

ACCESSIBILITY ASSESSMENT



prepared for

Oregon Department of Education

255 Capitol Street NE

Salem, Oregon 97310

Adam Krein



ADA TITLE III ASSESSMENT

OF

Centennial Elementary School

1315 Aspen Street

Springfield, Oregon 97477

PREPARED BY:

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BUREAU VERITAS PROJECT #:

169411.24R000-045.449

DATE OF REPORT:

March 4, 2025

ON-SITE DATE:

January 13-14, 2024

Bureau Veritas

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1 EXECUTIVE SUMMARY

1.1 SUMMARY OF FINDINGS

The Client contracted with Bureau Veritas to conduct a Title III Accessibility Assessment of Centennial Elementary. The purpose of this investigation and report is to provide the Client with accessibility recommendations concerning Centennial Elementary.

The site was visited on January 13-14, 2024. Weather conditions at the time of the on-site visit were cloudy with light rain with temperatures in the 40's (°F) and mild 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 detail is provided in Section 2 and Appendix B of the report.

Interior

- No ramp is provided for stage access.
- Counter heights in main office exceed 34".

Exterior

- Sidewalk sections within the central courtyard have a cross slopes exceeding 2.08% and vertical rises greater than 1/4".
- A compliant pathway from the building entrance to street is not provided due to staircase between upper and lower tiers of parking lot.

Accessible Parking

- Access Aisles have slopes exceeding 2.0%
- A Van-accessible Aisle is not provided.
- Passenger loading and drop-off on the lower level of parking lot do not have access to a compliant route to the school building.

It is the responsibility of the owner to assess the requirement for barrier removal under Title I Employment and Title III Places of Public Accommodation 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 readily achievable barrier removal. 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 Centennial Elementary. 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:

CENTENNIAL ELEMENTARY - TITLE III ACCESSIBILITY ASSESSMENT - ACCESSIBILITY SUMMARY

Facility/Building	Priority 1		Priority 2		Priority 3		Priority 4		Priority 5		Total	
	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items	Est. Cost	Items
0544 - Centennial Elementary School	\$104,437	25	\$12,248	10	\$38,450	10	\$15,294	3			\$170,429	48
Grand Total	\$104,437	25	\$12,248	10	\$38,450	10	\$15,294	3			\$170,429	48

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 III of the Americans with Disabilities Act (ADA) and applicable state and local codes and regulations.

1.4 SCOPE OF WORK

ADA TITLE III ASSESSMENT

A Subject Matter Expert will visit the properties to assess the compliance of existing property improvements with the Title III 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 III entities. For the purposes of this portfolio, only public, non-tenant owned features of the property will be subject to observation, and will not include employee-only areas. Public, non-tenant areas will include but not be limited to, parking lots, sidewalks, access ramps, and exterior and interior common areas accessible to the public.

Title III 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:

- 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
- Restrooms (sample set to include 1 classroom restroom, 1 teacher's restroom, 1 men's restroom, 1 women's restroom)
- Classrooms (1 sample classroom for K-8, sampling of High School specialized classes such as science, health education, shop)
- Cafeterias
- Drinking Fountains (sample set up to 3 fountains)
- Offices and Employee Only Spaces – (sample)
- Multi-Media Room
- Locker Room (High Schools only)
- Auditorium (High Schools only)
- Gymnasium (High Schools only)

Exclusions:

- Playgrounds, Athletic Fields, Exterior Amenities such as benches, tables & courtyard furniture
- Employee-only work areas
- Alarms, signage, public telephones, switches & outlets
- Space allowance and reach ranges
- Protruding objects

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 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.

1.6 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.

2 ACCESSIBILITY

Generally, Title III of the Americans with Disabilities Act (ADA) prohibits discrimination by entities to access and use of “areas of public accommodations” and “commercial facilities” 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.

Buildings completed and occupied after January 26, 1992 are required to comply fully with ADAAG. Existing facilities constructed prior to this date are held to the lesser standard of compliance to the extent allowed by structural feasibility and the financial resources available, or a reasonable accommodation must be made.

The scope of the Accessibility Assessment, as defined in the scope of work, is limited to exterior and interior areas covered by the ADA, as well as 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.

	ADA Master Cost																		Date	Date	
Id	Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	GPS Marker	Lat/Long	Location Description	ADA	Ref. Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total	
557354	1033	0544 - Centennial Elementary School	Site	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	55	+44.058236, -123.041394	South Perimeter Gate Entrance	ADA	206; 206.2.1	160	\$35.8128	SF	1		01/14/2025		\$5,730	
553312	2852	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - Car	1	OREGON: Signage and/or pavement markings is/are not compliant for the standard accessible space.	1	+44.057998, -123.042104	Accessible Parking Space P1-B	Oregon Accessibility Code	Oregon Revised Statutes 447.233- 2(e) and 2(f); ADA 502.6	1	\$504	EA	1		01/14/2025		\$504	
553313	2843	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - Car	1	OREGON: The car accessible stall markings are not compliant.	2	+44.058005, -123.042055	Access Aisle Serving Parking Space P1-B	Oregon Accessibility Code	Oregon Revised Statutes 447.233- 2(b),(c), (d),(f); ADA 502.1	1	\$756	EA	1		01/14/2025		\$756	
553340	1782	0544 - Centennial Elementary School	Site	Exterior Access Route	Exterior Accessible Route	1	The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.	29	+44.057869, -123.041696	Central Courtyard	ADA	403.3	600	\$35.8128	SF	1		01/14/2025		\$21,488	
553348	1033	0544 - Centennial Elementary School	Site	Exterior Access Route	Exterior Accessible Route	1	A compliant accessible route is not provided from the property line to the site facilities.	37	+44.057891, -123.041743	Accessible Pathway from Building Entrance to Street	ADA	206; 206.2.1	112	\$35.8128	SF	1		01/14/2025		\$4,011	
Total Barriers: 48, Total Cost: \$170,429																					

	ADA Master Cost																		Date	Date	
Id	Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	GPS Marker	Lat/Long	Location Description	ADA	Ref. Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total	
553349	2852	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - Car	1	OREGON: Signage and/or pavement markings is/are not compliant for the standard accessible space.	38	+44.057782, -123.042118	Accessible Parking Space P1-A	Oregon Accessibility Code	Oregon Revised Statutes 447.233- 2(e) and 2(f); ADA 502.6	1	\$504	EA	1		01/14/2025		\$504	
553350	3160	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - Car	1	The standard car stall and/or access aisle has openings in ground surfaces greater than 1/2" wide.	39	+44.057804, -123.042072	Accessible Parking Space P1-A	ADA	302.3	26	\$35.8128	SF	1		01/14/2025		\$931	
553353	1032	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - General	1	Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.	42	+44.057811, -123.042076	Access Aisle Serving Parking Space P1-A	ADA	303	61	\$35.8128	SF	1		01/14/2025		\$2,185	
553354	2298	0544 - Centennial Elementary School	Site	Accessible Parking	Parking Space - Car	1	The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level.	43	+44.057792, -123.042036	Accessible Parking Space P1-A	ADA	303; 406.2	1	\$3150	EA	1		01/14/2025		\$3,150	
553355	3332	0544 - Centennial Elementary School	Site	Exterior Access Route	Exterior Accessible Route	1	A ramp is required but not provided.	44	+44.057817, -123.042281	Accessible Pathway from Building Entrance to Street	ADA	405, 505	30	\$1191.6	LF	1		01/14/2025		\$35,748	
Total Barriers: 48, Total Cost: \$170,429																					

		ADA Master Cost															Date		Date			
Id		Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	GPS Marker	Lat/Long	Location Description	ADA	Ref. Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total	
553342	2008	0544 - Centennial Elementary School	Centennial Elementary School	Restroom	Restroom/Bathroom - Door	2	The swinging door does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the door.	31			Girls Multiuser Restroom, Kindergarten Hallway	ADA	404.2.10	1	\$360	EA	1			01/14/2025		\$360
553314	1823	0544 - Centennial Elementary School	Centennial Elementary School	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).	3			Classroom 18	ADA	306.2 and 606.3	1	\$1296	EA	1			01/14/2025		\$1,296
553315	1823	0544 - Centennial Elementary School	Centennial Elementary School	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).	4			Classroom 15	ADA	306.2 and 606.3	1	\$1296	EA	1			01/14/2025		\$1,296
Total Barriers: 48, Total Cost: \$170,429																						

		ADA Master Cost					Barrier	GPS		Location		Ref.						Date	Date		
Id		Id	Facility	Building	Assembly	Type	Priority	Detail	Marker	Lat/Long	Description	ADA	Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total
553317	1862	0544 - Centennial Elementary School	Centennial Elementary School	Interior Access Route	Service Counter	2	The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach.	6		Office	ADA	904.4	3	\$1082.7	LF	1			01/14/2025		\$3,248
553319	1823	0544 - Centennial Elementary School	Centennial Elementary School	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).	8		Office	ADA	306.2 and 606.3	1	\$1296	EA	1			01/14/2025		\$1,296
553320	1823	0544 - Centennial Elementary School	Centennial Elementary School	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).	9		Teacher Break Room	ADA	306.2 and 606.3	1	\$1296	EA	1			01/14/2025		\$1,296
Total Barriers: 48, Total Cost: \$170,429																					

