HMC Architects

SAN MATEO FOSTER CITY SCHOOL DISTRICT
FACILITIES DEVELOPMENT

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PARKSIDE MONTESSORI MPR AND SITE PROJECT

ADDENDUM NO. 4

Date: **November 21. 2023**

Project: **Parkside Montessori MPR & Site Project**
DSA #: **01-120306 41-26**

Owner: **San Mateo Foster City School District**
1170 Chess Drive
Foster City, CA 94404

Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

1.1 SPECIFICATIONS

1. **SPECIFICATION TABLE OF CONTENTS**
   The following specification section is hereby revised.
   A. Revised specifications list to include section "08 16 13 FIBERGLASS DOORS".

2. **SPECIFICATION SECTION 08 16 13 – FIBERGLASS DOORS**
   The following specification section is hereby issued.
   A. Added missing section.

1.2 DRAWINGS

1. **SHEET 'G0.3 SHEET INDEX'**
   The following drawing is hereby revised with these changes:
   A. Added 'E1.1A - LUNCH SHELTER ELECTRICAL SITE PLAN & PHOTOMETRIC PLAN' to sheet index.
   B. Added 'T24.5 TITLE 24 COMPLIANCE – LUNCH SHELTER' to sheet index.
   C. Revised Total drawing count to '166 DWGS'

2. **SHEET 'C1.1 EXISTING SITE & DEMOLITION PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added existing concrete to be remove in front of existing classrooms and LGI building
   B. Added existing gate in front of administration office to be removed
   C. Added Demolition Note #51
   D. Revised Over-Excavation & Recompaction Notes #2 and #4
   E. Added note #8 to Project Description.

3. **SHEET 'C2.1 SITE IMPROVEMENT PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added notes #61 & #62
   B. Added new concrete to be installed in front of existing classrooms and LGI building
   C. Added new concrete to be installed in front of Administration Office.

4. **SHEET 'C3.1 GRADING PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added elevations and slopes to the added concrete outside the existing classrooms and LGI building.

5. **SHEET 'C3.2 ENLARGED GRADING PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added elevations and slopes to the added concrete outside the existing classrooms and LGI building

6. **SHEET 'C6.1 EROSION CONTROL PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added soil and boulder stockpile locations A & B

7. **SHEET 'L1.1 LAYOUT PLAN'**
   The following drawing is hereby reissued with these changes:
   B. Removed a reference to a Bid Alternate that was made part of the base bid in a previous addendum.
   C. Changed location for 4th Salvaged Bench.

8. **SHEET 'L2.1 MATERIAL AND DETAIL REFERENCE PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added new layout of ornamental fence between LGI and Admin.
   B. Changed location of 4th Salvaged Bench.
   C. Added additional flatwork around LGI.
   D. Added additional flatwork by Admin.
   E. Added additional flatwork by existing Classroom Wings.
   F. Added additional flatwork north of new MU Building.

9. **SHEET 'L2.2 MATERIAL AND DETAIL REFERENCE PLAN'**
   The following drawing is hereby reissued with these changes:
   A. Added entry into Material and Detail Refeerence Legend for the ornamental fence.

10. **SHEET 'A1.1 CAMPUS SITE PLAN'**
    The following drawing is hereby reissued with these changes:
    A. Delete KEYNOTE 04.03 "CMU BALL WALL, S.L.D." and added Keynote 3.23 "CONCRETE BALL WALL, S.L.D.".
    B. Deleted Keynote 12.01 on the site plan between existing modular classrooms 24 and 27.
    C. Added 4'-high black vinyl-coated Chain link Fence between parking lot and EVA drop-off lane.

11. **SHEET 'A1.2 ENLARGED SITE PLAN'**
    The following drawing is hereby revised with these changes:
    A. Added 4'-high black vinyl-coated Chain link Fence between parking lot and EVA drop-off lane in lieu of "decorative fence"; location as indicated in Landscape Drawing L2.1.

12. **SHEET 'A5.1 EXTERIOR ELEVATIONS'**
    The following drawing is hereby revised with these changes:
    A. Added Cement Plaster pattern to exterior wall between gridlines C & D.

13. **SHEET 'A9.1 DOOR & WINDOW SCHEDULE'**
    The following drawing is hereby reissued with these changes:
    A. Revise Door Schedule, doors 01A, 01B, 12A, & 12B – add "FRP-FACED SMOOTH TEXTURE" to COMMENTS column.

14. **SHEET 'E0.1 ELECTRICAL ABBREVIATIONS, NOTES, & SHEET INDEX'**
    The following drawing is hereby reissued with these changes:
    A. Revised ELECTRICAL SHEET INDEX to include new sheet E1.1A.

