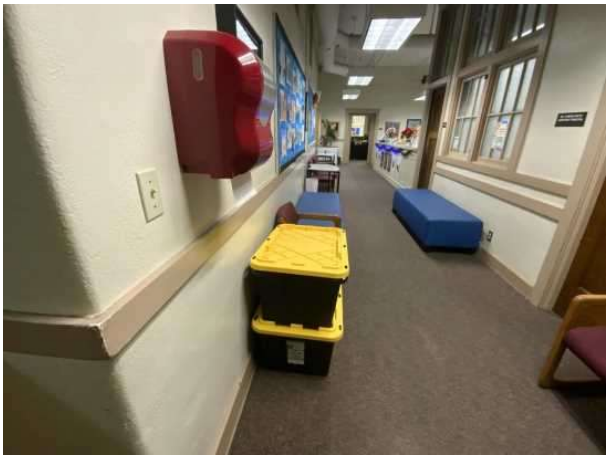
Resolution

Install cane detectors. Objects with leading edges higher than 27" and not more than 80" above the finish floor or ground shall protrude 4" maximum horizontally into the circulation path. [EXCEPTION: Handrails shall be permitted to protrude 4-1/2" maximum.]

Quantity	Unit Cost	Total Cost
1 EA	910.00	$ 910

Priority	2

Photos for Barrier ID: AX420986







Barrier ID: AX421062

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Service Counter
ADA Standard	CBC Chap 11B-306, 904.4

Barrier Detail

CALIFORNIA: The service counter does not have 36" long section that is 34" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 36" long section that is 34" maximum above the finished floor, with knee and toe clearance oriented for a forward approach.

Location Description	Office A006
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The top of the counter is 40" above the floor.

Resolution

Provide either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum long and 34" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be located adjacent to the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension adjacent to the compliant portion. [EXCEPTION: Where the provided counter surface is less then 36" long, the entire counter surface shall be 34" high maximum above the finish floor.] For a forward approach, a portion of the service counter must be 36" long and 34" high maximum, with knee and toe clearance. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be provided on the compliant portion of the counter, and oriented for a forward approach. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. Knee clearance shall be the space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element .Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
3 LF	751.88	$ 2,256

Priority	2

Photos for Barrier ID: AX421062





Barrier ID: AX421063

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Office A006 - Offices
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance 0" to 8 1/2".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
4 EA	125.00	$ 500

Priority	2

Photos for Barrier ID: AX421063













Barrier ID: AX420962

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Office A113
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The hardware is a knob that requires tight grasping and twisting of the wrist to operate.

Resolution

Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
1 EA	366.25	$ 366

Priority	2

Photos for Barrier ID: AX420962





Barrier ID: AX420989

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Office A113B
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 29".
Width	29"

Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	2

Photos for Barrier ID: AX420989





Barrier ID: AX420990

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Office A113B
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 8 1/4".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX420990





Barrier ID: AX420988

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Office A115A
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27".
Width	27"

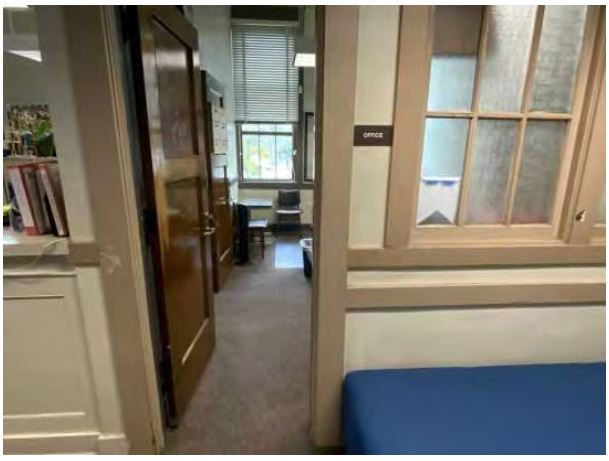
Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	2

Photos for Barrier ID: AX420988





Barrier ID: AX421054

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Office A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 6".

Resolution

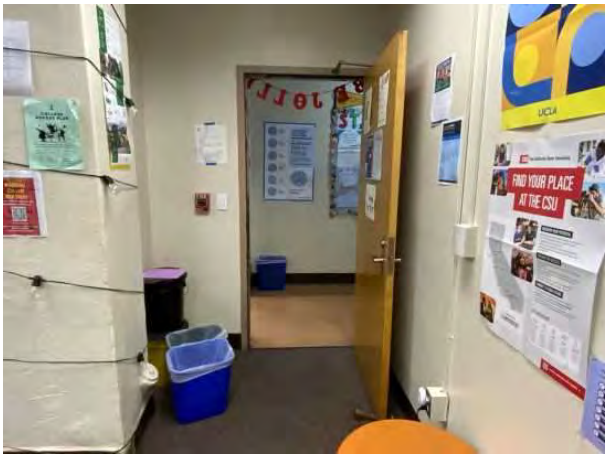
Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421054





Barrier ID: AX421055

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Interior Access Route
ADA Standard	403.3
Barrier Detail	The interior accessible route has non-compliant slopes.
Location Description	Office A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The accessible route has a cross slope of 2.5 for 5' in length by 5' wide.
Highest Cross Slope	2.5%

Resolution

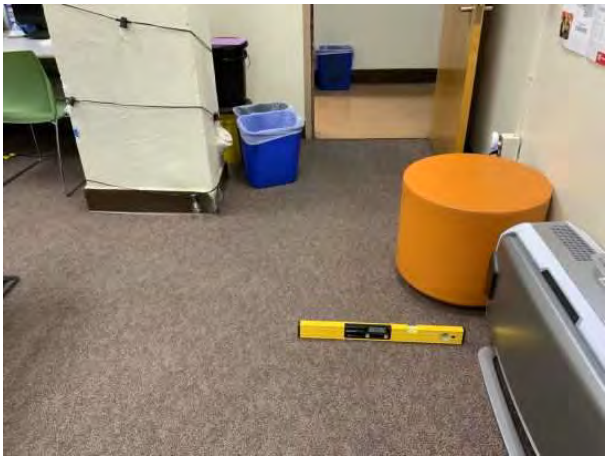
The floor surface should be graded to maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope and maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not exceeding 1:48 (2.08%) are permitted.] The clear width of walking surfaces shall be 36" minimum. [EXCEPTION: The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum.] Where grading to maximum running slope of 1:20 (5% running slope) is not possible, provide a compliant ramped surface within the walkway with maximum slope 1:12 (8.33%) and maximum ramp run rise of 6" without handrails. If a ramped surface with running slopes greater than 1:20 (5%) and maximum 1:12 (8.33%) rises more than 6", handrails are required. The cost estimate for this barrier removal is based on grading the running slope to maximum 1:20 (5%). The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
25 SF	42.64	$ 1,066

Priority	2

Photos for Barrier ID: AX421055





Barrier ID: AX421053

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Office A16
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage is not provided or covered.

Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421053





Barrier ID: AX421059

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Office A17
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 17 pounds of pressure to operate.

Resolution

Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421059





Barrier ID: AX421060

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Office A17
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 3.29 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421060





Barrier ID: AX421061

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Office A17
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a front approach on the pull side the side clearance is 5 1/4" and the maneuvering clearance depth is 46 1/4".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421061







Barrier ID: AX421058

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Office A17
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage does not have raised characters and missing braille.

Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421058





Barrier ID: AX421049

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Office A18
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 6". The door has a latch and closer.

Resolution

Relocate furniture to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421049





Barrier ID: AX421052

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Office A18
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.15 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

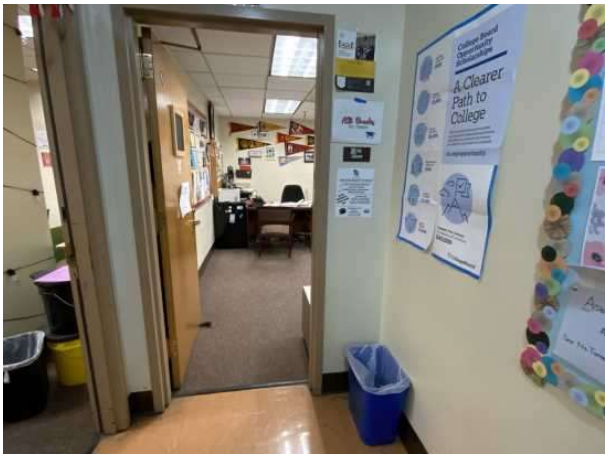
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421052





Barrier ID: AX421056

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Office A18
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 13 pounds of pressure to operate.

Resolution

Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421056





Barrier ID: AX421057

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Office A18
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.53 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

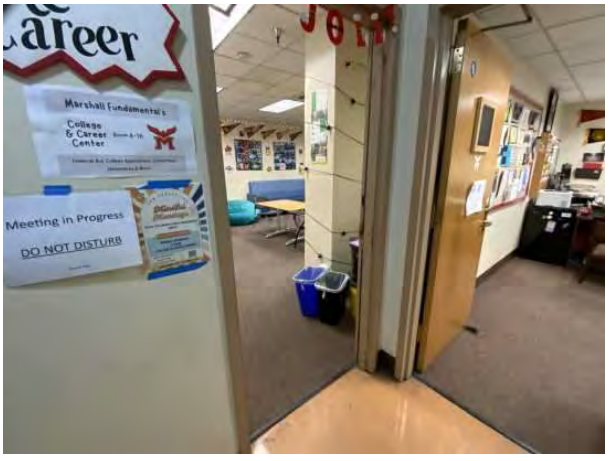
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421057





Barrier ID: AX421981

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Ramp
ADA Standard	405.2
Barrier Detail	The ramp running slope exceeds 1:12 (8.33%).
Location Description	Ramp R-1 (2nd Floor A Building)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The ramp running slope is 9.1%. The ramp is 15' long by 4' wide.
Highest Running Slope	9.1%

Resolution

Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]

Quantity	Unit Cost	Total Cost
15 LF	827.50	$ 12,413

Priority	2

Photos for Barrier ID: AX421981





Barrier ID: AX421982

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Ramp
ADA Standard	405.2
Barrier Detail	The ramp running slope exceeds 1:12 (8.33%).
Location Description	Ramp R-2 (2nd Floor A Building)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The ramp running slope is 9.0%. The ramp is 16' long by 4' wide.

Resolution

Remove and replace areas of the ramp run to provide a ramp run with maximum slopes 1:12 (8.33%). The cross slope of ramp surfaces shall be no greater than 1:50 (2.0%). [EXCEPTION: Cross slopes not greater than 1:48 are permitted.] Ramp runs shall have a running slope not steeper than 1:12. [EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities: Slope-Steeper than 1:10 but not steeper than 1:8; Maximum Rise is 3"; Steeper than 1:12 but not steeper than 1:10; Maximum Rise is 6". A slope steeper than 1:8 is prohibited.]

Quantity	Unit Cost	Total Cost
15 LF	827.50	$ 12,413

Priority	2

Photos for Barrier ID: AX421982





Barrier ID: AX421922

Marshall Fundamental School BUILDING M

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Referee - M Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 19 pounds of pressure to operate.

Resolution

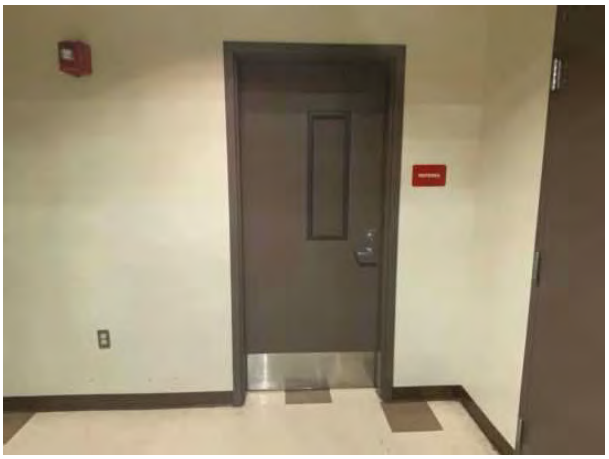
Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX421922





Barrier ID: AX421923

Marshall Fundamental School BUILDING M

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Referee - M Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 0".

Resolution

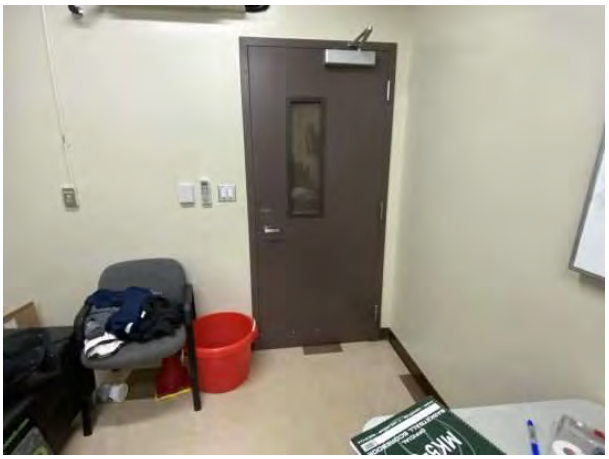
Relocate storage to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	2

Photos for Barrier ID: AX421923





Barrier ID: AX421046

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	216.2, 703.2; 703.3; 703.5

Barrier Detail

The interior signage does not have compliant visual and tactile characters, with raised or indented characters or symbols.

Location Description	Registrar A107
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage does not have raised characters and missing braille.

Resolution

Remove and replace signage with compliant signage. Raised characters shall be compliant and shall be duplicated in Braille. Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	2

Photos for Barrier ID: AX421046





Barrier ID: AX421245

Marshall Fundamental School SPORTS FACILITIES

Assembly	Baseball/Softball Field
Type	Bleacher Seating
ADA Standard	221.2.1.4; 802.1

Barrier Detail

The wheelchair space is not the minimum required dimensions at the bleacher seating for the baseball field.

Location Description	Softball Field
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The wheelchair space at the bleacher consist of a grass surface that is not firm and stable.

Resolution

Provide at least one wheelchair space at each bleacher for the baseball/softball field. Provide wheelchair spaces at the bleacher seating to comply with the following table: Number of Seats/Minimum No. of Required Wheelchair Spaces; under 25 seats- 1 wheelchair space; 25 to 50 seats- 2 wheelchair spaces; 51 to 150 seats- 4 wheelchair spaces; 151 to 300 seats- 5 wheelchair spaces; 301 to 500 seats-6 wheelchair spaces; 501 to 5000 seats- 6 wheelchair spaces, plus 1 for each 150, or fraction thereof, between 501 through 5000; 5001 and over seats-36 wheelchair spaces, plus 1 for each 200, or fraction thereof, over 5000. Wheelchair spaces shall not have slopes steeper than 1:48. A single wheelchair space shall be 36" wide minimum. Where two or more wheelchair spaces are provided, each wheelchair space shall be 33" wide minimum. Where a wheelchair space can be entered from the front or rear, the wheelchair space shall be 48" deep minimum. Where a wheelchair space can be entered only from the side, the wheelchair space shall be 60" deep minimum. Each wheelchair space shall adjoin an accessible route. Accessible routes shall not overlap wheelchair spaces, and access to any wheelchair space cannot be through another wheelchair space. Wheelchair spaces shall not overlap circulation paths, which are aisle width required by building or safety codes. Where a circulation path provided is wider than the required aisle width, the wheelchair space may intrude into that portion of the circulation path that is provided in excess of the required aisle width. The wheelchair space shall provide lines of sight to the ball play area.

Quantity	Unit Cost	Total Cost
48 SF	11.20	$ 538

Priority	2

Map for Barrier ID: AX421245



185 +34.162473, -118.109293

Photos for Barrier ID: AX421245





Barrier ID: AX421042

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Staff Lounge A109
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 28".

Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
2 EA	3,250.00	$ 6,500

Priority	2

Photos for Barrier ID: AX421042









Barrier ID: AX421043

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Reach Range
ADA Standard	308, 309

Barrier Detail

Items requiring an unobstructed forward reach motion are higher than 48" maximum or lower than 15" minimum height above finish floor.

Location Description	Staff Lounge A109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The card reader is 56" above the floor.

Resolution

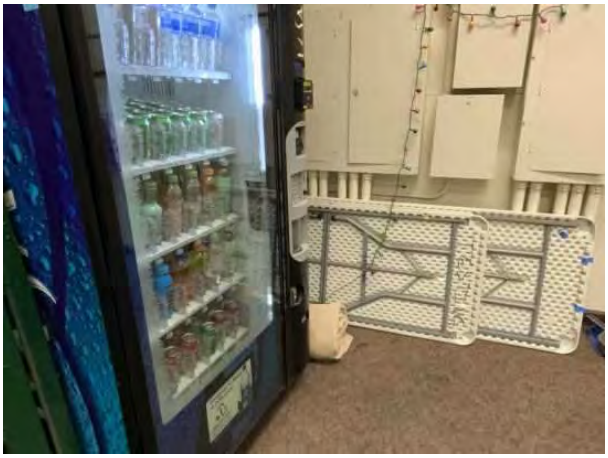
Relocate part to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	2

Photos for Barrier ID: AX421043





Barrier ID: AX421945

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	307.4, 404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Ticket Booth (A Building)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27".
Width	27"

Resolution

Remove and replace with a door that has a minimum clear opening of 32". Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	2

Photos for Barrier ID: AX421945





Barrier ID: AX421947

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Service Counter
ADA Standard	CBC Chap 11B-306, 904.4

Barrier Detail

CALIFORNIA: The service counter does not have 36" long section that is 34" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 36" long section that is 34" maximum above the finished floor, with knee and toe clearance oriented for a forward approach.

Location Description	Ticket Booth (A Building)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The top of the counter is 42" above the floor.

Resolution

Provide either a compliant parallel or a compliant forward approach to the counter. For a parallel approach, a portion of service counter must be 36" minimum long and 34" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be located adjacent to the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension adjacent to the compliant portion. [EXCEPTION: Where the provided counter surface is less then 36" long, the entire counter surface shall be 34" high maximum above the finish floor.] For a forward approach, a portion of the service counter must be 36" long and 34" high maximum, with knee and toe clearance. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be provided on the compliant portion of the counter, and oriented for a forward approach. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface. Knee clearance shall be the space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element .Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
3 LF	751.88	$ 2,256

Priority	2

Photos for Barrier ID: AX421947





Barrier ID: AX421032

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side of the recessed door, the side clearance is 2". The door has a latch and closer.

Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
4 EA	1,562.50	$ 6,250

Priority	2

Photos for Barrier ID: AX421032











Barrier ID: AX421029

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Typical Offices & Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision light is 48 1/4" above the floor.

Resolution

Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
20 EA	3,250.00	$ 65,000

Priority	2

Photos for Barrier ID: AX421029













Barrier ID: AX420963

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Workroom A128
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 3". The door has a latch and closer.

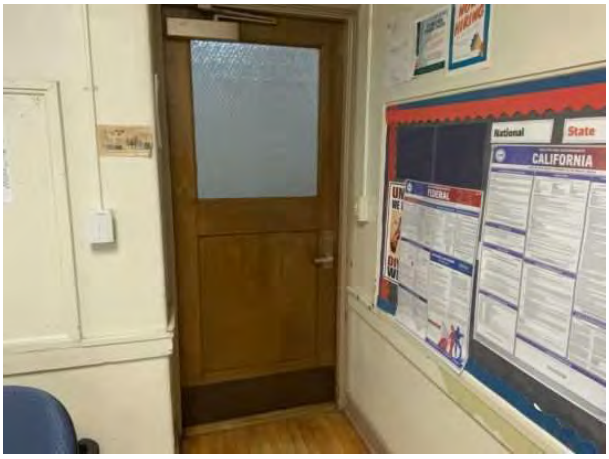
Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	2

Photos for Barrier ID: AX420963





Barrier ID: AX420972

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9

Barrier Detail

The opening force required to open the accessible, hinged, non-fire door is more than 5 pounds.

Location Description	Workroom A128
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 9 pounds of pressure to operate.

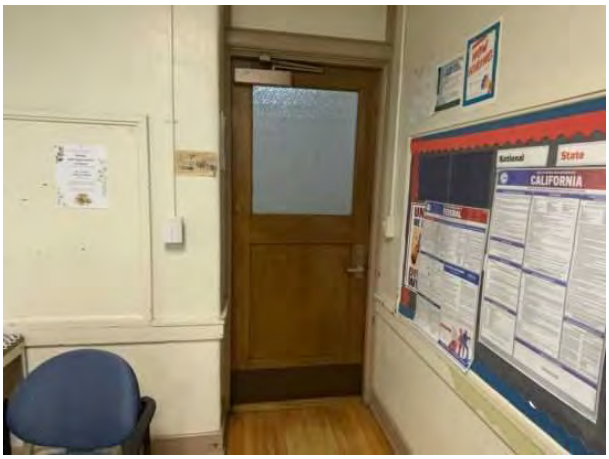
Resolution

Adjust the closer or replace with a door that requires no more than 5 pounds of force for pushing or pulling the door open. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be maximum 5 pounds. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	2

Photos for Barrier ID: AX420972





Barrier ID: AX431950

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Platform Lift
ADA Standard	CBD Chap 11B-410
Barrier Detail	CALIFORNIA: A platform lift is required but not provided.
Location Description	Auditorium A112
Observed	Feb 6, 2024 by javondrick.orange
Site Conditions	A lift is required to the stage, there is only stair access.

Resolution

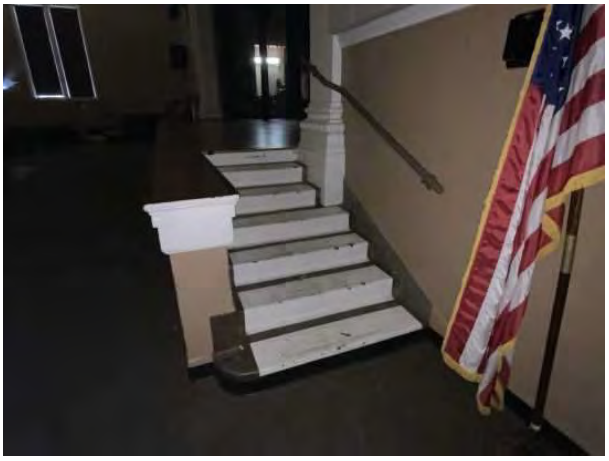
Install a compliant platform lift. A platform lift shall operate without an attendant and allow unassisted entry and exit from the lift. The platform lift shall be provided with a stand-by power source or self-charging standby battery capable of powering all functions for min. 5 upward and downward trips, in case of primary power loss. The doors/gates shall be low-energy power operated unless the following exception applies. [EXCEPTION: Platform lifts serving two landings maximum and having doors or gates on opposite sides are permitted to have self-closing manual doors or gates.] Where power-operated doors are provided, the door/gate shall open automatically and remain open for 20 seconds minimum. End doors shall provide 32" minimum clearance and side doors provide 42" minimum clearance. The floor surface in the platform lift shall be stable, firm and slip resistant, and maximum 2.08% slope. Clear floor space 30" minimum by 48" minimum shall be provided in the lift. Clear space of 30" minimum x 48" minimum for forward or parallel approach shall be provided at the controls, both within the platform lift and exterior controls. The clearance between the platform sill and the edge of any runway landing shall be 1-1/4" maximum. The controls shall be within reach range and operable with one hand without tight grasping, pinching, or twisting of the wrist motions. Install a sign stating "NO FREIGHT" and the International Symbol of Accessibility posted at a conspicuous place at each landing and within the platform enclosure.

Quantity	Unit Cost	Total Cost
1 EA	28,156.25	$ 28,156

Priority	3

Photos for Barrier ID: AX431950





Barrier ID: AX431945

Marshall Fundamental School SPORTS FACILITIES

Assembly	Exterior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Baseball Field
Observed	Feb 6, 2024 by javondrick.orange
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	3,132.00	$ 3,132

Priority	3

Map for Barrier ID: AX431945



398 34.1632414764489,-118.11020078564385

Photos for Barrier ID: AX431945





Barrier ID: AX421282

Marshall Fundamental School BUILDING D

Assembly	Common Areas
Type	Locker Rooms
ADA Standard	903
Barrier Detail	The locker room does not have a compliant bench.
Location Description	Boys Locker Room
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bench depth is 9 1/4" and does not have back support.

Resolution

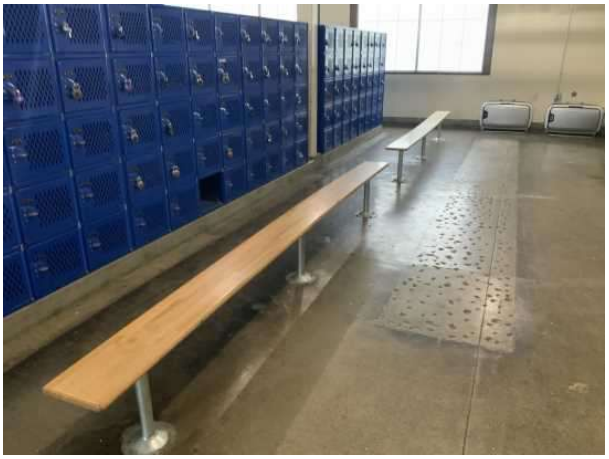
Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum x 40" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 48" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench provide back support or be affixed to a wall. Back support shall be 48" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2 1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.

Quantity	Unit Cost	Total Cost
1 EA	562.50	$ 563

Priority	3

Photos for Barrier ID: AX421282







Barrier ID: AX421290

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

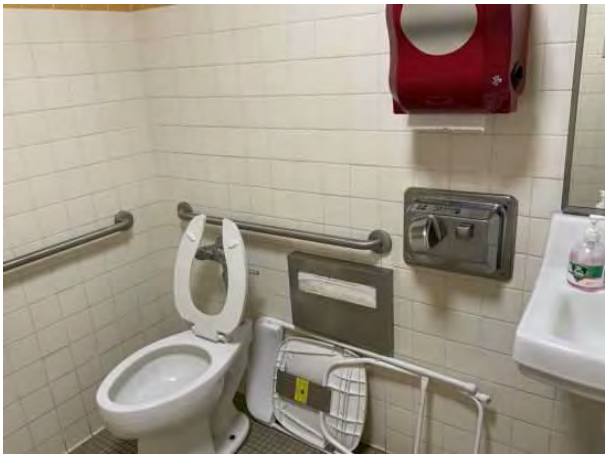
Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421290





Barrier ID: AX421286

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 22 pounds of pressure to operate.

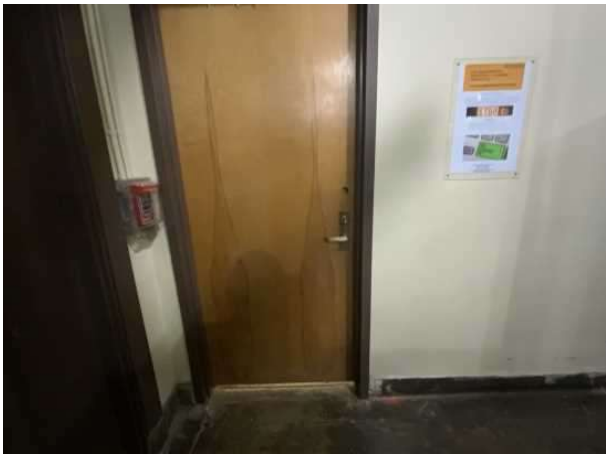
Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421286





Barrier ID: AX421287

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.14 seconds from 90 degrees to a position 12 degrees from latch.

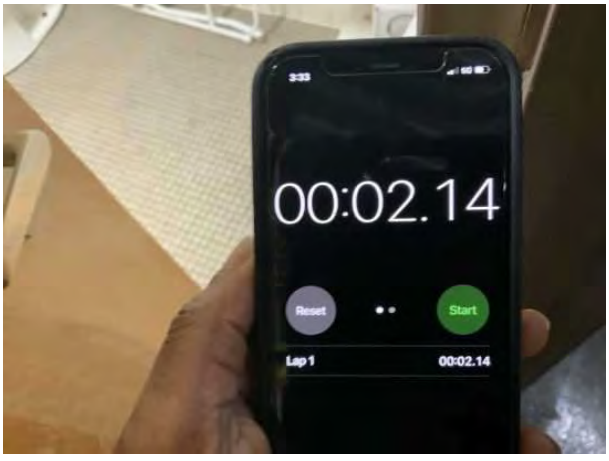
Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421287





Barrier ID: AX421288

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.2; 305

Barrier Detail

The lavatory does not have the required clear floor space of minimum 30" by minimum 48".

Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Storage is located in the clear floor space of the lavatory.

Resolution

Relocate the storage to provide minimum 30" by minimum 48" clear floor space positioned for a forward approach to the lavatory. Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421288





Barrier ID: AX421289

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.2 and 606.3
Barrier Detail	The lavatory is mounted higher than 34" to the higher of the rim or counter.
Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The sink rim is 34 1/4" above the floor.

Resolution

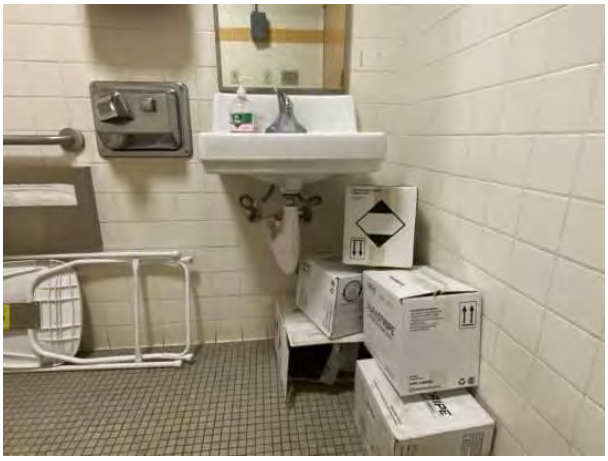
Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX421289





Barrier ID: AX421284

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The men's restroom does not have compliant signage at the door.

Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The restroom door signage is not provided.

Resolution

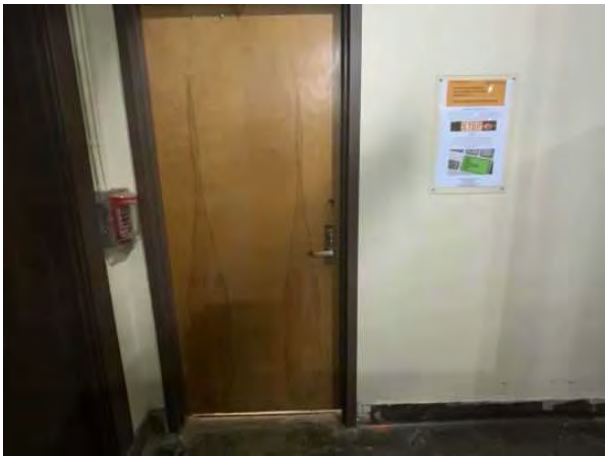
Install compliant signage. The men's restroom/bathing room geometric symbol shall be an equilateral triangle 1/4" thick, with edges 12" long and a vertex pointing upward. The triangle shall contrast with the door or doorway, either light on dark or dark on light. Each doorway leading to men's restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: Signs with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421284





Barrier ID: AX421285

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is provided on the latch side of the door.

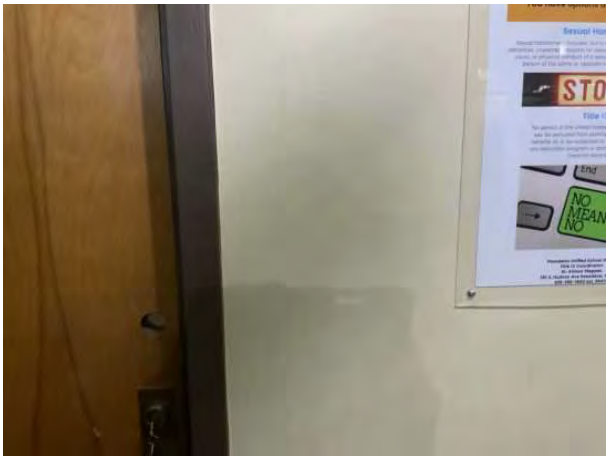
Resolution

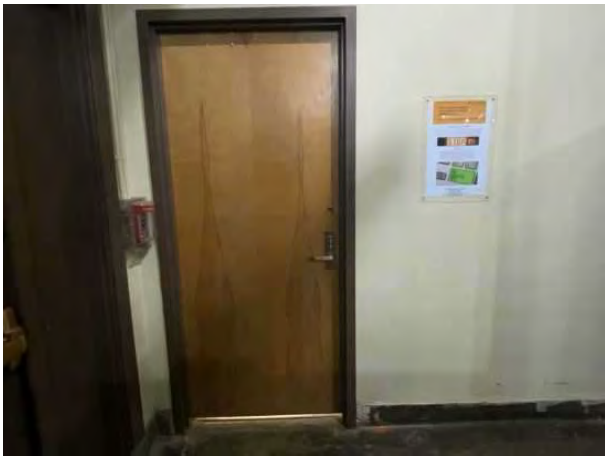
Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421285





Barrier ID: AX421291

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.1
Barrier Detail	The side grab bar at the water closet is not compliant.
Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The side grab is 36".

Resolution

Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421291





Barrier ID: AX421292

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Boys Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 11" in front of the water closet.

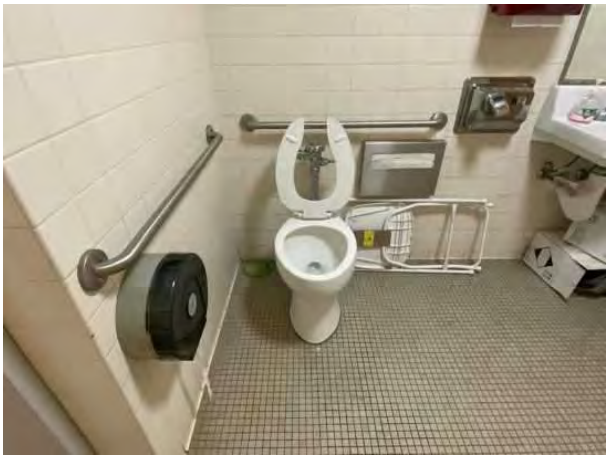
Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421292





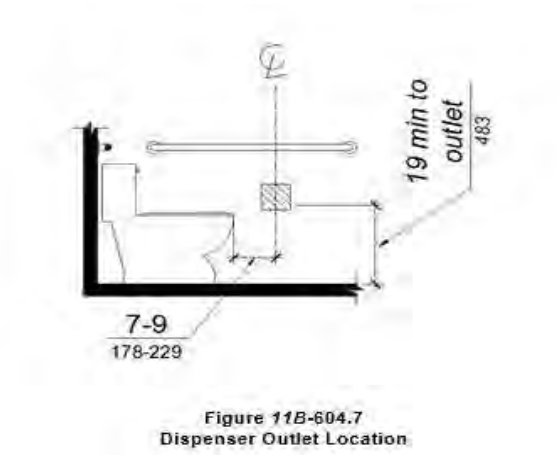


Figure *11B*-604.7
Dispenser Outlet Location

Barrier ID: AX421276

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 28".

Resolution

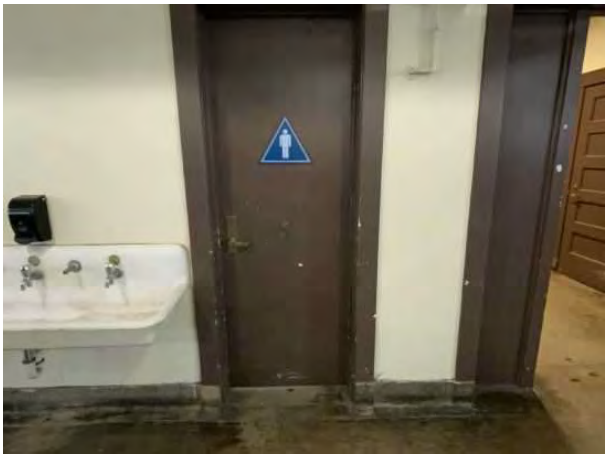
Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	1,405.00	$ 1,405

Priority	3

Photos for Barrier ID: AX421276





Barrier ID: AX421278

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the push side the side clearance 6".

Resolution

Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421278





Barrier ID: AX421279

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 18 pounds of pressure to operate.

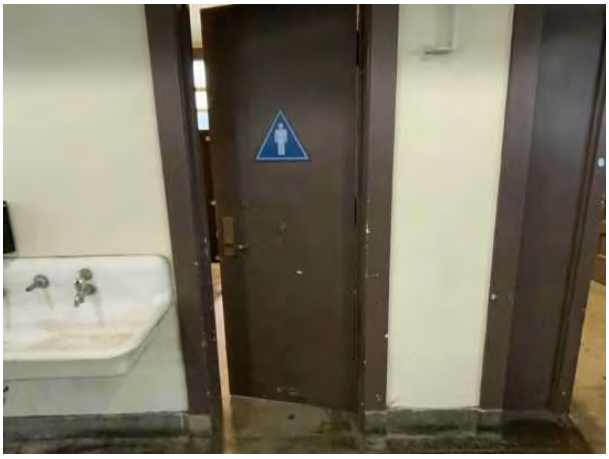
Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421279





Barrier ID: AX421280

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

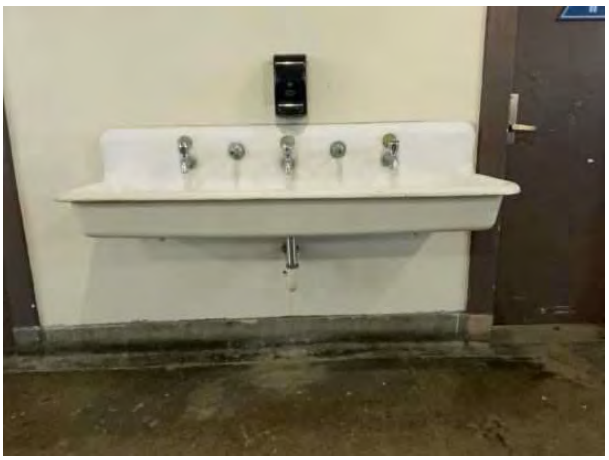
Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421280





Barrier ID: AX421281

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606; 306
Barrier Detail	The lavatory does not have the required knee clearance.
Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The knee clearance height is 25".