	ADA Master Cost																		Date	Date	
Id	Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	GPS Marker	Lat/Long	Location Description	ADA	Ref. Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total	
553322	1922	0544 - Centennial Elementary School	Centennial Elementary School	Restroom	Restroom/Bathroom - Floor Space	3	The entire restroom is not compliant due to limited room dimensions.	11		Unisex Staff Restroom, Single User	ADA	603, 604, 606	1	\$21600	EA	1		01/14/2025		\$21,600	
553331	2739	0544 - Centennial Elementary School	Centennial Elementary School	Restroom	Restroom/Bathroom - Mirror	3	The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter.	20		Boys Multiuser Restroom, Second Grade Hallway	ADA	213.3.5; 603.3	1	\$360	EA	1		01/14/2025		\$360	
553333	1218	0544 - Centennial Elementary School	Centennial Elementary School	Restroom	Restroom/Bathroom - Urinal	3	The clear floor space at the urinal is less than minimum 30" by minimum 48".	22		Boys Multiuser Restroom, Second Grade Hallway	ADA	605.3; 305	1	\$1980	EA	1		01/14/2025		\$1,980	
553334	3266	0544 - Centennial Elementary School	Centennial Elementary School	Restroom	Restroom/Bathroom-Toilet Stall	3	A wheelchair stall is not provided in a multi-user restroom.	23		Boys Multiuser Restroom, Second Grade Hallway	ADA	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	1	\$4950	EA	1		01/14/2025		\$4,950	
Total Barriers: 48, Total Cost: \$170,429																					

		ADA Master Cost														Date		Date			
Id		Id	Facility	Building	Assembly	Type	Barrier Priority	Detail	GPS Marker	Lat/Long	Location Description	ADA	Ref. Number	Quantity	Cost	Unit	Region	Manager	Observed	Completed	Total
553329	1157	0544 - Centennial Elementary School	Centennial Elementary School	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.	18			Water Fountain, 2nd Grade Hallway	ADA	211.1; 211.2; 602; 309	1	\$6765.12	EA	1		01/14/2025		\$6,765
553330	1860	0544 - Centennial Elementary School	Centennial Elementary School	Interior Access Route	Drinking Fountain/Water Cooler	4	Knee and toe clearance is not provided at the lower level fountain.	19			Water Fountain, 2nd Grade Hallway	ADA	306.3, 602.2	1	\$1764	EA	1		01/14/2025		\$1,764
553336	1157	0544 - Centennial Elementary School	Centennial Elementary School	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.	25			Water Fountain, 3rd Grade Hallway	ADA	211.1; 211.2; 602; 309	1	\$6765.12	EA	1		01/14/2025		\$6,765
Total Barriers: 48, Total Cost: \$170,429																					

3 CERTIFICATION

Bureau Veritas has completed a Title III Accessibility Assessment of the subject property, Centennial Elementary School, 1315 Aspen Street, Springfield, Oregon 97477. The site was visited on January 13-14, 2025.

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 III 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 Matt Anderson at matt.anderson@bureauveritas.com or at (800) 766-0660, x7297613.

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Field Observer

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4 APPENDICES

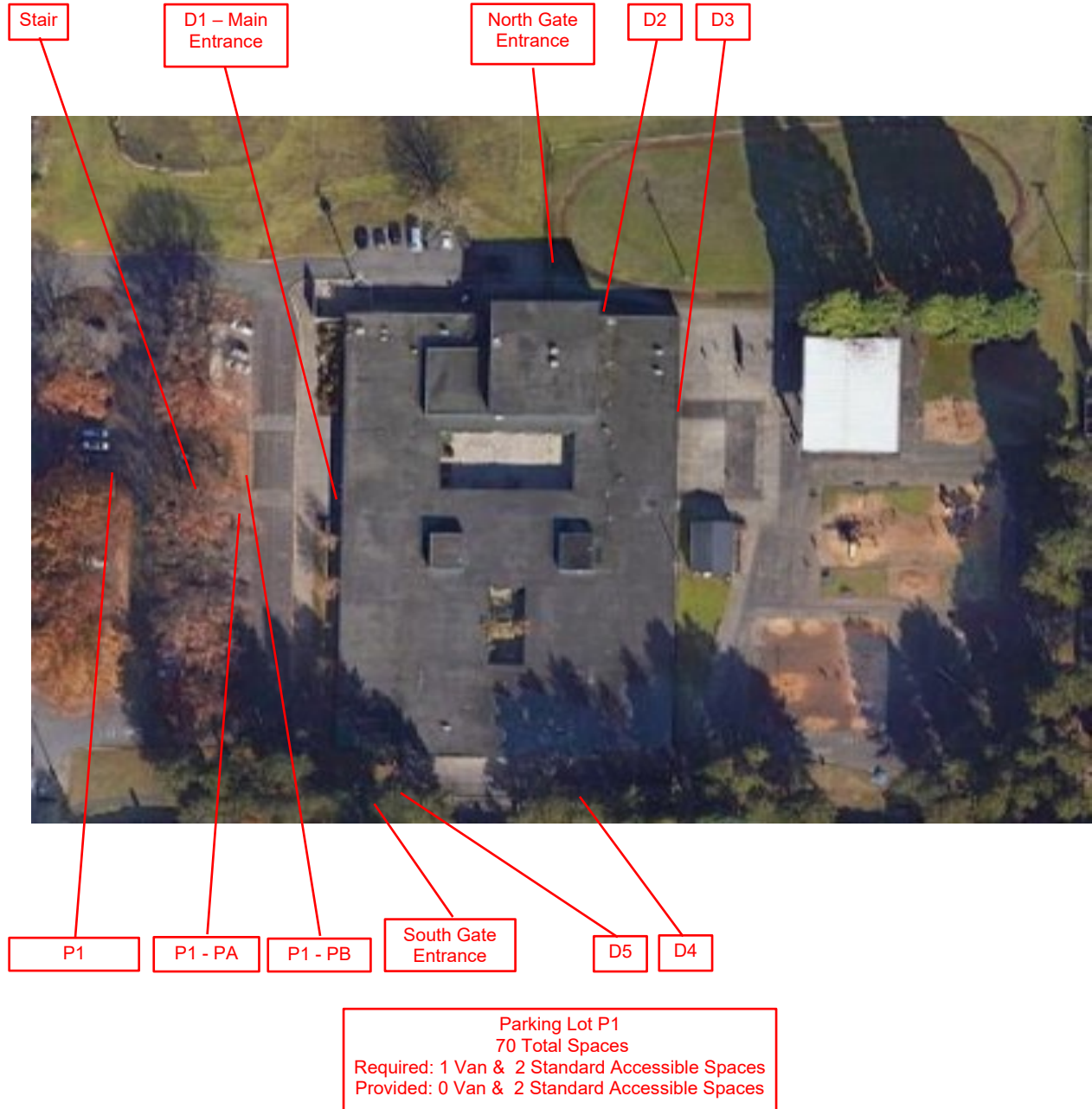
APPENDIX A: SITE PLAN

APPENDIX B: RECORD OF INDIVIDUAL BARRIERS

APPENDIX A:

SITE PLAN

Site Plan



Source:

Google Maps

Legend:

P# - Parking Lot
P#-# - Accessible Parking Space
R-# - Ramp
D-# - Door

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

Project Number:

169411.24R000-045.449

Project Name:

Centennial Elementary School

On-Site Date:

January 13-14, 2024

APPENDIX B:

RECORD OF INDIVIDUAL BARRIERS

0544 - Centennial Elementary School Site

Assembly	Accessible Parking	
Type	Parking Space - General	
ADA Standard	303	
Barrier Detail		
Sidewalk has areas of vertical level changes in excess of 1/4" that are not ramped.		
Location Description	Access Aisle Serving Parking Space P1-A	
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com	
Site Conditions		
Access aisle has a crack for the 7/8" vertical change and open surface areas in excess of 1/2".		
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
61 SF	35.81	\$ 2,185
Priority	1	

Map for Barrier ID: AX553353





0544 - Centennial Elementary School Site

Assembly	Accessible Parking
Type	Parking Space - Car
ADA Standard	Oregon Revised Statutes 447.233-2(b),(c),(d),(f); ADA 502.1
Barrier Detail	OREGON: The car accessible stall markings are not compliant.
Location Description	Access Aisle Serving Parking Space P1-B
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Diagonal striping is 30" on center.