15. **SHEET 'E1.1 ELECTRICAL SITE PLAN'**
    The following drawing is hereby reissued with these changes:
    A. Updated plan to show location of N.I.C. lunch shelter.
    B. Added callout 1/E1.1A.

16. **SHEET 'E1.1A - LUNCH SHELTER ELECTRICAL SITE PLAN & PHOTOMETRIC PLAN'**
    The following new drawing sheet is hereby issued:
    A. Added photometrics and electrical plan.
    B. Contractor shall coordinate the electrical and lighting scope with lunch shelter installer and its location and foundations.

17. **SHEET 'E7.1 ELECTRICAL PANEL AND LIGHTING SCHEDULES'**
    The following drawing is hereby reissued with these changes:
    A. Updated lighting fixture and panel schedules associated with lunch shelter lighting.

18. **SHEET 'E7.2 ELECTRICAL PANEL SCHEDULES'**
    The following drawing is hereby reissued with these changes:
    A. Updated panel schedules associated with lunch shelter electrical.

19. **SHEET 'T24.5 TITLE 24 COMPLIANCE – LUNCH SHELTER'**
    The following drawing is hereby issued:
    A. Added Title 24 Calcs to include Lunch Shelter.

1.3 PRE-BID RFIS

1. **PB 06 PREQUAL LIST UPDATE**
   Q: Preliminary courtesy pre-qual lists were uploaded to Plan Room and sent to all plan holders November 9, 2023.
   A: Additional Preliminary courtesy pre-qual lists were uploaded to Plan Room and sent to all plan holders November 17, 2023. The final official MEP pre-qual lists will be sent in the final Addendum.

2. **PB 26 OVER-EXCAVATION AT BUILDING PAD**
   Q: Plan sheet C1.1 Site Demolition, states "OVER-EXCAVATION & RECOMPACTION NOTES - #2. THE BUILDING PAD SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 12-INCHES BELOW FINISH FLOOR AND THE UPPER 12-INCHES OF SUBGRADE SHALL BE COMPACTED PER GEOTECHNICAL REPORT RECOMMENDATIONS." Since the building foundation is a 12" PCC Mat slab, and the finished floor is 12" above the pad, there would be nothing to over-excavate. Shall we bid to over-excavate the pad grade by 12", compact that over-ex sub grade, and backfill the 12" up to pad grade, while compacting?
   A: Response has been included in Addendum 4 Sheet C1.1.

3. **PB 27 OVER-EXCAVATION AT FLATWORK**
   Q: Plan sheet C1.1 Site Demolition, states "OVER-EXCAVATION & RECOMPACTION NOTES - #4. AREAS TO RECEIVE FLATWORK SHALL BE OVER-EXCAVATED TO A MINIMUM DEPTH OF 12-INCHES BELOW FINISH GRADE..." Since all concrete flatwork will be either 4" PCC/12" AB (SG is 1.33' below FG), or 6" PCC/12" AB (SG is 1.5' below FG), there is nothing to over-excavate. Shall we bid to over-excavate the concrete flatwork sub-grade areas by 12", compact that over-ex sub-grade, and backfill the 12" up to the concrete flatwork sub-grade, while compacting?
   A: Response has been included in Addendum 4 Sheet C1.1.

4. **PB 28 AC PAVING REPLACEMENT**
   Q: Plan sheet C1.1 Site Demolition, states "DEMOLITION KEY NOTES - #35 REMOVE ONLY THE AC PAVEMENT. EXISTING BASEROCK SHALL REMAIN... PRIOR TO REMOVAL CONTRACTOR SHALL VERIFY EXACT AC DEPTH FOR NEW AC PAVEMENT INSTALLATION" The new asphalt section must be the same as the existing asphalt section, which is not specified. The boring logs in the soils report states 2 areas have 1.5" of AC and one area has 2" of AC. For bidding purposes, to keep all competing bids comparable, may we bid on removing 2" of AC and replacing 2" of AC at area #35?
   A: Existing AC pavement shall be an assumed 2" remove and replace due to the varying AC pavement section across the site.

5. **PB 29 BALL WALL**
   Q: Drawing A1.1 calls out the ball wall to be CMU however landscape sheet D / L2.4 calls for it to be concrete. Please confirm which is correct.
   A: Ball Wall shall be cast-in-place concrete per Landscape drawing.