Resolution

Relocate the lavatory to provide compliant knee clearance. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance. Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee and toe clearance shall be 30" wide minimum.

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX421281





Barrier ID: AX421277

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Boys Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

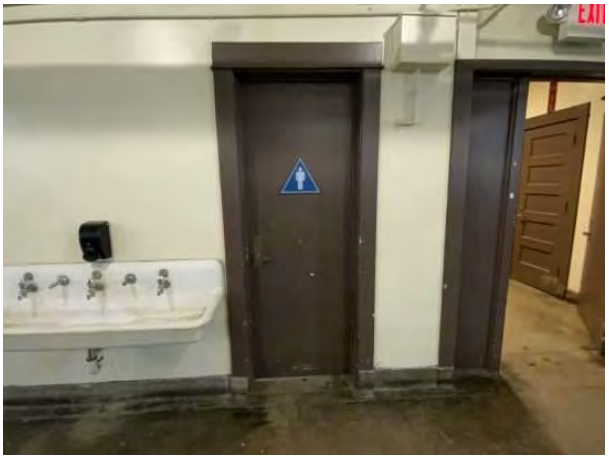
Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421277







Barrier ID: AX421000

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Boys Restroom - A Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 42" and 54" above the floor.

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
2 EA	250.00	$ 500

Priority	3

Photos for Barrier ID: AX421000







Barrier ID: AX421001

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421001





Barrier ID: AX420998

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 4 1/2".

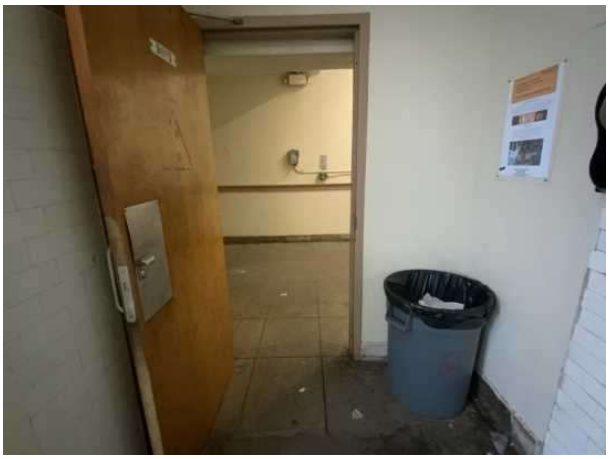
Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX420998





Barrier ID: AX420999

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

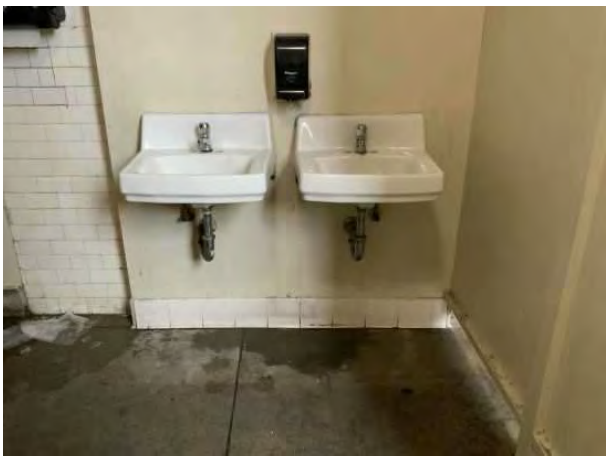
Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX420999





Barrier ID: AX420996

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The men's restroom does not have compliant signage at the door.

Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom door signage is not provided.

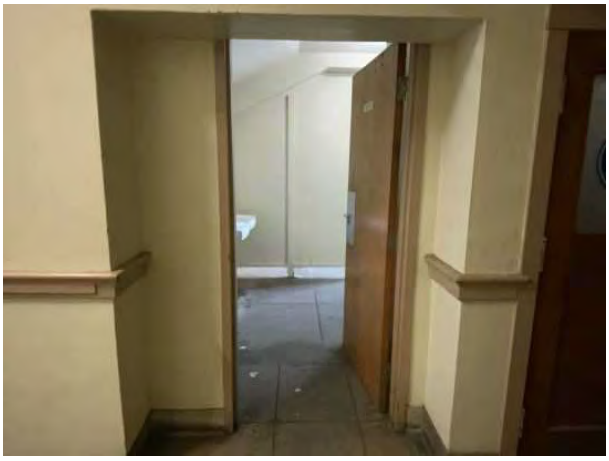
Resolution

Install compliant signage. The men's restroom/bathing room geometric symbol shall be an equilateral triangle 1/4" thick, with edges 12" long and a vertex pointing upward. The triangle shall contrast with the door or doorway, either light on dark or dark on light. Each doorway leading to men's restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: Signs with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX420996





Barrier ID: AX420997

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is missing from the latch side of the door.

Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

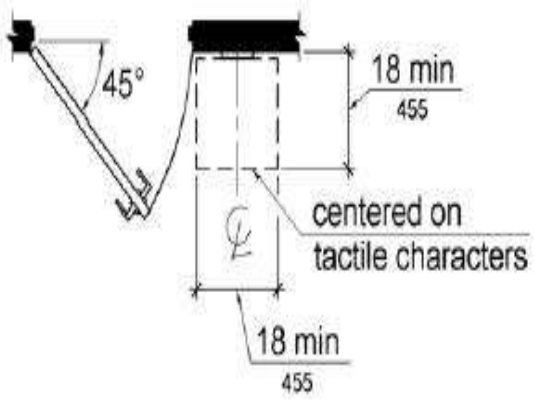
Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

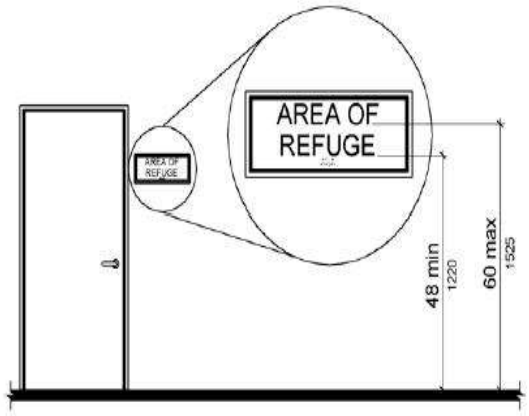
Priority	3

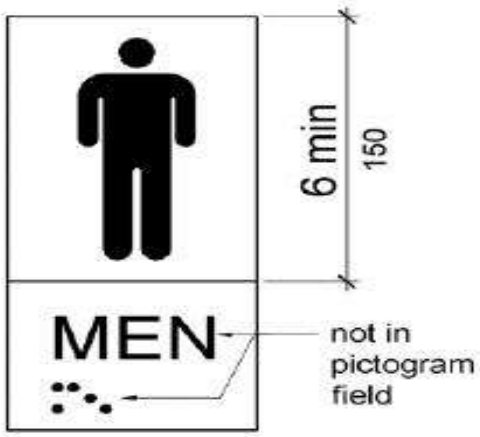
Photos for Barrier ID: AX420997











Barrier ID: AX421006

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.2.2
Barrier Detail	The ambulatory stall door is not compliant.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The ambulatory stall door is not self closing and missing inside door pull.

Resolution

Toilet compartment doors for ambulatory stalls, including door hardware, shall be minimum 32" wide and minimum 80" high. If the approach is to the latch side of the compartment door, clearance between the exterior side of the door of the compartment and any obstruction shall be 42" minimum. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. An ambulatory stall is minimum 60" deep and the width is minimum 35" and maximum 37". Grab bars shall be provided on both sides of the compartment. The side grab bars shall be 33" minimum to 36" maximum above finish floor to the top of the gripping surface, except in children's water closets where horizontal grab bars shall be 18" minimum and 27" maximum above the finish floor to the top of the gripping surface. Horizontal grab bars should be installed at the same height. The side wall grab bars shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. The centerline of the toilet shall be minimum 17" to maximum 19" from the side wall. Toilet compartment doors for ambulatory stalls shall be minimum 32" wide when open 90 degrees and have minimum 80" high clearance. If the approach is to the latch side of the compartment door, clearance between the exterior side of the door of the compartment and any obstruction shall be 42" minimum. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421006





Barrier ID: AX421007

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	213.3.1, 309, 404.2.7, 604.8.2

Barrier Detail

The ambulatory stall size is not compliant, or an ambulatory stall is not provided.

Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The width of the ambulatory stall is 43".

Resolution

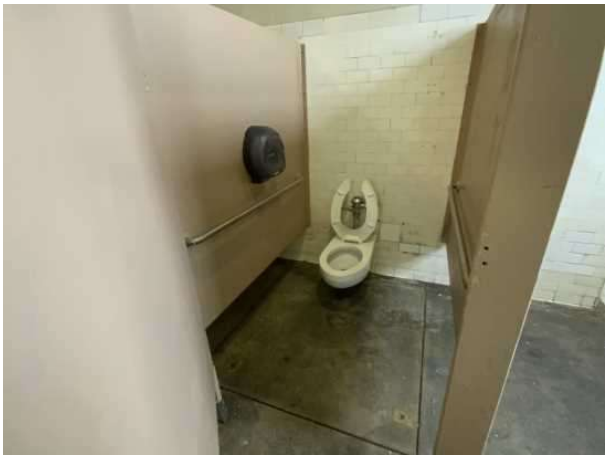
Provide a compliant ambulatory stall, where six or more toilet compartments are provided or where the combination of urinals and water closets totals six or more fixtures. An ambulatory stall is minimum 60" deep and the width is minimum 35" and maximum 37". Grab bars shall be provided on both sides of the compartment. The side grab bars shall be 33" minimum to 36" maximum above finish floor to the top of the gripping surface, except in children's (ages 3-12) water closets where horizontal grab bars shall be 18" minimum and 27" maximum above the finish floor to the top of the gripping surface. Horizontal grab bars should be installed at a consistent height. The side wall grab bars shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. The centerline of the toilet shall be minimum 17" to maximum 19" from the side wall. Toilet compartment doors for ambulatory stalls shall be minimum 32" wide when open 90 degrees and have minimum 80" high clearance. If the approach is to the latch side of the compartment door, clearance between the exterior side of the door of the compartment and any obstruction shall be 42" minimum. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19".]

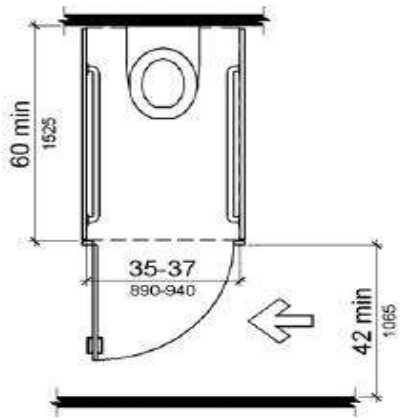
Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX421007







Barrier ID: AX421002

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Urinal
ADA Standard	213.3.3, 605.2
Barrier Detail	The urinal dimensions are not compliant.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The urinal rim is 24 1/2" above the floor.

Resolution

Replace or relocate the urinal. Urinals shall be the stall-type or the wall-hung type. Wall-hung urinals shall be installed with the rim 17" maximum above the finish floor or ground. Urinals shall be 13-1/2" deep minimum measured from the outer face of the urinal rim to the back of the fixture. Flush controls shall be hand operated or automatic. Flush controls shall be within allowable reach ranges.

Quantity	Unit Cost	Total Cost
1 EA	1,168.75	$ 1,169

Priority	3

Photos for Barrier ID: AX421002







Barrier ID: AX421004

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421004

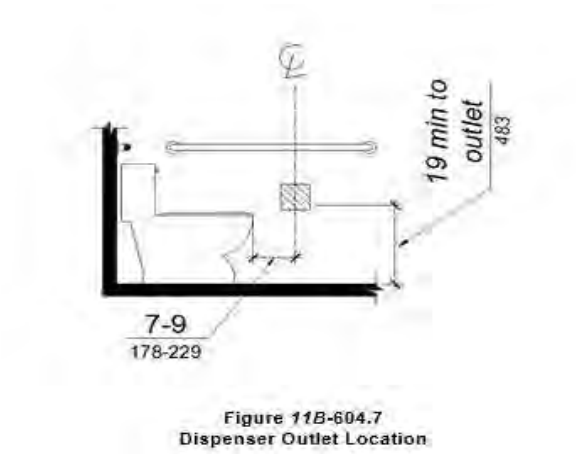


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421005

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Boys Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 7 1/4" from the centerline of the water closet on the closed side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421005





Barrier ID: AX421003

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom-Door
ADA Standard	604.8.1.2
Barrier Detail	The wheelchair stall door is not self closing.
Location Description	Boys Restroom - A Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair star door is not self closing.

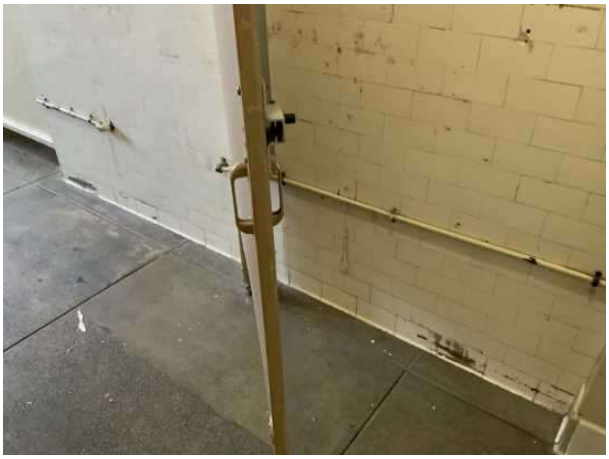
Resolution

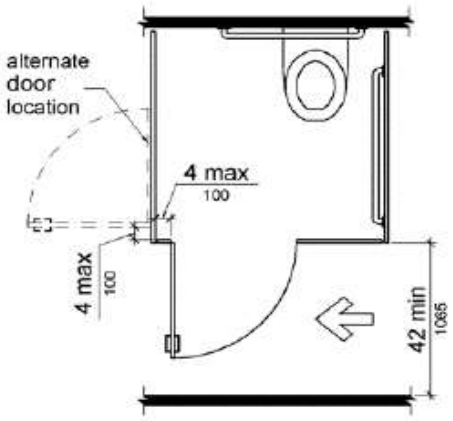
Remove hinge hardware and replace with hardware which provides self-closing of the door.

Quantity	Unit Cost	Total Cost
1 EA	366.00	$ 366

Priority	3

Photos for Barrier ID: AX421003







Barrier ID: AX421986

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 12 pounds of pressure to operate.

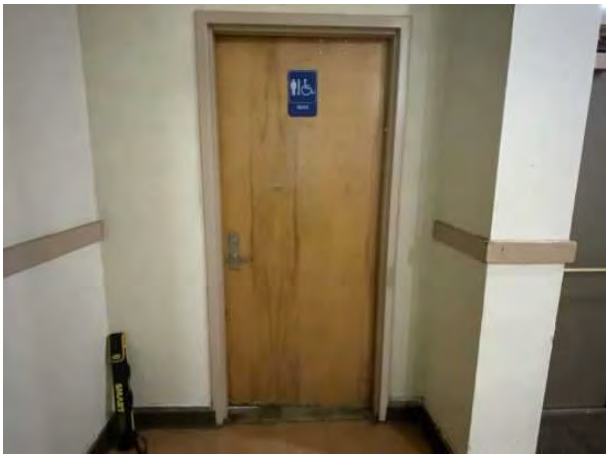
Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421986





Barrier ID: AX421987

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.2 and 606.3
Barrier Detail	The lavatory is mounted higher than 34" to the higher of the rim or counter.
Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory sink rim is 36 5/8" above the floor.

Resolution

Install the lavatory at a compliant height, and provide knee and toe clearance. Minimum one lavatory in a restroom shall comply. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34" maximum above the finish floor or ground. [EXCEPTIONS: 1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply. 2. In residential dwelling unit kitchens, sinks that are adjustable to variable heights, 29" minimum and 36" maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29".] Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. Unless otherwise specified, clear floor or ground space shall be permitted to include compliant clear space. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX421987





Barrier ID: AX421988

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

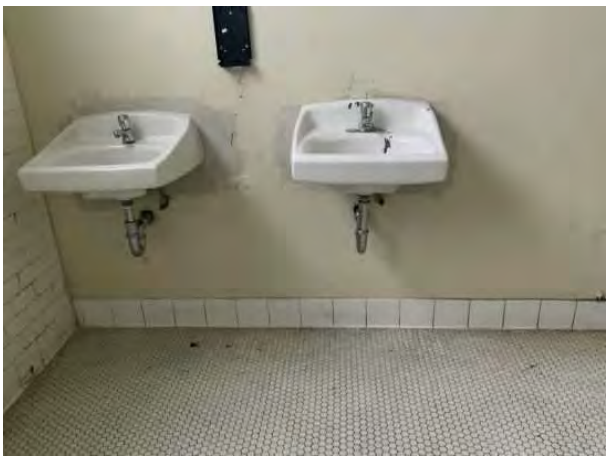
Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421988





Barrier ID: AX421984

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The restroom signage is not mounted on the latch side of the door.

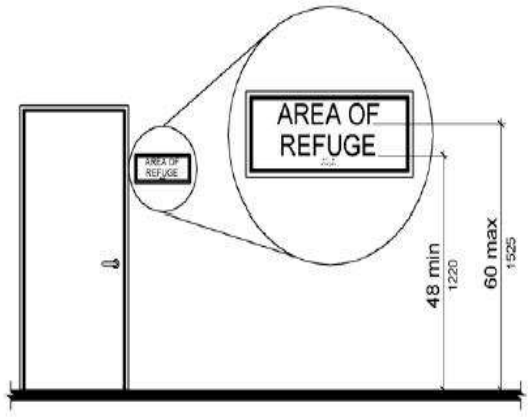
Resolution

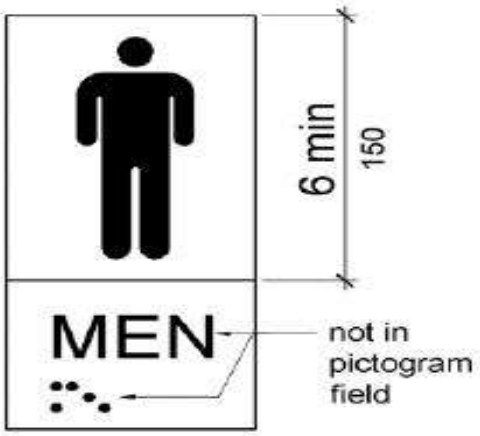
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

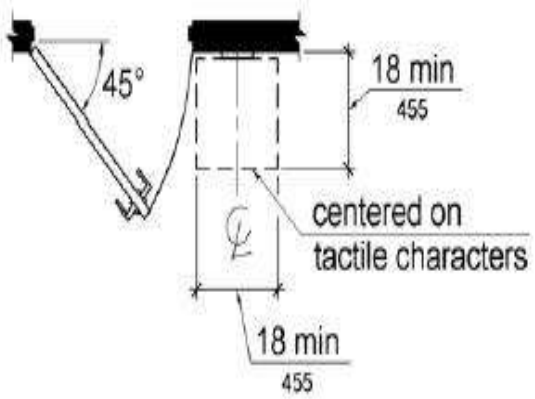
Photos for Barrier ID: AX421984











Barrier ID: AX421985

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The men's restroom does not have compliant signage at the door.

Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Door restroom signage is not provided.

Resolution

Install compliant signage. The men's restroom/bathing room geometric symbol shall be an equilateral triangle 1/4" thick, with edges 12" long and a vertex pointing upward. The triangle shall contrast with the door or doorway, either light on dark or dark on light. Each doorway leading to men's restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: Signs with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421985





Barrier ID: AX421989

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing and missing door pulls.

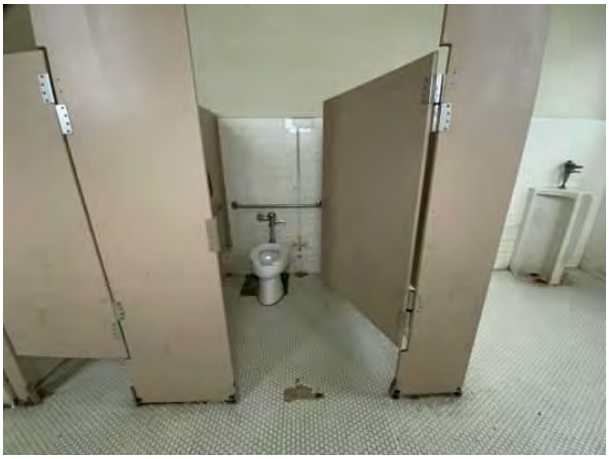
Resolution

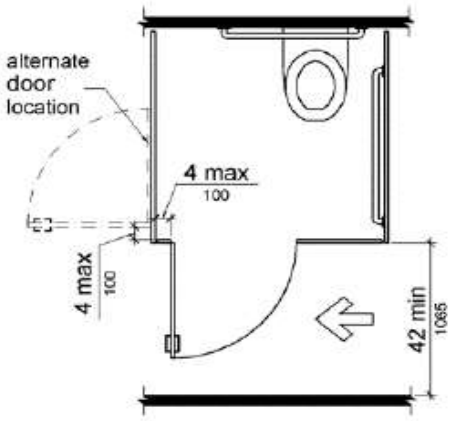
Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

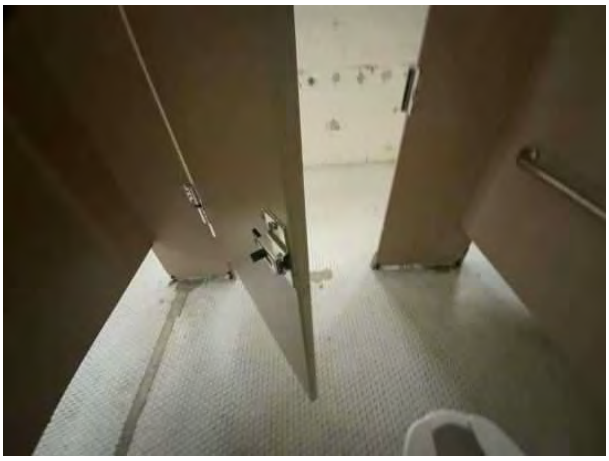
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421989







Barrier ID: AX421990

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421990

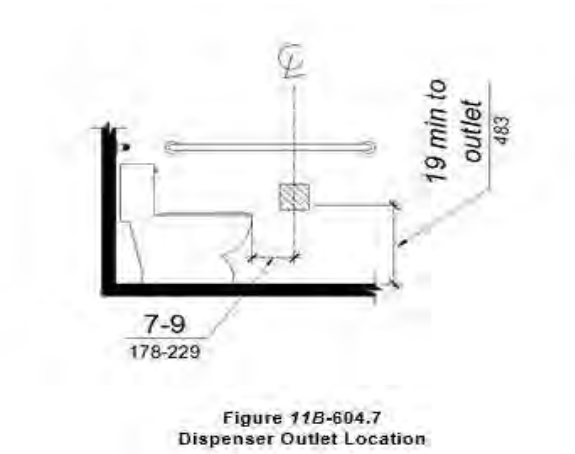
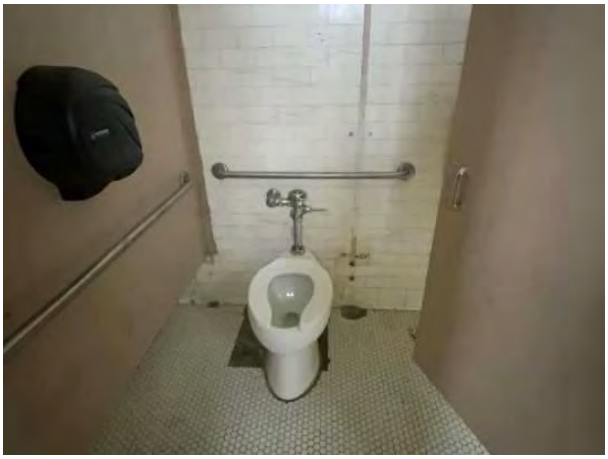


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421991

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Boys Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 21" from the centerline of the water closet on the open side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421991





Barrier ID: AX421942

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispenser is 57" above the floor.
Height	57"

Resolution

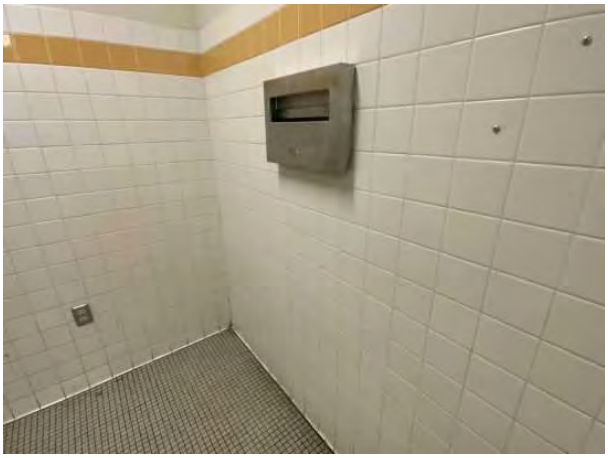
Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421942





Barrier ID: AX421936

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 11 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421936





Barrier ID: AX421937

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 1.88 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421937





Barrier ID: AX421938

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 16".

Resolution

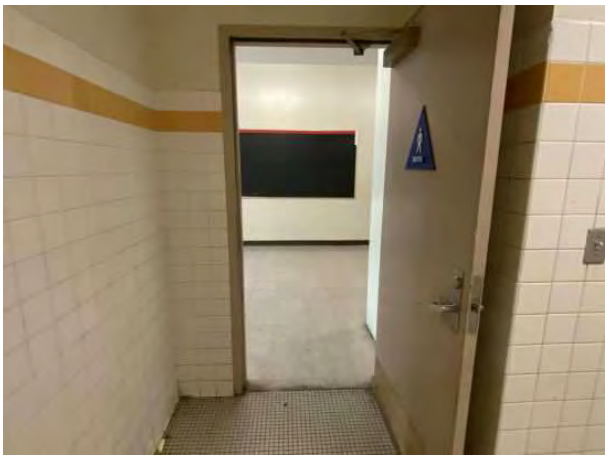
Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421938





Barrier ID: AX421941

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421941





Barrier ID: AX421935

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421935





Barrier ID: AX421939

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing and missing an inside door pull.

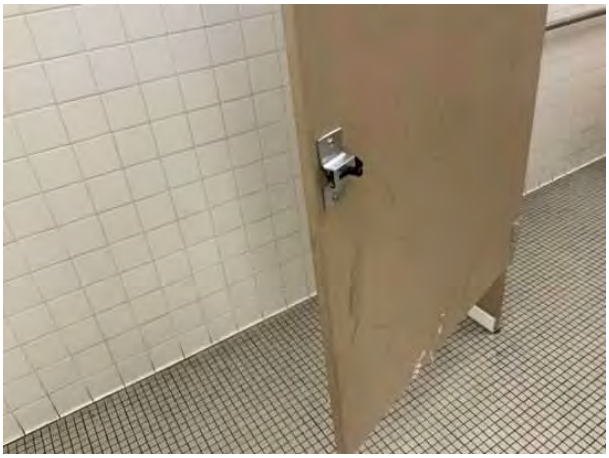
Resolution

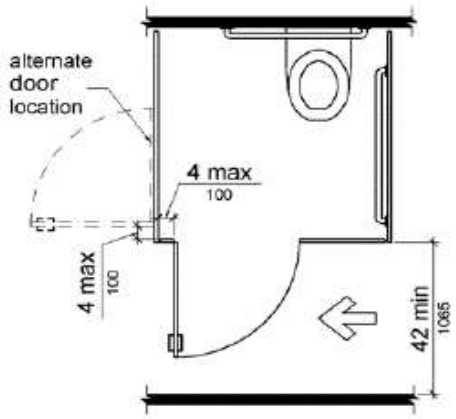
Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

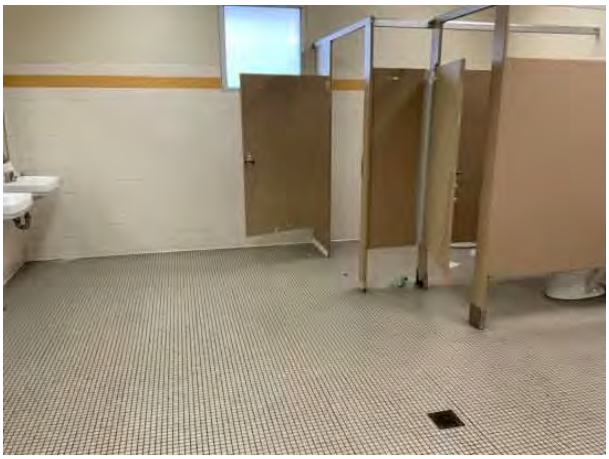
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

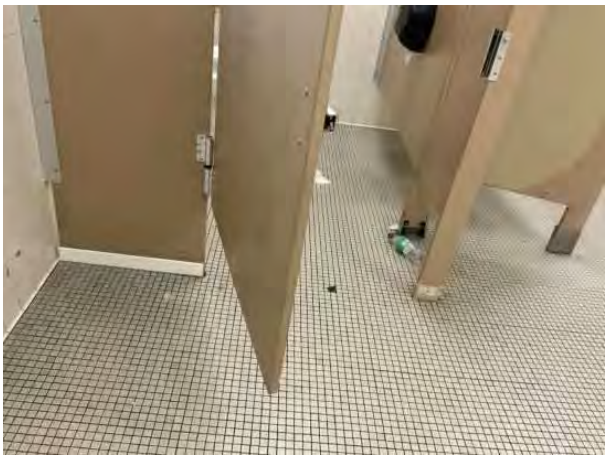
Priority	3

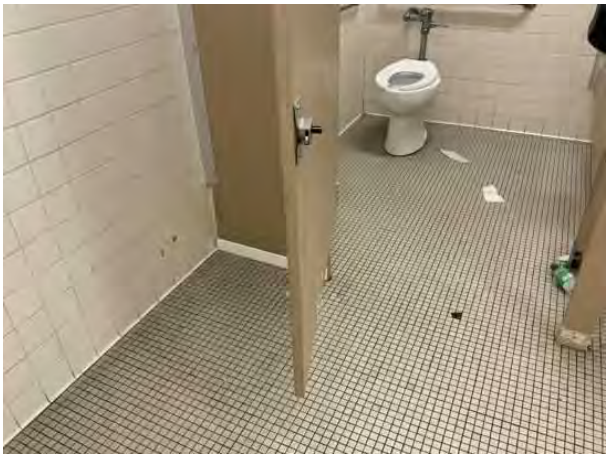
Photos for Barrier ID: AX421939











Barrier ID: AX421940

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Boys Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The toilet paper dispenser is located on the open side of the toilet compartment out of reach.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421940



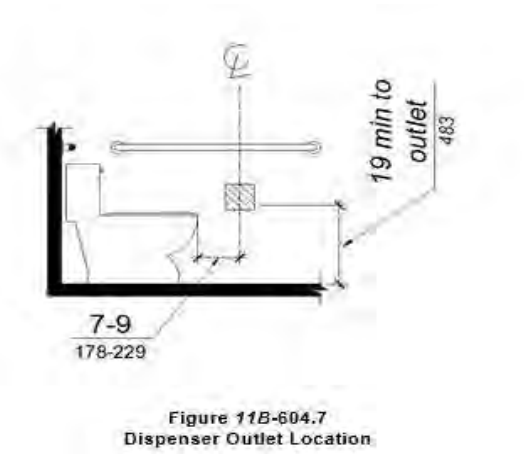


Figure 11B-604.7
Dispenser Outlet Location



Barrier ID: AX421252

Marshall Fundamental School BUILDING C

Assembly	Common Areas
Type	Locker Rooms
ADA Standard	225.21
Barrier Detail	The locker room does not have accessible lockers.
Location Description	Building C
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 90 lockers requiring 5 accessible lockers. 0 lockers are accessible. The locker hardware requires tight gripping and pulling to access.

Resolution

Provide a minimum of 5% of the total number of lockers as designated accessible lockers, or at least one locker, which are accessible. Accessible lockers have clear space of 30" minimum by 48" minimum centered on the locker. Accessible lockers have operable parts that can be operated with one hand, and do not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. SHELVES AND COAT HOOKS: Accessible lockers have shelves and clothing hooks within at least one of the allowable reach ranges for a forward or side approach. A minimum of one shelf shall be 40" minimum and 48" maximum above the finish floor or ground. Hooks shall be within an allowable reach range. [ADVISORY for Children's Forward or Side Reach Ranges: High reach (maximum): 36" for ages 3 to 4; 40" for ages 5 to 8; and 44" for ages 9 to 12. Low reach (minimum): 20" for ages 3 to 4; 18" for ages 5 to 8; and 16" for ages 9 to 12.]

Quantity	Unit Cost	Total Cost
5 EA	412.80	$ 2,064

Priority	3

Photos for Barrier ID: AX421252





Barrier ID: AX421222

Marshall Fundamental School BUILDING F

Assembly	Common Areas
Type	Dining And Work Surface
ADA Standard	ADA 902.2; 902.4; California Building Code Chap 11B-226, 306.2, 306.3
Barrier Detail	CALIFORNIA: A compliant dining table is not provided.
Location Description	Cafeteria
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 50 seats requiring 3 accessible seats. There are 0 accessible seats provided. The table pedestal base does not allow a forward wheelchair approach.

Resolution

Provide a compliant table that allows a clear space of 30" x 48" positioned for forward approach. Where dining surfaces are provided for the consumption of food or drink, at least 5% of the standing spaces and the seating spaces at dining surfaces shall comply. Dining surfaces shall be dispersed throughout the space or facility containing dining surfaces for each type of seating in a functional area. The top of the table shall be minimum 28" and maximum 34" high above the finish floor or ground. Where food or drink is served for consumption at a counter exceeding 34" in height, a portion of the main counter 60" minimum in length shall be provided at minimum 28" and maximum 34" high above the finish floor or ground. The table shall provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 19" deep minimum from floor or ground to minimum 27" above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 19" minimum to 25" maximum. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Provide a picnic table with a surface at minimum 26" and maximum 34" height. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.

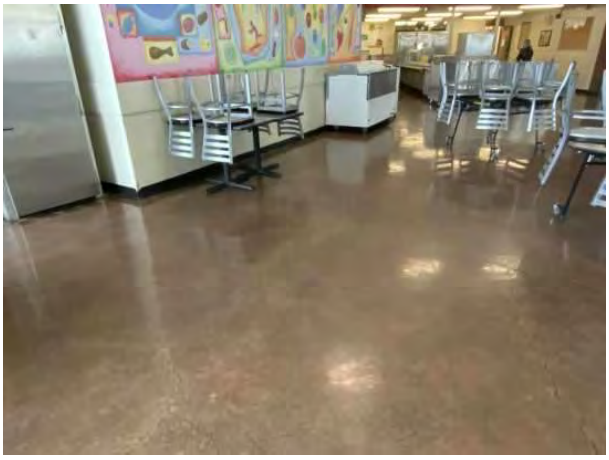
Quantity	Unit Cost	Total Cost
3 EA	1,625.00	$ 4,875

Priority	3

Photos for Barrier ID: AX421222







Barrier ID: AX421019

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Dressing Room A16
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom length is 37" and the width is 35". The restroom is not accessible.

Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421019







Barrier ID: AX431951

Marshall Fundamental School BUILDING A

Assembly	Locker and Dressing Rooms
Type	Locker and Dressing Rooms
ADA Standard	222, 803, 903
Barrier Detail	The locker room does not have a compliant bench.
Location Description	Dressing Rooms A15 & A16
Observed	Feb 5, 2024 by javondrick.orange
Site Conditions	Accessible benches are not provided in the dressing rooms.

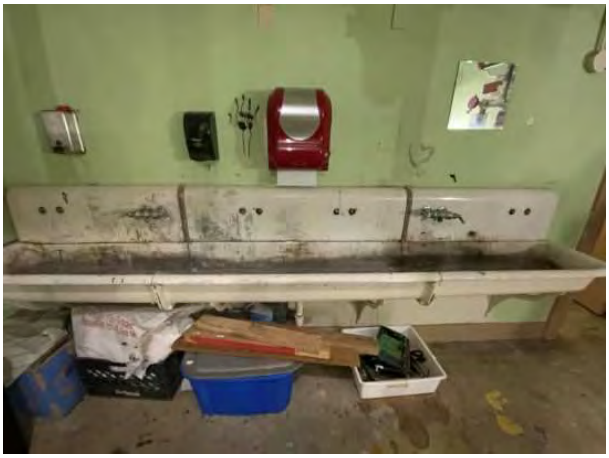
Resolution

Provide a bench on an accessible route and adjacent to an accessible locker. The bench shall have an adjacent clear space of 30" minimum by 48" minimum located at the end of the bench and parallel to the axis of the bench. The top of the seat shall be 17" minimum and 19" maximum from finish floor. The seat shall be 48" minimum long. The seat shall have a depth of 20" minimum and 24" maximum. The bench shall provide back support or be affixed to a wall. Back support shall be 48" minimum in length extending from a point 2" maximum above the seat surface to 18" minimum above the seat surface. Back support shall be 2-1/2" maximum from the rear edge of the seat measured horizontally. When installed in wet locations, the surface of the seat shall be slip resistant and shall not accumulate water.