Resolution

Provide a car stall marked with painted lines 4" wide. A car stall shall be minimum 9' (108") wide. Width measurements 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.] Paint the International Symbol of Accessibility (ISA) on the pavement in white retroreflective paint at the entry end of the stall centered between the painted side lines. The ISA shall have minimum dimensions of 28" height and 24" width OR standard dimensions 41" height and 36" width.

Quantity	Unit Cost	Total Cost
1 EA	756.00	\$ 756
Priority	1	



2 +44.058005, -123.042055



0544 - Centennial Elementary School Site

Assembly	Accessible Parking
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Type	Parking Space - Car
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ADA Standard	303; 406.2
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Barrier Detail

The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level.

Location Description	Access Aisle Serving Parking Space P1-B
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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Site Conditions

Base of stall runs along an old curb that features vertical changes of 1" along the width of the stall.

Resolution

Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. Provide vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. 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. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements.

Quantity	Unit Cost	Total Cost
1 EA	3,150.00	\$ 3,150

Priority	1
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Map for Barrier ID: AX553362



51 +44.057972, -123.042041

Photos for Barrier ID: AX553362



0544 - Centennial Elementary School Site

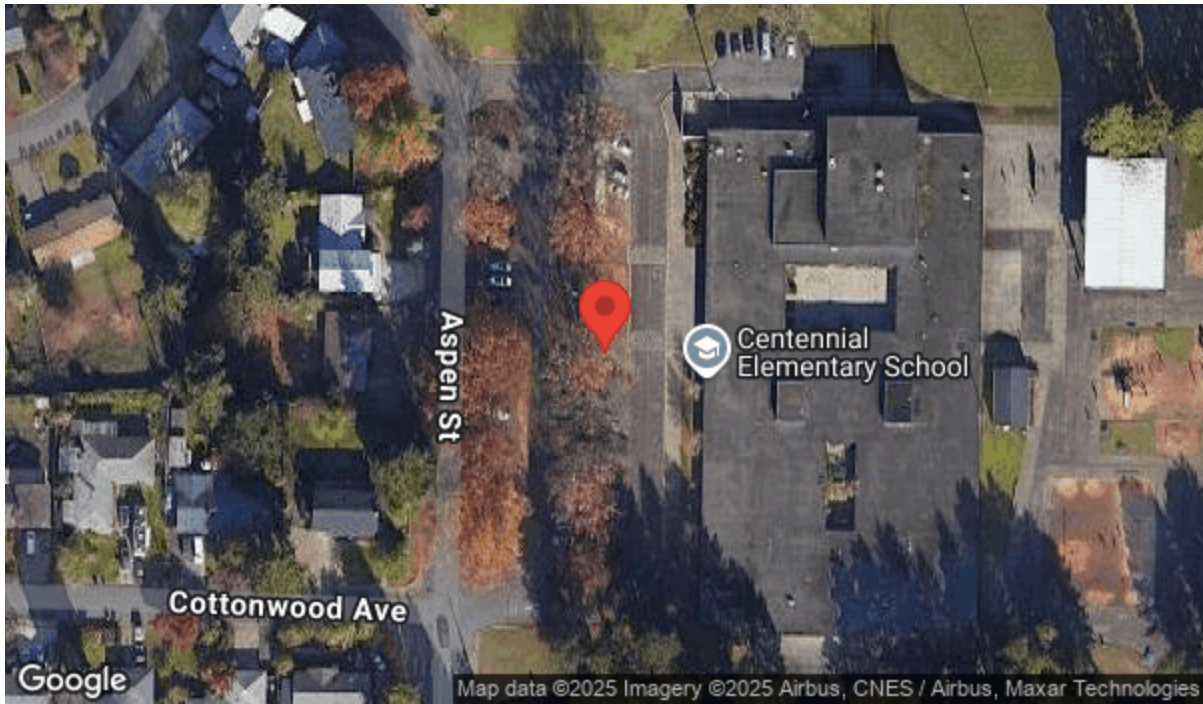
Assembly	Accessible Parking
Type	Parking Space - Car
ADA Standard	Oregon Revised Statutes 447.233-2(e) and 2(f); ADA 502.6
Barrier Detail	
OREGON: Signage and/or pavement markings is/are not compliant for the standard accessible space.	
Location Description	Accessible Parking Space P1-A
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Bottom edge of signage measures 57-3/4" off ground surface.

Resolution

Provide compliant signage and markings for the standard accessible stall. Install signage showing the International Symbol of Accessibility (ISA) EITHER on a free-standing post mounted minimum 84" (+ or - 3") above the stall surface measured to the bottom of the parking sign OR on a building or pier mounted minimum 60" above the stall surface measured to the bottom of the parking sign. Where signage is located on a free-standing post, the post shall be located at the head of the stall, and 2' minimum from the centerline of the painted lines outlining the sides of the stall. Parking space identification signs shall include the International Symbol of Accessibility. 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. The International Symbol of Accessibility (ISA) shall be painted onto the pavement centered at the foot of the stall within the stall depth. Pavement lines shall be white 4" wide lines. Pavement markings and stencils are required to be white and should be retroreflective. The use of blue curb and blue background on pavement marking stencils is optional. Refer to the diagrams below.

Quantity	Unit Cost	Total Cost
1 EA	504.00	\$ 504
Priority	1	

Map for Barrier ID: AX553349



38 +44.057782, -123.042118

Photos for Barrier ID: AX553349



0544 - Centennial Elementary School Site

Assembly	Accessible Parking	
Type	Parking Space - Car	
ADA Standard	302.3	
Barrier Detail		
The standard car stall and/or access aisle has openings in ground surfaces greater than 1/2" wide.		
Location Description	Accessible Parking Space P1-A	
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com	
Site Conditions		
The space shows cracks with open surface gaps in excess of 1-1/8" in width and vertical changes of 1-1/8".		
Resolution		
Repair or resurface parking stall and/or access aisle to eliminate gaps greater than 1/2" wide. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.		
Quantity	Unit Cost	Total Cost
26 SF	35.81	\$ 931
Priority	1	

Map for Barrier ID: AX553350





0544 - Centennial Elementary School Site

Assembly	Accessible Parking
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Type	Parking Space - Car
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ADA Standard	303; 406.2
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Barrier Detail

The adjacent surfaces at transitions to adjoining walks, gutters and streets at the curb ramp are not at the same level.

Location Description	Accessible Parking Space P1-A
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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Site Conditions

Base of stall runs along an old curb that features open surface gaps of 1" along the width of the stall.

Resolution

Replace the curb ramp to ensure that the transitions to adjacent walks, gutters and streets are at the same level. Provide vertical level change at the intersection of the concrete curb ramp and the adjacent pavement. 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. [Advisory 303.3 Beveled. A change in level of 1/2" is permitted to be 1/4" vertical plus 1/4" beveled. However, in no case may the combined change in level exceed 1/2". Changes in level exceeding 1/2" must comply with requirements for curb ramp slopes.] Changes in level greater than 1/2" high shall be ramped, and shall comply with curb ramp running slope requirements.

Quantity	Unit Cost	Total Cost
1 EA	3,150.00	\$ 3,150

Priority	1
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Map for Barrier ID: AX553354



43 +44.057792, -123.042036

Photos for Barrier ID: AX553354



0544 - Centennial Elementary School Site

Assembly	Accessible Parking
Type	Parking Space - Car
ADA Standard	Oregon Revised Statutes 447.233-2(e) and 2(f); ADA 502.6
Barrier Detail	
OREGON: Signage and/or pavement markings is/are not compliant for the standard accessible space.	
Location Description	Accessible Parking Space P1-B
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Bottom edge of sign measures 58" above ground surface.

Resolution

Provide compliant signage and markings for the standard accessible stall. Install signage showing the International Symbol of Accessibility (ISA) EITHER on a free-standing post mounted minimum 84" (+ or - 3") above the stall surface measured to the bottom of the parking sign OR on a building or pier mounted minimum 60" above the stall surface measured to the bottom of the parking sign. Where signage is located on a free-standing post, the post shall be located at the head of the stall, and 2' minimum from the centerline of the painted lines outlining the sides of the stall. Parking space identification signs shall include the International Symbol of Accessibility. 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. The International Symbol of Accessibility (ISA) shall be painted onto the pavement centered at the foot of the stall within the stall depth. Pavement lines shall be white 4" wide lines. Pavement markings and stencils are required to be white and should be retroreflective. The use of blue curb and blue background on pavement marking stencils is optional. Refer to the diagrams below.

Quantity	Unit Cost	Total Cost
1 EA	504.00	\$ 504
Priority	1	

Map for Barrier ID: AX553312



1 +44.057998, -123.042104

Photos for Barrier ID: AX553312



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
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Type	Exterior Accessible Route
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ADA Standard	206; 206.2.1
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Barrier Detail

A compliant accessible route is not provided from the property line to the site facilities.