6. **PB 30 KEYNOTE 12.01**
   Q: Sheet A1.1 calls out for "12.01 - Basketball Hoop, S.L.D" between modular classrooms 24-27 and main campus in the decomposed granite area but no court is shown. Please confirm this is not correct.
   A: Refer to Landscape Drawings for all playground equipment and play courts identification, location, and configuration.

7. **PB 31 FRP DOORS SPECIFICATION**
   Q: Addendum 3, item 1.2C changes the "PNL-F-HM" door to "PNL-F-FRP" and item 1.2D changes the "PNL-N-HM" door to "PNL-N-FRP". The project manual doesn't have a spec section for FRP doors, please provide specifications for the FRP(fiberglass plastic reinforced) doors.
   A: Specification is issued in this Addendum 4.

8. **PB 32 CHAIN LINK FENCE**
   Q: Sheet L2.1 calls out for "Decorative Fence, See Architectural Drawings" in the landscaping area between the parking lot and EVA Drop Off Lane. Architectural sheet A1.2 which has all other fences called out does not mention any fencing in parking lot. Please confirm which is to be correct and update accordingly.
   A: Refer to Landscape Drawings and add 4' high black vinyl-coated chain link fence in lieu of "decorative fence". Sheet A1.2 correction is issued in this Addendum 4.

9. **PB 33 BUILDERS EXCHANGE**
   Q: Specification Section 00 11 16 - Invitation to Bid, #11, states that the contract documents will be available from 3 builders exchanges and ARC - San Carlos. However, the documents provided on these sites do not match. The project manual provided on ARC - San Carlos website is 1,642 pages in length, however the project manual provided on the builders exchange website is 1,542 pages in length. Additionally, Addendum 3 was sent out via email by ARC - San Carlos

however it is not posted to ARC Plan Room. Please confirm where bidders should procure the accurate bid and contract set of documents.

A: The version provided to the Builders Exchange is the original file. The file posted to the Website is a print ready version that is set up to print with slip sheets added for the pagination.

10. **PB 33 DOOR 17A**

Q: After revised door materials are taken into account per Addendum 3 there are only two wood door openings 09B and 17A. 09B has comment COLOR -P4, bidding as MDO primed per 08 14 16 2.02 A. 2. a. Shall 17A Custodial room also be bid as MDO primed?

A: Yes.

11. **PB 34 HARDWARE GROUPS**

Q: Hardware groups list Schlage locks with "R" FSIC core, should these be bid as "T" FSIC construction core (08 71 00 2.03 E.)? Permanent cores are listed in each group as Primus 20-740.

A: No per 08710, 2.04, 3, E, construction cores are to be Schlage E keyway.

12. **PB 35 DOORS 01A & 01B AT CURTAIN WALL SYSTEM**

Q: Openings 01A and 01B per A9.1 door schedule are door type PNL-G-AL in curtain wall frame system. A9.1 elevations for C-01 and C-02 show doors as flush door with half lite. Same is shown on A5.1 exterior elevations. Clarify if these doors are AL or if doors are to be FRP aluminum.

A: Doors 01A and 01B are specified per 08 44 00 2.05 referencing 08 Section "Aluminum-Framed Entrances". 08 41 13 2.04B specifies Kawneer Flushline. Revise 08 41 13 2.04B.3 Door Face Sheet to be "FRP-faced doors, smooth finish".

13. **PB 36 DOORS 12A & 12B AT CURTAIN WALL SYSTEM**

Q: Openings 12A and 12B per A9.1 door schedule are door type PNL-F-AL in curtain wall frame system. A9.1 elevations for S-01 and S-02 show doors as flush. Same is shown on A5.1 exterior elevations. Clarify if these doors are to be AL, or if doors are to be FRP.

A: Doors 12A and 12B are specified per 08 44 00 2.05 referencing 08 Section "Aluminum-Framed Entrances". 08 41 13 2.04B specifies Kawneer Flushline. Revise 08 41 13 2.04B.3 Door Face Sheet to be "FRP-faced doors, smooth finish".

14. **PB 37 HOLLOW METAL DOORS AT INTERIOR LOCATIONS**

Q: Shall interior doors changed to hollow metal per Addendum 3 be bid following the exterior specifications per 08 13 13? If different please clarify how doors should be bid.

A: Refer to specification section 08 13 13 for hollow metal interior doors.

15. **PB 38 DOOR FRAMES AT FRP DOORS**
    Q: Openings 03A, 06A, 13A, 15A, 09A are clarified as door material FRP per Addendum 3 1.2 Drawings 1. C. & D. Please provide specifications for FRP openings. May Special Lite manufacturer be bid?
    a. For these openings (other than 06A) confirm that frame is to be hollow metal per door schedule, or if frame is to be FRP by manufacturer.
    A: FRP door specification is issued in this Addendum 4. Door frames shall remain as hollow metal. General contractor shall decide which subcontractor provides frames.