Quantity	Unit Cost	Total Cost
2 EA	986.25	$ 1,973

Priority	3

Photos for Barrier ID: AX431951





Barrier ID: AX422001

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-1
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX422001





Barrier ID: AX421943

Marshall Fundamental School BUILDING G

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-1 (G Building)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

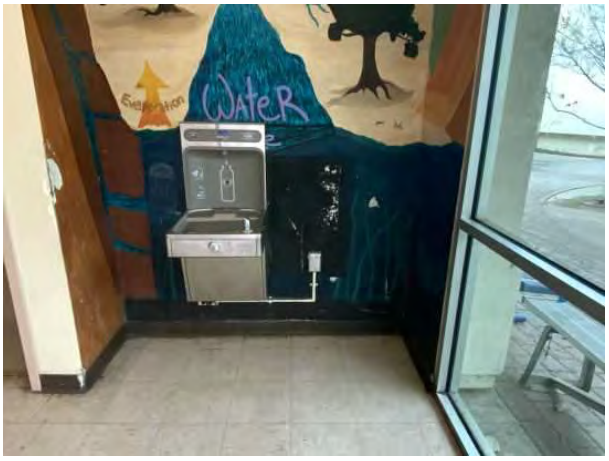
Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421943





Barrier ID: AX422006

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-2 (B130)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX422006





Barrier ID: AX421956

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

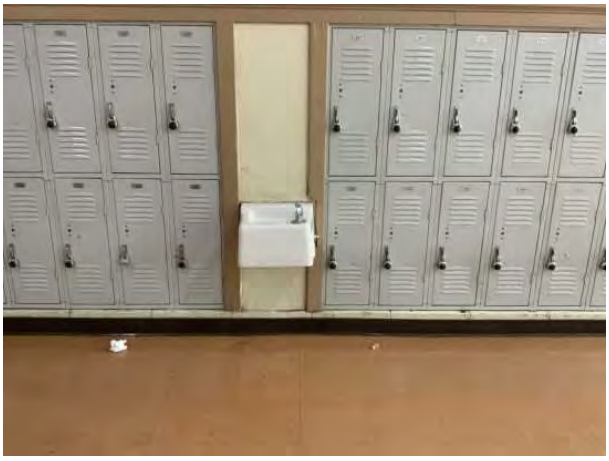
Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421956





Barrier ID: AX421957

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421957





Barrier ID: AX421958

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	ADA 305.7; CBC Chap 11B-602.9

Barrier Detail

CALIFORNIA: The drinking fountain is not located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways.

Location Description	Drinking Fountain DF-6
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The drinking fountain protrudes 18 3/8" into the circulation path at 27" above the floor.

Resolution

Install the accessible drinking fountain(s) at a location within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area for the fountain shall be 32" minimum wide and 18" minimum deep. For a forward approach to an alcove where the alcove depth is greater than 24", the alcove shall be 36" minimum wide. For a parallel approach to an alcove, the alcove shall be 60" wide minimum. When wing walls or barriers are used, they shall project horizontally at least as far as the fountain, and to within 6" vertically from the floor/ground surface. Drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30" by minimum 48", and maximum 2.08% in all directions and a firm and stable surface. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3 -1/2" maximum from the front edge of the unit, including bumpers.]

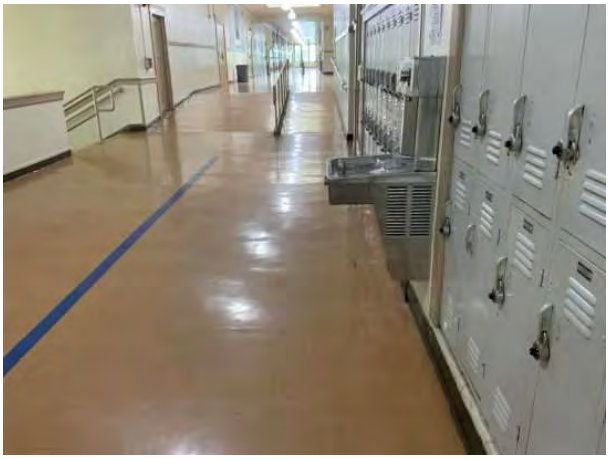
Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421958







Barrier ID: AX421983

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Drinking Fountain DF-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. 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The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421983





Barrier ID: AX421030

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Signage
ADA Standard	703.4

Barrier Detail

The existing signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Faculty Restrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Room signage is not provided.

Resolution

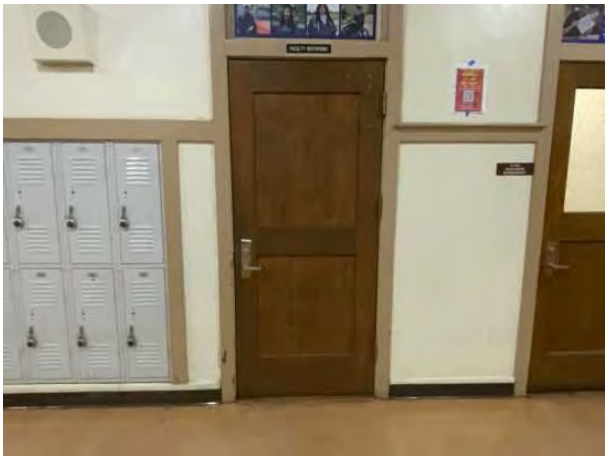
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421030





Barrier ID: AX421312

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	California Building Code Chap 11B-211, 602
Barrier Detail	CALIFORNIA: The minimum number of drinking fountains is not provided.
Location Description	Girls Locker Room
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install an accessible drinking fountain(s). Where drinking fountains are provided on an exterior site, on a floor, or within a secured area, they shall be compliant. [EXCEPTION: In detention or correctional facilities, drinking fountains only serving non-accessible holding or housing cells are not required to comply.] No fewer than two levels of drinking fountains shall be provided: wheelchair height and standing height. When two drinking fountains are provided, one drinking fountain shall comply with wheelchair unit requirements, and one drinking fountain shall comply with standing unit requirements. [EXCEPTION: Where a single hi-lo drinking fountain is provided, it shall be permitted to be substituted for two separate drinking fountains.] [ADVISORY: The 2019 California Plumbing Code (CPC), Table 4-1 provides minimum plumbing fixture requirements for new buildings, and changes of occupancy or use in an existing building resulting in increased occupant load. CPC Table 4-1 should be consulted in conjunction with the accessibility requirements.] Where more than the minimum number of drinking fountains are provided, 50 percent of the total number of drinking fountains provided shall comply with wheelchair level fountains, and 50 percent of the total number of drinking fountains provided shall comply with standing level drinking fountains. [EXCEPTION: Where 50 percent of the drinking fountains yields a fraction, 50 percent shall be permitted to be rounded up or down provided that the total number of drinking fountains equals 100 percent of drinking fountains.] WHEELCHAIR DRINKING FOUNTAINS: Spout outlets shall be 36 inches maximum above the finish floor or ground. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4 inches high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 and 5 inches maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. [ADVISORY: The purpose of requiring the drinking fountain spout to produce a flow of water 4 inches high minimum is so that a cup can be inserted under the flow of water to provide a drink of water for an individual who, because of a disability, would otherwise be incapable of using the drinking fountain.] Wall- and post-mounted cantilevered drinking fountains shall be 18 inches minimum and 19 inches maximum in depth. Operable parts shall be placed within one or more of the allowable reach ranges Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. The flow of water shall be activated by a manually operated system that is front mounted or side mounted and located within 6 inches of the front edge of the fountain or an automatic electronically controlled device. Wheelchair level drinking fountains shall be located so that a clear space is positioned at the drinking fountain for a forward approach and centered on the unit. Clear space shall be minimum 30 inches by minimum 48 inches, and maximum 2.08% in all directions and a firm and stable surface. Knee and toe clearance minimum 30 inches wide shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30 inches maximum above the finish floor or ground and is 3-1/2 inches maximum from the front edge of the unit, including bumpers.] Knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Between 9 inches and 27 inches above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch in depth for each 6 inches in height. Toe clearance shall be the space between the finish floor or ground and 9 inches above the finish floor or ground. Toe clearance depth shall be 17 inches minimum under the drinking fountain. STANDING LEVEL DRINKING FOUNTAIN: Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground. ALL DRINKING FOUNTAINS: All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches wide minimum and 18 inches deep minimum, and shall comply. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches vertically from the floor or ground surface.

Quantity	Unit Cost	Total Cost
1 EA	6,798.75	$ 6,799

Priority	3

Photos for Barrier ID: AX421312





Barrier ID: AX421303

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

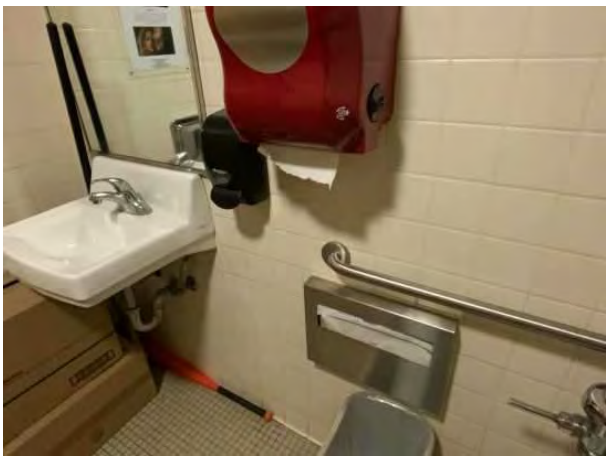
Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421303





Barrier ID: AX421298

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a front approach on the pull side the maneuvering clearance depth is 27 1/8".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421298





Barrier ID: AX421299

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Floor Space
ADA Standard	304, 603.2.1; 603.2.2
Barrier Detail	The required turning space within the restroom is not provided.
Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Turning space is not provided due to storage.

Resolution

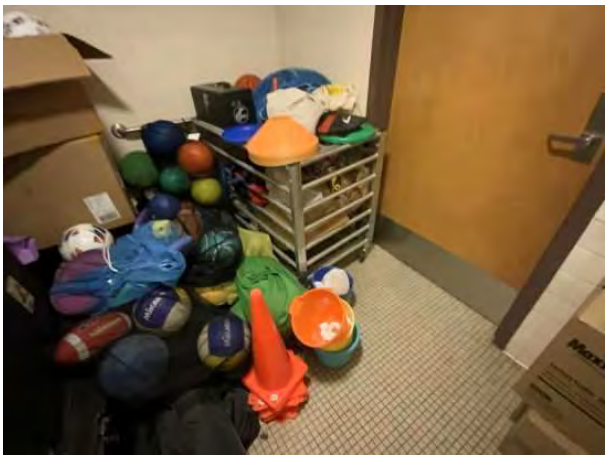
A compliant, unobstructed turning space shall be provided within an accessible toilet room. The clear floor space at fixtures and controls, the accessible route, and the turning space may overlap. The turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum "OR" The space shall be permitted to include compliant knee and toe clearance only at the end of either the base or one arm. Doors shall be permitted to swing into turning spaces. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421299





Barrier ID: AX421300

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.2; 305

Barrier Detail

The lavatory does not have the required clear floor space of minimum 30" by minimum 48".

Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Storage is within the lavatory clear floor space.

Resolution

Relocate the lavatory to provide minimum 30" by minimum 48" clear floor space positioned for a forward approach to the lavatory. Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421300





Barrier ID: AX421301

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421301





Barrier ID: AX421297

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421297





Barrier ID: AX421302

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Girls Locker Room - Staff
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 12" in front of the water closet.

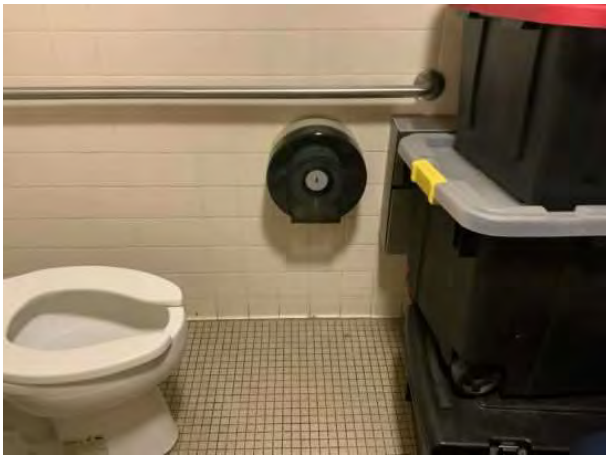
Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421302



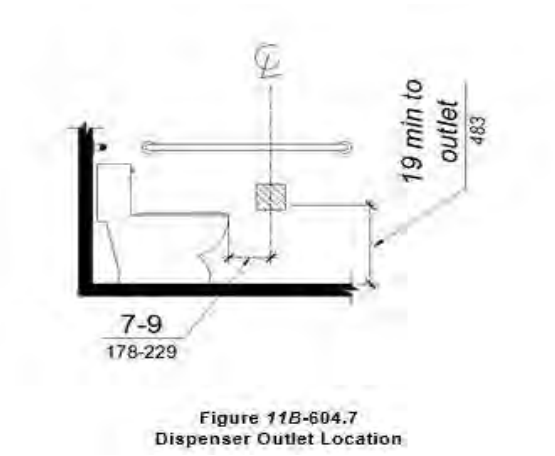


Figure *11B*-604.7
Dispenser Outlet Location



Barrier ID: AX421309

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispenser is 47" above the floor.
Height	47"

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421309





Barrier ID: AX421310

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 0". The door has a latch and closer.

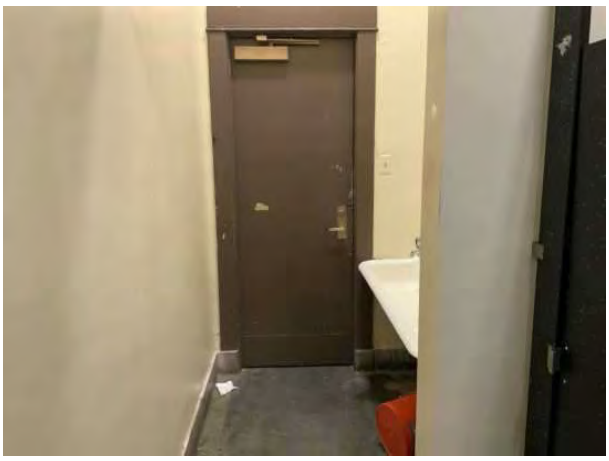
Resolution

Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421310





Barrier ID: AX421311

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27 1/8".

Resolution

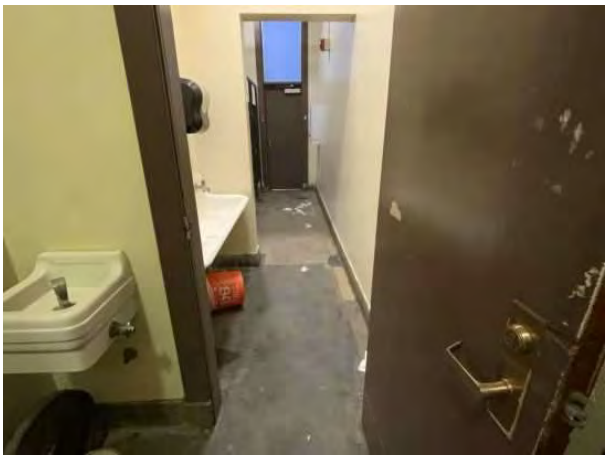
Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	1,405.00	$ 1,405

Priority	3

Photos for Barrier ID: AX421311





Barrier ID: AX421314

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 8 1/2".

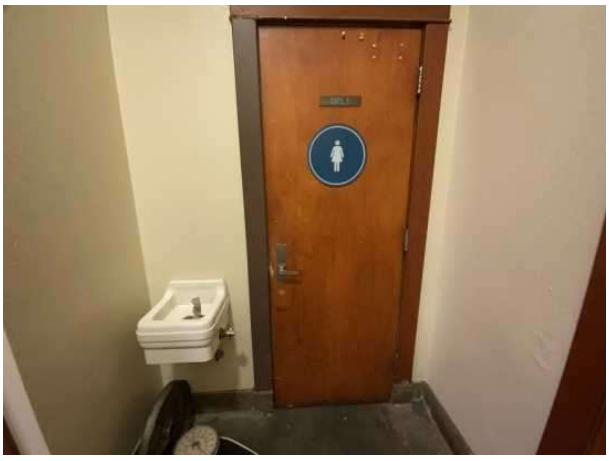
Resolution

Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 18" minimum. The required side clearance is 60" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421314





Barrier ID: AX421308

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	CBC Chap 11B-213, 306, 606

Barrier Detail

CALIFORNIA: The lavatory does not have the required knee and toe clearance.

Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The knee clearance height is 25".

Resolution

Provide at least 10% but no fewer than one lavatory with compliant knee and toe clearance. The lavatory shall maintain the maximum allowable height of 34" to the rim of the sink. The maximum allowable exterior bowl depth is 6-1/2". A compliant clear floor space of minimum 30" wide centered on the lavatory and minimum 48" deep, positioned for a forward approach, shall be provided. Space under an element between 9" and 29" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor. The bottom of the front of the lavatory shall be minimum 29" above the finish floor. Knee clearance reduction is not allowed. Toe clearance shall be minimum 25" horizontal depth between the finish floor and 9" AFF. Knee and toe clearance shall be 30" wide minimum and centered on the lavatory. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 1. Toe clearance shall extend 19" maximum under lavatories 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.]

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX421308





Barrier ID: AX421313

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

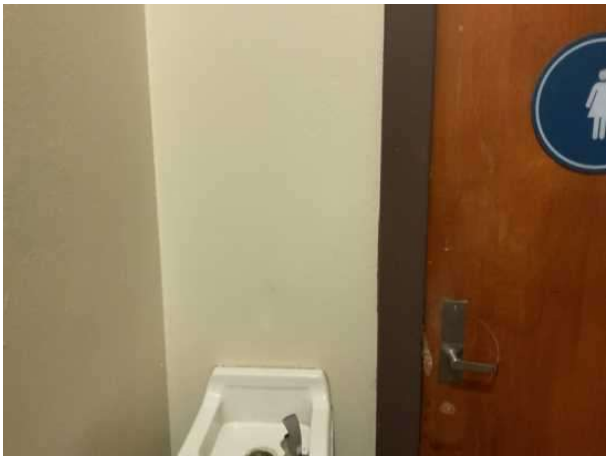
Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421313





Barrier ID: AX421307

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Girls Locker Room Restroom
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The feminine product dispenser protrudes 6 5/8" into the circulation path at 40 3/4" above the floor.

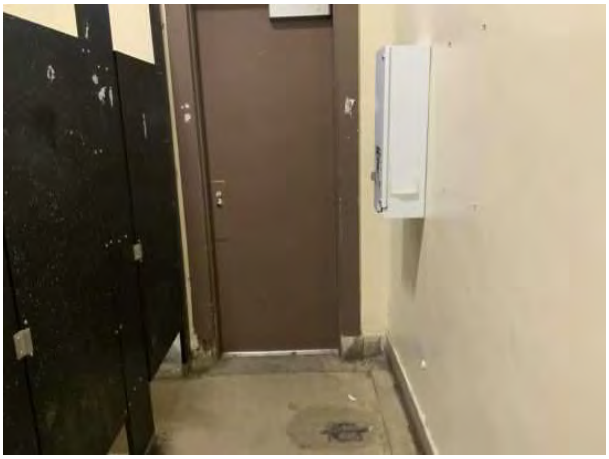
Resolution

Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421307







Barrier ID: AX421306

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Floor Space
ADA Standard	304, 603.2.1; 603.2.2
Barrier Detail	The required turning space within the restroom is not provided.
Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The turning space is 46".

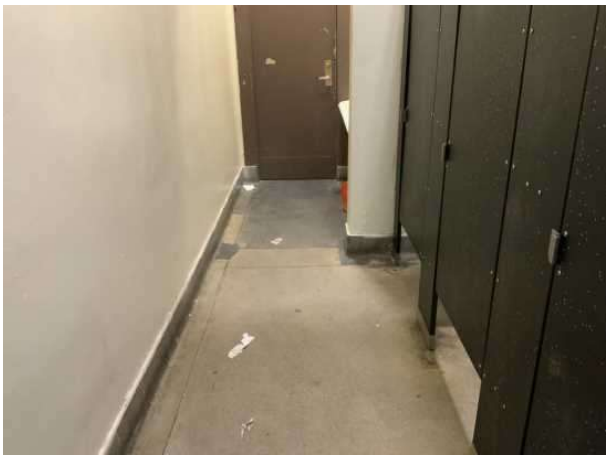
Resolution

A compliant, unobstructed turning space shall be provided within an accessible toilet room. The clear floor space at fixtures and controls, the accessible route, and the turning space may overlap. The turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum "OR" The space shall be permitted to include compliant knee and toe clearance only at the end of either the base or one arm. Doors shall be permitted to swing into turning spaces. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.]

Quantity	Unit Cost	Total Cost
1 EA	11,562.50	$ 11,563

Priority	3

Photos for Barrier ID: AX421306





Barrier ID: AX421305

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	
309, 404.2.7, 604.5.1, 604.6, 604.7, 604.8.1.1, 604.8.1.2, 604.8.1.5, 604.9, 609.3	
Barrier Detail	A wheelchair stall is not provided in a multi-user restroom.
Location Description	Girls Locker Room Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	There are 4 toilets compartments and 0 wheelchair stalls provided.

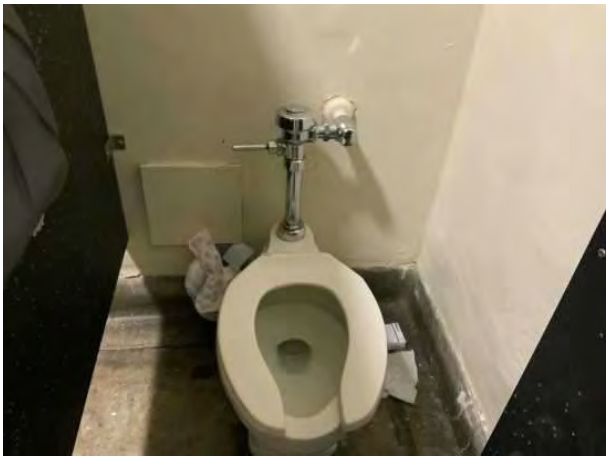
Resolution

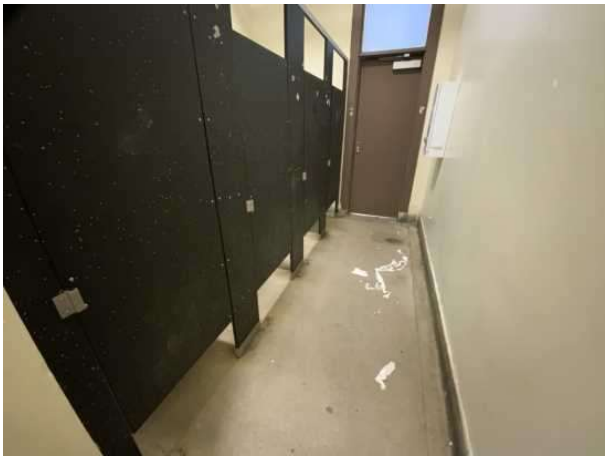
Provide a compliant wheelchair stall with compliant elements in the multi-user restroom. Wheelchair accessible compartments with floor mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 59" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments with wall mounted water closets shall be 60" wide minimum measured perpendicular to the side wall and 56" deep minimum, measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use (ages 3 through 12) shall be 60" wide minimum measured perpendicular to the side wall, and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.In addition, clear space of minimum 30" by 48" must be provided within the clearance area for transfer from a wheelchair. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 minimum to 18" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions, such as lavatories, shall be located within the required water closet clearance. Install a flush control on the open side of the water closet. Flush controls shall be hand operated or automatic. Hand operated flush controls shall be within a compliant reach range. Install compliant grab bars. Horizontal grab bars shall be installed at a consistent height above finish floor to the top of the gripping surface. The top of the gripping surface shall be minimum 33" and maximum 36" above finish floor. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The wheelchair stall door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.Install door pulls near the latch on each side of wheelchair stall door. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 48" maximum above the finish floor or ground.

Quantity	Unit Cost	Total Cost
1 EA	3,437.50	$ 3,438

Priority 3

Photos for Barrier ID: AX421305





Barrier ID: AX421994

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 41" to 43" above the floor.

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
2 EA	116.25	$ 233

Priority	3

Photos for Barrier ID: AX421994







Barrier ID: AX421995

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421995





Barrier ID: AX421993

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 16 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421993





Barrier ID: AX421998

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing and missing an inside door pull.

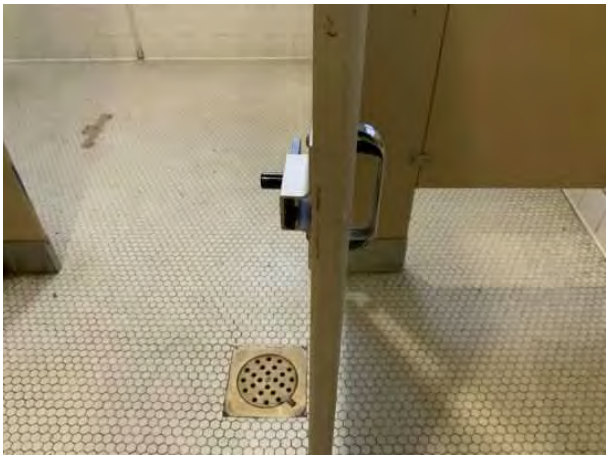
Resolution

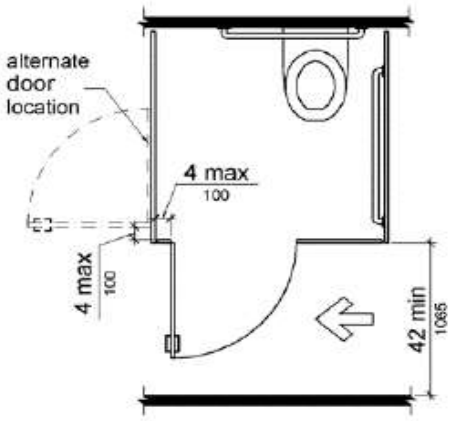
Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

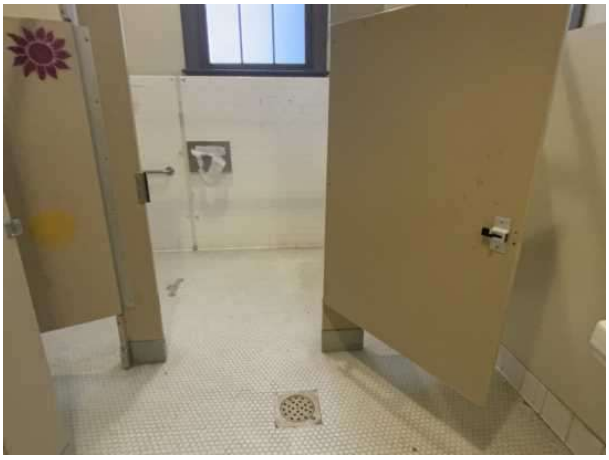
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421998







Barrier ID: AX421996

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421996



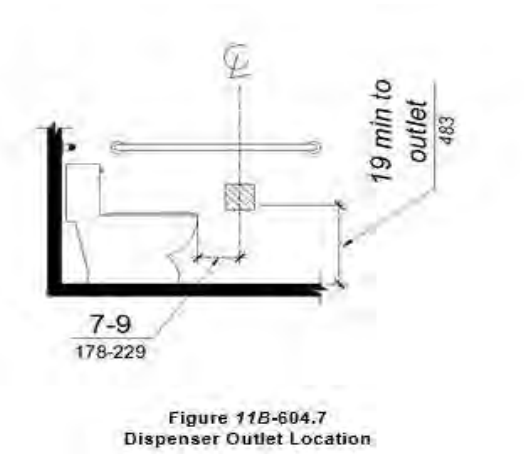


Figure *11B*-604.7
Dispenser Outlet Location



Barrier ID: AX421997

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Girls Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 21" from the centerline of the water closet on the open side.

Resolution

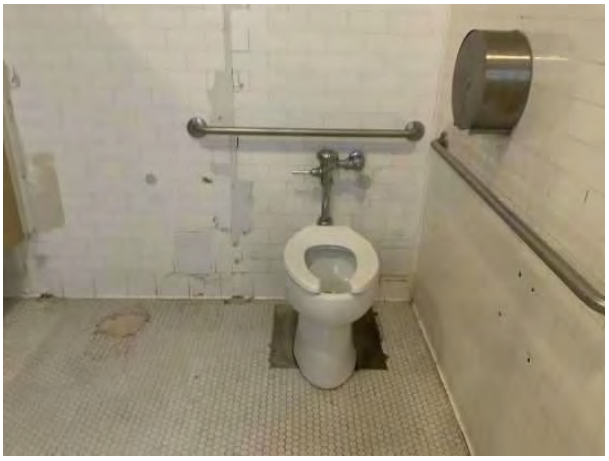
Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421997





Barrier ID: AX421929

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421929





Barrier ID: AX421928

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Girls Restroom - G Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser protrudes 6" into the circulation path at 45 3/4" above the floor.

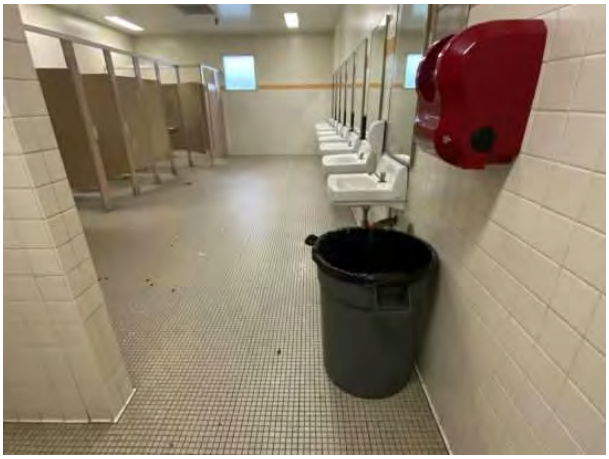
Resolution

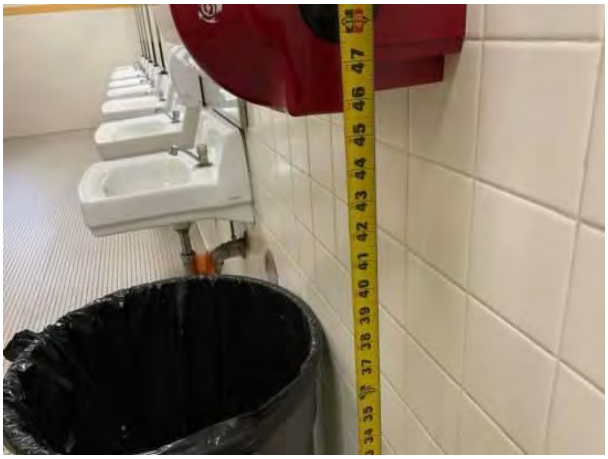
Replace the paper towel dispenser with a paper towel dispenser maximum of 4” deep to provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	400.00	$ 400

Priority	3

Photos for Barrier ID: AX421928







Barrier ID: AX421925

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 8 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421925





Barrier ID: AX421926

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.42 seconds from 90 degrees to a position 12 degrees from latch.

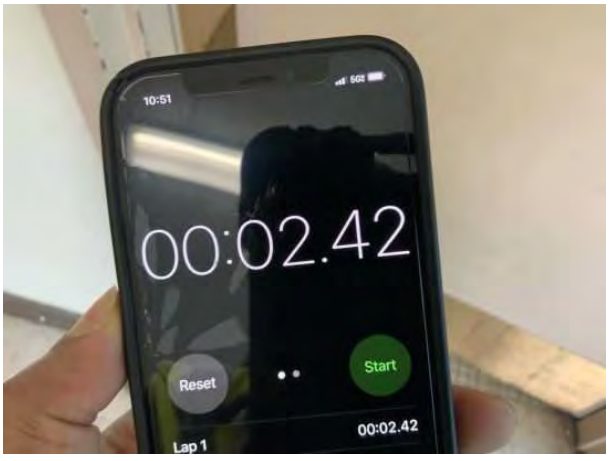
Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421926





Barrier ID: AX421927

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 17 1/4".

Resolution

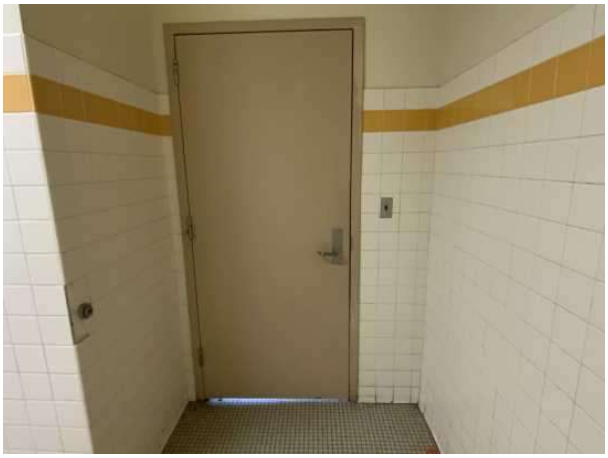
Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421927





Barrier ID: AX421930

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

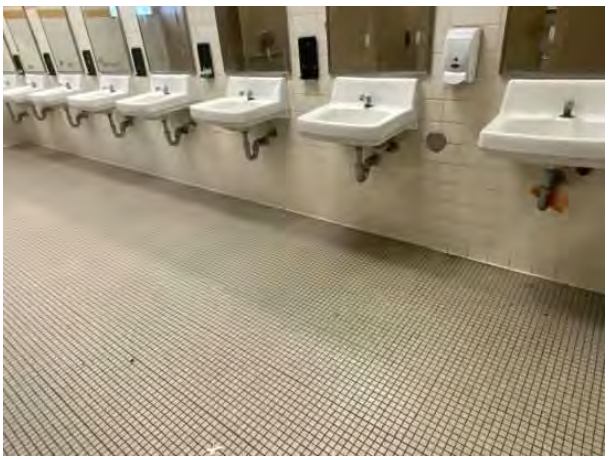
Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421930





Barrier ID: AX421924

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421924





Barrier ID: AX421931

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing.

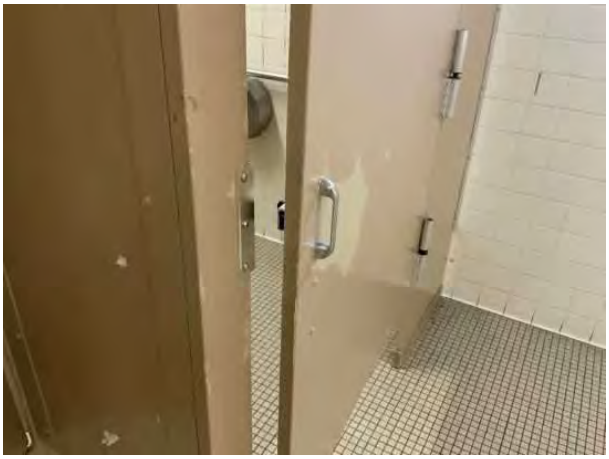
Resolution

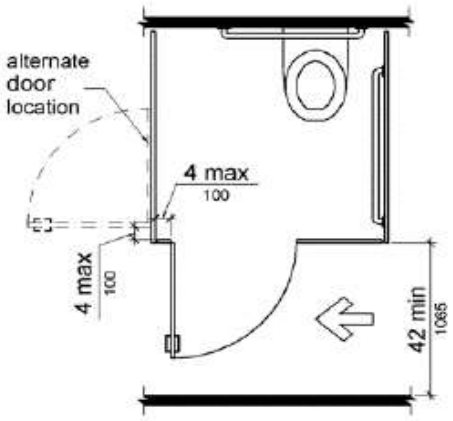
Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

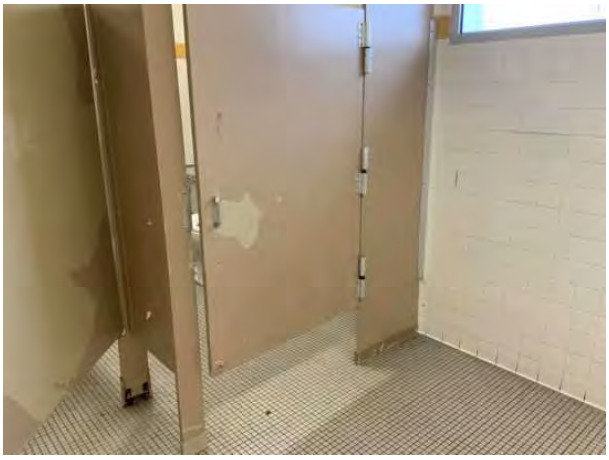
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421931







Barrier ID: AX421933

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.2.2
Barrier Detail	The ambulatory stall door is not compliant.
Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The ambulatory stall door is not self closing.

Resolution

Toilet compartment doors for ambulatory stalls, including door hardware, shall be minimum 32" wide and minimum 80" high. If the approach is to the latch side of the compartment door, clearance between the exterior side of the door of the compartment and any obstruction shall be 42" minimum. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. An ambulatory stall is minimum 60" deep and the width is minimum 35" and maximum 37". Grab bars shall be provided on both sides of the compartment. The side grab bars shall be 33" minimum to 36" maximum above finish floor to the top of the gripping surface, except in children's water closets where horizontal grab bars shall be 18" minimum and 27" maximum above the finish floor to the top of the gripping surface. Horizontal grab bars should be installed at the same height. The side wall grab bars shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. The centerline of the toilet shall be minimum 17" to maximum 19" from the side wall. Toilet compartment doors for ambulatory stalls shall be minimum 32" wide when open 90 degrees and have minimum 80" high clearance. If the approach is to the latch side of the compartment door, clearance between the exterior side of the door of the compartment and any obstruction shall be 42" minimum. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421933





Barrier ID: AX421932

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".

Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located 1/4" below the side grab bar.

Resolution

Move the projecting object below or at the ends of the grab bar to a minimum of 1-1/2" from the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421932





Barrier ID: AX421934

Marshall Fundamental School BUILDING G

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Girls Restroom - G Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421934

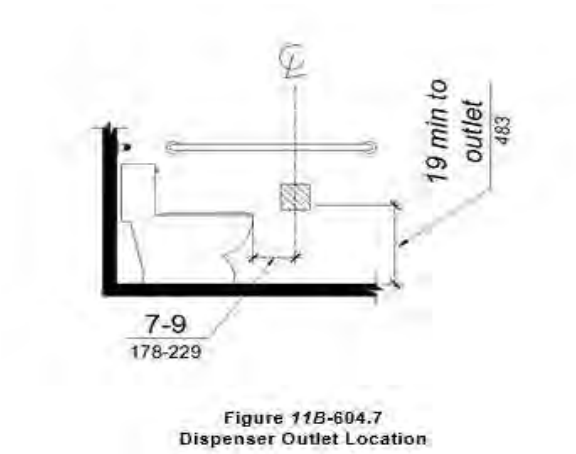


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421916

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Gymnasium - Boys Restroom
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The hand dryer protrudes 5" into the circulation path at 38 3/4" above the floor.

Resolution

Replace the hand dryer with a hand dryer a maximum of 4” deep to provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

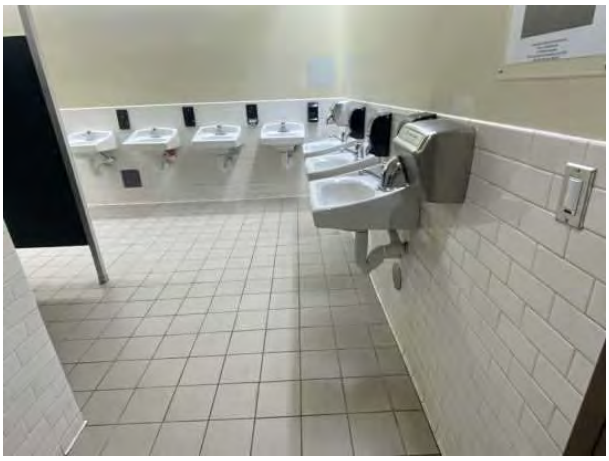
Quantity	Unit Cost	Total Cost
1 EA	400.00	$ 400

Priority	3

Photos for Barrier ID: AX421916







Barrier ID: AX421913

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Gymnasium - Boys Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 15 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421913





Barrier ID: AX421914

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Gymnasium - Boys Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.23 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421914





Barrier ID: AX421915

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Gymnasium - Boys Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 12" in front of the water closet.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421915





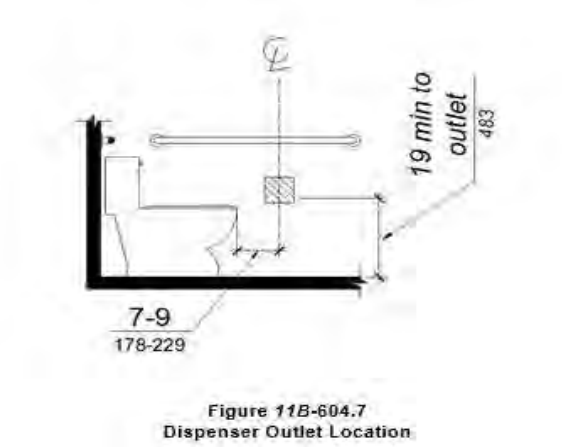


Figure *11B*-604.7
Dispenser Outlet Location

Barrier ID: AX421918

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Gymnasium - Girls Restroom
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The dispensers protrude 5 7/8" to 6" into the circulation path at 34" above the floor.

Resolution

Provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

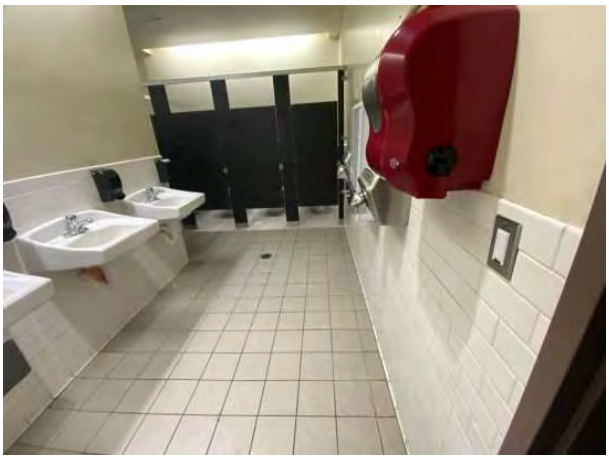
Quantity	Unit Cost	Total Cost
4 EA	400.00	$ 1,600

Priority	3

Photos for Barrier ID: AX421918











Barrier ID: AX421917

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Gymnasium - Girls Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 11 pounds of pressure to operate.

Resolution

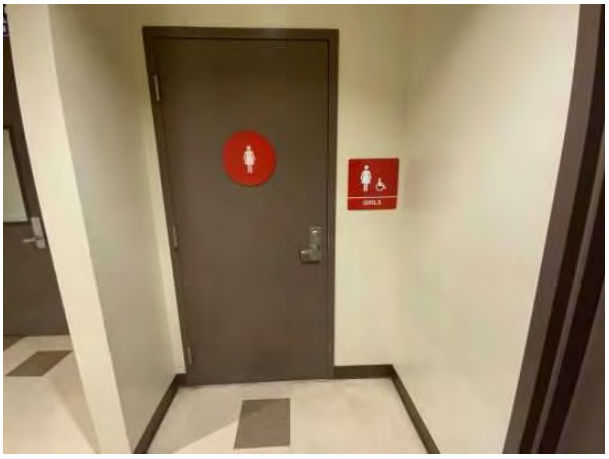
Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421917





Barrier ID: AX421919

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Gymnasium - Girls Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing.

Resolution

Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

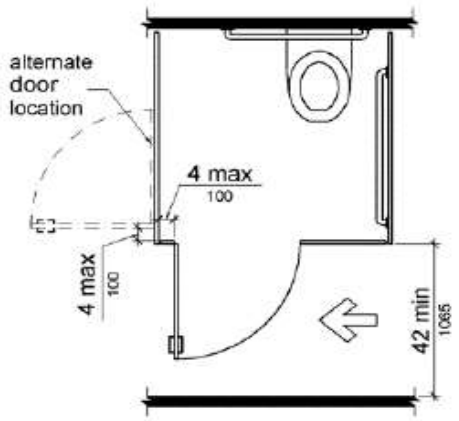
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421919







Barrier ID: AX421920

Marshall Fundamental School BUILDING M

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Gymnasium - Girls Restroom
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
2 EA	350.00	$ 700

Priority	3

Photos for Barrier ID: AX421920



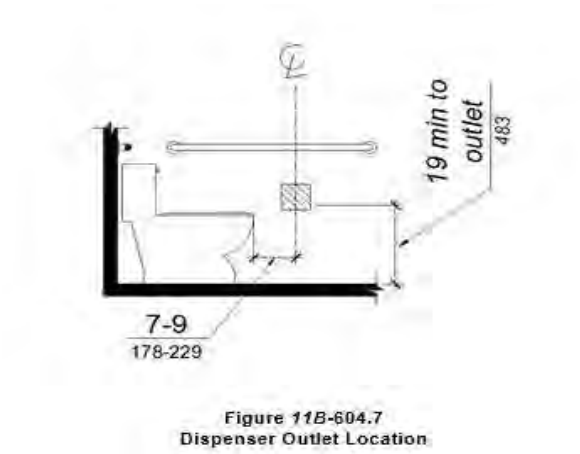


Figure *11B*-604.7
Dispenser Outlet Location





Barrier ID: AX420982

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The soap dispenser is 43" above the floor.

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX420982





Barrier ID: AX420974

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a front approach on the pull side the side clearance is 8 3/4" and the maneuvering clearance depth is 42 1/2".

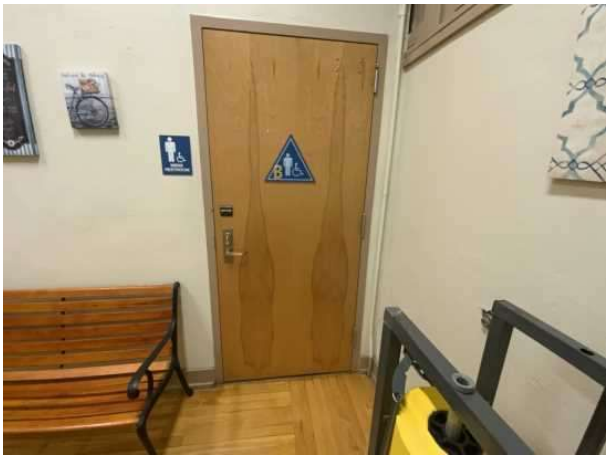
Resolution

Relocate to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX420974







Barrier ID: AX420975

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.70 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

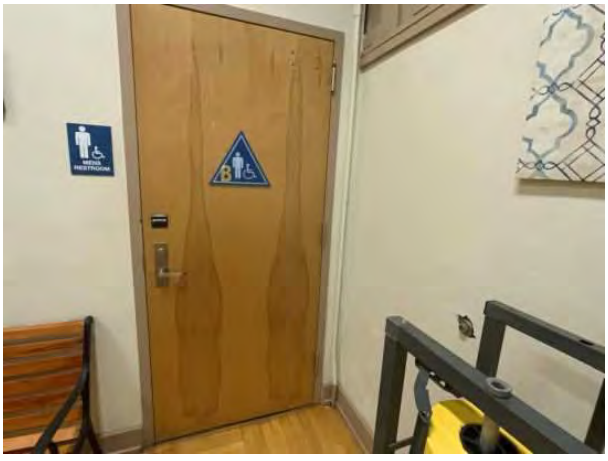
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX420975





Barrier ID: AX420976

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 10 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX420976





Barrier ID: AX420979

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX420979





Barrier ID: AX420980

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 1/4" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX420980





Barrier ID: AX420977

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B- 604.3.1 and 3.2
Barrier Detail	CALIFORNIA- The water closet does not have the required clear floor space.
Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The clear space at the water closet is 51 1/2" measured perpendicular from side wall to the lavatory.

Resolution

Redesign to ensure that the water closet has the minimum required clear floor space. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. A minimum 60" wide and 48' deep maneuvering space shall be provided in front of the water closet. [Exception: In residential dwelling units required to be mobility accessible, maneuvering space in front of the water closet shall be a minimum 60" wide and 36" deep.] The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition, Water closets shall be arranged for a left-hand or right-hand approach, with the flush on the open side. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [Exception: In residential dwelling units, a lavatory shall be permitted on the rear wall 18" minimum from the water closet centerline where the clearance at the water closet is 66" minimum measured perpendicular from the rear wall.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,375.00	$ 1,375

Priority	3

Photos for Barrier ID: AX420977





Barrier ID: AX420978

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 22" from the centerline of the water closet on the open side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX420978





Barrier ID: AX420981

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Men's Restroom - A Building 1st Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 16" in front of the water closet.

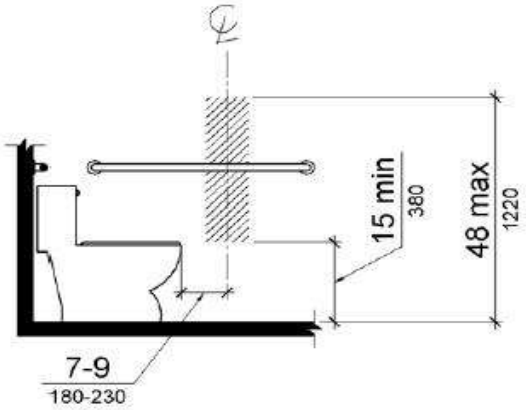
Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX420981



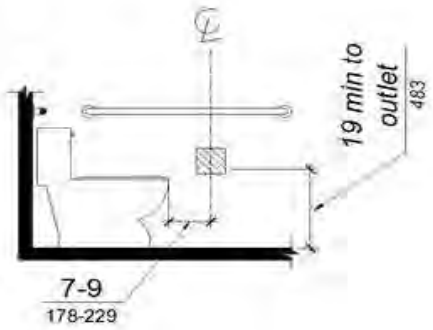


Figure *11B*-604.7
Dispenser Outlet Location





Barrier ID: AX431952

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom-Lavatory
ADA Standard	CBC Chap 11B-213, 306, 606

Barrier Detail

CALIFORNIA: The lavatory does not have the required knee and toe clearance.

Location Description	Men's Restroom - A Building 1st Floor
Observed	Feb 5, 2024 by javondrick.orange

Site Conditions

The lavatory clear floor space width is less than 30" due to being installed at a corner wall.

Resolution

Provide at least 10% but no fewer than one lavatory with compliant knee and toe clearance. The lavatory shall maintain the maximum allowable height of 34" to the rim of the sink. The maximum allowable exterior bowl depth is 6-1/2". A compliant clear floor space of minimum 30" wide centered on the lavatory and minimum 48" deep, positioned for a forward approach, shall be provided. Space under an element between 9" and 29" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor. The bottom of the front of the lavatory shall be minimum 29" above the finish floor. Knee clearance reduction is not allowed. Toe clearance shall be minimum 25" horizontal depth between the finish floor and 9" AFF. Knee and toe clearance shall be 30" wide minimum and centered on the lavatory. A compliant clear floor space, positioned for a forward approach, and compliant knee and toe clearance shall be provided. [EXCEPTIONS: 1. Toe clearance shall extend 19” maximum under lavatories 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger.6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.]

Quantity	Unit Cost	Total Cost
1 EA	900.00	$ 900

Priority	3

Photos for Barrier ID: AX431952





Barrier ID: AX421328

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Men's Restroom D Building 2nd Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The restroom width is 32". The restroom is not accessible.

Resolution

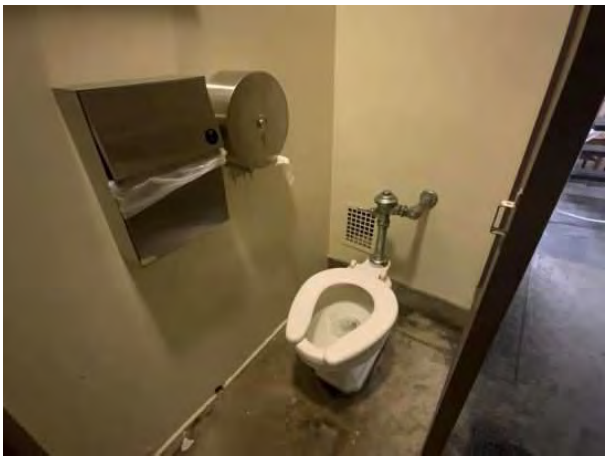
Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

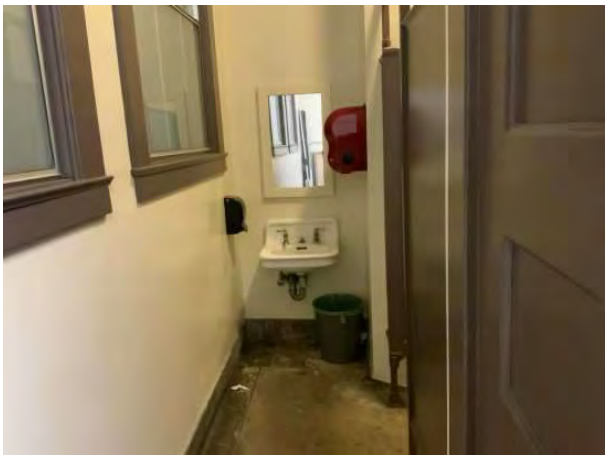
Priority 3

Photos for Barrier ID: AX421328









Barrier ID: AX421326

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Men's Restroom D Building 2nd Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The clear door width is 29".

Resolution

Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	1,405.00	$ 1,405

Priority	3

Photos for Barrier ID: AX421326





Barrier ID: AX421327

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Men's Restroom D Building 2nd Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 2 3/4.

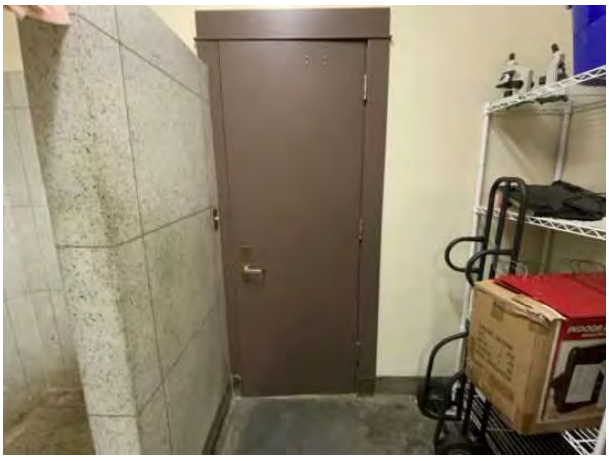
Resolution

Redesign to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421327





Barrier ID: AX421963

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421963





Barrier ID: AX421964

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The soap dispenser is 43" above the floor.
Height	43"

Resolution

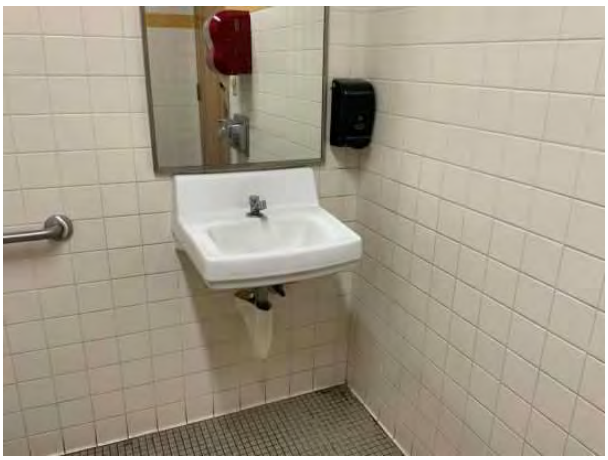
Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421964





Barrier ID: AX421960

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 16 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421960





Barrier ID: AX421961

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.61 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421961





Barrier ID: AX421962

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 7".

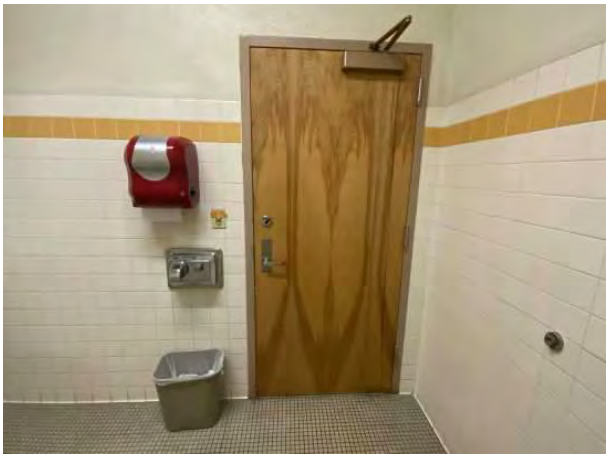
Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421962





Barrier ID: AX421965

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 3/8" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421965





Barrier ID: AX421959

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421959





Barrier ID: AX421966

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B- 604.3.1 and 3.2
Barrier Detail	CALIFORNIA- The water closet does not have the required clear floor space.
Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The clear space at the water closet is 54 1/4" measured perpendicular from side wall to the lavatory.

Resolution

Redesign to ensure that the water closet has the minimum required clear floor space. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. A minimum 60" wide and 48' deep maneuvering space shall be provided in front of the water closet. [Exception: In residential dwelling units required to be mobility accessible, maneuvering space in front of the water closet shall be a minimum 60" wide and 36" deep.] The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition, Water closets shall be arranged for a left-hand or right-hand approach, with the flush on the open side. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [Exception: In residential dwelling units, a lavatory shall be permitted on the rear wall 18" minimum from the water closet centerline where the clearance at the water closet is 66" minimum measured perpendicular from the rear wall.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,375.00	$ 1,375

Priority	3

Photos for Barrier ID: AX421966





Barrier ID: AX421967

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 21 1/2" from the centerline of the water closet on the open side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421967





Barrier ID: AX421968

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.3

Barrier Detail

CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.

Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the water closet is 19" from the side wall.

Resolution

Provide a water closet with centerline 17" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,710.00	$ 1,710

Priority	3

Photos for Barrier ID: AX421968





Barrier ID: AX421969

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Men's Restroom RR-7
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421969





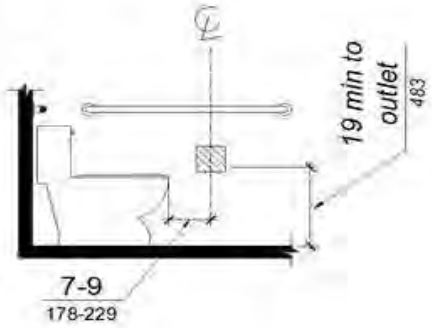


Figure *11B*-604.7
Dispenser Outlet Location

Barrier ID: AX421084

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Nurse B09A
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The feminine product dispenser protrudes 5 3/8" into the circulation path at 35 7/8" above the floor.

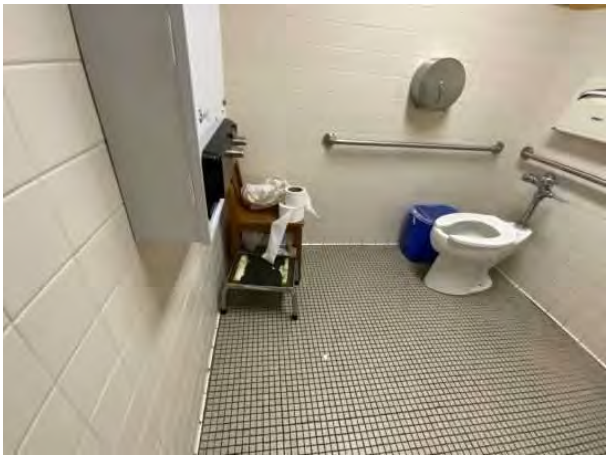
Resolution

Replace the feminine product dispenser with a dispenser maximum of 4” deep to provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	400.00	$ 400

Priority	3

Photos for Barrier ID: AX421084







Barrier ID: AX421081

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 9".

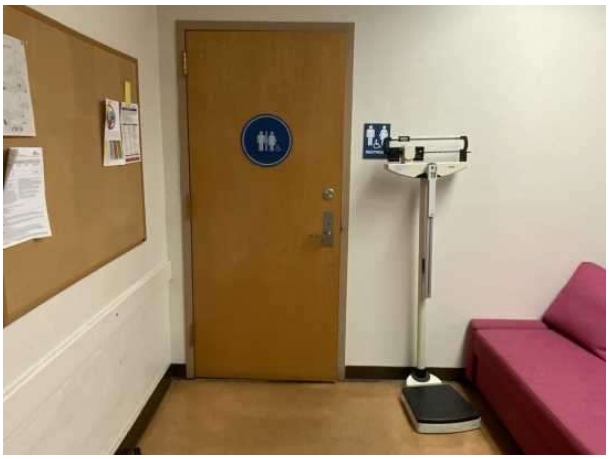
Resolution

Relocate to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421081





Barrier ID: AX421082

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 10 pounds of pressure to operate.

Resolution

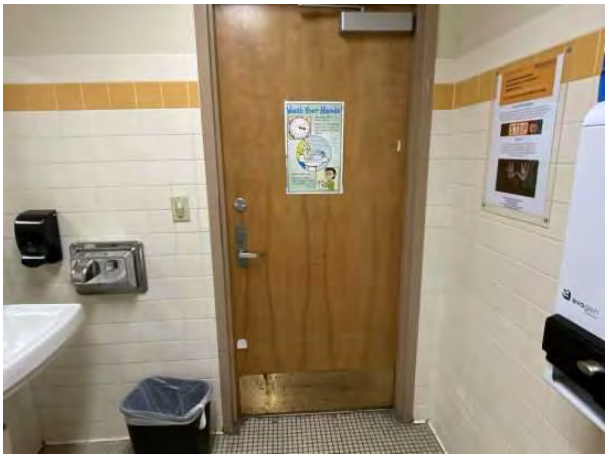
Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421082





Barrier ID: AX421083

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the push side the side clearance is 3".

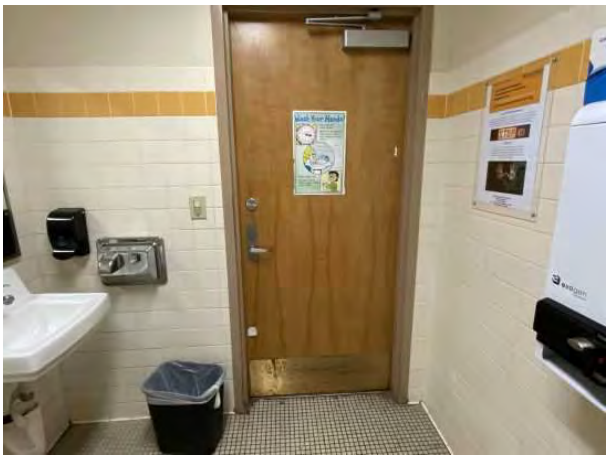
Resolution

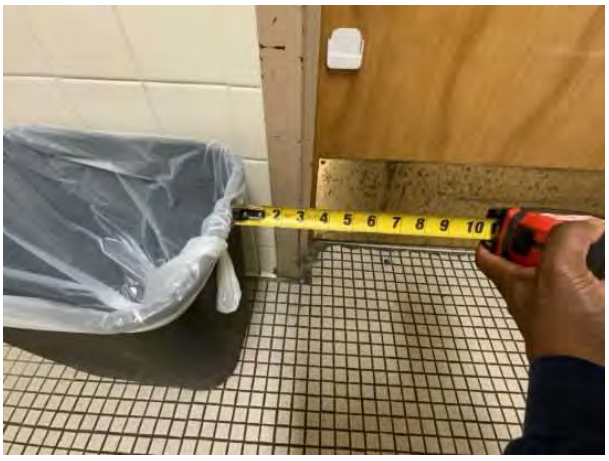
Relocate furniture to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421083





Barrier ID: AX421089

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421089





Barrier ID: AX421088

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 1/2" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421088





Barrier ID: AX421080

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The unisex restroom does not have compliant signage at the door.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The triangle symbol does not contrast with the circle on the door sign.

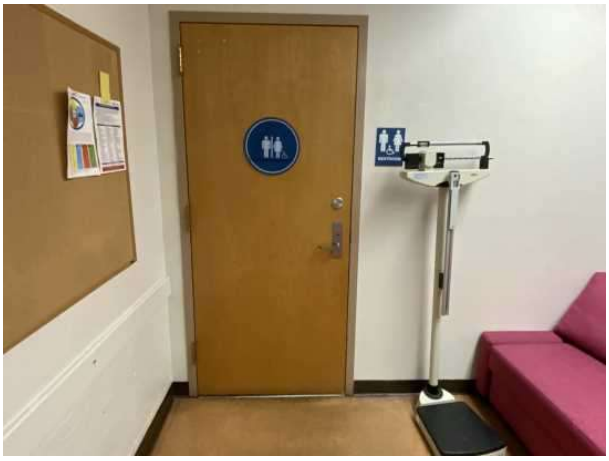
Resolution

Install compliant signage at the restroom entrances. Unisex toilet and bathing facilities shall be identified by a circle, ¼" thick and 12" in diameter with a ¼" thick triangle with a vertex pointing upward superimposed on the circle and within the 12" diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. Each doorway leading to restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's, women's or unisex shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: SIgns with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421080





Barrier ID: AX421085

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B- 604.3.1 and 3.2
Barrier Detail	CALIFORNIA- The water closet does not have the required clear floor space.
Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The clear space at the water closet is 57 1/2"measured perpendicular from side wall to the lavatory.

Resolution

Redesign to ensure that the water closet has the minimum required clear floor space. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. A minimum 60" wide and 48' deep maneuvering space shall be provided in front of the water closet. [Exception: In residential dwelling units required to be mobility accessible, maneuvering space in front of the water closet shall be a minimum 60" wide and 36" deep.] The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition, Water closets shall be arranged for a left-hand or right-hand approach, with the flush on the open side. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [Exception: In residential dwelling units, a lavatory shall be permitted on the rear wall 18" minimum from the water closet centerline where the clearance at the water closet is 66" minimum measured perpendicular from the rear wall.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,375.00	$ 1,375

Priority	3

Photos for Barrier ID: AX421085





Barrier ID: AX421086

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421086

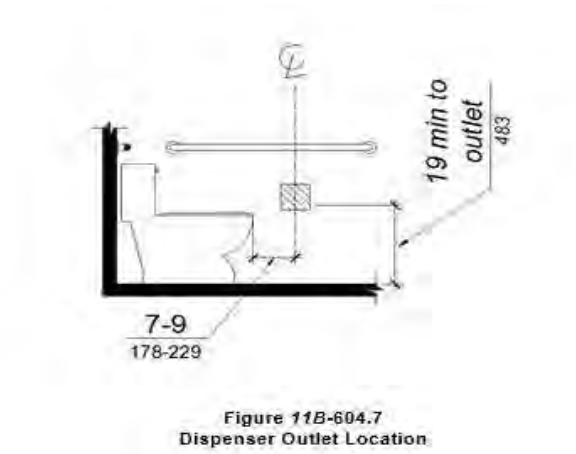
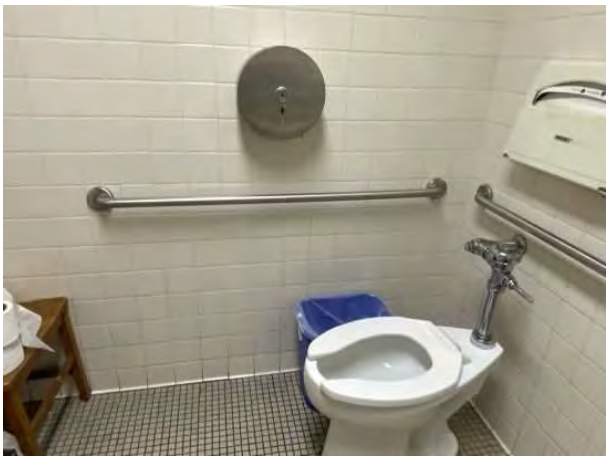


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421087

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.

Location Description	Nurse B09A
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The seat cover dispenser is 6" above the rear grab bar.

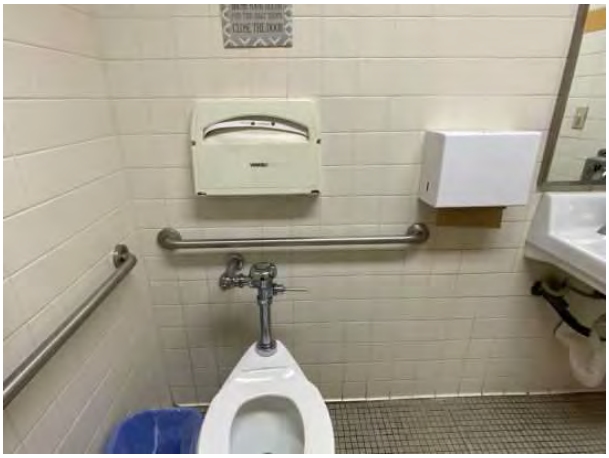
Resolution

Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421087





Barrier ID: AX421232

Marshall Fundamental School BUILDING F

Assembly	Common Areas
Type	Dining And Work Surface
ADA Standard	ADA 902.2; 902.4; California Building Code Chap 11B-226, 306.2, 306.3
Barrier Detail	CALIFORNIA: A compliant dining table is not provided.
Location Description	Open Area Dining F100
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

There are 100 seats requiring 5 accessible seats. There are 0 accessible seats provided. The tables do not have a clear width that allows a forward wheelchair approach and no knee and toe depth.

Resolution

Provide a compliant table that allows a clear space of 30" x 48" positioned for forward approach. Where dining surfaces are provided for the consumption of food or drink, at least 5% of the standing spaces and the seating spaces at dining surfaces shall comply. Dining surfaces shall be dispersed throughout the space or facility containing dining surfaces for each type of seating in a functional area. The top of the table shall be minimum 28" and maximum 34" high above the finish floor or ground. Where food or drink is served for consumption at a counter exceeding 34" in height, a portion of the main counter 60" minimum in length shall be provided at minimum 28" and maximum 34" high above the finish floor or ground. The table shall provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 19" deep minimum from floor or ground to minimum 27" above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 19" minimum to 25" maximum. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Provide a picnic table with a surface at minimum 26" and maximum 34" height. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.

Quantity	Unit Cost	Total Cost
5 EA	1,625.00	$ 8,125

Priority	3

Photos for Barrier ID: AX421232







Barrier ID: AX421258

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421258





Barrier ID: AX421254

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 10 pounds of pressure to operate.

Resolution

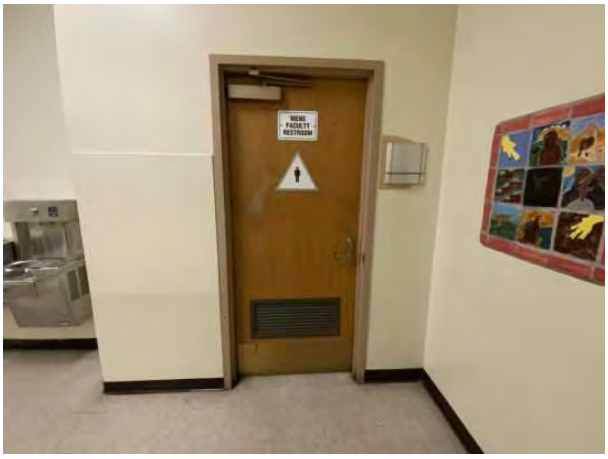
Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421254





Barrier ID: AX421255

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a front approach on the pull side the side clearance is 5" and the maneuvering clearance depth is 43 1/4".

Resolution

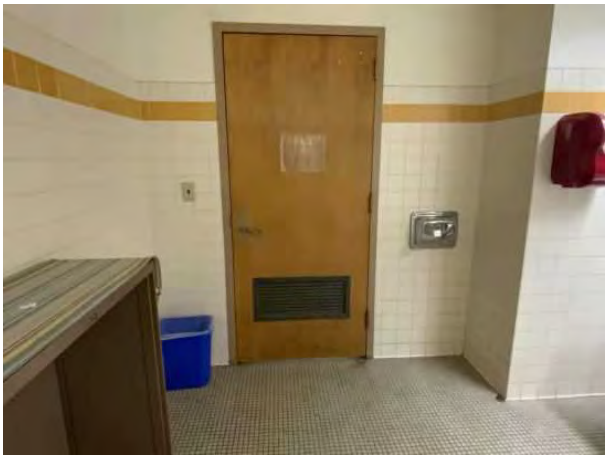
Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421255







Barrier ID: AX421257

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421257





Barrier ID: AX421256

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 7/8" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421256





Barrier ID: AX421250

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

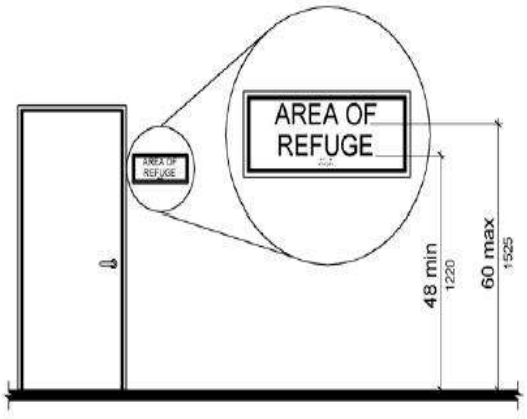
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

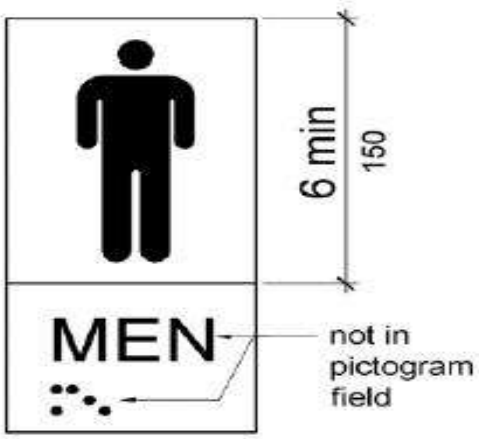
Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

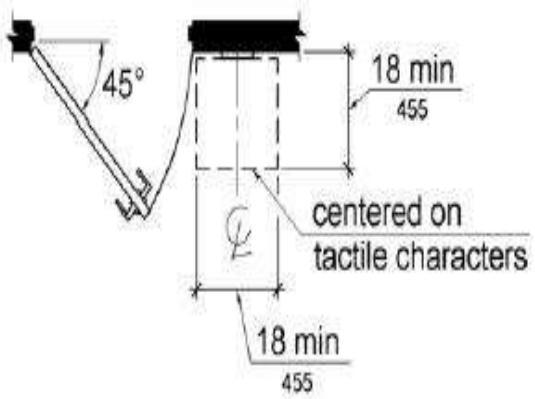
Photos for Barrier ID: AX421250











Barrier ID: AX421259

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing.