Location Description	Accessible Pathway from Building Entrance to Street
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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Site Conditions	Accessible pathway to street is interrupted by staircase.(8' x14")
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Resolution

Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. 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.] 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. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. 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
112 SF	35.81	\$ 4,011

Priority	1
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37 +44.057891, -123.041743



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	405, 505
Barrier Detail	A ramp is required but not provided.
Location Description	Accessible Pathway from Building Entrance to Street
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

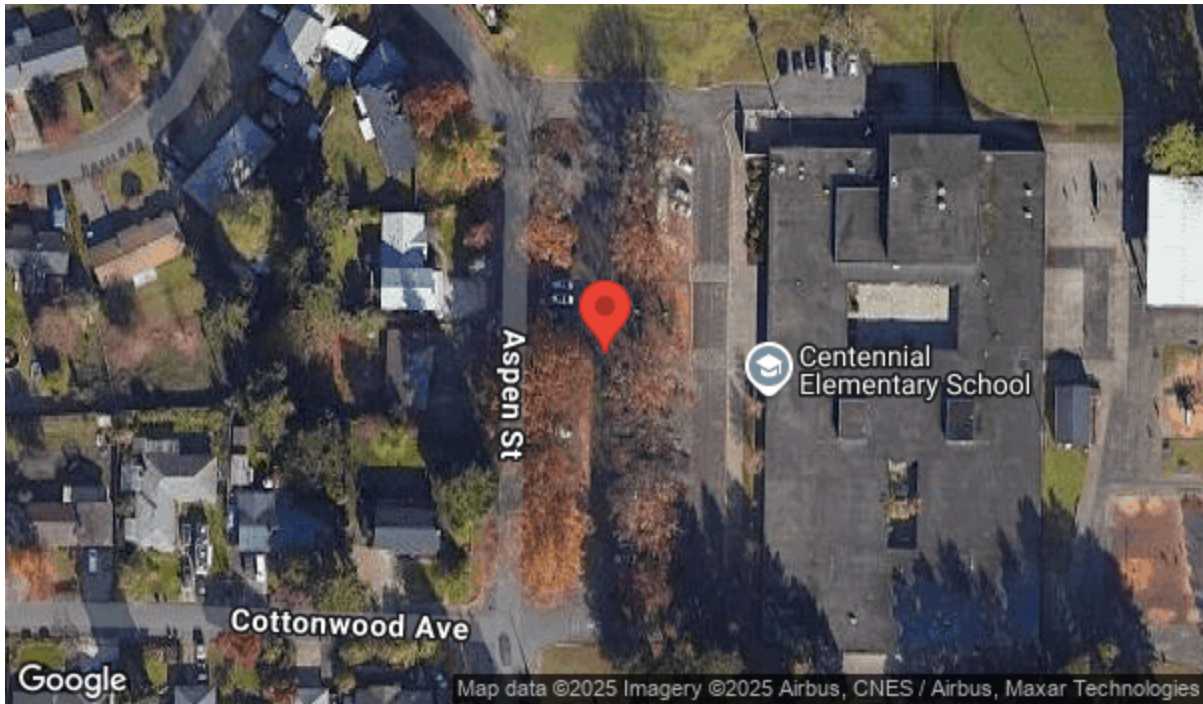
Ramp is necessary but not provided. Current stair features six 15" treads, with 6" risers.

Resolution

Provide a compliant ramp or reduce the walking surface to maximum 1:20 (5%) running slope. The cost estimate for this barrier removal is based on providing a ramp, rather than grading the running slope to maximum 1:20 (5%). 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 built pre-1/26/92, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 where such slopes are necessary due to space limitations. 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.] The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36" minimum. [EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.] Ramp runs shall have maximum 30" rise. Ramp landings shall be located at the top and bottom of ramp runs, and at turns of ramp direction. Landings shall be 1:48 maximum slope in any direction. Landings shall be minimum 60" length, and as wide as the ramp run, except ramp landings at turns which shall be minimum 60" x 60" minimum. All ramp runs with a rise of 6" or greater shall have handrails on each side of the ramp. Handrails shall be compliant. The top of the handrail gripping surface shall be 34" minimum to 38" maximum vertically above the ramp surface. Provide edge protection on the sides of each ramp run which rises more than 6" and on ramp landings. Compliant edge protection shall be provided on each side of ramp runs and at each side of ramp landings. Compliant edge protection is EITHER a curb or barrier that prevents the passage of a 4" diameter sphere where the sphere is within 4" of the ramp surface OR an extension of the ramp surface 12" minimum beyond the inner face of the rail. [EXCEPTIONS: 1. Edge protection shall not be required on ramps that are not required to have handrails and have sides. 2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway. 3. Edge protection shall not be required on the sides of ramp landings having a vertical drop-off of 1/2" maximum within 10" horizontally of the minimum required landing area.] Ramps and their approaches shall be designed so that water will not accumulate on walking surfaces.

Quantity	Unit Cost	Total Cost
30 LF	1,191.60	\$ 35,748
Priority	1	

Map for Barrier ID: AX553355



44 +44.057817, -123.042281

Photos for Barrier ID: AX553355



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
Type	Curb Ramp - Perpendicular
ADA Standard	406.2
Barrier Detail	A curb ramp is not provided where the accessible route crosses a curb.
Location Description	Accessible Pathway from Northside Building Entrance to Street
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

Accessible pathway to street from entrances on north side of building is interrupted by vertical changes of 6" at adapted curb spaces.

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	3,150.00	\$ 3,150
Priority	1	

Map for Barrier ID: AX553358



47 +44.058246, -123.041762

Photos for Barrier ID: AX553358



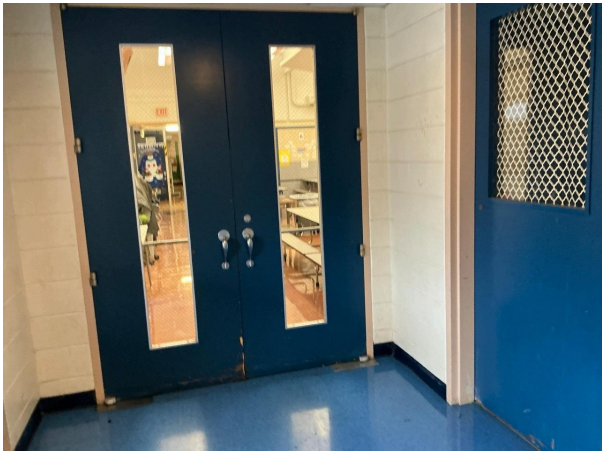
0544 - Centennial Elementary School Centennial Elementary School

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.9
Barrier Detail	The fire door requires more than the allowable pounds of pressure to operate.
Location Description	Cafeteria Dining (Interior) Entrance Door
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is 16 pounds at each door.

Resolution

Provide a fire door which operates at the minimum force allowable by the governing administrative authority. The force required to open and close the fire door shall be not greater than the minimum force allowable by the appropriate administrative authority. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. 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.

Quantity	Unit Cost	Total Cost
2 EA	658.80	\$ 1,318
Priority	1	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Common Areas
Type	Interior Access Route
ADA Standard	206.2.5; 302

Barrier Detail

A compliant surface on the accessible route to all restaurant and cafeteria dining areas is not provided.

Location Description	Cafeteria Serving Area
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Service line pathway is 23" width between tray counter and refrigeration unit.

Resolution

relocate refrigeration unit outside of pathway width or provide a compliant surface on the accessible route to the end of service line and to all dining areas required to be compliant. A compliant surface In restaurants and cafeterias shall be firm, stable and slip resistant. [Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counter force to the forces exerted in walking to permit safe ambulation.] An accessible route shall be provided to all dining areas, including raised or sunken dining areas, and outdoor dining areas. [EXCEPTIONS: 1. In buildings or facilities not required to provide an accessible route between stories, an accessible route shall not be required to a mezzanine dining area where the mezzanine contains less than 25 percent of the total combined area for seating and dining and where the same decor and services are provided in the accessible area. 2. In alterations, an accessible route shall not be required to existing raised or sunken dining areas, or to all parts of existing outdoor dining areas where the same services and decor are provided in an accessible space usable by the public and not restricted to use by people with disabilities. 3. In sports facilities, tiered dining areas providing seating shall be required to have accessible routes serving at least 25 percent of the dining area provided that accessible routes serve seating and each tier is provided with the same services.] [Advisory 206.2.5 Restaurants and Cafeterias Exception 2. Examples of "same services" include, but are not limited to, bar service, rooms having smoking and non-smoking sections, lotto and other table games, carry-out, and buffet service. Examples of "same decor" include, but are not limited to, seating at or near windows and railings with views, areas designed with a certain theme, party and banquet rooms, and rooms where entertainment is provided.] An accessible route is minimum 36" wide, minimum 1:20 (5%) running slope and minimum 1:48 (2.08%) cross slope.