16. **PB 39 DOOR FRAMES AT FRP DOORS**
    Q: The 6" X 15" X 3/8" Angle called out on 3 / A10.32 cannot be supplied. Would an ADC wall bracket model 1483UNI (see next page for data sheet.) be acceptable? If not, please provide alternative attachment method with common shape/size materials.
    A: Any steel fabricator should be able to bend 3/8 PL into the size shown in detail 3/A10.32. Substitution is not accepted.

17. **PB 40 CEMENT PLASTER VS ACM REVEAL**
    Q: The exterior elevations on (01/A5.1) has an area between gridlines C and D with the keynote (09.05 CEMENT PLASTER REVEAL, SEE DETAIL 04/A10.13) at an exterior wall. The area where this keynote is shown looks to be (ACM - ALUMINUM COMPOSITE MATERIAL PANELS) and is not drawn with the same texture as the other cement plaster walls. Please confirm this is meant to be plaster and not (ACM - ALUMINUM COMPOSITE MATERIAL PANELS).
    A: Exterior Elevation – North, 01/A5.1 – wall between gridlines C & D is cement plaster. Note 09.05 for cement plaster reveal is correct.

18. **PB 41 SOFFIT METAL PANELS**
    Q: Per Morin Representative; It may be wise to quote the MP-1 perforated wall panels with an option of Kynar mica standard color, otherwise it will be too costly.
    A: Kynar mica (70% PVDF coating required) standard color warm gray is an acceptable finish for MP-1. Color will be selected upon review of color chip samples.

19. **PB 42 SOLAR PANEL SCOPE**
    Q: Please confirm there are no solar panels for the project. Solar Panels are shown at the playground L2.1 and on the structure's roof, ref A4.1 and E2.2. But the one of the roof appears to indicate that is just a "SOLAR READY" system. No spec appears to exist. Summary of Work 01 11 00 section 1.6 indicates work by others.
    A: Confirmed. There are no solar panels for this project.

20. **PB 43 BID ALTERNATES**
    Q: Please list all desired alternates and or allowances.

A: All bid alternates were deleted and added to the base bid. Include all scope under the base bid. Allowances are listed in the Bid Form 00 41 13 - $500K allowance for unforeseen site conditions.

21. **PB 44 BOULDER SIZES**
    Q: Please confirm that all [52] the owner-provided boulders are about the same size and require the use of equipment to install. None can be installed without the use of equipment. No dimensions are provided on L2.3.
    A: Quantity of boulders reduced to (30) in Addendum #2. The boulders will range in size from 24"x24"x24" to 48"x48"x48".

22. **PB 45 EXISTING SYSTEMS**
    Q: Please provide the brands of all existing systems for connectivity: security, fire alarm, controls, etc.
    A: See Pre-Bid Conference Agenda #5 single-source items list.

23. **PB 46 CRANE SETUP**
    Q: For the logistics part of the job; Where would the area be for construction parking, Crane set up location?
    A: See Temporary fencing and phasing diagrams for areas available to the contractor. Construction parking is not allowed on school parking lots. Construction staff parking can be on construction site per contractor discretion and in the neighborhood streets.

24. **PB 47 BIKE RACKS**
    Q: Ref A/L2.4 Please confirm the bike racks are square tubing. The model number SG does not exist. It might be SQ?
    A: Rack to have square tubing. Model number to be "SQ" instead of "SG".

25. **PB 48 RAISED PLANTERS**
    Q: A) Confirm raised wood planters are not to be irrigated.
    B) Provide detail for the 3 wood planters on structure at modular classrooms
    A: A) Wood planters are not to be irrigated. Students will use nearby hose bibs to hand-water.
    B) Wood planters are all to be built per detail E/L4.3 regardless of adjacent ground plane material.

26. **PB 49 BOULDER STOCKPILE**
    Q: Please provide logistics plan indicating soil and boulder stockpiles, laydown, parking, etc…
    A: See Temporary fencing and phasing diagrams for areas available to the contractor. Construction parking is not allowed on school parking lots. Construction staff parking can be on construction site per contractor discretion and in the neighborhood streets. The field and southeast corner is within the temporary fencing. Contractor to coordinate logistics of stockpiles and laydown within available area. Proposed additional/potential area is identified on C6.1, however,

would need District approval. Coordinate with District and secure area with temporary fencing for student safety.