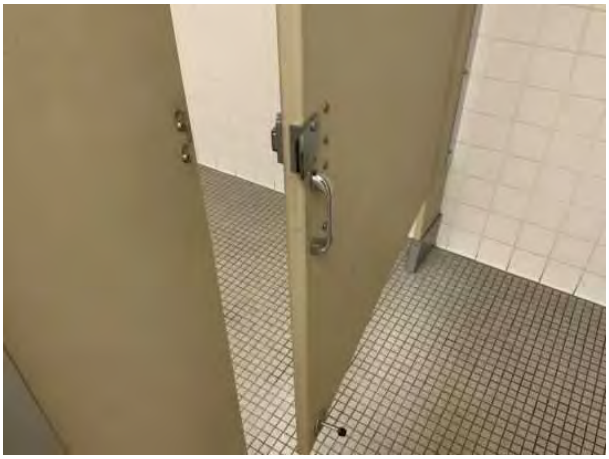
Resolution

Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

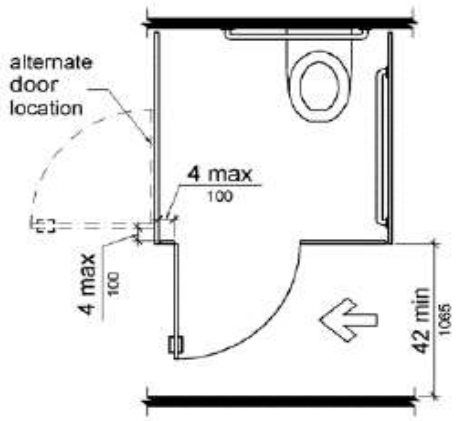
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421259







Barrier ID: AX421261

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 3" in front of the water closet.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421261





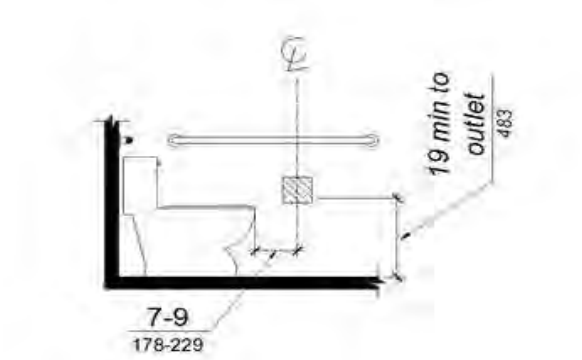


Figure *11B*-604.7
Dispenser Outlet Location

Barrier ID: AX421262

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".

Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located 1" below the side grab bar.

Resolution

Move the projecting object below or at the ends of the grab bar to a minimum of 1-1/2" from the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421262





Barrier ID: AX421263

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.1
Barrier Detail	The side grab bar at the water closet is not compliant.
Location Description	Staff C155
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The side grab extends 52" from the rear grab bar.

Resolution

Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421263





Barrier ID: AX421267

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421267





Barrier ID: AX421264

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.00 seconds from 90 degrees to a position 12 degrees from latch.

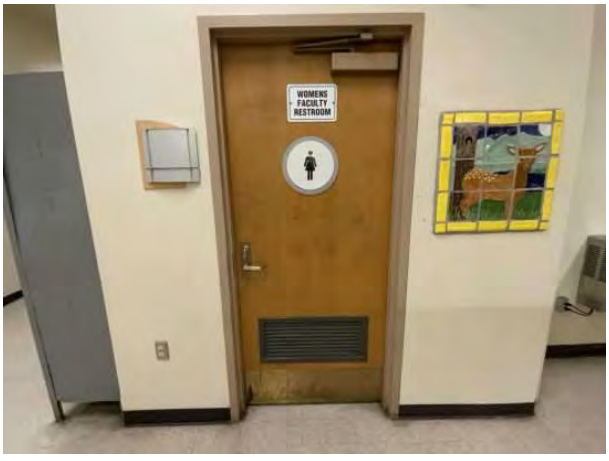
Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421264





Barrier ID: AX421265

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 15 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421265





Barrier ID: AX421266

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 4".

Resolution

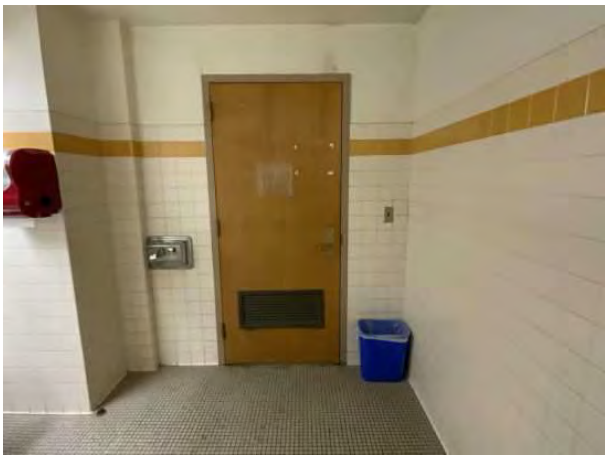
Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421266





Barrier ID: AX421268

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

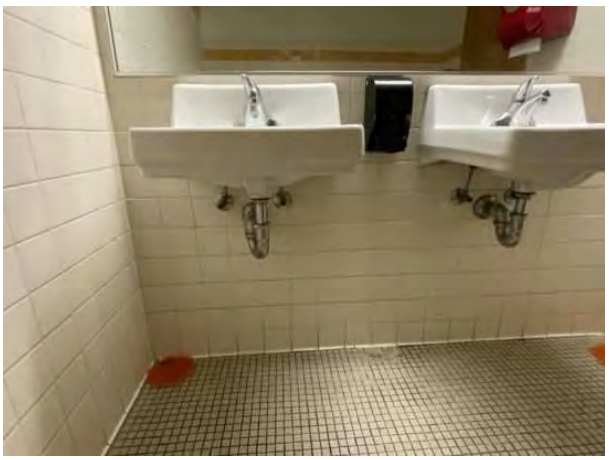
Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421268





Barrier ID: AX421269

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 41" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421269





Barrier ID: AX421251

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

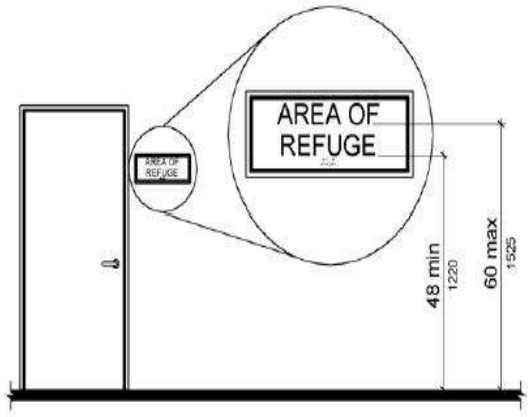
Resolution

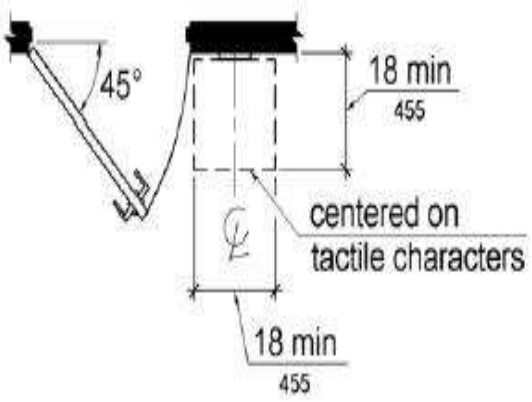
Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

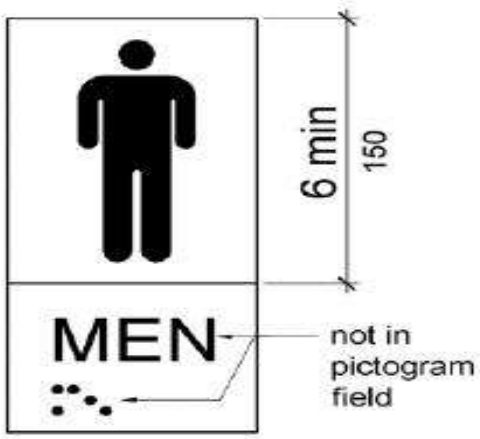
Photos for Barrier ID: AX421251











Barrier ID: AX421270

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	309, 404.2.7, 604.8.1.2
Barrier Detail	The wheelchair stall door is not compliant.
Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wheelchair stall door is not self closing.

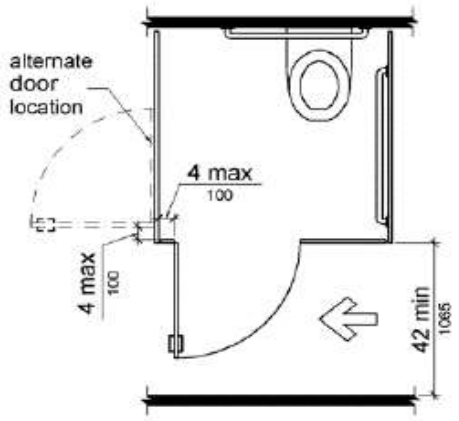
Resolution

Toilet compartment doors for wheelchair stalls, including door hardware, shall comply except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A compliant door pull shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area, 60" wide minimum measured perpendicular to the side wall, and 56" deep minimum for a wall hung water closet or 59" deep minimum for a floor mounted water closet measured perpendicular to the rear wall.

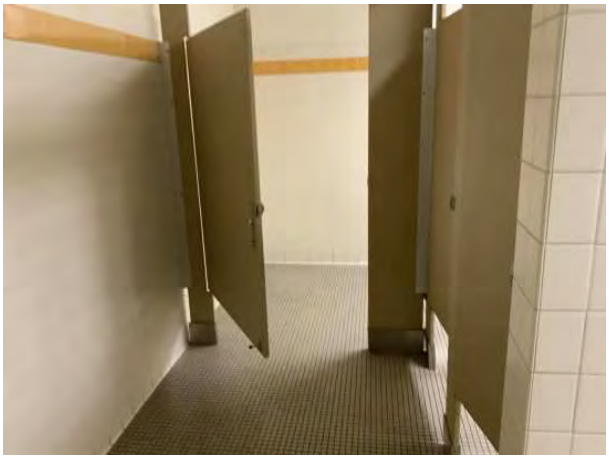
Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	3

Photos for Barrier ID: AX421270







Barrier ID: AX421271

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421271

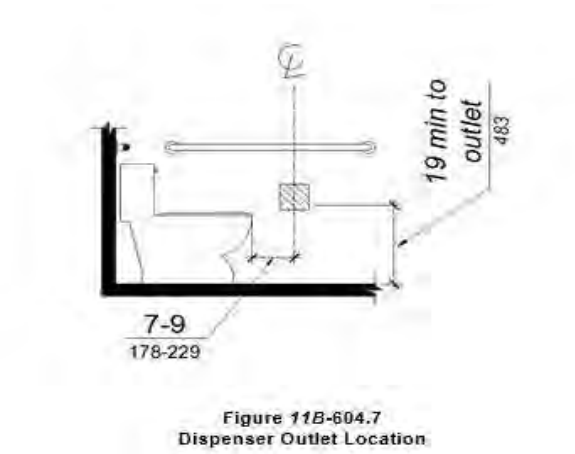


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421272

Marshall Fundamental School BUILDING C

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.1
Barrier Detail	The side grab bar at the water closet is not compliant.
Location Description	Staff C157
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The side grab bar extends 52" from the rear grab.

Resolution

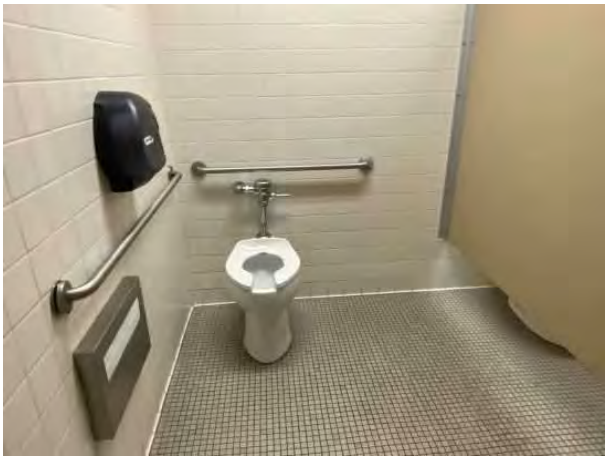
Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421272





Barrier ID: AX421226

Marshall Fundamental School BUILDING F

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff F109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom length is 35" and the width is 57". The restroom is not accessible.

Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421226







Barrier ID: AX421225

Marshall Fundamental School BUILDING F

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Staff F109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27".

Resolution

Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	1,405.00	$ 1,405

Priority	3

Photos for Barrier ID: AX421225





Barrier ID: AX421223

Marshall Fundamental School BUILDING F

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The unisex restroom does not have compliant signage at the door.

Location Description	Staff F109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The triangle symbol does not contrast with the circle on the door sign.

Resolution

Install compliant signage at the restroom entrances. Unisex toilet and bathing facilities shall be identified by a circle, ¼" thick and 12" in diameter with a ¼" thick triangle with a vertex pointing upward superimposed on the circle and within the 12" diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. Each doorway leading to restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's, women's or unisex shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: SIgns with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421223





Barrier ID: AX421224

Marshall Fundamental School BUILDING F

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Staff F109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the highest tactile character is 61 1/4" above the floor.

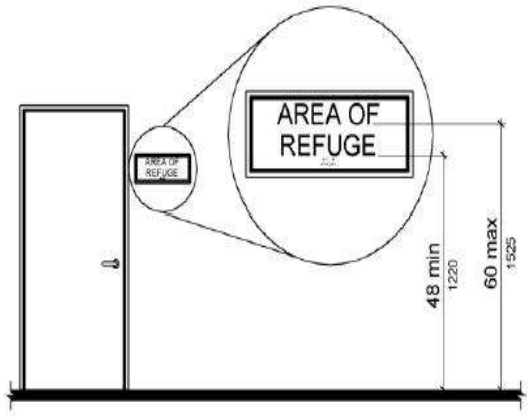
Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

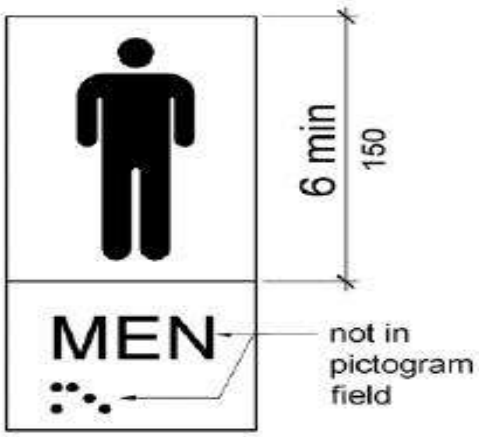
Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

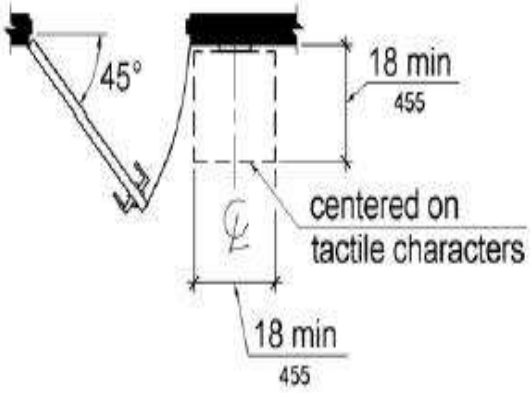
Priority	3

Photos for Barrier ID: AX421224











Barrier ID: AX421322

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421322





Barrier ID: AX421323

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispenser is 49 1/2" above the floor.
Height	49 1/2"

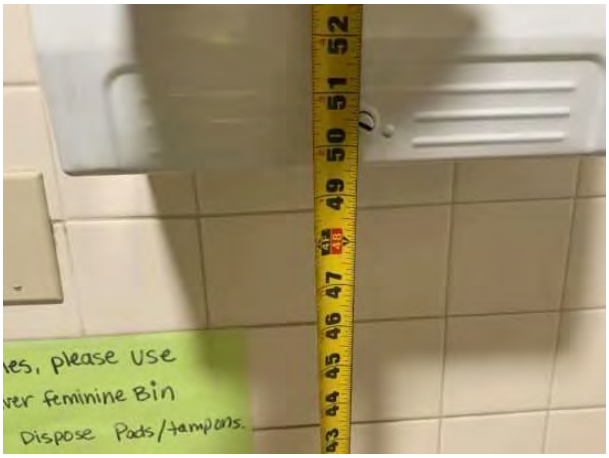
Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421323





Barrier ID: AX421318

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 10 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421318





Barrier ID: AX421320

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421320





Barrier ID: AX421321

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 1/2" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421321





Barrier ID: AX421319

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage has damaged/missing braille.

Resolution

Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421319





Barrier ID: AX421324

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Staff Restroom (D Building, 2nd Floor)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 14" in front of the water closet.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421324





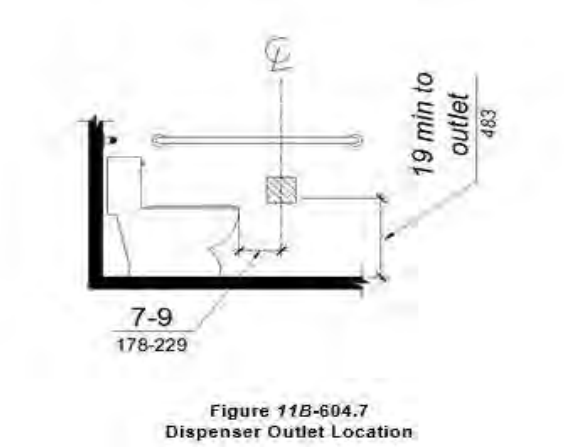


Figure *11B*-604.7
Dispenser Outlet Location

Barrier ID: AX420983

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.4; Table 404.2.4.1

Barrier Detail

The push side of the accessible door does not have the required maneuvering clearances.

Location Description	Staff Restroom - A Building 1st Floor
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 1 1/2". The door has a latch and closer.

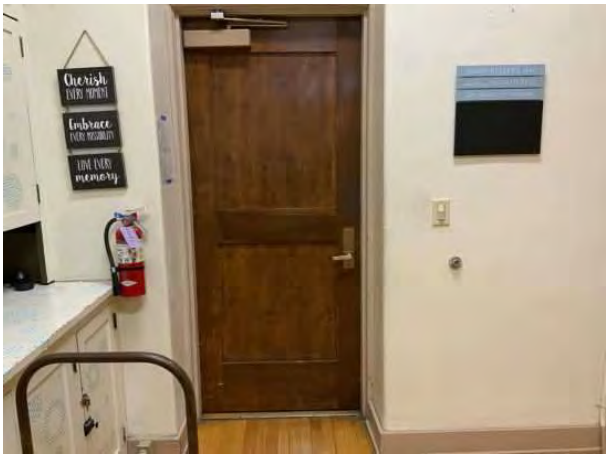
Resolution

Redesign to provide the required maneuvering clearance on the push side the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX420983





Barrier ID: AX422010

Marshall Fundamental School BUILDING B

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff Restroom - B Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom door width is 27". The restroom width is 57 1/2". The restroom is not accessible.

Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX422010







Barrier ID: AX421020

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff Restroom RR-1
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door width is 24" and the restroom length is 59". The restroom is not accessible.

Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421020









Barrier ID: AX421027

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff Restroom RR-2
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom length is 32" and the door width is 21". The restroom is not accessible.

Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". 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Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421027









Barrier ID: AX421045

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff Restroom RR-3
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom length is 38" and the width is 54". The restroom is not accessible.

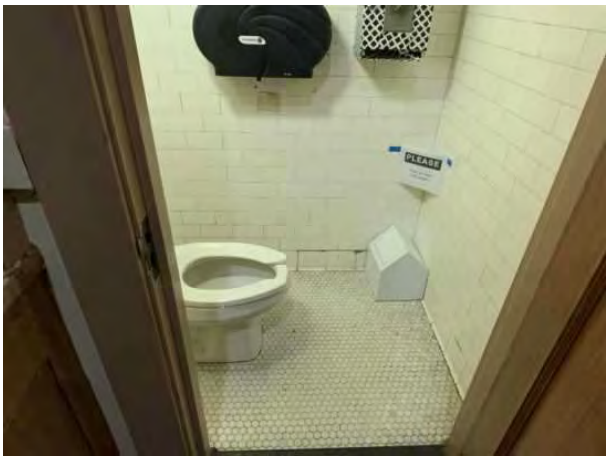
Resolution

Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421045







Barrier ID: AX421072

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421072





Barrier ID: AX421073

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Staff Restroom RR-4
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The feminine product dispenser protrudes 5 3/8" into the circulation path at 34" above the floor.

Resolution

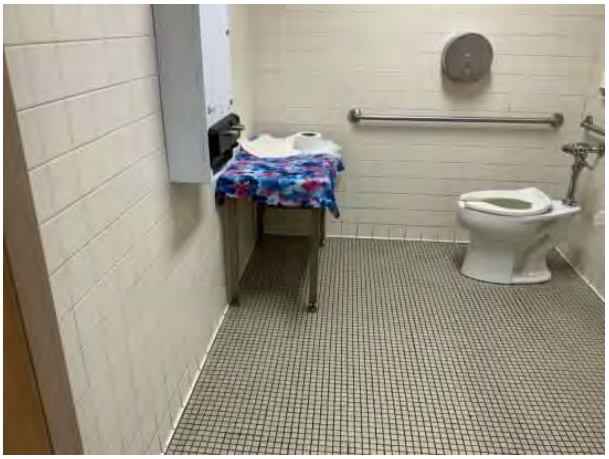
Replace the dispenser with a dispenser a maximum of 4” deep to provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	400.00	$ 400

Priority	3

Photos for Barrier ID: AX421073







Barrier ID: AX421074

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 11 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421074





Barrier ID: AX421075

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.46 seconds from 90 degrees to a position 12 degrees from latch.

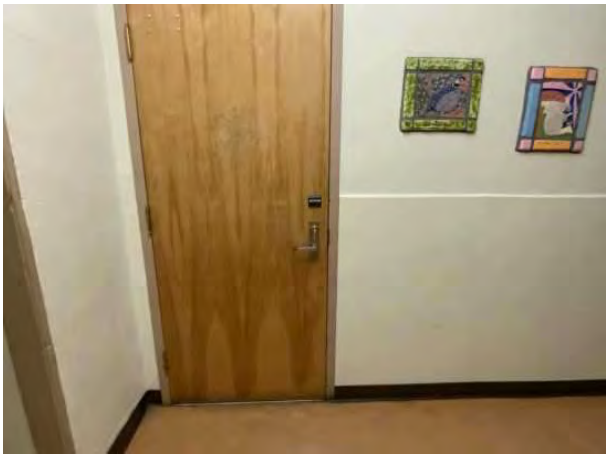
Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421075





Barrier ID: AX421076

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 3 3/4".

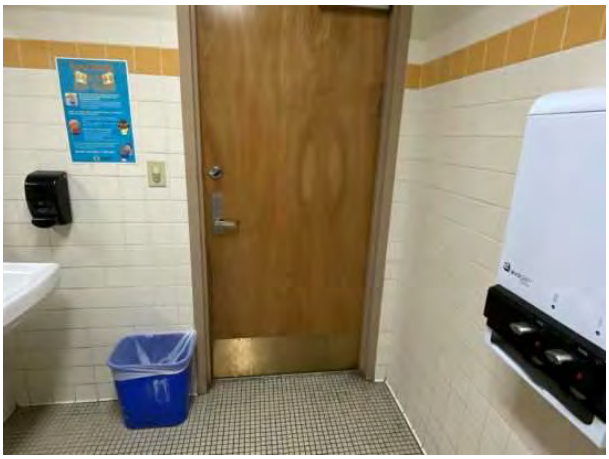
Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421076





Barrier ID: AX421070

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421070





Barrier ID: AX421071

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 1/2" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421071





Barrier ID: AX421065

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The unisex restroom does not have compliant signage at the door.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom door signage is not provided.

Resolution

Install compliant signage at the restroom entrances. Unisex toilet and bathing facilities shall be identified by a circle, ¼" thick and 12" in diameter with a ¼" thick triangle with a vertex pointing upward superimposed on the circle and within the 12" diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. Each doorway leading to restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's, women's or unisex shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: SIgns with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421065





Barrier ID: AX421066

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2, 703.1, 703.2, 703.5, 703.6

Barrier Detail

The restroom does not have compliant signage at the door with the International Symbol of Accessibility, raised characters, and Braille.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is missing from the latch side of the door.

Resolution

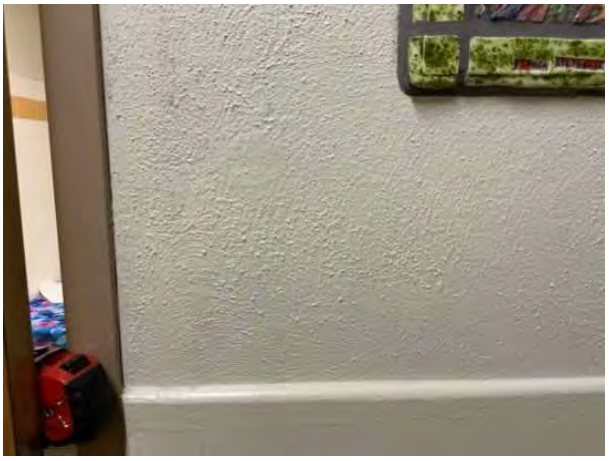
Mount compliant signage on the wall at the latch side of the restroom door at a compliant height. All signs for accessible restrooms, including directional signs indicating the restroom location, shall comply with the requirement for the International Symbol of Accessibility (ISA), where not all restrooms are accessible. The pictogram field shall be minimum 6" high. Signage shall include raised letters and Braille, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Accessible restrooms shall have signs with the International Symbol of Accessibility. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.] Raised characters shall be as follows: Depth: Raised characters shall be 1/32" minimum above their background. Case: Characters shall be uppercase. Style: Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions: Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height: Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

Priority	3

Photos for Barrier ID: AX421066





Barrier ID: AX421067

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B- 604.3.1 and 3.2
Barrier Detail	CALIFORNIA- The water closet does not have the required clear floor space.
Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The maneuvering clearance depth in front of the water closet is 28".

Resolution

Relocate furniture to ensure that the water closet has the minimum required clear floor space. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. A minimum 60" wide and 48' deep maneuvering space shall be provided in front of the water closet. [Exception: In residential dwelling units required to be mobility accessible, maneuvering space in front of the water closet shall be a minimum 60" wide and 36" deep.] The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition, Water closets shall be arranged for a left-hand or right-hand approach, with the flush on the open side. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [Exception: In residential dwelling units, a lavatory shall be permitted on the rear wall 18" minimum from the water closet centerline where the clearance at the water closet is 66" minimum measured perpendicular from the rear wall.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421067





Barrier ID: AX421068

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421068



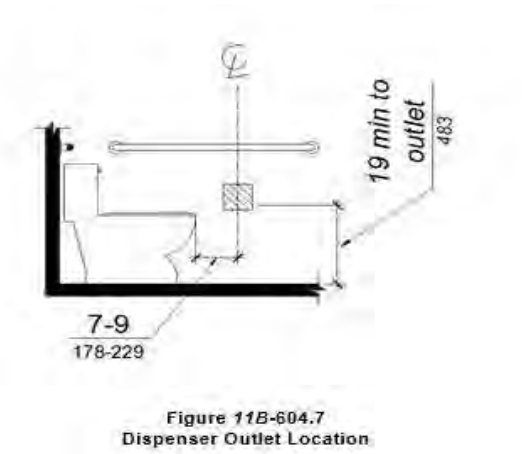


Figure *11B*-604.7
Dispenser Outlet Location



Barrier ID: AX421069

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.

Location Description	Staff Restroom RR-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The seat cover dispenser is 6" above the rear grab bar.

Resolution

Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421069





Barrier ID: AX421211

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 43" and 53" above the floor.

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
2 EA	116.25	$ 233

Priority	3

Photos for Barrier ID: AX421211







Barrier ID: AX421212

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421212





Barrier ID: AX421203

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 2". The door has a latch and closer.

Resolution

Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421203





Barrier ID: AX421206

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.3
Barrier Detail	The door has less than 32" clear width.
Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door clear width is 27".

Resolution

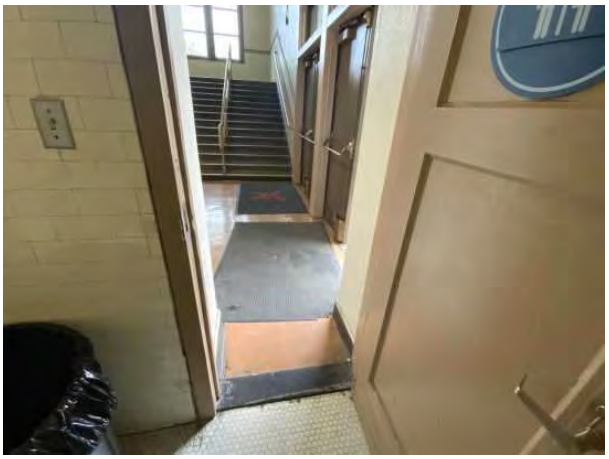
Remove and replace with a door that has a minimum clear opening of 32"; measured with the door open at 90°, measured from the face of the door to the stop. Door openings shall provide a clear width of 32" minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90°. Openings more than 24" deep shall provide a clear opening of 36" minimum. There shall be no projections into the required clear opening width lower than 34" above the finish floor or ground. Projections into the clear opening width between 34" and 80" above the finish floor or ground shall not exceed 4". [EXCEPTIONS: 1. In alterations, a projection of 5/8" maximum into the required clear width shall be permitted for the latch side stop. 2. Door closers and door stops shall be permitted to be 78" minimum above the finish floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	1,405.00	$ 1,405

Priority	3

Photos for Barrier ID: AX421206





Barrier ID: AX421207

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.27 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

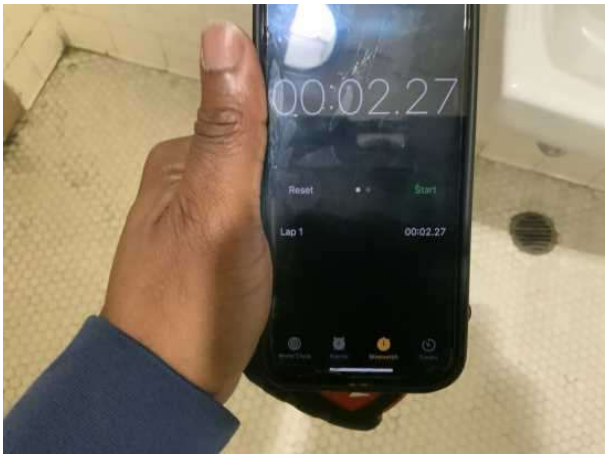
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421207





Barrier ID: AX421208

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a front approach on the pull side the side clearance is 9 1/4".

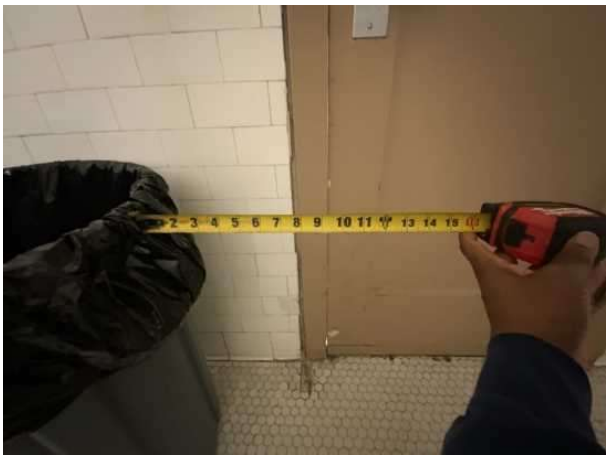
Resolution

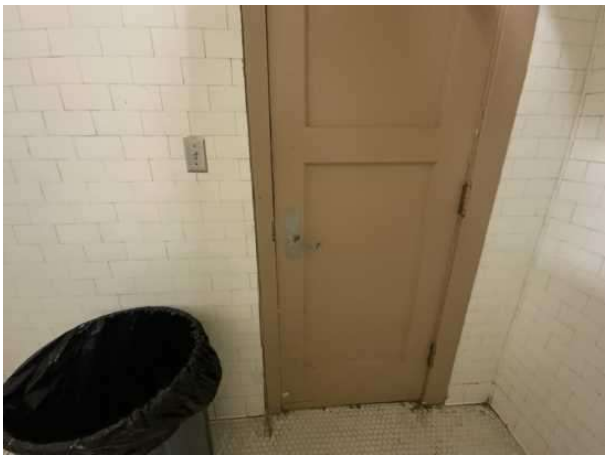
Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421208





Barrier ID: AX421214

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421214





Barrier ID: AX421204

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The unisex restroom does not have compliant signage at the door.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The triangle symbol does not contrast with the circle on the door sign.

Resolution

Install compliant signage at the restroom entrances. Unisex toilet and bathing facilities shall be identified by a circle, ¼" thick and 12" in diameter with a ¼" thick triangle with a vertex pointing upward superimposed on the circle and within the 12" diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. Each doorway leading to restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating men's, women's or unisex shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: SIgns with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421204





Barrier ID: AX421205

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	216.2,703.1, 703.2, 703.5

Barrier Detail

The provided signage is not mounted at the latch side of the door or at a compliant height.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Restroom signage is not provided on the latch side of the door.

Resolution

Remove and remount signage alongside the latch side of the door mounted at compliant height. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. [EXCEPTION: Tactile characters for elevator car controls shall not be required to comply.] Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18" minimum by 18" minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. [EXCEPTION: Signs with tactile characters shall be permitted on the push side of doors with closers and without hold-open devices.]

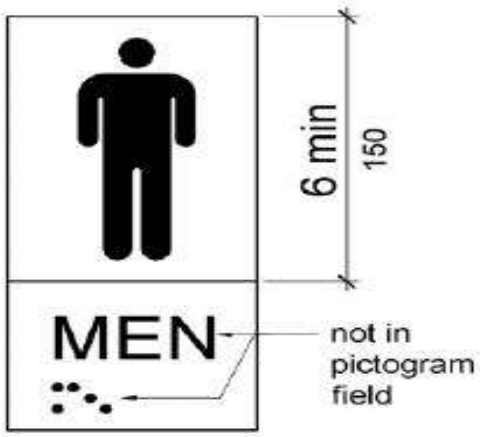
Quantity	Unit Cost	Total Cost
1 EA	68.75	$ 69

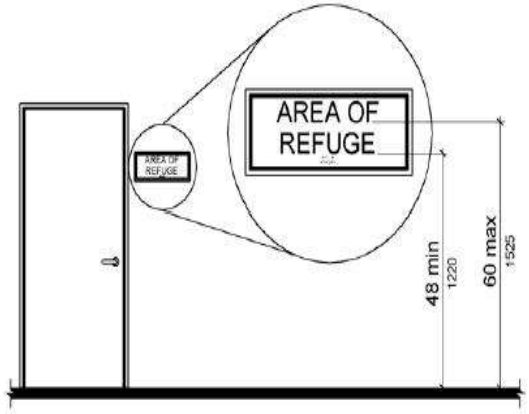
Priority	3

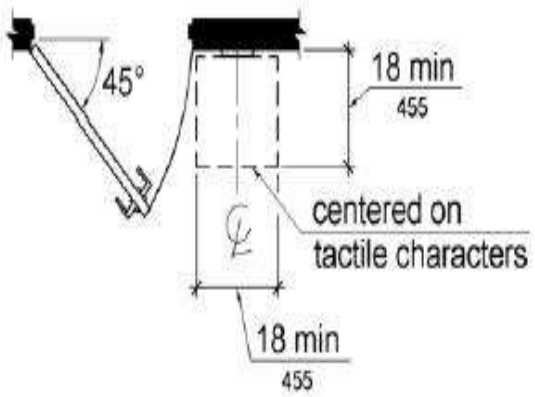
Photos for Barrier ID: AX421205











Barrier ID: AX421209

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects below and at the ends of the bar is less than 1-1/2".

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is 1" below the side grab bar.

Resolution

Move the projecting object below or at the ends of the grab bar to a minimum of 1-1/2" from the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421209





Barrier ID: AX421210

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.1
Barrier Detail	The side grab bar at the water closet is not compliant.
Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The side grab bar extends 53" from the rear wall.

Resolution

Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421210





Barrier ID: AX421213

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.3

Barrier Detail

CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.

Location Description	Staff Restroom RR-5
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the water closet is 16 3/4" from the side wall.

Resolution

Provide a water closet with centerline 17" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,710.00	$ 1,710

Priority	3

Photos for Barrier ID: AX421213





Barrier ID: AX421221

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421221





Barrier ID: AX421218

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the push side the side clearance is 2 1/2".

Resolution

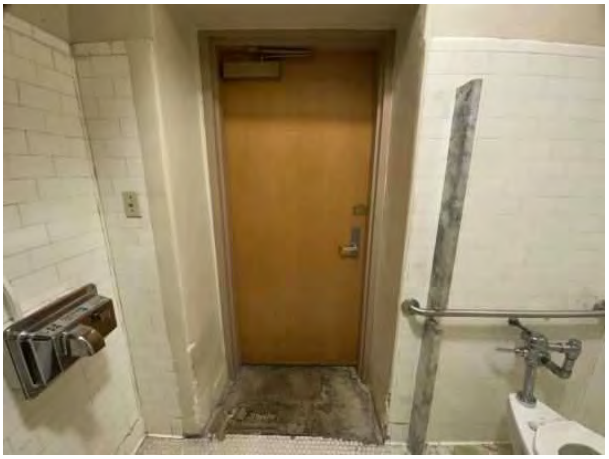
Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421218







Barrier ID: AX421219

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.2; 305

Barrier Detail

The lavatory does not have the required clear floor space of minimum 30" by minimum 48".

Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The trash can is located within the lavatory clear floor space.