Quantity	Unit Cost	Total Cost
24 SF	61.40	\$ 1,474
Priority	1	



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
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Type	Exterior Accessible Route
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ADA Standard	403.3
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Barrier Detail

The accessible route has greater than 1:20 (5%) running slope and 1:50 (2%) cross slope.

Location Description	Central Courtyard
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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Site Conditions

Sections of sidewalk in Central Courtyard show cross slopes of 3.1%. (20' x 30').

Highest Cross Slope	3.1
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Resolution

The accessible route should be graded to a maximum 1:20 (5%) running slope and 1:50 (2%) cross slope. An accessible route has maximum 1:20 (5%) running slope, maximum 1:50 (2%) cross slope. [EXCEPTION: Cross slopes not greater than 1:48 (2.08%) are permitted.] 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. An accessible route has a minimum clear width 36". [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 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
600 SF	35.81	\$ 21,488

Priority	1
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Map for Barrier ID: AX553340



29 +44.057869, -123.041696

Photos for Barrier ID: AX553340



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

Location Description	D-1 Main Entrance Doors
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is 20 pounds in each door.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	

Map for Barrier ID: AX553352



41 +44.057866, -123.041714

Photos for Barrier ID: AX553352



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

Location Description	D-2 Exterior entrance at Kindergarten Hallway (North)
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is in excess of 19 pounds in each door.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	

Map for Barrier ID: AX553346



35 +44.058213, -123.041282

Photos for Barrier ID: AX553346



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	302.3
Barrier Detail	The accessible route has gaps in the surface greater than 1/2" wide.
Location Description	D-2 Exterior entrance at Kindergarten Hallway (North)
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

Gap at entrance door has open surface areas and excess of 1/2" and vertical changes of 3/4". (6' x 12")

Resolution

Repair the accessible route to eliminate openings in the surface greater than 1/2" wide. Openings in the ground surface of the accessible route shall not allow passage of a sphere more than 1/2" diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

Quantity	Unit Cost	Total Cost
6 SF	35.81	\$ 215
Priority	1	

Map for Barrier ID: AX553347





0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

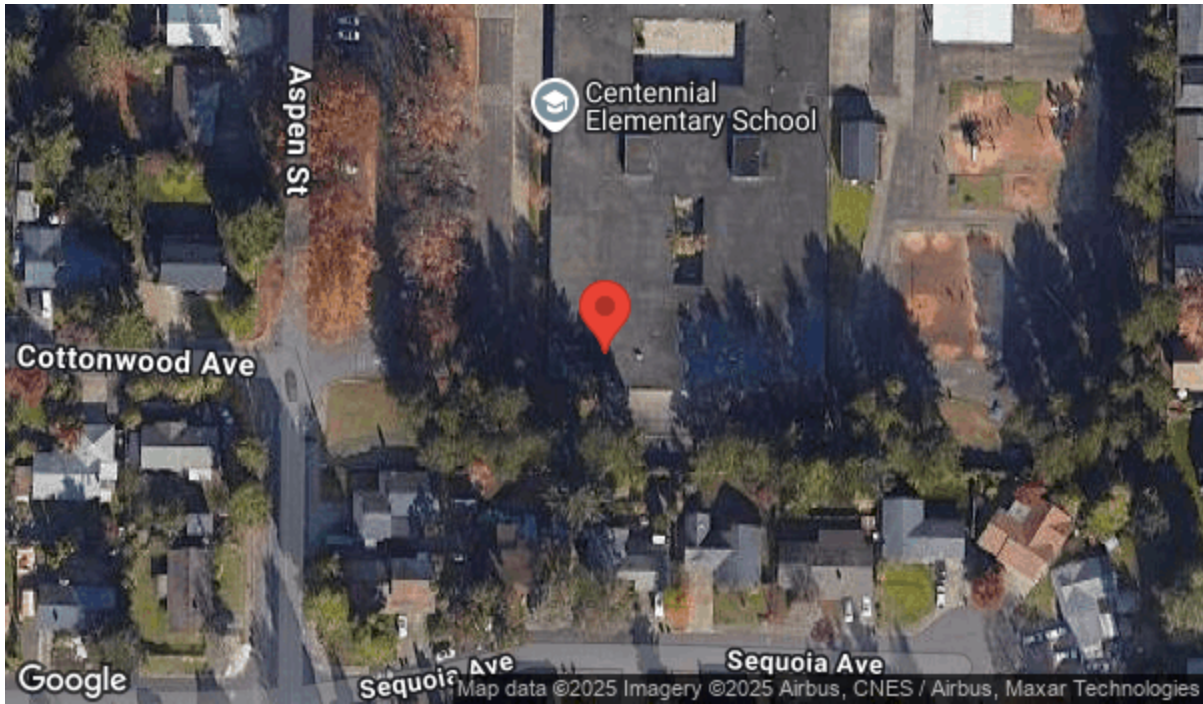
Location Description	D-5 Exterior Entrance at Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is in excess of 17 pounds on both doors.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	

Map for Barrier ID: AX553335



24 +44.057307, -123.041708

Photos for Barrier ID: AX553335



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

Location Description	D-6 Exterior Entrance (East)
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is 15 pounds in each door.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	

Map for Barrier ID: AX553341



30 +44.057806, -123.041138

Photos for Barrier ID: AX553341



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

Location Description	D4 Exterior entrance at Fourth Grade Hallway (South)
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is 16 pounds in each door.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	

Map for Barrier ID: AX553338



27 +44.057213, -123.041282

Photos for Barrier ID: AX553338



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Entrance to Building
Type	Building Entrance - Door
ADA Standard	404.2.9

Barrier Detail

The opening force of the fire door is more than the minimum allowable by the appropriate administrative authority.

Location Description	Exterior Entrance Door to Central Courtyard
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Force to open is 10 pounds and 10.5 pounds at each door.

Resolution

Adjust the closer/opener or replace with a door which requires no more force to open and close than the minimum allowable force required by the appropriate administrative authority. The force at the latch, the force to set the door in motion, and the force to fully open the door shall be the minimum allowable. 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
2 EA	658.80	\$ 1,318
Priority	1	



16 +44.057914, -123.041564



0544 - Centennial Elementary School Centennial Elementary School

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	Library
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

Internal entrance (from enclosed courtyard) door has a force to open of 12 pounds.

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
2 EA	658.80	\$ 1,318
Priority	1	



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route	
Type	Loading/Unloading Zone	
ADA Standard	503.2	
Barrier Detail		
The loading/unloading zone is not 96" wide by 20' long with vertical clearance of 114".		
Location Description	Parking Lot 1 (lower tier), Passenger Loading Zone	
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com	
Site Conditions		
The passenger loading zone is located on the lower tier of parking lot P1. It does not currently connect to a compliant entrance to the building entrance (see barrier entries for staircase and required ramp run). Passenger loading zone features no pavement markings for designated parallel drop-off points and minimal signage designating the area as a drop off/pick-up zone.		
Resolution		
The loading/unloading zone shall be redesigned or relocated to be 96" wide minimum by 20' long minimum with 114" minimum vertical clearance.		
Quantity	Unit Cost	Total Cost
3 EA	777.60	\$ 2,333
Priority	1	

Map for Barrier ID: AX553356



45 +44.057333, -123.042318

Photos for Barrier ID: AX553356



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route	
Type	Loading/Unloading Zone	
ADA Standard	303, 403.4	
Barrier Detail		
The curb ramp surface has vertical height changes greater than 1/4" that are not ramped.		
Location Description	Parking Lot 1, School Bus Loading Zone	
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com	
Site Conditions		
School Bus Loading Zone does not feature curb ramps at 2" vertical change provided by curb. Although transitions to pavement are beveled to provide a compliant pathway, crosswalks are not considered part of the loading zone.		
Resolution		
Reconstruct curb ramp to eliminate surface vertical height changes greater than 1/4". Vertical changes in level of 1/4" high maximum are permitted to be vertical. 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. Vertical changes in level greater than 1/2" shall be ramped.		
Quantity	Unit Cost	Total Cost
2 EA	3,150.00	\$ 6,300
Priority	1	