27. **PB 50 BIORETENTION FILL**
    Q: Please add specific fill details for the raised (Tournesol) Flow Through Planters. Specifications describe bioretention on grade
    A: Bioretention media is still to be L.H. Voss "Lennox Blend" bioretention soil as per the specification.

28. **PB 51 LIME TREATED SOIL**
    Q: Please confirm the intent is for all lime treated soil to be removed and replaced with topsoil as part of demolition and rough grading operations
    A: Lime treated soils should be removed from all planting areas before the soil can be used for planting. Means & Methods will dictate which sub-contractor removes it at what time.

29. **PB 52 SUBGRADE ELEVATIONS**
    Q: Confirm landscaper will receive site at subgrade elevations (-12") of finish grade
    A: General contractor shall coordinate and determine what the landscaper will receive. Note: specification 32 90 00 does allow the re-installation of on-site topsoil (such as in the existing field) if it is stripped and stockpiled. Not all planting areas must use imported topsoil.

30. **PB 54 ON-SITE TOPSOIL STOCKPILE**
    Q: Please provide quantities for bid purposes per 32 90 00, 2.5
    A) Quantity of on-site topsoil stockpiled
    B) Import planting soil required when quantities of stockpiled on-site topsoil are insufficient.
    A: Contractor to coordinate logistics of stockpiles and laydown within available area. Proposed additional/potential area is identified on C6.1, however, would need District approval. Coordinate with District and secure area with temporary fencing for student safety.

31. **PB 55 FOLDING DOORS**
    Q: Regarding Folding Doors Along Wall C-01, Floorplan Page A2.1 & Door Schedule A9.1 DETAIL 9: - Please verify that outswing is correct orientation, with no egress door panel . (all 8 folded panels stacked to left/ protruding to outside of structure, not inside)
    A: No egress door panel; outswing vs. inswing will be reviewed in submittal.

32. **PB 56 PAVING COORDINATION OUTSIDE MPR KITCHEN**
    Q: On Sheet C2.1 and on sheet L2.1 at the area in front of the new MPR Building kitchen, the pattern for Decomposed Granite is shown however the keynote callouts on both of these sheets are for concrete paving at this location. Please confirm which paving will be required for this area and update accordingly.

A: The "cross" hatch shown in front of the new MPR Building kitchen on sheet L2.1 should be keyed to the legend on sheet L2.2. The "cross" hatch shown on sheet L4.1 should be keyed to the legend on sheet L4.2. On sheets L2.1 and L2.2 it denotes "Concrete Paving Type 'C' but on sheets L4.1 and 4.2 that hatch denotes "Decomposed Granite Paving". The hatch for the "Decomposed Granite Paving" has been removed from sheet L2.1 for graphic clarity.

33. **PB 57 FUTURE SHADE STRUCTURE**

Q: Please confirm the shade structure (including foundation) marked future will be a separate project.

A: Coordination with the shade structure and foundation (separate) contractor will be required. Site prep, concrete flatwork under the new shade structure, and electrical/lighting will be required by the MPR contractor.

1.4 SUBSTITUTION REQUESTS

1. **07 42 93 SOFFIT PANELS**
   A. Morin Primo PSR-12 is an acceptable substitution for the MBCI metal panels.

2. **07 54 19.20 SINGLE-PLY PVCROOFING – FULLY ADHERED**
   A. Carlisle Sure-Flex PVC FRS FleeceBack is an acceptable substitution for the specified PVC roofing.

3. **11 61 43 STAGE CURTAINS**
   A. Requested consideration and re-review of the curtain track components: iWeiss is an acceptable substitution for the specified hardware, rigging, and curtain tracks.

Attachments:

Spec Sections 08 16 13

Drawing sheets C1.1, C2.1, C3.1, C3.2, C6.1, L1.1, L2.1, L2.2, A1.1, A9.1, E0.1, E1.1, E1.1A, E7.1, E7.2, T24.5

End of Addendum

4

SECTION 08 16 13 - FIBERGLASS DOORS

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes fiberglass doors.

B. Related Sections:
1. Section 08 12 13 "Hollow Metal Frames" for fiberglass doors scheduled for installation in hollow metal frames.

1.02 ACTION SUBMITTALS

A. Product Data: For each type of product.
1. Include construction details, material descriptions, and fabrication methods, dimensions of individual components and profiles, hardware, and finishes for fiberglass doors .

B. Shop Drawings: For fiberglass doors .
1. Include plans, elevations, sections, operational clearances, and details of installation, including anchor, flashing, and sealant installation.