Resolution

Relocate the trash can to provide minimum 30" by minimum 48" clear floor space positioned for a forward approach to the lavatory. Compliant knee and toe clearance shall be provided. [EXCEPTIONS: 2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance. 3. In residential dwelling units, cabinetry shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met: (a) the cabinetry can be removed without removal or replacement of the fixture; (b) the finish floor extends under the cabinetry; and (c) the walls behind and surrounding the cabinetry are finished. 4. A knee clearance of 24" minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 6 through 12 years where the rim or counter surface is 31" maximum above the finish floor or ground. 5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 5 years and younger. 6. The dip of the overflow shall not be considered in determining knee and toe clearances. 7. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance and shall comply. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Floor or ground surfaces of a clear floor or ground space shall comply. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The clear floor or ground space shall be 30" minimum by 48" minimum. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15".

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421219





Barrier ID: AX421220

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421220





Barrier ID: AX421216

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421216

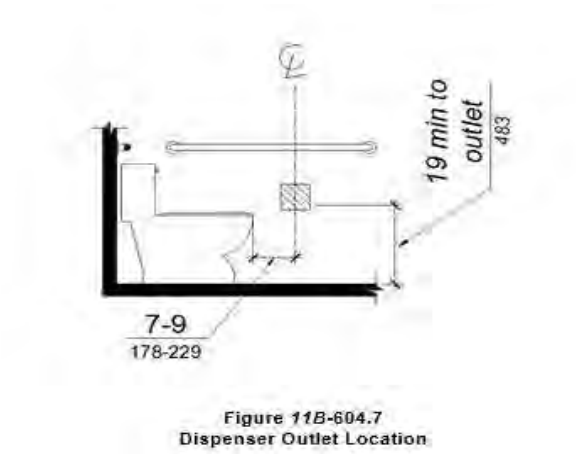


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421217

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3

Barrier Detail

The space between the grab bar and projecting objects above the grab bar is less than 12" minimum.

Location Description	Staff Restroom RR-6
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The wall plate is 1" above the rear grab bar.

Resolution

Move the projecting object above the grab bar to 12" minimum from the top of the gripping surface of the grab bar. [EXCEPTION: The space between grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1-1/2" minimum.]

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX421217





Barrier ID: AX421329

Marshall Fundamental School BUILDING D

Assembly	Restroom
Type	Restroom/Bathroom
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Staff Unisex Restroom D Building 2nd Floor
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The restroom door width is 27" and the inside of the restroom width is 35". The restroom is not accessible.

Resolution

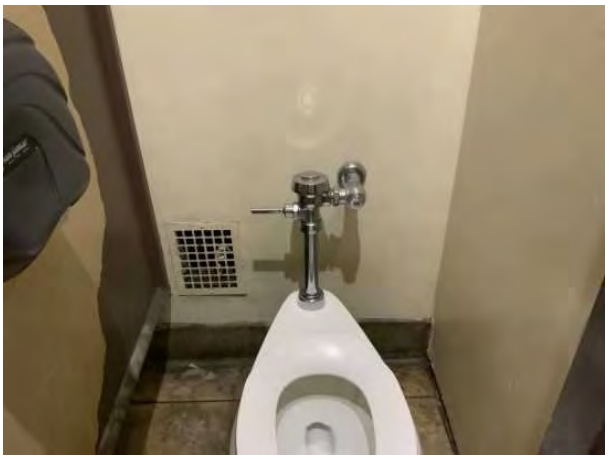
Redesign the single user restroom to allow for a larger restroom with compliant dimensions for all restroom fixtures, including an accessible route into the restroom and clear space at fixtures. Provide compliant restroom fixtures. Clearance at the water closet shall be minimum 60" wide and minimum 56" deep. Water closet clearance can overlap with the toilet, grab bars, dispensers, clear floor space of other fixtures, and turning spaces, but cannot overlap other fixtures. Horizontal grab bars shall be provided on the side wall and rear wall at the water closet. Horizontal grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. The horizontal side wall grab bar shall be located on the side wall closest to the toilet. The side grab bar shall measure 42" long, be mounted 12" maximum from rear wall, and extend 54" minimum from the rear wall. The rear wall grab bar shall be 36" long, and extend from the centerline of the toilet 12" minimum on closed side of the toilet and 24" minimum on the open side of the toilet. [Exceptions: 1. Where wall space does not allow for a 36" long bar due to a recessed fixture adjacent to the water closet, a 24" long bar centered on the toilet is permitted. 2. Where the administrative authority requires flush controls for flush valves located in a position which conflicts with the rear grab bar, then the rear grab bar may be split or shifted to the open side of the water closet.] Projecting fixtures/dispensers above grab bars shall be located minimum 12" above horizontal grab bars and minimum of 1-1/2" below horizontal grab bars. Flush controls shall be mounted on the open side of the toilet, operable with one hand and mounted no higher than 48" above the finished floor. The centerline of the water closet shall be 16" minimum to 18" maximum from the side wall. The water closet seat height shall be 17" minimum to 19" maximum above finished floor. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the leading edge of the toilet, measured to the center line of the dispenser. Toilet paper dispensers shall allow continuous flow without delivery control. Relocate the lavatory to provide minimum 30" wide by minimum 48" deep clear floor space, positioned for a forward approach to the lavatory with the 30" dimension centered on the lavatory. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided. Alcoves shall be 36" wide minimum where the depth exceeds 24". Alcoves shall be 60" wide minimum where the depth exceeds 15". The rim of the lavatory shall be 34" maximum above finish floor. Compliant knee and toe clearance shall be provided. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25 inches maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. [EXCEPTIONS: The dip of the overflow shall not be considered in determining knee and toe clearances. No more than one bowl of a multi-bowl sink shall be required to provide knee and toe clearance.] Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] Provide a turning space within the restroom. Provide a turning space within the restroom. Turning space shall be either a circular space or a T- shaped space. The circular turning space shall be a space of 60" diameter minimum. The space shall be permitted to include knee and toe clearance. The T-shaped turning space shall be a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. Floor or ground surfaces of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] [Advisory 304.2: Floor or Ground Surface Exception: Turning space "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding 1/4". Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aides, such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones.] At least one of each type of fixture, element, control or dispenser in each toilet room shall be accessible, within allowable reach ranges. The bottom of the reflective surface of mirrors, not including the frame, shall be 40" maximum above finish floor when above lavatories and counters, and 35" maximum when not above sinks and counters. [ADVISORY: the top edge of the reflective surface of mirrors should be 74" minimum from finished floor.]

Quantity	Unit Cost	Total Cost
1 EA	15,000.00	$ 15,000

Priority 3

Photos for Barrier ID: AX421329











Barrier ID: AX420971

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Protruding Object
ADA Standard	307.2

Barrier Detail

The restroom circulation path is not free of objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Location Description	Women's Restroom - A Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The feminine product dispenser protrudes 5 3/8" into the circulation path at 36 1/2" above the floor.

Resolution

Replace the dispenser with a dispenser a maximum of 4” deep to provide a restroom circulation path which does not have objects protruding more than 4" from wall in the space between 27" and 80" height above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	400.00	$ 400

Priority	3

Photos for Barrier ID: AX420971







Barrier ID: AX420964

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2; Table 404.2.4.1

Barrier Detail

The pull side of the accessible door does not have the required maneuvering clearances.

Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	For a forward approach on the pull side the side clearance is 15 3/4".

Resolution

Relocate furniture to provide the required maneuvering clearance at the pull side of the door. The required depth of the maneuvering clearance is 60" minimum. The required side clearance is 18" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	125.00	$ 125

Priority	3

Photos for Barrier ID: AX420964





Barrier ID: AX420965

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 2.63 seconds from 90 degrees to a position 12 degrees from latch.

Resolution

Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX420965





Barrier ID: AX420966

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B- 604.3.1 and 3.2
Barrier Detail	CALIFORNIA- The water closet does not have the required clear floor space.
Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The clear space at the water closet is 55 1/2" measured perpendicular from side wall to the lavatory.

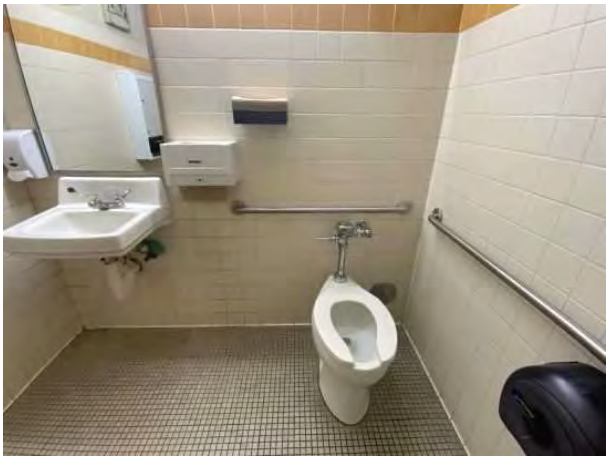
Resolution

Redesign to ensure that the water closet has the minimum required clear floor space. The water closet shall be positioned with a wall or partition to the rear and to one side. Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall. A minimum 60" wide and 48' deep maneuvering space shall be provided in front of the water closet. [Exception: In residential dwelling units required to be mobility accessible, maneuvering space in front of the water closet shall be a minimum 60" wide and 36" deep.] The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition, Water closets shall be arranged for a left-hand or right-hand approach, with the flush on the open side. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance. [Exception: In residential dwelling units, a lavatory shall be permitted on the rear wall 18" minimum from the water closet centerline where the clearance at the water closet is 66" minimum measured perpendicular from the rear wall.] [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,375.00	$ 1,375

Priority	3

Photos for Barrier ID: AX420966





Barrier ID: AX420967

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 22" from the centerline of the water closet on the open side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX420967





Barrier ID: AX420968

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.3

Barrier Detail

CALIFORNIA: The centerline of the toilet in the wheelchair stall or single-user restroom is not 17" minimum to 18" maximum from the sidewall.

Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the water closet is 18 1/4" from the side wall.

Resolution

Provide a water closet with centerline 17" minimum to 18" maximum from the side wall or partition. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 17" minimum to 18" maximum from the side wall or partition in a wheelchair stall. Water closets shall be arranged for a left-hand or right-hand approach. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	1,710.00	$ 1,710

Priority	3

Photos for Barrier ID: AX420968





Barrier ID: AX420969

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.1
Barrier Detail	The side grab bar at the water closet is not compliant.
Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The side grab bar extends 53 1/2" from the rear wall.

Resolution

Remove and install a compliant side grab bar. The side wall grab bar shall be 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX420969





Barrier ID: AX420970

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.7, 604.9, 609.3
Barrier Detail	The toilet paper dispenser is not at a compliant location.
Location Description	Women's Restroom - A Building
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The centerline of the toilet paper dispenser is 12" in front of the water closet.

Resolution

Remove and relocate the toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Where located below the side grab bar, the top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Where located above the side grab bar, the bottom of the projecting toilet paper dispenser shall be located 12" minimum above the top of the gripping surface of the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

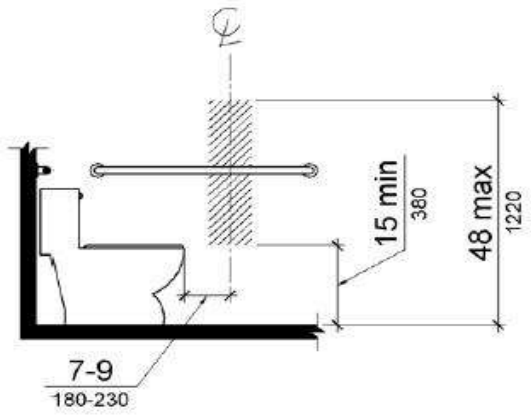
Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX420970







Barrier ID: AX421975

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	California Building Code Chap 11B-603.5
Barrier Detail	CALIFORNIA: Dispensers in restrooms are not located maximum 40" AFF.
Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 41" and 46" above the floor.

Resolution

Move the dispenser so that the outlet of the dispenser and all operable parts are maximum 40" above finish floor or existing grade. Where accessory dispensers, including towel dispensers, sanitary napkins, waste receptacles, or other accessories are provided, all operable parts and/or openings for the user including coin slots shall be maximum 40" above finish floor. [EXCEPTION: Does not apply to baby changing tables.] [ADVISORY: Where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children, the suggested dimensions for children shall be permitted. These dimensions apply to either forward or side reaches. Suggested reach ranges for elements which are used primarily by children are as follows: Ages 3 to 4- low/minimum reach 20" and high/maximum reach 36"; Ages 5 through 8- low/minimum reach 18" and high/maximum reach 40"; Ages 9 through 12: low/minimum reach 16" and high/maximum reach 44".]

Quantity	Unit Cost	Total Cost
2 EA	116.25	$ 233

Priority	3

Photos for Barrier ID: AX421975







Barrier ID: AX421976

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Controls And Dispensers
ADA Standard	606.1; 309.4
Barrier Detail	Controls on dispensers are not compliant.
Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

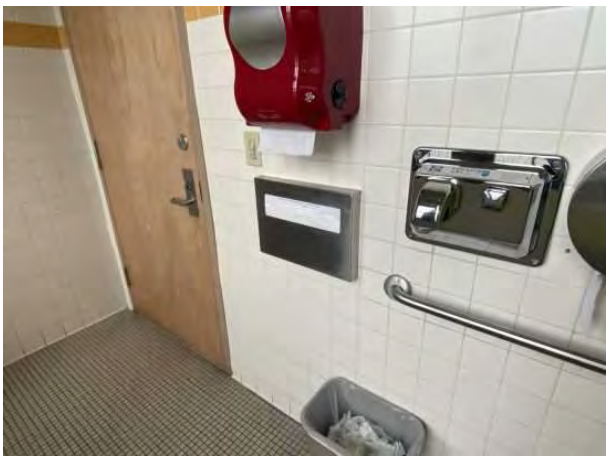
Resolution

Provide compliant controls and operating mechanisms. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421976





Barrier ID: AX421971

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.9

Barrier Detail

The force required to open the interior, hinged, non-fire door is more than 5 pounds.

Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The door requires 16 pounds of pressure to operate.

Resolution

Adjust closer or replace with an closer that requires no more 5 pounds of force to stop the door motion. The maximum force for pushing or pulling open a door shall be for interior hinged doors: 5 lbs (22.2N). The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Note: Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421971





Barrier ID: AX421972

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.4

Barrier Detail

The push side of the door does not have the required maneuvering clearances.

Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

For a forward approach on the push side the side clearance is 10 1/4". There is a latch and closer.

Resolution

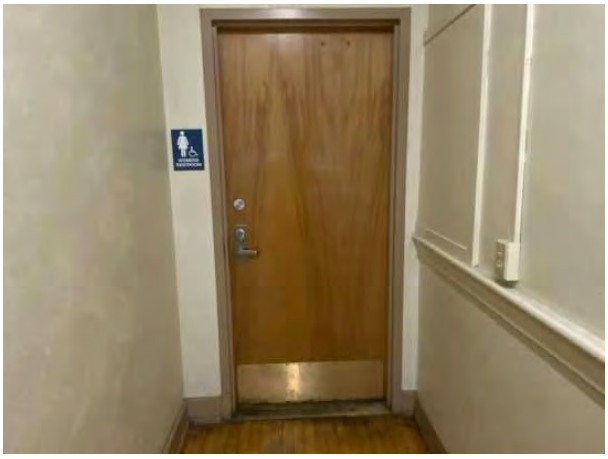
Redesign to provide the required maneuvering clearance at the push side of the door. The required depth of the maneuvering clearance is 48" minimum. The required side clearance is 12" minimum on the latch side of the door. Maneuvering clearance shall extend the full width of the doorway and the required latch side clearance. Floor or ground space within the required maneuvering clearance shall be maximum 1:48 (2.08%) slope. Changes in level are not permitted.

Quantity	Unit Cost	Total Cost
1 EA	1,562.50	$ 1,563

Priority	3

Photos for Barrier ID: AX421972





Barrier ID: AX421973

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.8

Barrier Detail

The accessible door with door closer has a sweep period of less than 5 seconds from 90 degrees to a position 12 degrees from latch.

Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The closing speed is 1.64 seconds from 90 degrees to a position 12 degrees from latch.

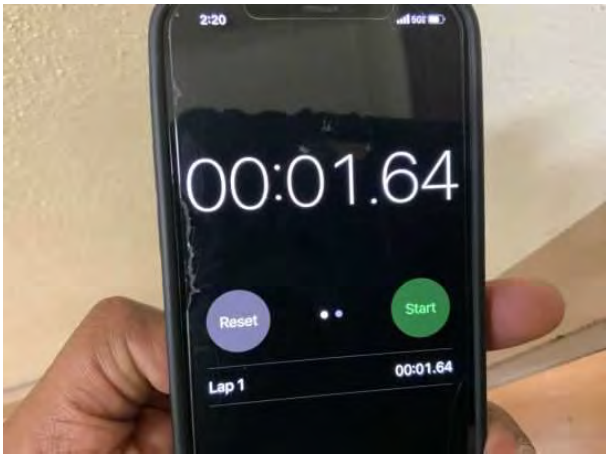
Resolution

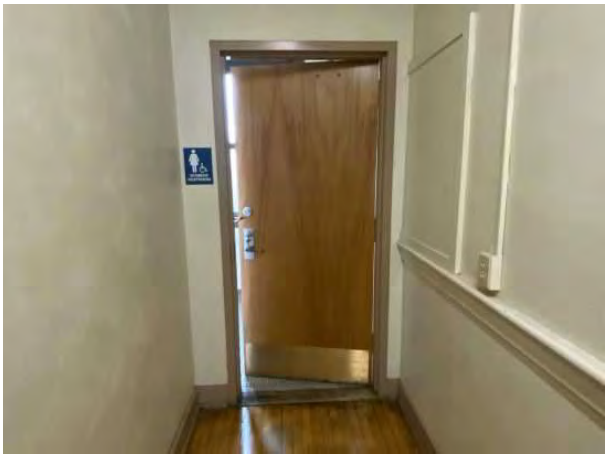
Adjust closer or remove and replace closer to ensure that the door has a closure time of at least 5 seconds within 12 degrees of the latch. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Quantity	Unit Cost	Total Cost
1 EA	457.50	$ 458

Priority	3

Photos for Barrier ID: AX421973





Barrier ID: AX421977

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	213.3.4, 606.5
Barrier Detail	Pipes are not insulated.
Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The lavatory pipes are not completely covered.

Resolution

Insulate water supply and drain pipes under the accessible lavatory. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. Pipes under lavatories and sinks shall be free from sharp or abrasive surfaces. A minimum of one lavatory in a multi-lavatory restroom shall be a compliant lavatory.

Quantity	Unit Cost	Total Cost
1 EA	81.25	$ 81

Priority	3

Photos for Barrier ID: AX421977





Barrier ID: AX421980

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 40" above finish floor to the bottom of the reflective surface, where it is installed above a lavatory or counter.

Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the reflective surface of the mirror is 40 1/2" above the floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40" maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35" maximum above the finish floor or ground. [ADVISORY: A single full-length mirror can accommodate a greater number of people, including children. In order for mirrors to be usable by people who are ambulatory and people who use wheelchairs, the top edge of mirrors should be 74" minimum from the floor or ground.]

Quantity	Unit Cost	Total Cost
1 EA	250.00	$ 250

Priority	3

Photos for Barrier ID: AX421980





Barrier ID: AX421970

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Signage
ADA Standard	ADA 703.4.2; CBC 216.2, 703.1, 703.2, 703.5

Barrier Detail

CALIFORNIA: The women's restroom does not have compliant signage at the door.

Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The restroom door signage is not provided.

Resolution

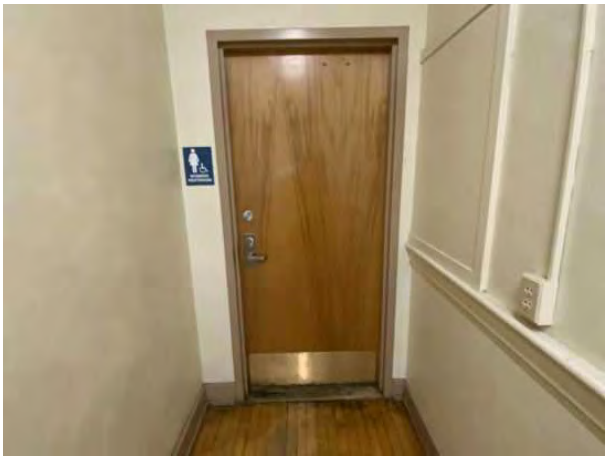
Install compliant signage at the restroom entrance. Women's toilet and bathing facilities shall be identified by a circle, ¼ inch thick and 12 inches in diameter. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background. Each doorway leading to restrooms and bathing rooms shall have a geometric symbol mounted min. 58"-max. 60" above finish floor or ground, measured to the centerline of the symbol. Where a door is provided, the geometric symbol sign shall be located within 1" of the vertical centerline of the door. The edges of the geometric symbol signs shall be rounded, chafered, or eased. The corners of the geometric sign shall have minimum 1/8" radius. Compliant signage with the International Symbol of Accessibility (ISA) and tactile characters indicating women's shall be provided. The ISA shall be a white figure on a blue background. The blue shall be Color #15090 in Federal Standard 595B. [EXCEPTION: The enforcing agency may approve other colors of light-on-dark or dark-on-light contrast.] Signage with the International Symbol of Accessibility and Braille shall be located on the latch side of the doorway [EXCEPTION: SIgns with tactile characters are permitted on the push sides of doors with closers and without hold-open devices]. Clear space of 18" minimum by 18" minimum shall be provided at the centerline of the tactile characters; the centerline of the tactile characters shall be minimum 9" distance outside of door swing. Tactile characters on signs shall be located 48" minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60" maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Raised characters shall be complaint and shall be duplicated in Braille. Raised characters shall be as follows: Depth. Raised characters shall be 1/32" minimum above their background. Case - Characters shall be uppercase. Style- Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Character Proportions - Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 % minimum and 110 % maximum of the height of the uppercase letter "I". Character Height- Character height measured vertically from the baseline of the character shall be 5/8" minimum and 2" maximum based on the height of the uppercase letter "I". [EXCEPTION: Where separate raised and visual characters with the same information are provided, raised character height shall be permitted to be 1/2" minimum.] The visual characters of the sign shall be installed at minimum 40" above finish floor.

Quantity	Unit Cost	Total Cost
1 EA	137.50	$ 138

Priority	3

Photos for Barrier ID: AX421970





Barrier ID: AX421974

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	CBC Chap 11B-604.7, 604.9, 609.3
Barrier Detail	CALIFORNIA: The toilet paper dispenser is not compliant.
Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The toilet paper dispenser is located above the grab bar.

Resolution

Provide a compliant toilet paper dispenser. Toilet paper dispensers shall be 7" minimum and 9" maximum in front of the water closet, measured to the centerline of the dispenser. The outlet of the dispenser shall be below the grab bar and 19" minimum above the finish floor. The toilet paper dispenser shall not be located behind grab bars. The top of projecting toilet paper dispensers shall be located 1-1/2" minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"]. Toilet paper dispensers and sanitary napkin disposal units shall comply with Section 11B-604.7. Combination accessory units are not permitted to encroach into the space required for grab bars.

Quantity	Unit Cost	Total Cost
1 EA	350.00	$ 350

Priority	3

Photos for Barrier ID: AX421974

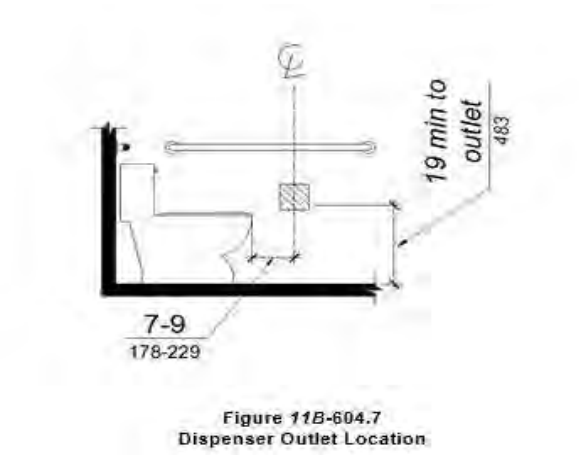


Figure 11B-604.7
Dispenser Outlet Location





Barrier ID: AX421978

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	604.5.2
Barrier Detail	The rear grab bar at the water closet is not compliant.
Location Description	Women's Restroom RR-8
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The rear grab bar extends 22" from the centerline of the water closet on the open side.

Resolution

Remove and install a compliant rear grab bar. The rear wall grab bar shall be 36" long minimum and extend from the centerline of the water closet 12" minimum on the closed side and 24" minimum on the open side. [EXCEPTIONS: 1. The rear grab bar shall be permitted to be 24" long minimum, centered on the water closet, where wall space does not permit a length of 36" minimum due to the location of a recessed fixture adjacent to the water closet. 2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.] Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use, grab bars shall be installed in a horizontal position 18" minimum and 27" maximum above the finish floor measured to the top of the gripping surface. A continuous grab bar is allowable in lieu of rear and side grab bars. [ADVISORY: It is advisable, but not required, to use the specifications for children where children are the primary users of the restroom. Guidance in applying the specifications for children according to the age group served reflects the differences in the size, stature, and reach ranges of children ages 3 to 12. The specifications chosen should correspond to the age of the primary user group. The specifications of one age group should be applied consistently in the installation of a water closet and related elements. Water Closet Centerline: Ages 3 and 4- 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 18". Toilet Seat Height: Ages 3 and 4- 11" to 12"; Ages 5 through 8- 12" to 15"; Ages 9 through 12- 15" to 17". Grab Bar Height: Ages 3 and 4- 18" to 20"; Ages 5 through 8- 20" to 25"; Ages 9 through 12- 25" to 27"; Dispenser Height: Ages 3 and 4- 14"; Ages 5 through 8- 14" to 17"; Ages 9 through 12- 17" to 19"].

Quantity	Unit Cost	Total Cost
1 EA	443.75	$ 444

Priority	3

Photos for Barrier ID: AX421978





Barrier ID: AX421979

Marshall Fundamental School BUILDING A

Assembly	Restroom
Type	Restroom/Bathroom - Water Closet
ADA Standard	609.3
Barrier Detail	Projecting object above the grab bar is less than 12" minimum above the bar.
Location Description	Women's Restroom RR-8
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 7" and 8" above the side grab bar.

Resolution

Move projecting object located above or below a grab bar. The space between a grab bar and projecting objects above shall be 12" minimum, and the space below shall be minimum 1-1/2". Install the object within at least one of the allowable reach ranges. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. [EXCEPTION 1: An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.

Quantity	Unit Cost	Total Cost
2 EA	200.00	$ 400

Priority	3

Photos for Barrier ID: AX421979





Barrier ID: AX421010

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Auditorium A112 North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Handrails are not provided on one side of the stairs and handrail extensions are missing on the wall side of the stairs.

Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
8 LF	203.75	$ 1,630

Priority	4

Photos for Barrier ID: AX421010





Barrier ID: AX421011

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Auditorium A112 North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Handrails are not provided on one side of the stairs and handrail extensions are missing on the wall side of the stairs.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
4 LF	203.75	$ 815

Priority	4

Photos for Barrier ID: AX421011







Barrier ID: AX421012

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Auditorium A112 North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install visual contrast at the interior stair flight. The upper approach and lower tread shall be marked by a stripe providing clear visual contrast. The visual contrast shall be located at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from the nose of the step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
7 Riser	44.00	$ 308

Priority	4

Photos for Barrier ID: AX421012





Barrier ID: AX421013

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Auditorium A112 South Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

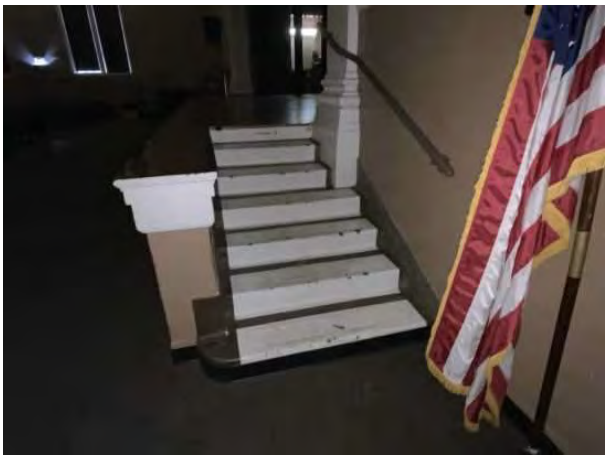
Install visual contrast at the interior stair flight. The upper approach and lower tread shall be marked by a stripe providing clear visual contrast. The visual contrast shall be located at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from the nose of the step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
7 Riser	44.00	$ 308

Priority	4

Photos for Barrier ID: AX421013





Barrier ID: AX421014

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Auditorium A112 South Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Handrails are not provided on one side of the stairs and handrail extensions are missing on the wall side of the stairs.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

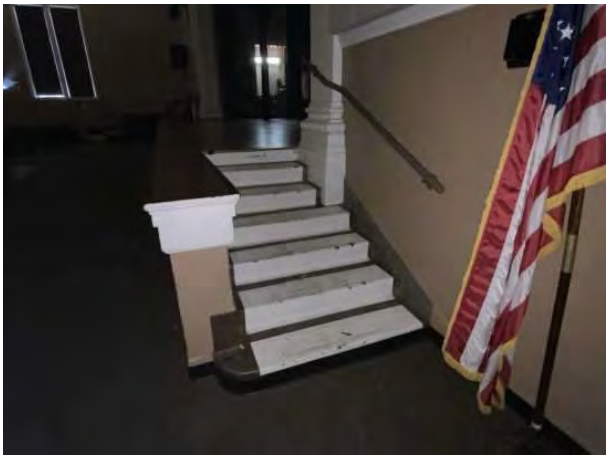
Quantity	Unit Cost	Total Cost
4 LF	203.75	$ 815

Priority	4

Photos for Barrier ID: AX421014







Barrier ID: AX421015

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Auditorium A112 South Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Handrails are not provided on one side of the stairs and handrail extensions are missing on the wall side of the stairs.

Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
8 LF	203.75	$ 1,630

Priority	4

Photos for Barrier ID: AX421015





Barrier ID: AX421025

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Auditorium Backstage
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are missing on the wall side of the stairs.

Resolution

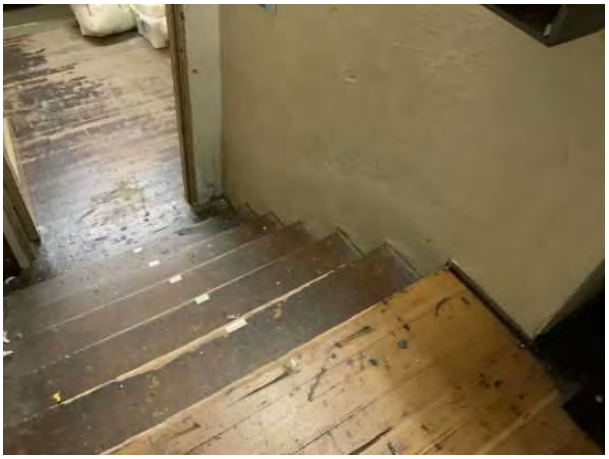
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
7 LF	203.75	$ 1,426

Priority 4

Photos for Barrier ID: AX421025





Barrier ID: AX421026

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Auditorium Backstage
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install visual contrast at the interior stair flight. The upper approach and lower tread shall be marked by a stripe providing clear visual contrast. The visual contrast shall be located at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from the nose of the step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
7 Riser	44.00	$ 308

Priority	4

Photos for Barrier ID: AX421026





Barrier ID: AX421242

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	306.3, 602.2
Barrier Detail	Knee and toe clearance is not provided at the lower level fountain.
Location Description	Baseball Field
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The drinking fountain knee clearance height is 21 1/4".

Resolution

Relocate or replace the lower level unit to provide knee and toe clearance. Lower level units shall have a clear floor or ground space minimum 30" by minimum 48" positioned for a forward approach, with the 30" dimension centered on the unit. Knee and toe clearance shall be provided. [EXCEPTION: A parallel approach shall be permitted at units for children's use where the spout is 30" maximum above the finish floor or ground and is 3-1/2" maximum from the front edge of the unit, including bumpers.] For a parallel approach, the 48" dimension shall be centered on the unit. Knee Clearance: Space under an element between 9" and 27" above the finish floor or ground shall be considered knee clearance. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11" deep minimum at 9" above the finish floor or ground, and 8" deep minimum at 27" above the finish floor or ground. Between 9" and 27" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. Knee clearance shall be 30" wide minimum. Toe Clearance: Space under an element between the finish floor or ground and 9" above the finish floor or ground shall be considered toe clearance. Toe clearance shall extend 25" maximum under an element. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17" minimum under the element. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Toe clearance shall be 30" wide minimum. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided for a forward approach to the wheelchair height drinking fountain. For a forward approach, alcoves shall be 36" wide minimum where the depth of the alcove exceeds 24".

Quantity	Unit Cost	Total Cost
1 EA	3,131.25	$ 3,131

Priority	4

Map for Barrier ID: AX421242



182 34.163232368676844,-118.11020186011886

Photos for Barrier ID: AX421242





Barrier ID: AX421992

Marshall Fundamental School BUILDING B

Assembly	Accessible Route
Type	Controls And Dispensers
ADA Standard	CBC Chap 11B-308.1
Barrier Detail	CALIFORNIA: The location of electrical controls are not compliant.
Location Description	Boys Restroom - B Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The light switch is 56" above the floor.

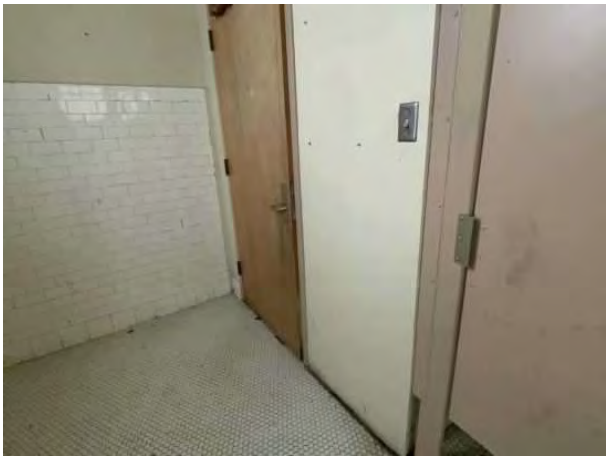
Resolution

Relocate the electrical control to a compliant location. Electrical switches: Controls and switches intended to be used by the occupant of a room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment, shall comply with reach range requirements except the low reach shall be measured to the bottom of the outlet box and the high reach shall be measured to the top of the outlet box. Electrical receptacle outlets: Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall comply with reach range requirements except the low reach shall be measured to the bottom of the outlet box and the high reach shall be measured to the top of the outlet box. Unobstructed Forward Reach; Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. Obstructed High Forward Reach: Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches maximum where the reach depth is 20 inches maximum. Where the reach depth exceeds 20 inches, the high forward reach shall be 44 inches maximum and the reach depth shall be 25 inches maximum. Unobstructed Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10 inches maximum. 2. Operable parts of fuel dispensers shall be permitted to be 54 inches maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.] Obstructed High Side Reach: Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches maximum and the depth of the obstruction shall be 24 inches maximum. The high side reach shall be 48 inches maximum for a reach depth of 10 inches maximum. Where the reach depth exceeds 10 inches, the high side reach shall be 46 inches maximum for a reach depth of 24 inches maximum. [EXCEPTIONS: 1. The top of washing machines and clothes dryers shall be permitted to be 36 inches maximum above the finish floor. 2. Operable parts of fuel dispensers shall be permitted to be 54 inches maximum measured from the surface of the vehicular way where fuel dispensers are installed on existing curbs.]

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	4

Photos for Barrier ID: AX421992





Barrier ID: AX422005

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Building B Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

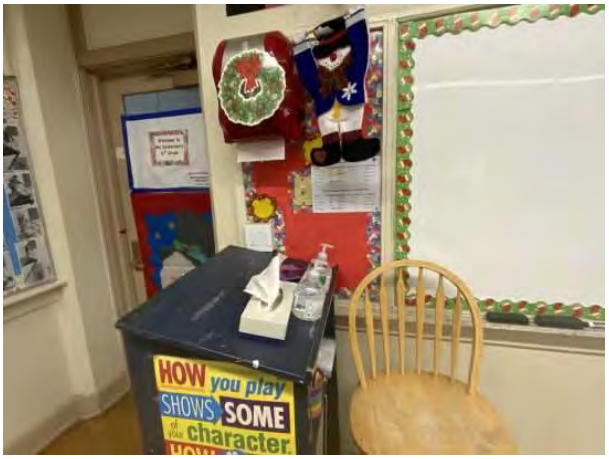
Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
20 EA	281.25	$ 5,625

Priority	4

Photos for Barrier ID: AX422005







Barrier ID: AX421273

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Building C Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
2 EA	281.25	$ 563

Priority	4

Photos for Barrier ID: AX421273







Barrier ID: AX422016

Marshall Fundamental School BUILDING M

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Building M Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
3 EA	281.25	$ 844

Priority	4

Photos for Barrier ID: AX422016









Barrier ID: AX421079

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	308
Barrier Detail	The height of controls throughout the common area are not compliant.
Location Description	Classroom B10
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The soap dispenser is 60" above the floor.

Resolution

Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.

Quantity	Unit Cost	Total Cost
1 EA	625.00	$ 625

Priority	4

Photos for Barrier ID: AX421079





Barrier ID: AX421248

Marshall Fundamental School BUILDING C

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Classroom C151
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

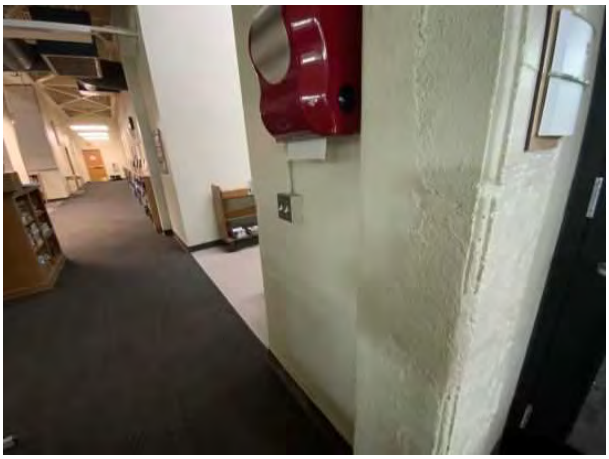
Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	281.25	$ 281

Priority	4

Photos for Barrier ID: AX421248





Barrier ID: AX421950

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	308
Barrier Detail	The height of controls throughout the common area are not compliant.
Location Description	Dressing Room A15
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are 51" above the floor.
Height	51"

Resolution

Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.