Map for Barrier ID: AX553361



50 +44.057835, -123.041953

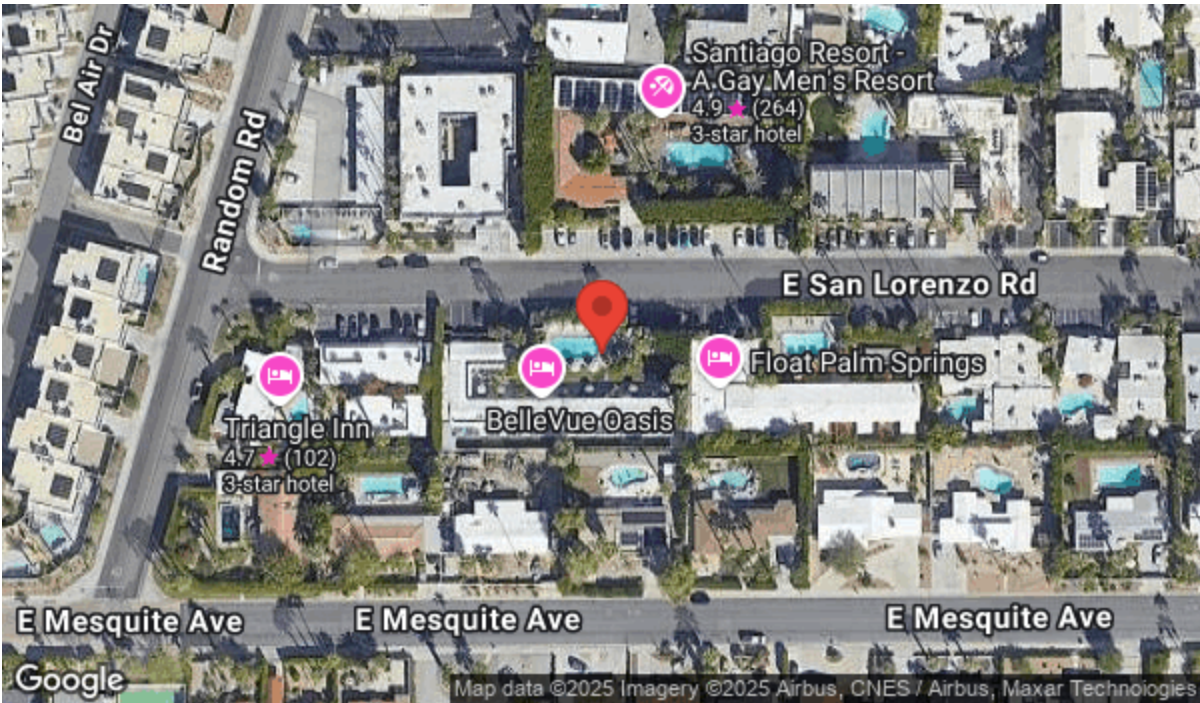
Photos for Barrier ID: AX553361



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route	
Type	Loading/Unloading Zone	
ADA Standard	503.2	
Barrier Detail		
The loading/unloading zone is not 96" wide by 20' long with vertical clearance of 114".		
Location Description	Parking Lot 1, School Bus Loading Zone	
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com	
Site Conditions		
School Bus Loading Zone does not feature designated stalls and complaint pavement markings.		
Resolution		
The loading/unloading zone shall be redesigned or relocated to be 96" wide minimum by 20' long minimum with 114" minimum vertical clearance.		
Quantity	Unit Cost	Total Cost
3 EA	756.00	\$ 2,268
Priority	1	

Map for Barrier ID: AX553363





0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
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Type	Exterior Accessible Route
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ADA Standard	206; 206.2.1
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Barrier Detail

A compliant accessible route is not provided from the property line to the site facilities.

Location Description	South Perimeter Gate Entrance
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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Site Conditions

Perimeter swing gate does not connect to accessible pathway to the street or to accessible parking. Existing swing gate is locked and does not connect to accessible pathway to street or to accessible parking.

Resolution

Provide an accessible route from accessible parking spaces, passenger loading zones, public streets, public sidewalks, and public transportation stops. 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.] 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. A compliant ramp has maximum 1:12 (8.3%) running slope, maximum ramp run rise 30", landings at the top and bottom of ramp runs, handrails where the ramp run rise is greater than 6", and edge protection with exceptions. 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
160 SF	35.81	\$ 5,730

Priority	1
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Map for Barrier ID: AX557354



55 +44.058236, -123.041394

Photos for Barrier ID: AX557354



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom-Door
ADA Standard	404.2.10

Barrier Detail

The swinging door does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the door.

Location Description	Boys Multiuser Restroom, Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

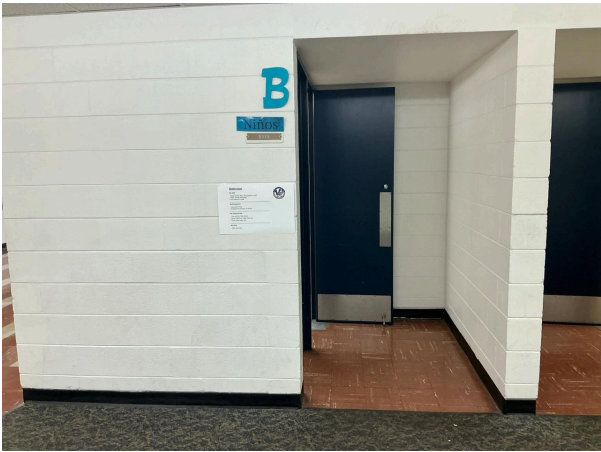
Site Conditions

Push side door from boy's restroom does not have a smooth surface 10" above bottom; there is a door stop.

Resolution

Provide a swinging door with a smooth surface within 10" of the finish floor or ground measured vertically on the push side extending the full width of the door. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.

Quantity	Unit Cost	Total Cost
1 EA	288.00	\$ 288
Priority	2	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Interior Access Route
Type	Door
ADA Standard	404.2.10

Barrier Detail

The swinging door does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the door.

Location Description	Cafeteria Dining (Interior) Entrance Door
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

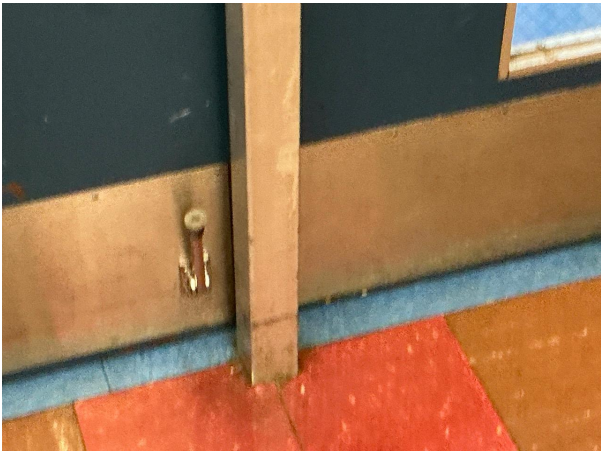
Site Conditions

The bottom 10" on the push side of interior café dining entrance is not smooth; there is a door stop.

Resolution

Provide a swinging door with a smooth surface within 10" of the finish floor or ground measured vertically on the push side extending the full width of the door. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.

Quantity	Unit Cost	Total Cost
1 EA	288.00	\$ 288
Priority	2	



0544 - Centennial Elementary School Centennial Elementary School

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 15
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No knee or toe clearance is provided beneath sink due to the cabinets.

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	1,296.00	\$ 1,296
Priority	2	



0544 - Centennial Elementary School Centennial Elementary School

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 18
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No knee or toe clearance is provided beneath sink due to cabinets.

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	1,296.00	\$ 1,296
Priority	2	



0544 - Centennial Elementary School Centennial Elementary School

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	D4 Exterior entrance at Fourth Grade Hallway (South)
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Bottom edge of vision panel measures 52" off of the floor surface.

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
2 EA	288.00	\$ 576
Priority	2	

Map for Barrier ID: AX553337



26 +44.057224, -123.041269



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	404.2.10

Barrier Detail

The swinging door does not have a smooth surface within 10" of the ground measured vertically on the push side extending the full width of the door.

Location Description	Girls Multiuser Restroom, Kindergarten Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

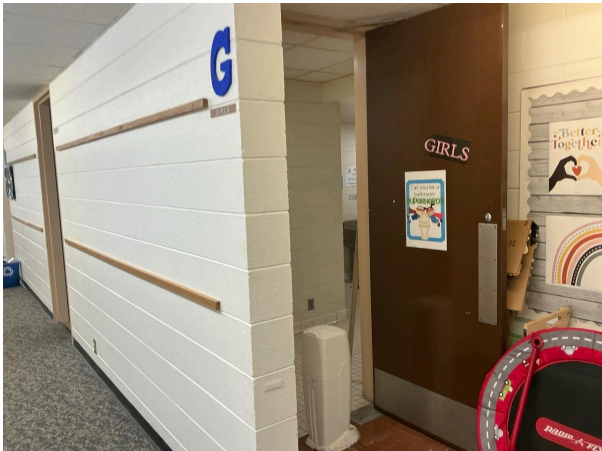
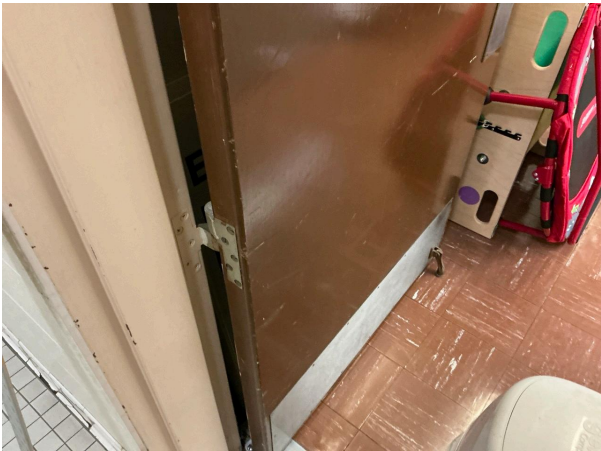
Bottom 10" of the push side of restroom door is not smooth and uninterrupted; there is a door stop.