C. Samples: For each exposed product and for each color specified, 2 by 4 inches in size.

D. Samples for Initial Selection: For units with factory-applied finishes.
1. Exposed Finishes: 2 by 4 inches.

E. Product Schedule: For fiberglass doors. Use same designations indicated on Drawings.

1.03 INFORMATIONAL SUBMITTALS

A. Sample Warranties: For manufacturer's warranties.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: A manufacturer capable of fabricating fiberglass doors that meet or exceed performance requirements indicated and of documenting this performance by test reports and calculations.

1.05 WARRANTY

A. Manufacturer's Warranty: Manufacturer agrees to repair or replace fiberglass doors that fail in materials or workmanship within specified warranty period.
1. Failures include, but are not limited to, the following:
a. Failure to meet performance requirements.
b. Structural failures including excessive deflection, water leakage, and air infiltration.
c. Facer delamination.

d. Deterioration of materials and finishes beyond normal weathering.

2. Warranty Period:
   a. Doors: Life-of-Original-Installation.
   b. Finish: 3 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Source Limitations: Obtain fiberglass doors from single source from single manufacturer.

2.02 FIBERGLASS DOORS

A. Basis-of-Design Product: Subject to compliance with requirements, provide Model AF-200 by Special-Lite; or a comparable product by an approved manufacturer.

B. Doors : Fiberglass skins bonded to fiberglass stiles and rails , finished with manufacturer's standard polyurethane coating.
   1. Doors:
      a. Thickness: 1-3/4 inches.
      b. Stiles and Rails: 1-1/2-inch pultruded fiberglass tubes.
      c. Edge Bevel: Provide manufacturer's standard beveled or square edges.
      d. Core: Manufacturer's standard.
      e. Facer: Fiberglass sheet, minimum thickness of 0.090 inch.
      f. Edge Construction: Seamless and watertight.
      g. Reinforcement: Solid fiberglass block.
   2. Exposed Finish:
      a. Exterior Color: Custom color as directed by Architect.
      b. Interior Finish: Matching exterior color and finish.
      c. Sheen: As selected by Architect.

C. Glazing System: Manufacturer's standard factory-glazing system that produces weathertight seal.

2.03 FABRICATION

A. Fabricate fiberglass doors in sizes indicated.

B. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation. Allow for scribing, trimming, and fitting at Project site.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install doors plumb, rigid, properly aligned, and securely fastened in place. Comply with manufacturer's written instructions.

B. Fiberglass Doors: Fit and adjust doors accurately in frames, within clearances specified below.
   1. Non-Fire-Rated Doors: Comply with manufacturer's instructions.

3.02 REPAIR

A. Factory-Finish Touchup: Clean abraded areas and repair with same material used for factory finish according to manufacturer's written instructions.

END OF SECTION

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OVER-EXCAVATION & RECOMPACTION NOTES