Quantity	Unit Cost	Total Cost
2 EA	625.00	$ 1,250

Priority	4

Photos for Barrier ID: AX421950





Barrier ID: AX421951

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Dressing Room A15
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

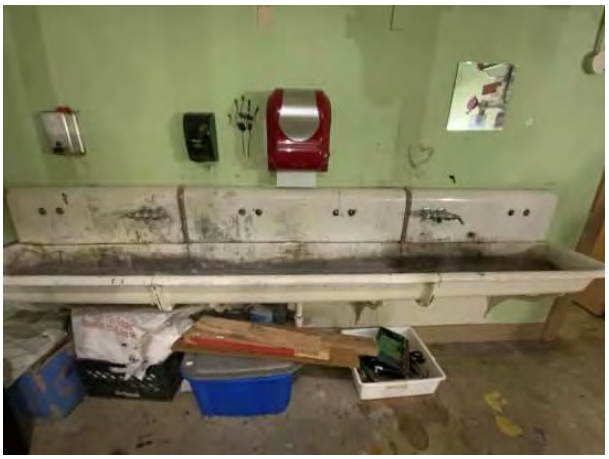
Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	281.25	$ 281

Priority	4

Photos for Barrier ID: AX421951





Barrier ID: AX421952

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Dressing Room A15
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are missing on one side of the stairs.

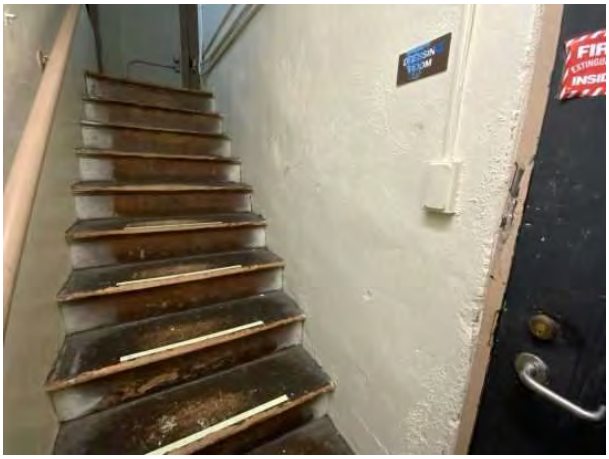
Resolution

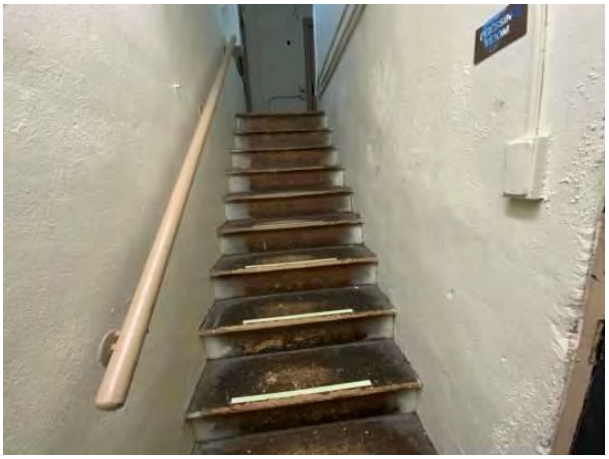
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
16 LF	203.75	$ 3,260

Priority 4

Photos for Barrier ID: AX421952





Barrier ID: AX421017

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Dressing Room A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
2 EA	281.25	$ 563

Priority	4

Photos for Barrier ID: AX421017





Barrier ID: AX421018

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	308
Barrier Detail	The height of controls throughout the common area are not compliant.
Location Description	Dressing Room A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The dispensers are located 48 1/4" and 50" above the floor.

Resolution

Remove and lower the element to a compliant reach range. Where a forward reach is unobstructed, the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the finish floor or ground. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the finish floor or ground. [EXCEPTIONS: 1. An obstruction shall be permitted between the clear floor or ground space and the element where the depth of the obstruction is 10" maximum.] Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall be 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.

Quantity	Unit Cost	Total Cost
2 EA	625.00	$ 1,250

Priority	4

Photos for Barrier ID: AX421018







Barrier ID: AX421022

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Dressing Room A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are missing on one side of the stairs.

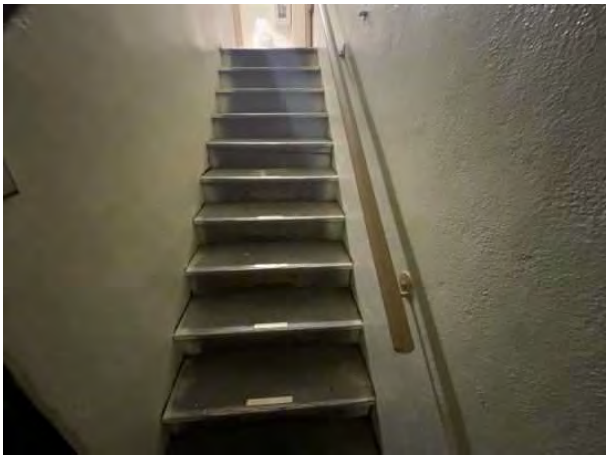
Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
11 LF	203.75	$ 2,241

Priority 4

Photos for Barrier ID: AX421022





Barrier ID: AX421023

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Dressing Room A16
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Top and bottom handrail extensions are not provided.

Resolution

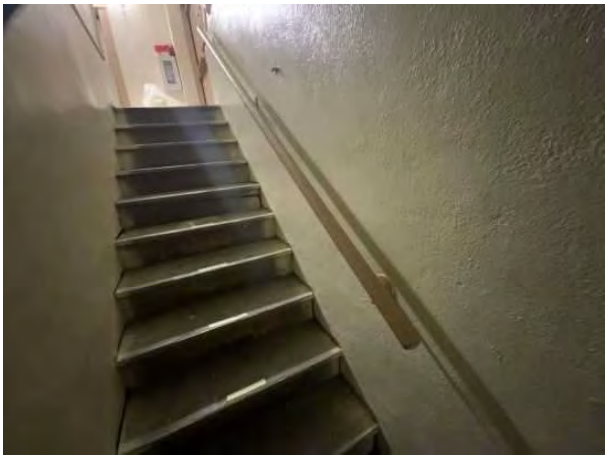
Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
3 LF	203.75	$ 611

Priority	4

Photos for Barrier ID: AX421023







Barrier ID: AX421039

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	211.1; 211.2; 602; 309

Barrier Detail

The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.

Location Description	Drinking Fountain DF-1
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Knee clearance shall be minimum 30" wide, and extend to 27" height minimum above finished floor. Knee clearance shall be 11" deep minimum at 9" height, and 8" deep minimum at 27" height. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	4,698.00	$ 4,698

Priority	4

Photos for Barrier ID: AX421039





Barrier ID: AX421041

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	211.1; 211.2; 602; 309

Barrier Detail

The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.

Location Description	Drinking Fountain DF-2
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Knee clearance shall be minimum 30" wide, and extend to 27" height minimum above finished floor. Knee clearance shall be 11" deep minimum at 9" height, and 8" deep minimum at 27" height. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	4,698.00	$ 4,698

Priority	4

Photos for Barrier ID: AX421041





Barrier ID: AX421048

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	211.1; 211.2; 602; 309

Barrier Detail

The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.

Location Description	Drinking Fountain DF-3
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Knee clearance shall be minimum 30" wide, and extend to 27" height minimum above finished floor. Knee clearance shall be 11" deep minimum at 9" height, and 8" deep minimum at 27" height. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	4,698.00	$ 4,698

Priority	4

Photos for Barrier ID: AX421048





Barrier ID: AX421215

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Drinking Fountain/Water Cooler
ADA Standard	211.1; 211.2; 602; 309

Barrier Detail

The minimum number of drinking fountains is not provided. If the minimum number is provided, two levels or a hi-lo are not provided. If more than 2 are provided, less than 50% are high or less than 50% are low.

Location Description	Drinking Fountain DF-4
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A standing persons drinking fountain is not provided.

Resolution

Install accessible drinking fountain(s). No fewer than two drinking fountains shall be provided; at two levels or one hi-lo unit. If more than two fountains are provided, 50% should be high (standing height) and 50% low (wheelchair) units. Low (wheelchair) units shall have a clear floor or ground space positioned for a forward approach and centered on the unit. Knee and toe clearance shall be provided. Knee clearance shall be minimum 30" wide, and extend to 27" height minimum above finished floor. Knee clearance shall be 11" deep minimum at 9" height, and 8" deep minimum at 27" height. Toe clearance requirement is 25" deep at 9" above grade. [EXCEPTION: A parallel approach shall be permitted at units for children's use (12 and under) where the spout is 30" maximum above the finish floor or ground and is 3- 1/2" maximum from the front edge of the unit, including bumpers.] Spout outlets of drinking fountains for wheelchairs shall be 36" maximum above the finish floor or ground. The spout shall be located 15" minimum from the vertical support and 5" maximum from the front edge of the unit, including bumpers. The spout shall provide a flow of water 4" high minimum and shall be located 5" maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3" from the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3" and 5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. Operable parts shall be placed within one or more of the allowable reach ranges. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	4,698.00	$ 4,698

Priority	4

Photos for Barrier ID: AX421215





Barrier ID: AX421296

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Turning Space
ADA Standard	304
Barrier Detail	A compliant turning space is not provided.
Location Description	Girl's Locker Room - Office
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A 60" turning space in not provided due to room furniture and storage.

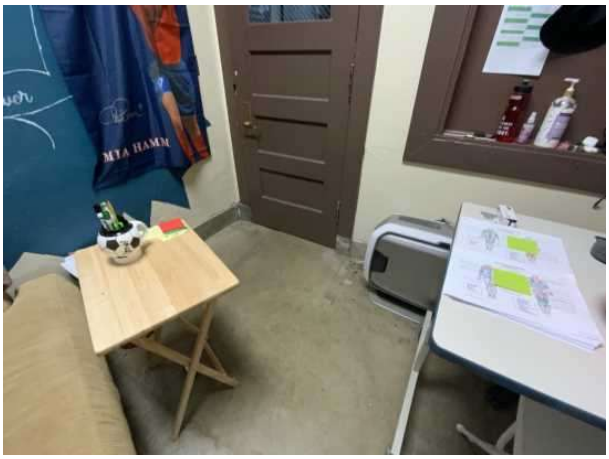
Resolution

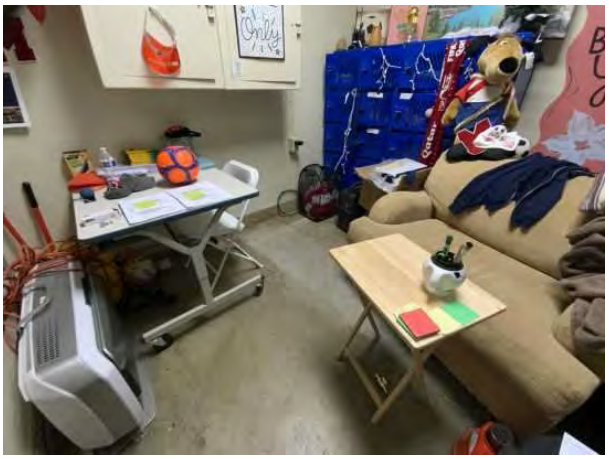
Provide a level turning space 60" minimum by 60" minimum or a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. A circular turning space shall have a 60" minimum diameter. A T-shaped turning space shall be within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. The floor surface of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
25 SF	125.00	$ 3,125

Priority	4

Photos for Barrier ID: AX421296





Barrier ID: AX420987

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Main Office A115
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	281.25	$ 281

Priority	4

Photos for Barrier ID: AX420987





Barrier ID: AX427759

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Small Gym - East Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landing and treads does not have visual contrast.

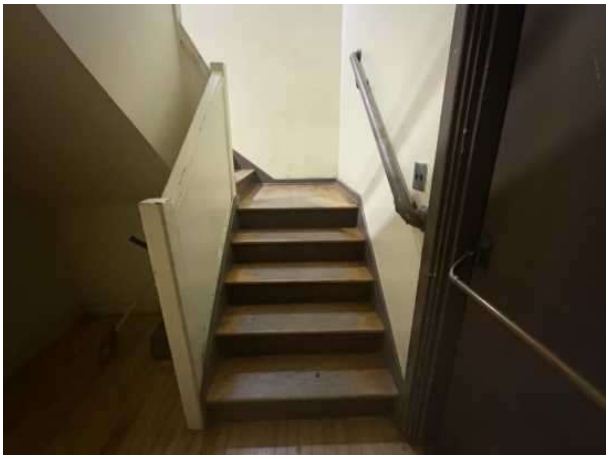
Resolution

Install visual contrast at the interior stair flight. The upper approach and lower tread shall be marked by a stripe providing clear visual contrast. The visual contrast shall be located at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from the nose of the step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

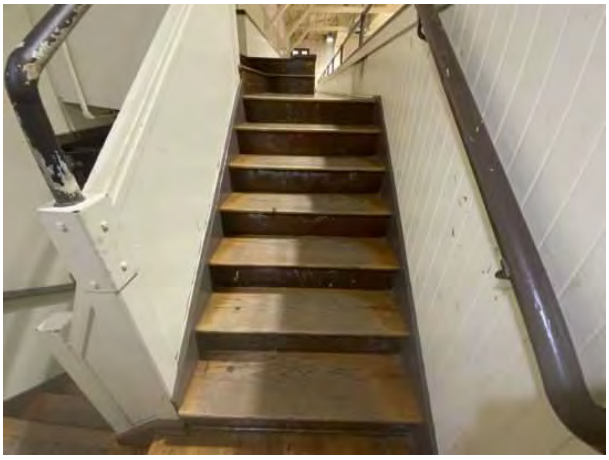
Quantity	Unit Cost	Total Cost
14 Riser	44.00	$ 616

Priority	4

Photos for Barrier ID: AX427759







Barrier ID: AX427760

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Small Gym - East Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are not provided at the inside of the staircase.

Resolution

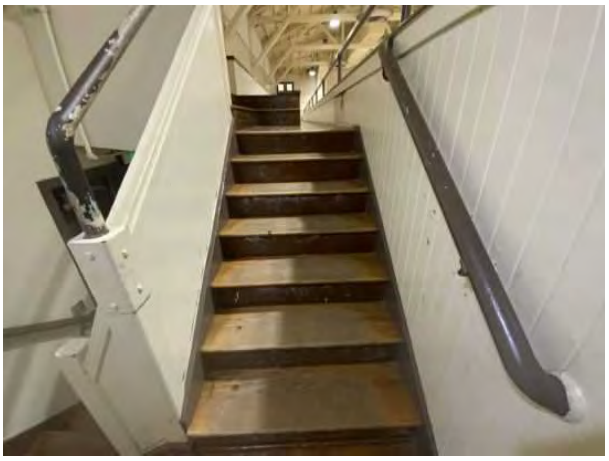
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

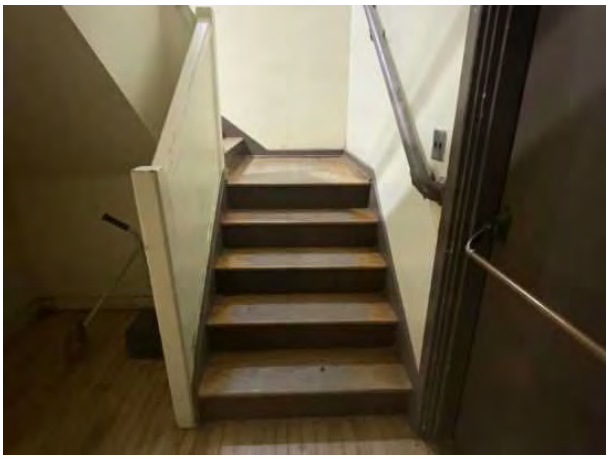
Quantity	Unit Cost	Total Cost
16 LF	203.75	$ 3,260

Priority 4

Photos for Barrier ID: AX427760







Barrier ID: AX427761

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Small Gym - North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
2 Riser	44.00	$ 88

Priority	4

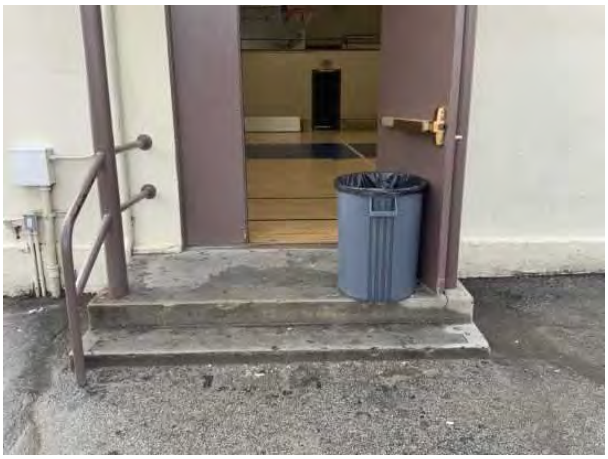
Map for Barrier ID: AX427761



386 +34.162983, -118.111166

Photos for Barrier ID: AX427761





Barrier ID: AX427762

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Small Gym - North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are missing on one side of the stairs.

Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
2 LF	203.75	$ 408

Priority 4

Map for Barrier ID: AX427762



387 +34.163165, -118.111135

Photos for Barrier ID: AX427762





Barrier ID: AX427763

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Small Gym - North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The risers are 3" to 6" high. The treads are 7' wide.

Resolution

Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.. [Exterior stairs are required to be compliant where the stairs are part of a path of travel leading to designated exterior areas of refuge from the designated accessible emergency exit from the building. Existing buildings are generally required to have one accessible interior path of travel from every accessible space within the building for emergency purposes. Refer to the emergency/fire plan approved by the appropriate local authority.]

Quantity	Unit Cost	Total Cost
21 SF	95.63	$ 2,008

Priority	4

Map for Barrier ID: AX427763



388 +34.163190, -118.110936

Photos for Barrier ID: AX427763







Barrier ID: AX427765

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Small Gym - North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
8 Riser	44.00	$ 352

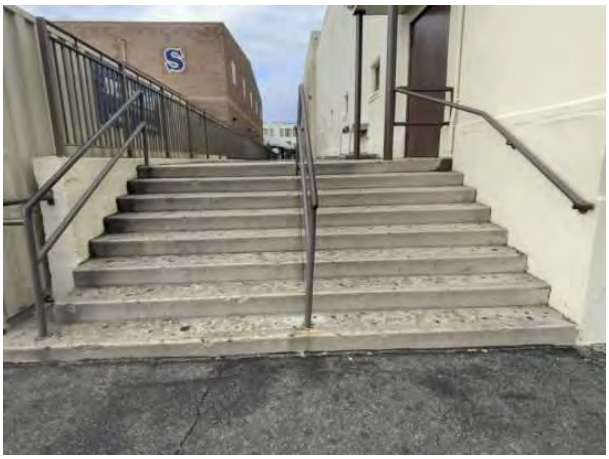
Priority	4

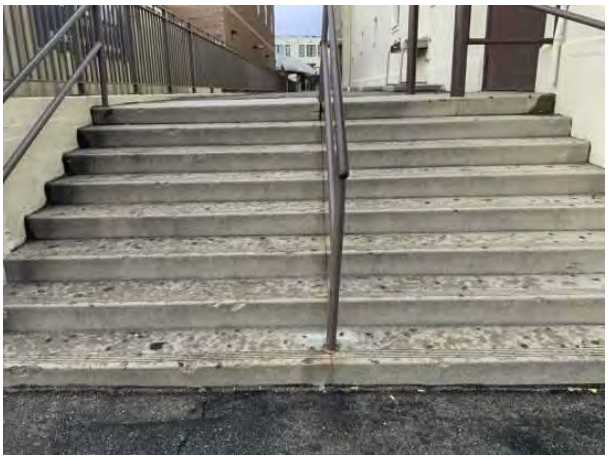
Map for Barrier ID: AX427765



390 +34.162837, -118.110942

Photos for Barrier ID: AX427765





Barrier ID: AX427766

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Small Gym - North Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The risers are 4 1/2" to 6" high. The treads are 10' wide.

Resolution

Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.. [Exterior stairs are required to be compliant where the stairs are part of a path of travel leading to designated exterior areas of refuge from the designated accessible emergency exit from the building. Existing buildings are generally required to have one accessible interior path of travel from every accessible space within the building for emergency purposes. Refer to the emergency/fire plan approved by the appropriate local authority.]

Quantity	Unit Cost	Total Cost
70 SF	95.63	$ 6,694

Priority	4

Map for Barrier ID: AX427766



391 +34.162911, -118.111261

Photos for Barrier ID: AX427766







Barrier ID: AX427764

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Small Gym - South Stairs
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The stairs are missing top and bottom handrail extensions.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

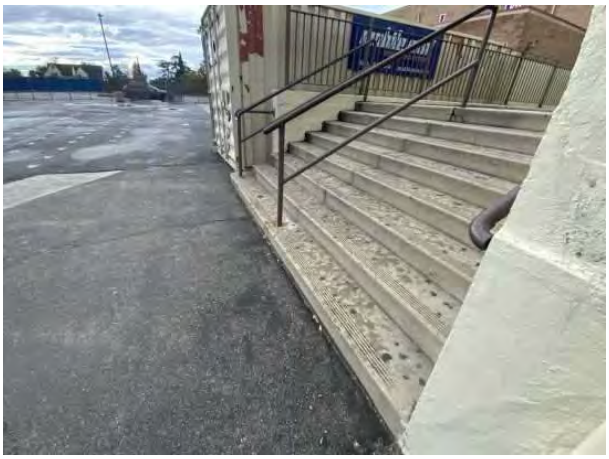
Priority	4

Map for Barrier ID: AX427764



389 +34.162958, -118.111123

Photos for Barrier ID: AX427764







Barrier ID: AX422008

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair 1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Top and bottom handrail extensions are not provided.

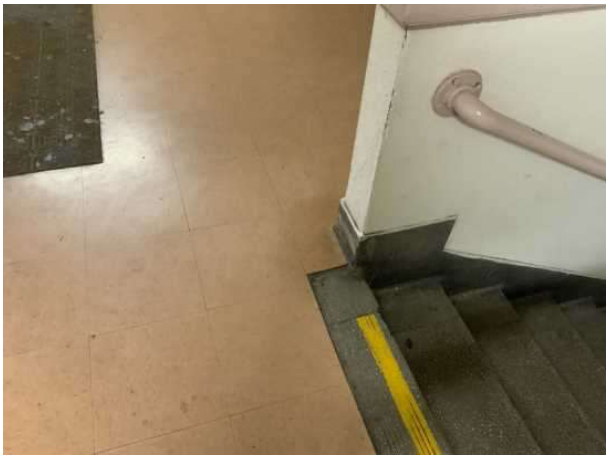
Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

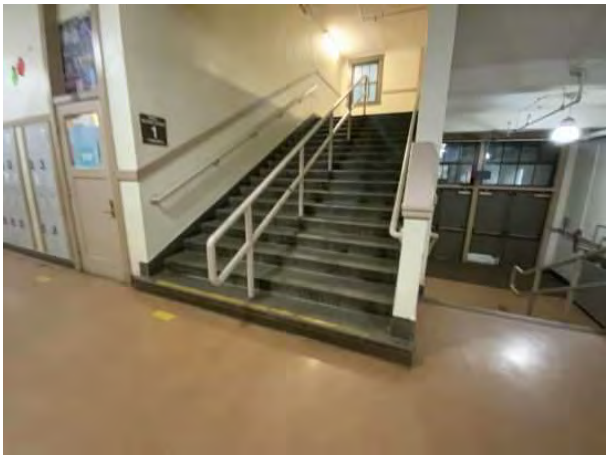
Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

Priority	4

Photos for Barrier ID: AX422008









Barrier ID: AX421064

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair 2
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Top and bottom handrail extensions are not provided.

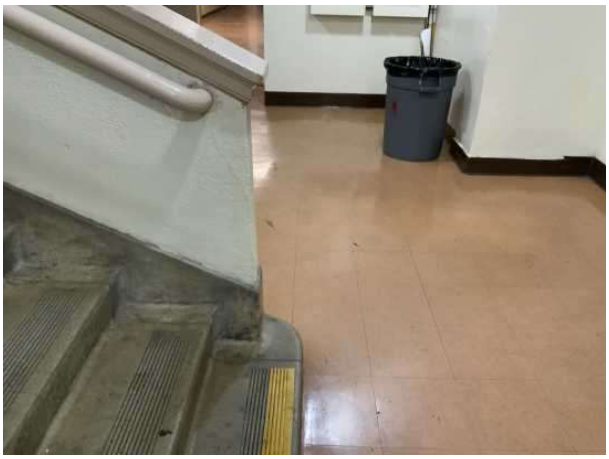
Resolution

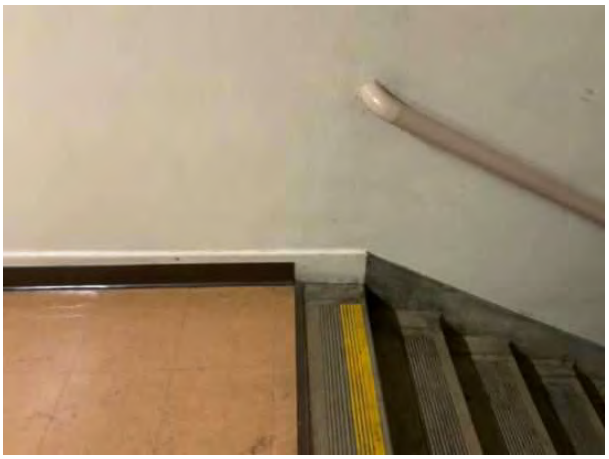
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

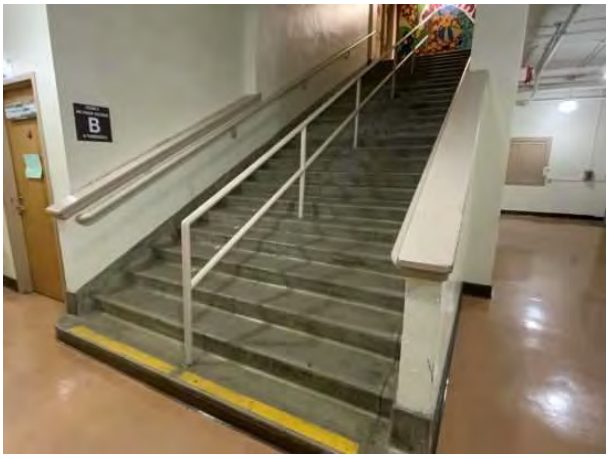
Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

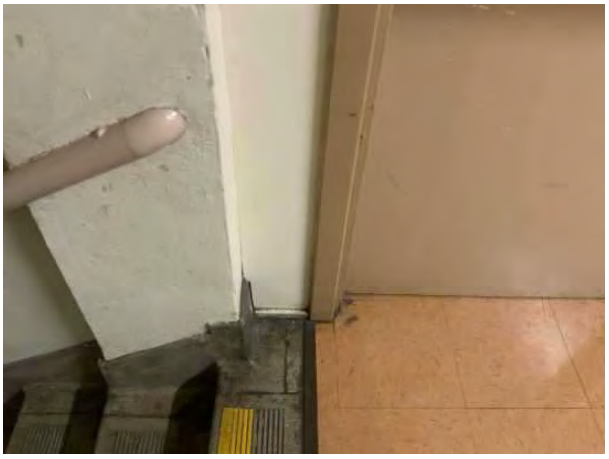
Priority 4

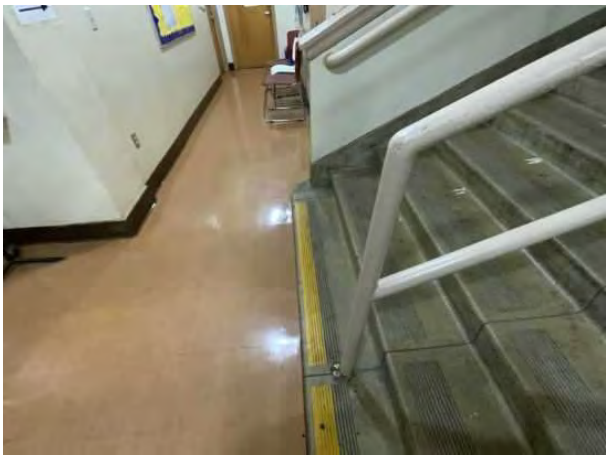
Photos for Barrier ID: AX421064











Barrier ID: AX422009

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair 3 Building B
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Inside handrails are not provided at the stairs.

Resolution

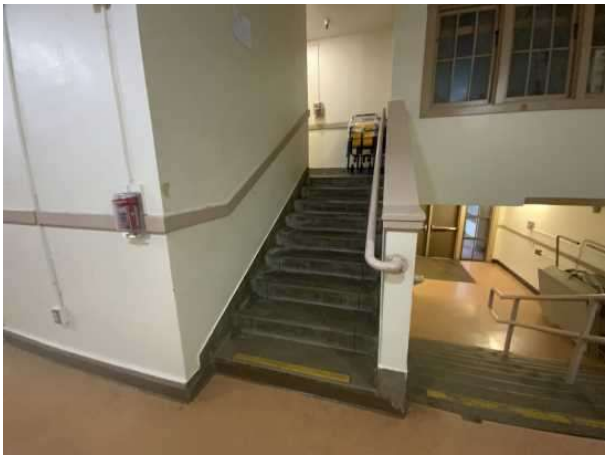
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
10 LF	203.75	$ 2,038

Priority 4

Photos for Barrier ID: AX422009





Barrier ID: AX421040

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair 5
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrail extensions are not provided.

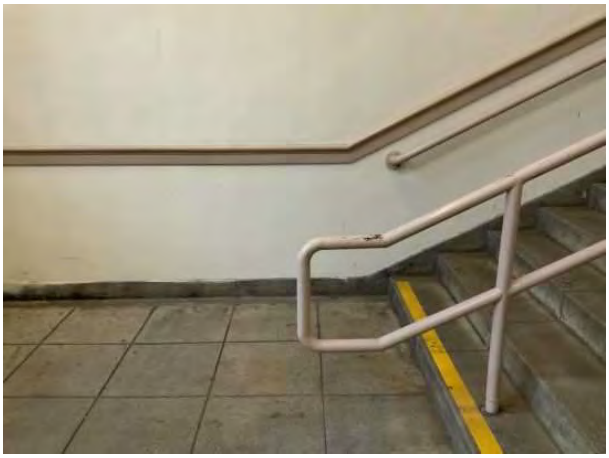
Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

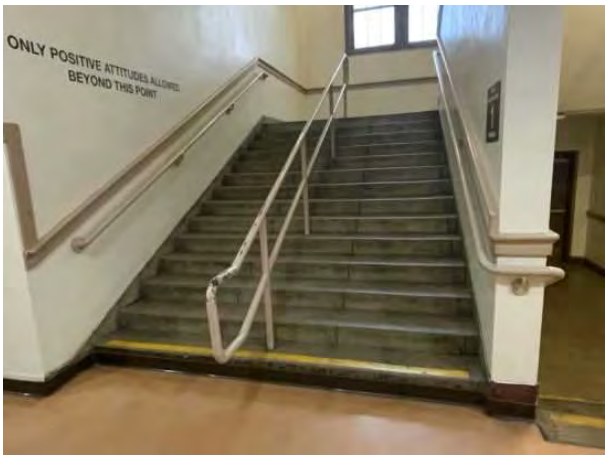
Priority	4

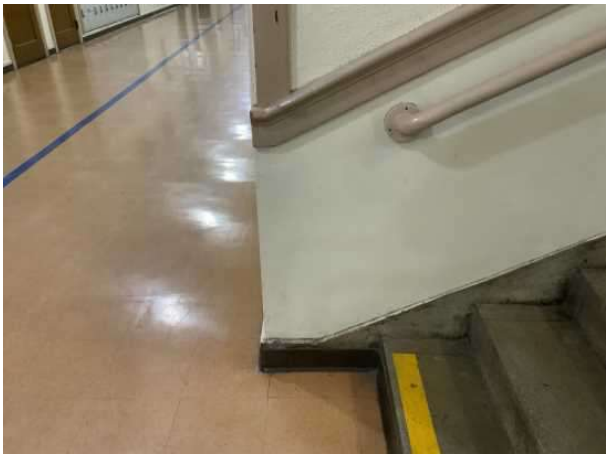
Photos for Barrier ID: AX421040











Barrier ID: AX421036

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair 6
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrail extensions are missing on one side of the stairs.

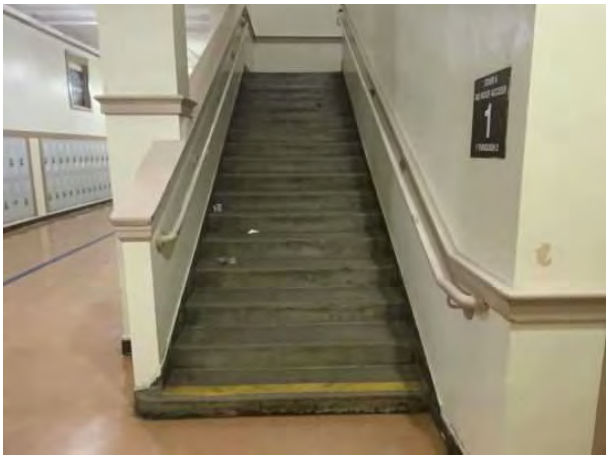
Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
2 LF	203.75	$ 408

Priority	4

Photos for Barrier ID: AX421036







Barrier ID: AX421037

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair 6
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Inside handrails are not provided.

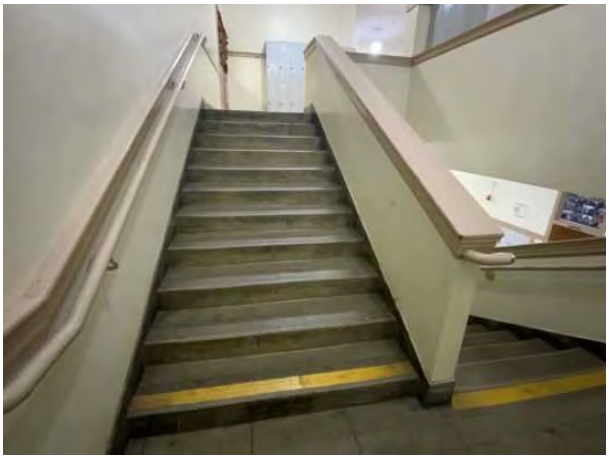
Resolution

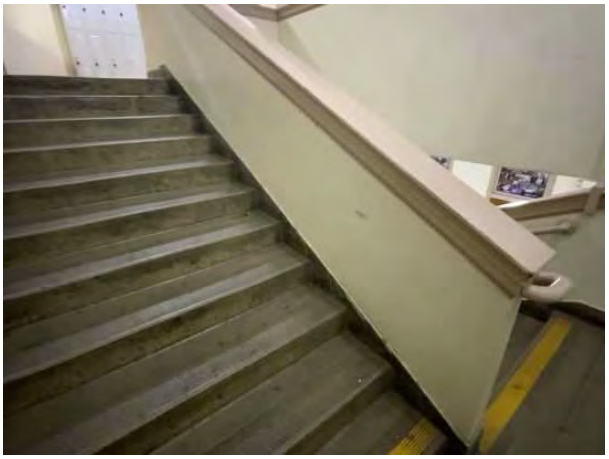
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
13 LF	203.75	$ 2,649

Priority 4

Photos for Barrier ID: AX421037





Barrier ID: AX421038

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Stair 6
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The riser height is 4 3/4" to 6 1/2". There are 17 treads at 5' wide.

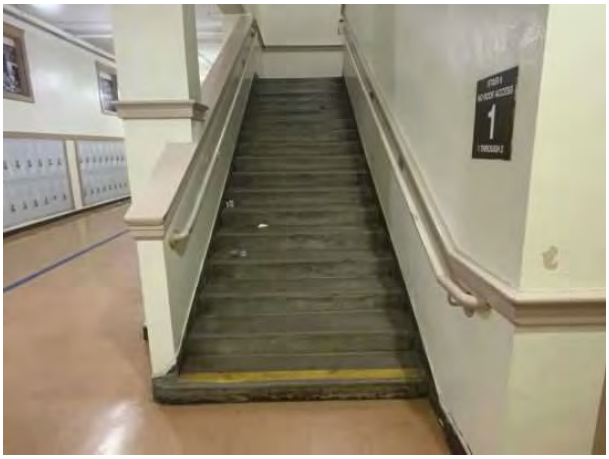
Resolution

All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.

Quantity	Unit Cost	Total Cost
85 SF	95.63	$ 8,128

Priority	4

Photos for Barrier ID: AX421038







Barrier ID: AX420949

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Stair ST-1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The tread depth ranges from 13 1/2" to 14". The stairs are 14' wide by 5' long.

Resolution

Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.. [Exterior stairs are required to be compliant where the stairs are part of a path of travel leading to designated exterior areas of refuge from the designated accessible emergency exit from the building. Existing buildings are generally required to have one accessible interior path of travel from every accessible space within the building for emergency purposes. Refer to the emergency/fire plan approved by the appropriate local authority.]