Resolution

Provide a swinging door with a smooth surface within 10" of the finish floor or ground measured vertically on the push side extending the full width of the door. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.

Quantity	Unit Cost	Total Cost
1 EA	360.00	\$ 360
Priority	2	

Photos for Barrier ID: AX553342



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Interior Access Route
Type	Service Counter
ADA Standard	904.4

Barrier Detail

The service counter does not have 36" wide section that is 36" maximum above finished floor that is oriented for a parallel approach, or the service counter does not have a 30" wide section that is 36" maximum, with knee and toe clearance, that is oriented for a forward approach.

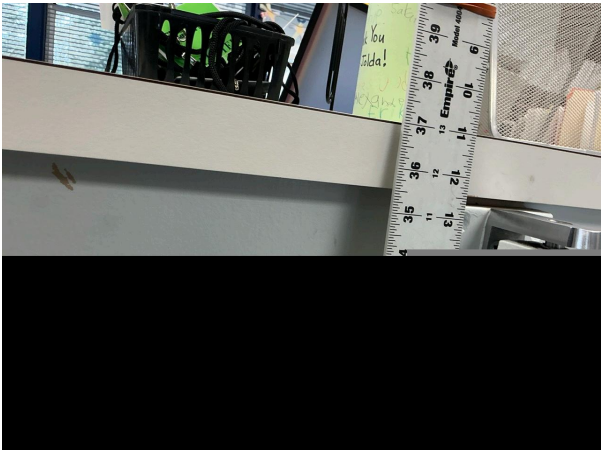
Location Description	Office
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Counter measures 37" from floor surface.

Resolution

Provide a compliant section of the counter maximum 36" height with 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 wide and 36" maximum above finished floor. Clear space of minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a parallel approach, with the 48" dimension centered on the compliant portion of the counter. For a forward approach, a portion of service counter must be 30" wide and 36" high maximum. Knee and toe clearance shall be provided for a forward approach. Clear floor space minimum 30" wide and minimum 48" long shall be centered on the compliant portion of the counter, and oriented for a forward approach with the 30" dimension centered on the 30" width of the compliant counter section. Clear space at the counter shall be maximum 2.08% in all directions and a firm and stable surface.

Quantity	Unit Cost	Total Cost
3 LF	1,082.70	\$ 3,248

Priority	2
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0544 - Centennial Elementary School Centennial Elementary School

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	Office
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No knee or toe clearance is provided at sink due to cabinets.

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	1,296.00	\$ 1,296
Priority	2	



0544 - Centennial Elementary School Site

Assembly	Exterior Access Route
Type	Exterior Accessible Route
ADA Standard	404.2.10
Barrier Detail	The gate does not have a smooth surface within 10" of the ground.
Location Description	Perimeter Gate Entrances
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

Bottom 10" of push side at gate entrance is not smooth and uninterrupted. Barrier pictured is 1 of 8 gates at perimeter.

Resolution

Provide a swinging gate with a smooth surface within 10" of the ground, measured vertically on the push side of the gate and extending the full width of the gate. Parts creating horizontal or vertical joints in the surfaces shall be within 1/16" of the same plane as the other. Cavities created by adding kick plates shall be capped.

Quantity	Unit Cost	Total Cost
8 EA	288.00	\$ 2,304
Priority	2	

Map for Barrier ID: AX553351





0544 - Centennial Elementary School Centennial Elementary School

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	Teacher Break Room
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No knee or toe clearance is provided at sink due to cabinets.

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	1,296.00	\$ 1,296
Priority	2	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Ambulatory Stall
ADA Standard	604.5; 604.8.1.5

Barrier Detail

ADVISORY: The grab bars are not located per children's specifications in the wheelchair stall used primarily by children.

Location Description	Boys Multiuser Restroom, Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

The wheelchair stall provided in multi user restroom does not have compliant grab-bars installed.

Resolution

It is recommended to install the grab bars at a height using children's specifications. [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".] Grab bars shall be installed in a horizontal position, at a height of 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. 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.

Quantity	Unit Cost	Total Cost
1 EA	2,160.00	\$ 2,160
Priority	3	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
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Type	Restroom/Bathroom - Mirror
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ADA Standard	213.3.5; 603.3
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Barrier Detail

The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter.

Location Description	Boys Multiuser Restroom, Second Grade Hallway
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Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
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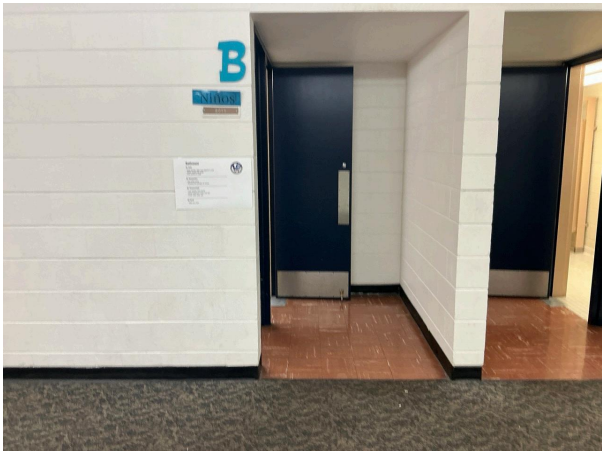
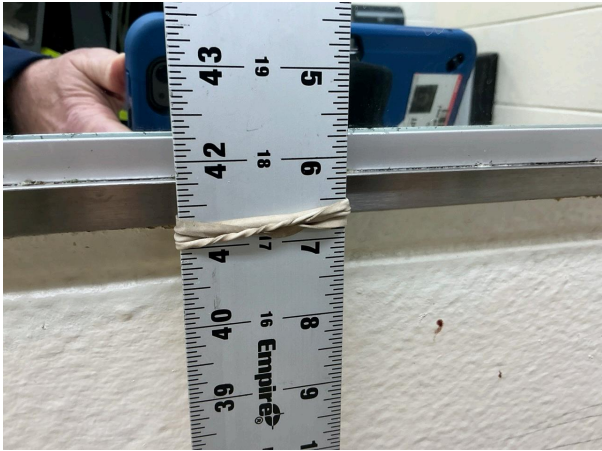
Site Conditions	Bottom edge of reflective surface measures 42 1/4" above floor surface.
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Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. 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. 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. [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	360.00	\$ 360

Priority	3
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0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Toilet Stall
ADA Standard	604.6

Barrier Detail

The flush control is located on the closed side and/or is not within reach range.

Location Description	Boys Multiuser Restroom, Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Wheelchair stall does not have flush handle mounted on the open side.

Resolution

Remove and install a flush control that is 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. Flush controls shall be located on the open side of the water closet, except in ambulatory accessible compartments.

Quantity	Unit Cost	Total Cost
1 EA	563.40	\$ 563
Priority	3	

Photos for Barrier ID: AX553365



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Urinal
ADA Standard	605.3; 305
Barrier Detail	The clear floor space at the urinal is less than minimum 30" by minimum 48".
Location Description	Boys Multiuser Restroom, Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

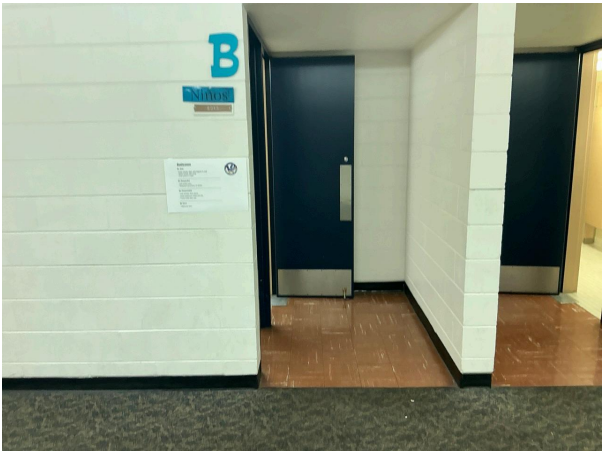
Site Conditions

Urinals are not wall-mounted. Forward approach is limited to 32" from opposite partition.

Resolution

Redesign to provide clear space at the urinal for a forward approach, The clear floor or ground space shall be 30" minimum by 48" minimum, with the 30" dimension parallel with the rear wall behind the urinal. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space. 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.]