1. THE SITE SHOULD BE CLEARED OF THE EXISTING STRUCTURE, VEGETATION, ORGANIC TOPSOIL, DEBRIS, UNDOCUMENTED LOOSE OR SOFT FILL, AND OTHER DELETERIOUS MATERIALS. CONSTRUCTION AREAS SHALL BE EXCAVATED TO SUBGRADE ELEVATION.
2. THE UPPER 12-INCHES OF SUBGRADE BELOW THE BUILDING PAD SECTION SHALL BE OVER-EXCAVATED, MOISTURE CONDITIONED, AND COMPACTED PER GEOTECHNICAL REPORT RECOMMENDATIONS. (4)
3. ALL EXISTING ASPHALT CONCRETE PAVEMENTS WITHIN THE SITE IMPROVEMENT AREA SHALL BE REMOVED AND DISPOSED OF OFF-SITE AND NOT MIXED WITH ON-SITE SOILS TO BE REUSED AS ENGINEERED FILL BELOW THE BUILDING.
4. AREAS TO RECEIVE FLATWORK SHALL BE EXCAVATED TO THE REQUIRED SUBGRADE ELEVATION. THE UPPER 12-INCHES OF SUBGRADE SHALL BE OVER-EXCAVATED AND PROCESSED SUCH THAT THE MOISTURE CONTENT MEETS THE REQUIREMENTS OF THE GEOTECHNICAL REPORT AND COMPACTED TO AT LEAST 90% RELATIVE COMPACTION. SUBGRADE SHALL BE PROOF ROLLED TO PROVIDE A SMOOTH, FIRM NON-YIELDING SURFACE. ANY LOOSE SOIL SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL. BAY MUD SHALL NOT BE USED AS FILL. (4)
5. THE GEOTECHNICAL ENGINEERS'S REPRESENT SHOULD OBSERVE AND CONFIRM THE ADEQUACY OF SITE CLEARING OPERATIONS DURING CONSTRUCTION PRIOR TO ENGINEERED FILL PLACEMENT.
6. ON-SITE SOILS HAVING AN ORGANIC CONTENT OF LESS THAN 3-PERCENT BY WEIGHT AND FREE OF ROCKS OR LUMPS GREATER THAN 6-INCHES IN GREATEST DIMENSION WITH NO MORE THAN 15-PERCENT LARGER THAN 2.5-INCHES CAN BE REUSED AS GENERAL BACKFILL AND STOCK PILED ONSITE AS APPROVED BY THE GEOTECHNICAL ENGINEER. BAY MUD SHALL NOT BE USED AS FILL.
7. LOCAL DEWATERING OF THE FOUNDATION AND UTILITY TRENCH EXCAVATIONS MAY BE REQUIRED DUE TO SHALLOW GROUNDWATER CONDITIONS. CONTRACTOR SHALL PROVIDE ALL NECESSARY TOOLS, EQUIPMENT, AND LABOR FOR DEWATERING NO MATTER THE SOURCE. DEWATERING SHALL BE CONTINUOUS UNTIL ALL SITE UTILITIES ARE INSTALLED AND BACKFILLED. CONTRACTOR SHALL PROVIDE DEWATERING AS NECESSARY NO MATTER THE SOURCE AND AT NO COST TO THE OWNER. CONTRACTOR SHALL VERIFY WITH REGIONAL WATER CONTROL BOARD IF DEWATERING IS REQUIRED BEFORE THE START OF CONSTRUCTION.
8. UTILITY TRENCH EXCAVATIONS WHICH BOTTOM IN BAY MUD SHOULD BE OVEREXCAVATED AT LEAST 12 INCHES. THE BOTTOM OF THE OVEREXCAVATION SHOULD BE LINED WITH STABILIZING FABRIC (MIRAFI 500X OR EQUIVALENT) AND SHOULD BE BACKFILLED WITH ¾-INCH CLEAN CRUSHED ROCK IN ORDER TO PROVIDE A STABLE TRENCH BOTTOM PRIOR TO PIPE PLACEMENT. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