Quantity	Unit Cost	Total Cost
70 SF	95.63	$ 6,694

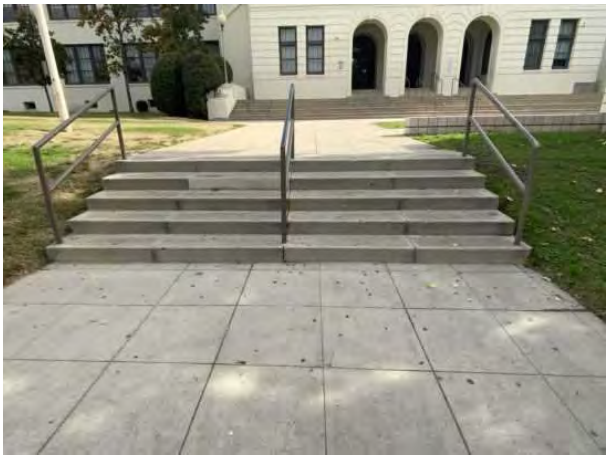
Priority	4

Map for Barrier ID: AX420949



1 34.163222828705436,-118.1128997521496

Photos for Barrier ID: AX420949







Barrier ID: AX420950

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stair ST-1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landing and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
5 Riser	44.00	$ 220

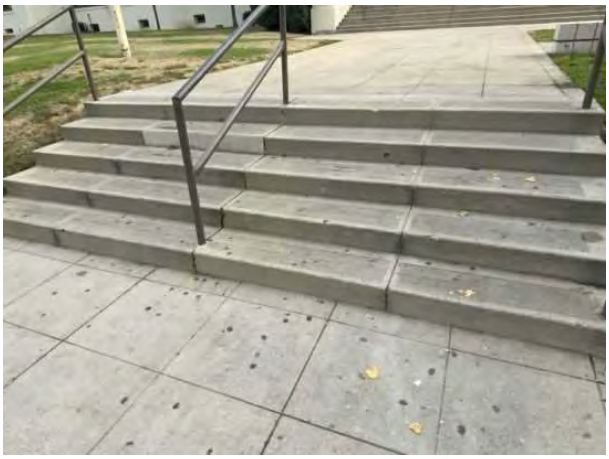
Priority	4

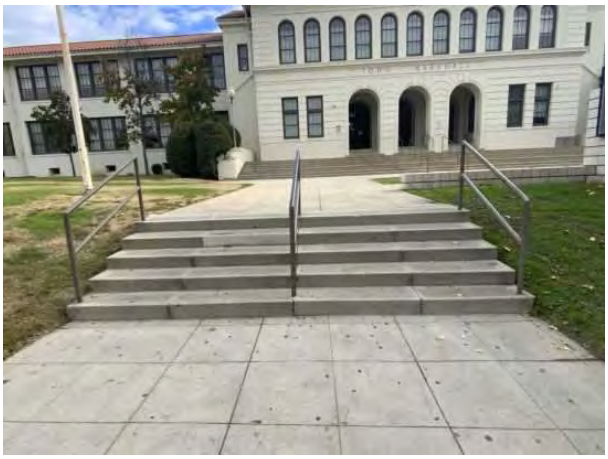
Map for Barrier ID: AX420950



2 34.163232474712665,-118.11289043435859

Photos for Barrier ID: AX420950





Barrier ID: AX420951

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair ST-1
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	There are no top and bottom handrail extensions.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

Priority	4

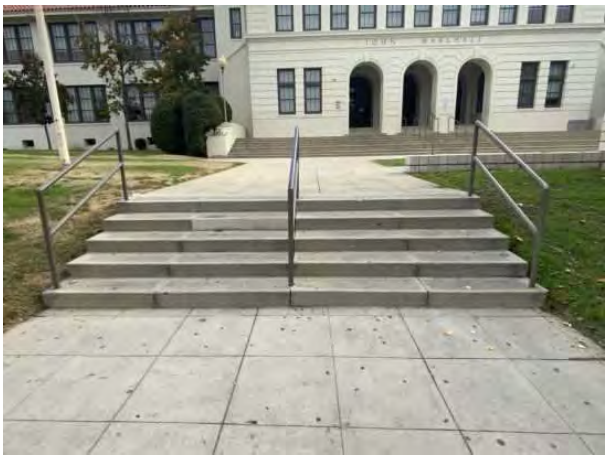
Map for Barrier ID: AX420951



3 34.16322119738377,-118.11288789203071

Photos for Barrier ID: AX420951







Barrier ID: AX421333

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: Treads, including top and bottom treads, of the interior stair flight do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stair ST-1 (Building D)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landing and treads does not have visual contrast.

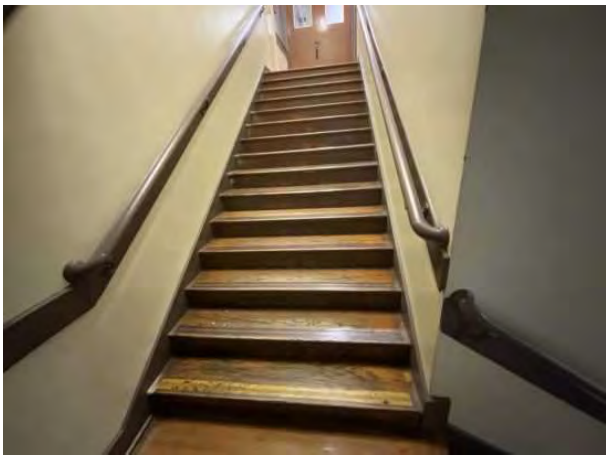
Resolution

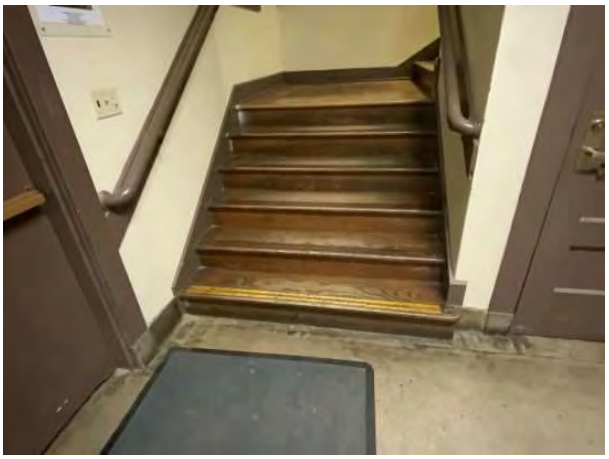
Install visual contrast at the interior stair flight. The upper approach and lower tread shall be marked by a stripe providing clear visual contrast. The visual contrast shall be located at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from the nose of the step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
15 Riser	44.00	$ 660

Priority	4

Photos for Barrier ID: AX421333





Barrier ID: AX421334

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair ST-1 (Building D)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The stairs do not provide top and bottom handrail extensions.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
10 LF	203.75	$ 2,038

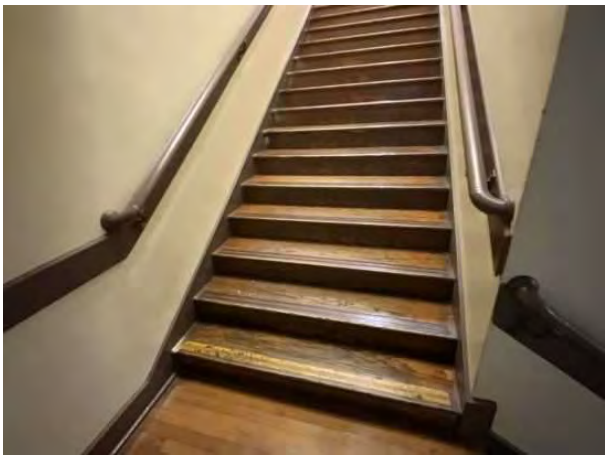
Priority	4

Photos for Barrier ID: AX421334

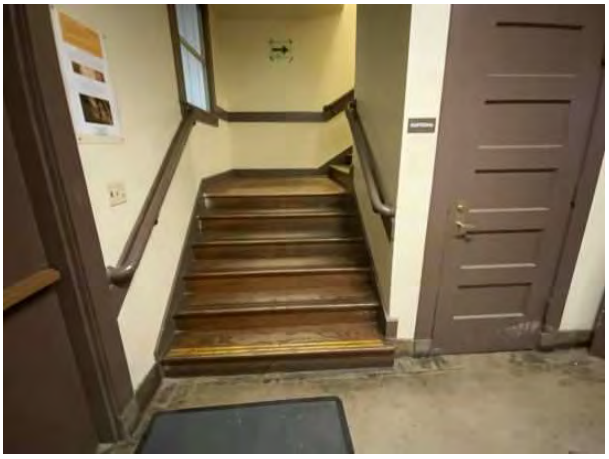












Barrier ID: AX420952

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Stair ST-2
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The tread depth is 13 1/2" to 14". There are 9 treads at 60" wide.

Resolution

Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.. [Exterior stairs are required to be compliant where the stairs are part of a path of travel leading to designated exterior areas of refuge from the designated accessible emergency exit from the building. Existing buildings are generally required to have one accessible interior path of travel from every accessible space within the building for emergency purposes. Refer to the emergency/fire plan approved by the appropriate local authority.]

Quantity	Unit Cost	Total Cost
70 SF	95.63	$ 6,694

Priority	4

Map for Barrier ID: AX420952



4 34.16309715332998,-118.11291200859833

Photos for Barrier ID: AX420952







Barrier ID: AX420953

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stair ST-2
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
5 Riser	44.00	$ 220

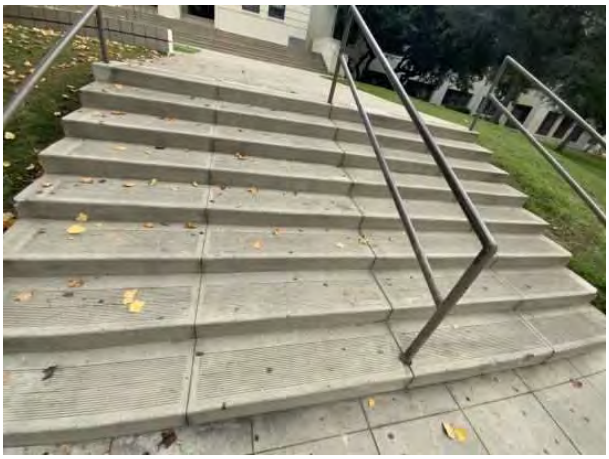
Priority	4

Map for Barrier ID: AX420953



5 34.163106442000746,-118.112902708004

Photos for Barrier ID: AX420953





Barrier ID: AX420954

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair ST-2
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	There are no top and bottom handrail extensions.

Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

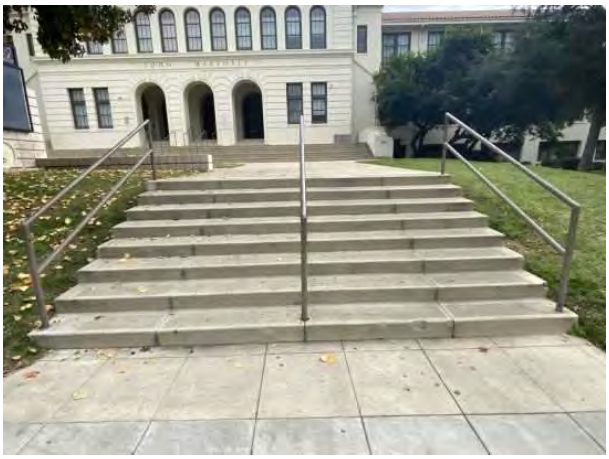
Priority	4

Map for Barrier ID: AX420954



6 34.16309887935815,-118.11290959755326

Photos for Barrier ID: AX420954







Barrier ID: AX421336

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door

ADA Standard

CBC Chap 11B- 309, 404.2.7, State Fire Marshall Referenced Standard Section 12-10-202(f)

Barrier Detail	CALIFORNIA: The hardware at the accessible door is not compliant.
Location Description	Stair ST-2 (Building D)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The door hardware is a doorknob that requires tight grasping and twisting of the wrist.

Resolution

Remove hardware and replace with hardware that has a shape that is easy to grasp such as lever, push-type or U-shaped handles. Handles, pulls, latches, locks, and other operable parts on doors and gates shall be compliant. Operable parts of such hardware shall be 34" minimum and 44" maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides. [EXCEPTIONS: 1. Existing locks shall be permitted in any location at existing glazed doors without stiles, existing overhead rolling doors or grilles, and similar existing doors or grilles that are designed with locks that are activated only at the top or bottom rail. 2. Access gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54" maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices and operated by means of a key, electronic opener, or integral combination lock.] [Advisory 404.2.7 Door and gate hardware. Door hardware that can be operated with a closed fist or a loose grip accommodates the greatest range of users. Hardware that requires simultaneous hand and finger movements require greater dexterity and coordination, and is not recommended.] Lever hardware of lever actuated latches or locks shall be curved with a return to within 1/2 inch of the door. [Advisory 11B-404.2.7 Door and gate hardware. In addition to the requirements of this section, designers should be aware of the Part 12, Section 12-10-202(f) requirement for lever hardware as adopted by the State Fire Marshal. The lever of lever actuated latches or locks must be curved with a return to within ½ inch of the door to prevent catching on the clothing of persons during egress.]

Quantity	Unit Cost	Total Cost
2 EA	366.25	$ 733

Priority	4

Photos for Barrier ID: AX421336





Barrier ID: AX421337

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.11
Barrier Detail	The bottom of the door vision light is higher than 43" and less than 66".
Location Description	Stair ST-2 (Building D)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The bottom of the vision light is 54 5/8" above the floor.

Resolution

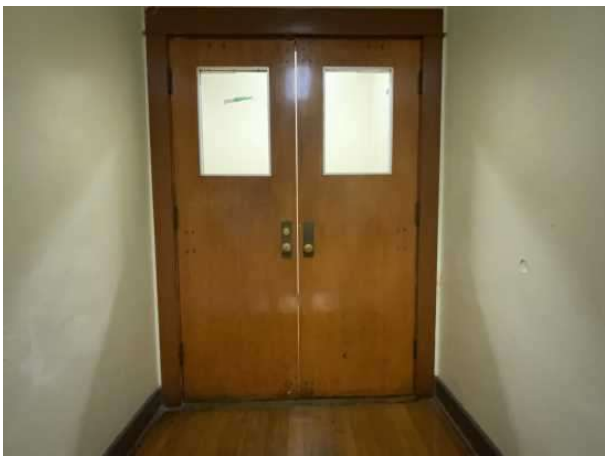
Provide a door with the bottom of at least one of the glazing panels located 43" maximum above the finish floor or grade. At least one of the glazing panels shall be located for viewing through the panels, if the panel is designed for viewing. [EXCEPTION: Vision lights with the lowest part more than 66" from the finish floor or ground are not required to comply.]

Quantity	Unit Cost	Total Cost
1 EA	3,250.00	$ 3,250

Priority	4

Photos for Barrier ID: AX421337





Barrier ID: AX421335

Marshall Fundamental School BUILDING D

Assembly	Interior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair ST-2 (Building D)
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

Handrails are not provided at the bottom of the stairs and handrail extensions are missing.

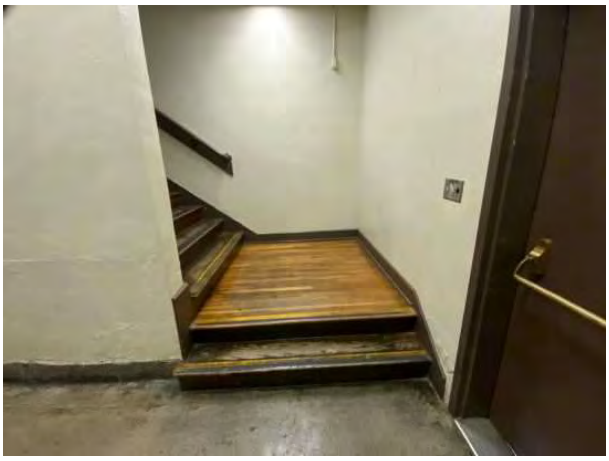
Resolution

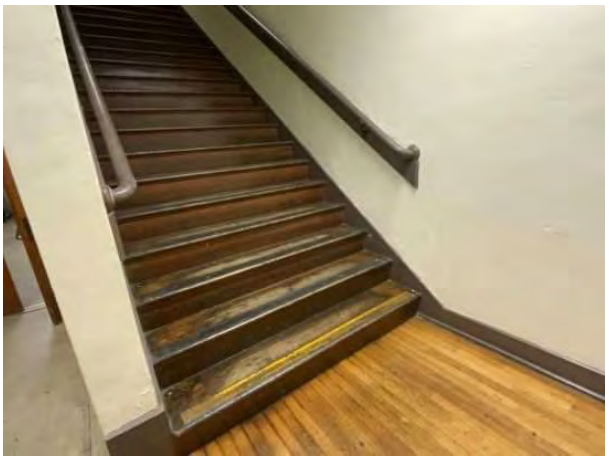
Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

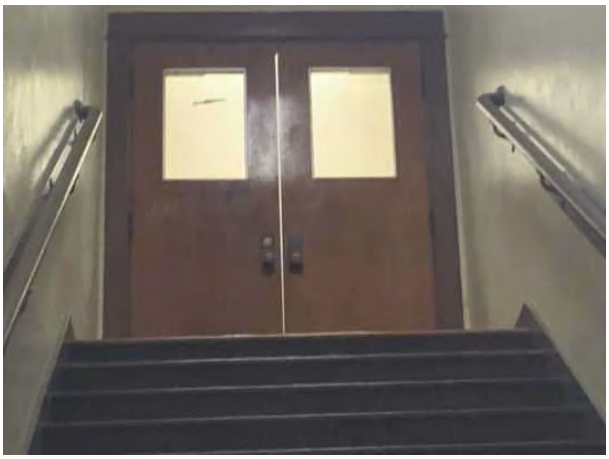
Quantity	Unit Cost		Total Cost
14 LF	203.75	651	$ 2,853

Priority 4

Photos for Barrier ID: AX421335







Barrier ID: AX422012

Marshall Fundamental School BUILDING B

Assembly	Interior Access Route
Type	Stairs
ADA Standard	California Builiding Code Chap 11B-505.4, 505.10
Barrier Detail	CALIFORNIA: The stair handrail extensions are not compliant.
Location Description	Stair ST-2 Building B
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Top and bottom handrail extensions are not provided.

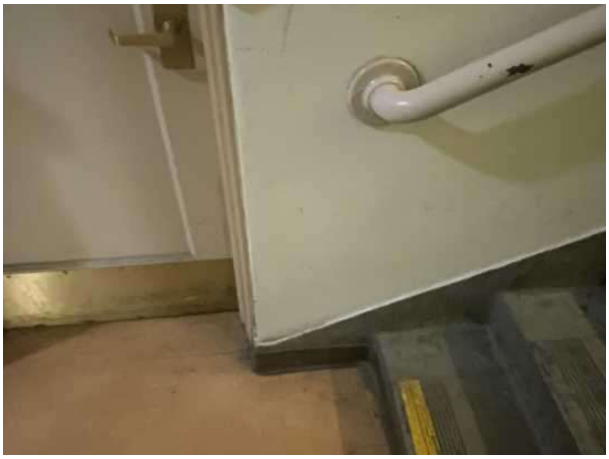
Resolution

Install compliant handrail extensions at the top and bottom of the stair flight. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. The handrails at the bottom of the stairs shall extend at the s lope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTION: In alterations, where the extension of the handrail in the direction of stair flight would create a hazard, the extension of the handrail may be turned 90 degrees from the direction of stair flight.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28 inches measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9 inches minimum, should be provided to help prevent entrapment.]

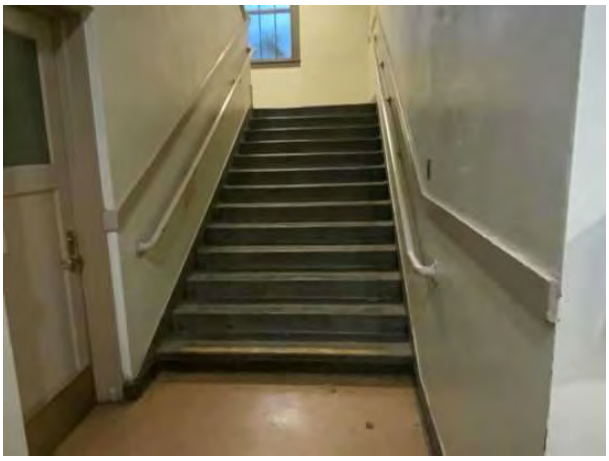
Quantity	Unit Cost	Total Cost
6 LF	203.75	$ 1,223

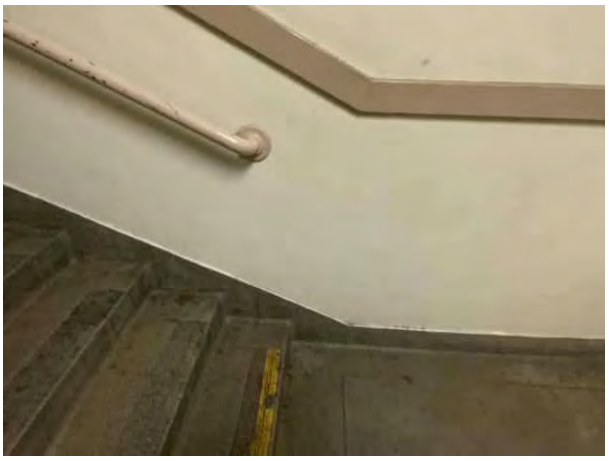
Priority	4

Photos for Barrier ID: AX422012









Barrier ID: AX420957

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stair ST-3
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
8 Riser	44.00	$ 352

Priority	4

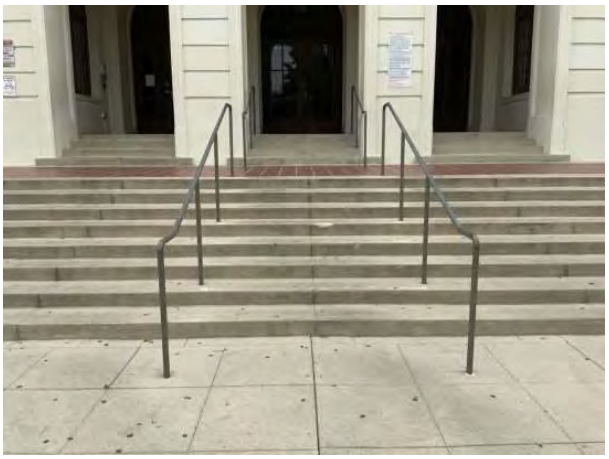
Map for Barrier ID: AX420957



9 34.16319489887396,-118.11270542881871

Photos for Barrier ID: AX420957





Barrier ID: AX420958

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	504.2
Barrier Detail	Steps do not have uniform and compliant riser heights and/or tread depths.
Location Description	Stair ST-3
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The riser height is 5" to 6". There are 10 treads at 20' wide.

Resolution

Replace the stairway. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths. Risers shall be 4" high minimum and 7" high maximum. Treads shall be 11" deep minimum.. [Exterior stairs are required to be compliant where the stairs are part of a path of travel leading to designated exterior areas of refuge from the designated accessible emergency exit from the building. Existing buildings are generally required to have one accessible interior path of travel from every accessible space within the building for emergency purposes. Refer to the emergency/fire plan approved by the appropriate local authority.]

Quantity	Unit Cost	Total Cost
200 SF	95.63	$ 19,125

Priority	4

Map for Barrier ID: AX420958



10 34.163212011411005,-118.11270832944774

Photos for Barrier ID: AX420958











Barrier ID: AX420959

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stair ST-4
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
4 Riser	44.00	$ 176

Priority	4

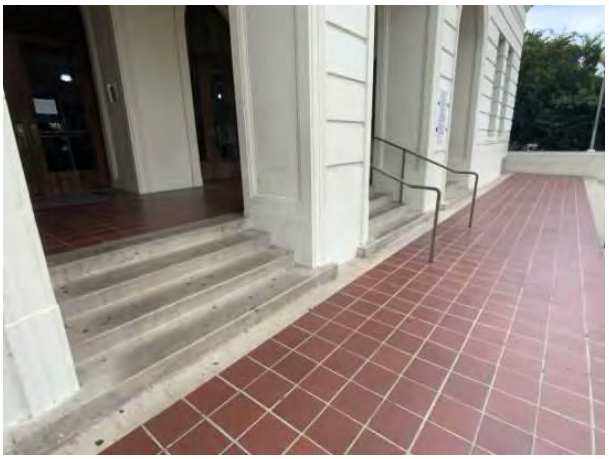
Map for Barrier ID: AX420959



11 34.16324819097514,-118.11271686069584

Photos for Barrier ID: AX420959





Barrier ID: AX420960

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair ST-4
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	Handrails are not provided at the stairs.

Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
28 LF	203.75	$ 5,705

Priority 4

Map for Barrier ID: AX420960



12 34.16324378795053,-118.11270617236995

Photos for Barrier ID: AX420960





Barrier ID: AX420994

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Access Route
Type	Guards
ADA Standard	CBC Chap 1015.3
Barrier Detail	CALIFORNIA: Guards are not compliant or are not provided where required.
Location Description	Stair ST-5
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The guard rail on the stairs is not a minimum of 42" high.

Resolution

Install compliant guardrails. Guards shall be located along open-sided walking surfaces, including mezzanines, equipment platforms, aisles, stairs, ramps and landings that are located more than 30 inches measured vertically to the floor or grade below at any point within 36 inches horizontally to the edge of the open side. Required guards shall not be less than 42 inches high, measured vertically as follows: 1. From the adjacent walking surfaces. 2. On stairways and stepped aisles, from the line connecting the leading edges of the tread nosings. and 3. On ramps and ramped aisles, from the ramp surface at the guard. Guards shall be adequate in strength and attachment as follows. Guards shall be designed to resist a linear load of 50 pounds per linear foot (plf) (0.73 kN/m) in accordance with Section 4.5.1 of ASCE 7. Glass handrail assemblies and guards shall also comply with the following: Glass used in a handrail, guardrail or a guard section shall be laminated glass constructed of fully tempered or heat-strengthened glass and shall comply with Category II or CPSC 16 CFR Part 1201 or Class A of ANSI Z97.1. Glazing in railing in-fill panels shall be of an approved safety glazing material that conforms to the provisions of Section 2406.1.1. For all glazing types, the minimum nominal thickness shall be 1/4 inch. [Exception: Single fully tempered glass complying with Category II of CPSC 16 CFR Part 1201 or Class A of ANSI Z97.1 shall be permitted to be used in handrails and guardrails where there is no walking surface beneath them or the walking surface is permanently protected from the risk of falling glass].The panels and their support system shall be designed to withstand the following loads. A design factor of four shall be used for safety. Each handrail or guard section shall be supported by a minimum of three glass balusters or shall be otherwise supported to remain in place should one baluster panel fail. Glass balusters shall not be installed without an attached handrail or guard. [Exception: A top rail shall not be required where the glass balusters are laminated glass with two or more glass plies of equal thickness and the same glass type when approved by the building official.] .Glazing materials shall not be installed in handrails or guards in parking garages except for pedestrian areas not exposed to impact from vehicles in parking garages. Glass panels shall be designed to withstand the loads specified as follows: Glazing installed in in-fill panels or balusters in wind-borne debris regions shall comply with the following: Glass installed in exterior railing in-fill panels or balusters shall be laminated glass complying with Category II of CPSC 16 CFR Part 1201 or Class A of ANSI Z97.1. When the top rail is supported by glass, the assembly shall be tested according to the impact requirements of CDC Section 1609.1.2. The top rail shall remain in place after impact. .[Exceptions: For one- and two-family dwellings, only the single concentrated load shall be applied. In Group I-3, F, H and S occupancies, for areas that are not accessible to the general public and that have an occupant load less than 50, the minimum load shall be 20 pounds per foot (0.29 kN/m).].Handrails and guards shall be designed to resist a concentrated load of 200 pounds (0.89 kN) in accordance with Section 4.5.1 of ASCE 7. Intermediate rails (all those except the handrail), balusters and panel fillers shall be designed to resist a concentrated load of 50 pounds (0.22 kN) in accordance with Section 4.5.1 of ASCE 7. Grab bars, shower seats and dressing room bench seats shall be designed to resist a single concentrated load of 250 pounds (1.11 kN) applied in any direction at any point on the grab bar or seat so as to produce the maximum load effects.

Quantity	Unit Cost	Total Cost
30 LF	203.75	$ 6,113

Priority 4

Map for Barrier ID: AX420994



46 34.16263701460229,-118.11263371163939

Photos for Barrier ID: AX420994





Barrier ID: AX420993

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	CBC Chap 11B-505
Barrier Detail	CALIFORNIA: Handrails are not compliant or are not provided.
Location Description	Stair ST-5
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The stairs are missing handrails extensions at the top, intermediate, and bottom of the stairs. The open side of the stairway is a guard rail and does not provide a continuous grip.

Resolution

Install handrails on both sides of all stairs that comply with guidelines. Handrails shall be provided on both sides of stairs. [Exception: In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.] Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs. Top of gripping surfaces of handrails shall be 34" minimum and 38" maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2" minimum. Handrails may be located in a recess if the recess is 3" maximum deep and 18" minimum clear above the top of the handrail. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length. Where provided, horizontal projections shall occur 1-1/2" minimum below the bottom of the handrail gripping surface. [EXCEPTIONS: 1. Where handrails are provided along walking surfaces with slopes not steeper than 1:20, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards. 2. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by 1/8" for each 1/2" of additional handrail perimeter dimension that exceeds 4". Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1-1/4" minimum and 2" maximum. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4" minimum and 6-1/4" maximum, and a cross-section dimension of 2-1/4" maximum. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. Handrails shall not rotate within their fittings. Handrail gripping surfaces shall extend beyond and in the same direction of stair flights. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches minimum beginning directly above the first riser nosing. The handrails at the bottom of the stairs shall extend at the slope of the stair flight for a horizontal distance equal to minimum one tread depth beyond the last riser nosing and then continue 12 inches minimum horizontally at a height equal to that of the sloping portion of the rail. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. [EXCEPTIONS: 1. Extensions shall not be required for continuous handrails at the inside turn of switchback or dogleg stairs and ramps AND 3. In alterations, full extensions of handrails shall not be required where such extensions would be hazardous due to plan configuration.] [ADVISORY: It is advisable, but not required, to provide a handrail at a height designed for children. When children are the principal users in a building or facility (e.g., elementary schools), a second set of handrails at an appropriate height can assist them and aid in preventing accidents. A maximum height of 28" measured to the top of the gripping surface from the ramp surface or stair nosing is recommended for handrails designed for children. Sufficient vertical clearance between upper and lower handrails, 9" minimum, should be provided to help prevent entrapment.]

Quantity	Unit Cost	Total Cost
30 LF	203.75	$ 6,113

Priority	4

Map for Barrier ID: AX420993



45 +34.162713, -118.112546

Photos for Barrier ID: AX420993











Barrier ID: AX427768

Marshall Fundamental School EXTERIOR ACCESSIBLE ROUTE

Assembly	Exterior Access Route
Type	Stairs
ADA Standard	California Building Code Chap 11B-504.4.1

Barrier Detail

CALIFORNIA: The top of the stair flight and all stair treads do not have a stripe which provides visual contrast of dark-on-light or light-on-dark distinguished from the remainder of the surface.

Location Description	Stairs at East Ramp B Building
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The leading edge of the landings and treads does not have visual contrast.

Resolution

Install a visual contrast at the top of the stair flight and on each stair tread at the nosing. The stripe shall be minimum 2" to maximum 4" wide, parallel to and maximum 1" from nose of step or upper approach, run full width of stairway, and as slip resistant as the stairway material. A painted stripe is compliant. Grooves without paint are not compliant.

Quantity	Unit Cost	Total Cost
5 Riser	44.00	$ 220

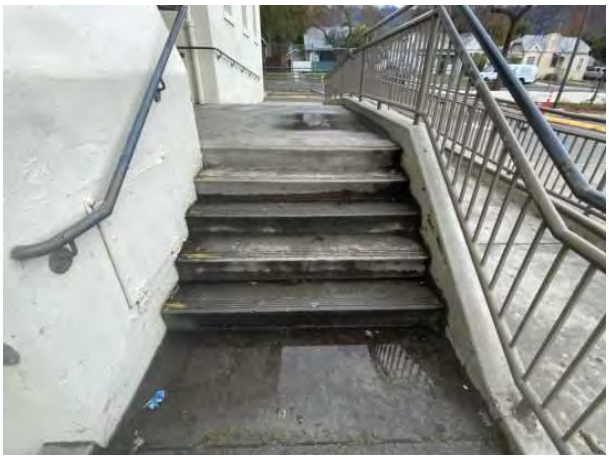
Priority	4

Map for Barrier ID: AX427768



393 34.163879852438505,-118.1119133558197

Photos for Barrier ID: AX427768





Barrier ID: AX421946

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Turning Space
ADA Standard	304
Barrier Detail	A compliant turning space is not provided.
Location Description	Ticket Booth (A Building)
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	A 60" turning space is not provided. The maximum turning space is 32 5/8".

Resolution

Provide a level turning space 60" minimum by 60" minimum or a T-shaped space within a 60" square minimum with arms and base 36" wide minimum. A circular turning space shall have a 60" minimum diameter. A T-shaped turning space shall be within a 60" square minimum with arms and base 36" wide minimum. Each arm of the T shall be clear of obstructions 12" minimum in each direction and the base shall be clear of obstructions 24" minimum. The space shall be permitted to include knee and toe clearance only at the end of either the base or one arm. The floor surface of a turning space shall be level. Changes in level are not permitted. [EXCEPTION: Slopes not steeper than 1:48 shall be permitted.] The quantity and order of magnitude cost estimate provided for this barrier are limited to the extent of the area identified as non-compliant. Additional costs that may be associated with removal of the barrier are not included.

Quantity	Unit Cost	Total Cost
25 SF	11.20	$ 280

Priority	4

Photos for Barrier ID: AX421946





Barrier ID: AX421033

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Typical Classrooms
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

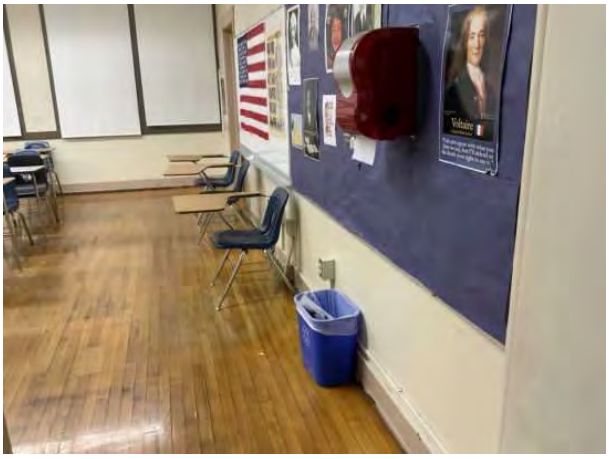
Quantity	Unit Cost	Total Cost
10 EA	281.25	$ 2,813

Priority	4

Photos for Barrier ID: AX421033







Barrier ID: AX420973

Marshall Fundamental School BUILDING A

Assembly	Interior Access Route
Type	Controls And Dispensers
ADA Standard	309.4
Barrier Detail	Controls throughout the common area are not compliant.
Location Description	Workroom A128
Observed	Dec 19, 2023 by javondrick.orange@bureauveritas.com

Site Conditions

The paper towel dispenser requires tight grasping and twisting of the wrist to operate.

Resolution

Provide controls and operating mechanisms that are operable with one hand and not require tight grasping, pinching or twisting of the wrist and do not require more than 5#s of pressure to operate. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

Quantity	Unit Cost	Total Cost
1 EA	281.25	$ 281

Priority	4

Photos for Barrier ID: AX420973







Barrier ID: AX421044

Marshall Fundamental School BUILDING A

Assembly	Common Areas
Type	Dining And Work Surface
ADA Standard	ADA 902.2; 902.4; California Building Code Chap 11B-226, 306.2, 306.3
Barrier Detail	CALIFORNIA: A compliant dining table is not provided.
Location Description	Staff Lounge A109
Observed	Dec 20, 2023 by javondrick.orange@bureauveritas.com
Site Conditions	The table knee clearance height is 26 3/8".

Resolution

Provide a compliant table that allows a clear space of 30" x 48" positioned for forward approach. Where dining surfaces are provided for the consumption of food or drink, at least 5% of the standing spaces and the seating spaces at dining surfaces shall comply. Dining surfaces shall be dispersed throughout the space or facility containing dining surfaces for each type of seating in a functional area. The top of the table shall be minimum 28" and maximum 34" high above the finish floor or ground. Where food or drink is served for consumption at a counter exceeding 34" in height, a portion of the main counter 60" minimum in length shall be provided at minimum 28" and maximum 34" high above the finish floor or ground. The table shall provide knee clearance, which shall be considered space under an element between 9" and 27" above the finish floor or ground. Knee clearance shall extend 25" maximum under an element at 9" above the finish floor or ground. The knee clearance shall be 19" deep minimum from floor or ground to minimum 27" above the finish floor or ground. Provide toe clearance between the finish floor or ground surface and a height of 9", width of 30" minimum, and depth of 19" minimum to 25" maximum. Space extending greater than 6" beyond the available knee clearance at 9" above the finish floor or ground shall not be considered toe clearance. Wheelchair spaces shall adjoin accessible routes. Accessible routes and circulation paths shall not overlap wheelchair spaces. Provide a picnic table with a surface at minimum 26" and maximum 34" height. Clear space shall be maximum 2.08% in all directions and a firm and stable surface.

Quantity	Unit Cost	Total Cost
1 EA	1,625.00	$ 1,625

Priority	5
Employee Only Space	Yes

Photos for Barrier ID: AX421044