Quantity	Unit Cost	Total Cost
1 EA	1,980.00	\$ 1,980
Priority	3	



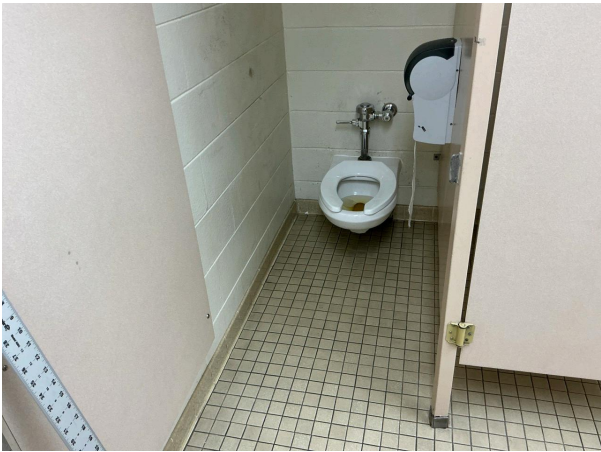
0544 - Centennial Elementary School Centennial Elementary School

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	Boys Multiuser Restroom, Second Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	The stall provided in multiuser restroom measures 33" wide.

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	4,950.00	\$ 4,950
Priority	3	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Lavatory
ADA Standard	606.4; 309
Barrier Detail	The lavatory faucet hardware is not compliant.
Location Description	Girls Multiuser Restroom, Kindergarten Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Lavatory faucet is not operable.

Resolution

Provide push/lever hardware for the faucet. Replace faucet operating hardware with compliant handles. Operable parts, such as faucet hardware, 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. Hand-operated metering faucets shall remain open for 10 seconds minimum. Provide a minimum of one accessible sink with push/lever hardware.

Quantity	Unit Cost	Total Cost
1 EA	999.00	\$ 999
Priority	3	

Photos for Barrier ID: AX553343



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Mirror
ADA Standard	213.3.5; 603.3

Barrier Detail

The mirror is mounted higher than 35" above finish floor to the bottom of the reflective surface, where it is not installed above a lavatory or counter.

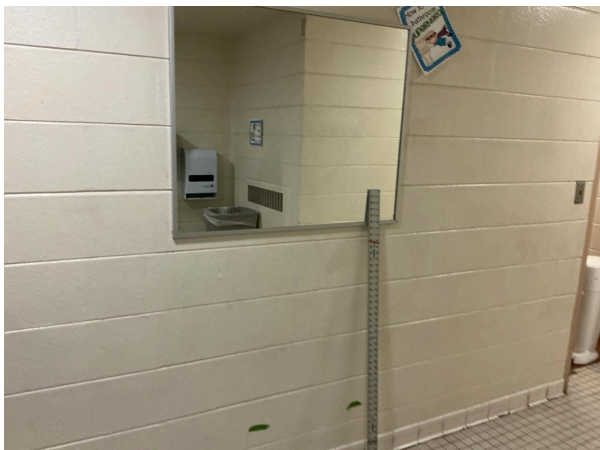
Location Description	Girls Multiuser Restroom, Kindergarten Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Bottom edge of reflective surface measures 43" off floor.

Resolution

Remove and lower the mirror to a compliant height. Where mirrors are provided, at least one shall comply. 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. 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. [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	360.00	\$ 360
Priority	3	

Photos for Barrier ID: AX553344



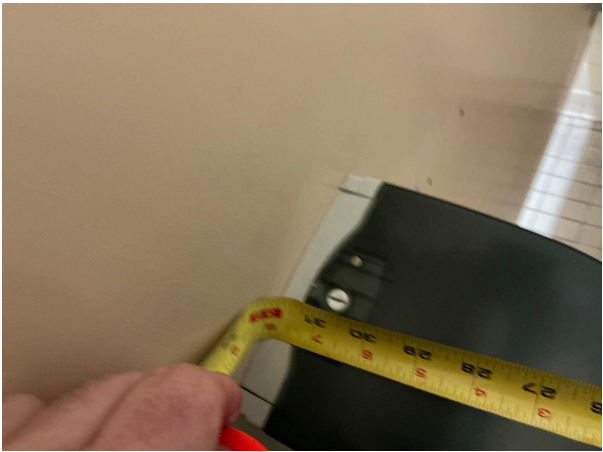
0544 - Centennial Elementary School Centennial Elementary School

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 Multiuser Restroom, Kindergarten Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Stall door width is 27". Interior stall width is 32". No grout provided above rear of toilet.

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	4,950.00	\$ 4,950
Priority	3	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Restroom
Type	Restroom/Bathroom - Door
ADA Standard	309, 404.2.7

Barrier Detail

The hardware at the accessible door requires tight grasping, pinching or twisting of the wrist to operate

Location Description	Unisex Staff Restroom, Single User
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	Restroom door hardware requires, twisting, grasping, and turning of the wrist.

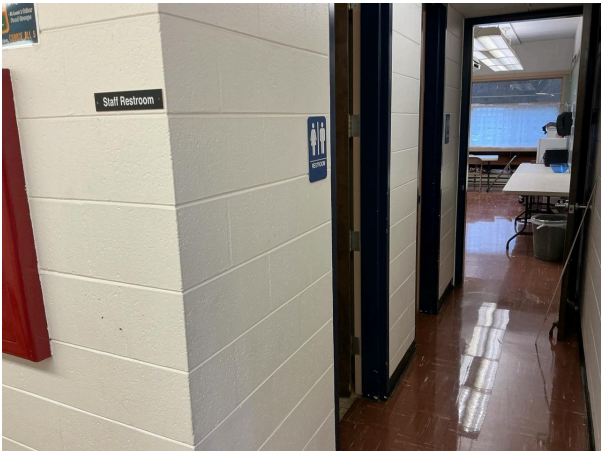
Resolution

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 48" 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.]

Quantity	Unit Cost	Total Cost
1 EA	527.40	\$ 527

Priority	3
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0544 - Centennial Elementary School Centennial Elementary School

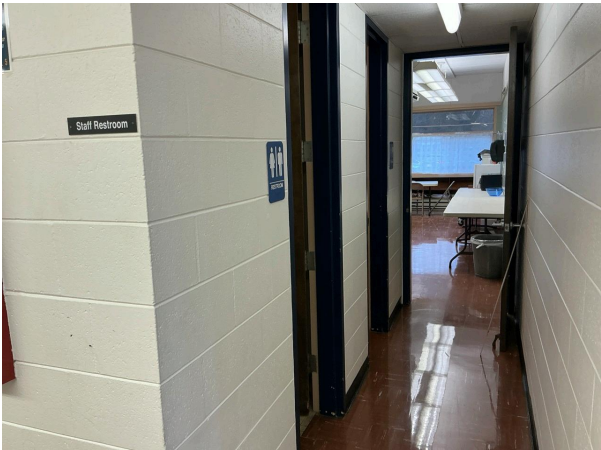
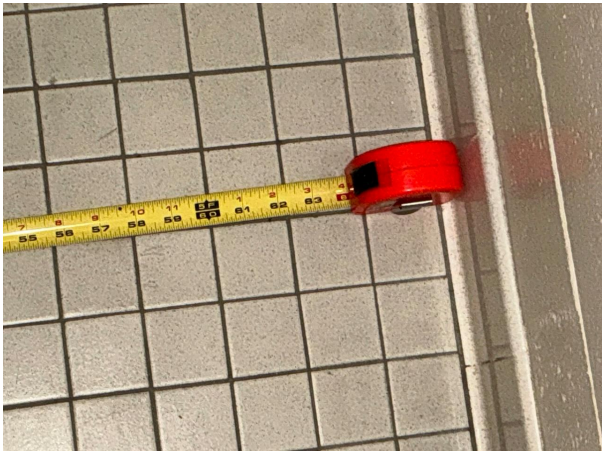
Assembly	Restroom
Type	Restroom/Bathroom - Floor Space
ADA Standard	603, 604, 606
Barrier Detail	The entire restroom is not compliant due to limited room dimensions.
Location Description	Unisex Staff Restroom, Single User
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	The dimensions of the restroom are 67-1/2" wide and 55" deep.

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	21,600.00	\$ 21,600

Photos for Barrier ID: AX553322



0544 - Centennial Elementary School Centennial Elementary School

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	Water Fountain, 2nd Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No standing level fountain is 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	6,765.12	\$ 6,765
Priority	4	



0544 - Centennial Elementary School Centennial Elementary School

Assembly	Interior 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	Water Fountain, 2nd Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com

Site Conditions

Outlet and plugin at bottom of water fountain impedes toe clearance. Bottom edge of cord measures 6" above floor surface.

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.

Quantity	Unit Cost	Total Cost
1 EA	1,764.00	\$ 1,764
Priority	4	



0544 - Centennial Elementary School Centennial Elementary School

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	Water Fountain, 3rd Grade Hallway
Observed	Jan 14, 2025 by Thomas.chiarella@bureauveritas.com
Site Conditions	No standing level fountain is 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	6,765.12	\$ 6,765
Priority	4	