ABBREVIATIONS

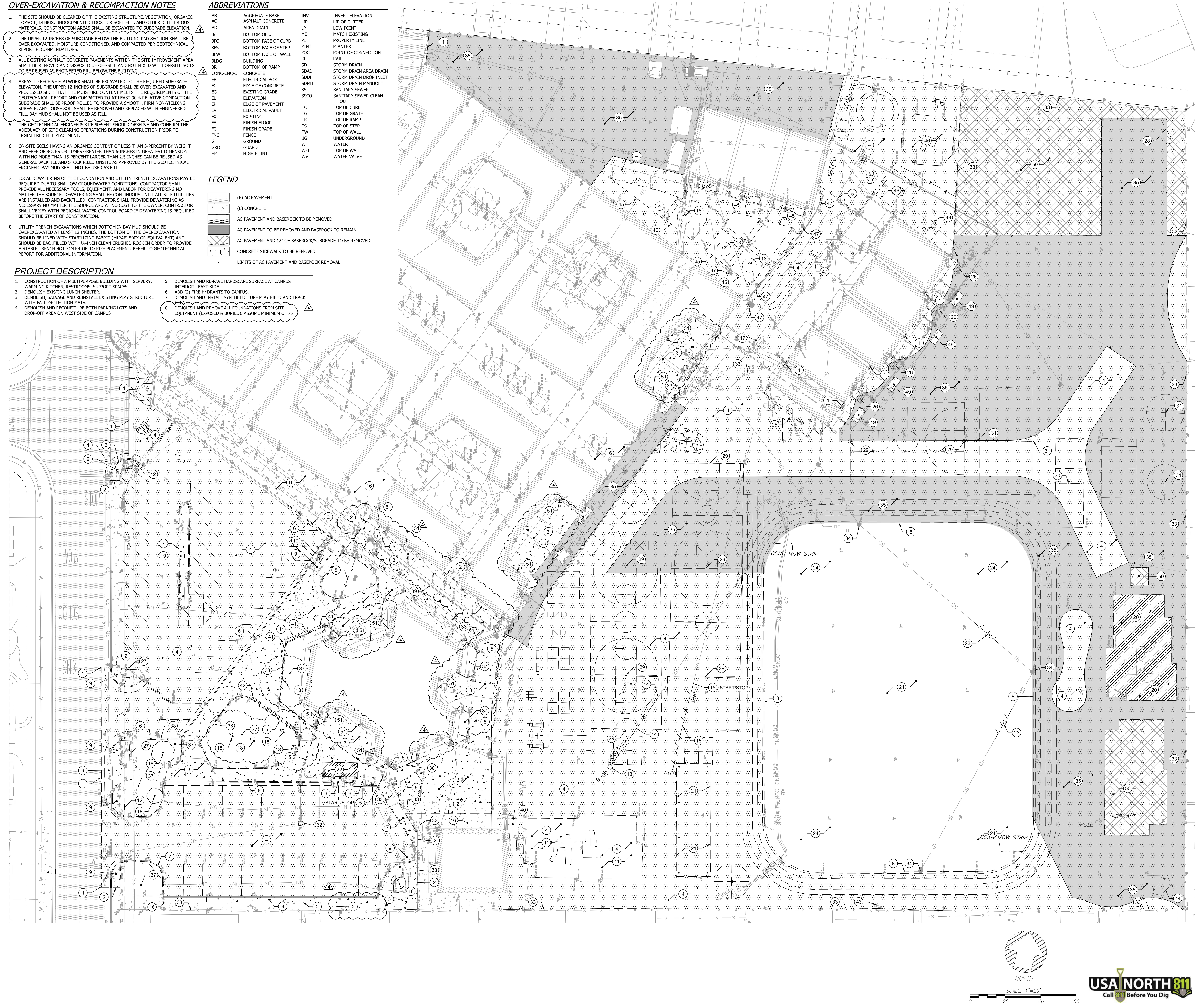
AB	AGGREGATE BASE	INV	INVERT ELEVATION
AC	ASPHALT CONCRETE	LIP	LIP OF GUTTER
AD	AREA DRAIN	LP	LOW POINT
B/	BOTTOM OF ...	ME	MATCH EXISTING
BFC	BOTTOM FACE OF CURB	PL	PROPERTY LINE
BFS	BOTTOM FACE OF STEP	PLNT	PLANTER
BFW	BOTTOM FACE OF WALL	POC	POINT OF CONNECTION
BLDG	BUILDING	RL	RAIL
BR	BOTTOM OF RAMP	SD	STORM DRAIN
CONC/CNC/C	CONCRETE	SDAD	STORM DRAIN AREA DRAIN
EB	ELECTRICAL BOX	SDDI	STORM DRAIN DROP INLET
EC	EDGE OF CONCRETE	SDMH	STORM DRAIN MANHOLE
EG	EXISTING GRADE	SS	SANITARY SEWER
EL	ELEVATION	SSCO	SANITARY SEWER CLEAN OUT
EP	EDGE OF PAVEMENT	TC	TOP OF CURB
EV	ELECTRICAL VAULT	TG	TOP OF GRATE
EX.	EXISTING	TR	TOP OF RAMP
FF	FINISH FLOOR	TS	TOP OF STEP
FG	FINISH GRADE	TW	TOP OF WALL
FNC	FENCE	UG	UNDERGROUND
G	GROUND	W	WATER
GRD	GUARD	W-T	TOP OF WALL
HP	HIGH POINT	WV	WATER VALVE

LEGEND

- (E) AC PAVEMENT
- (E) CONCRETE
- AC PAVEMENT AND BASEROCK TO BE REMOVED
- AC PAVEMENT TO BE REMOVED AND BASEROCK TO REMAIN
- AC PAVEMENT AND 12" OF BASEROCK/SUBGRADE TO BE REMOVED
- CONCRETE SIDEWALK TO BE REMOVED
- LIMITS OF AC PAVEMENT AND BASEROCK REMOVAL

PROJECT DESCRIPTION

1. CONSTRUCTION OF A MULTIPURPOSE BUILDING WITH SERVERY, WARMING KITCHEN, RESTROOMS, SUPPORT SPACES.
2. DEMOLISH EXISTING LUNCH SHELTER.
3. DEMOLISH, SALVAGE AND REINSTALL EXISTING PLAY STRUCTURE WITH FALL PROTECTION MATS.
4. DEMOLISH AND RECONFIGURE BOTH PARKING LOTS AND DROP-OFF AREA ON WEST SIDE OF CAMPUS
5. DEMOLISH AND RE-PAVE HARDSCAPE SURFACE AT CAMPUS INTERIOR - EAST SIDE.
6. ADD (2) FIRE HYDRANTS TO CAMPUS.
7. DEMOLISH AND INSTALL SYNTHETIC TURF PLAY FIELD AND TRACK ~~AREA~~
8. DEMOLISH AND REMOVE ALL FOUNDATIONS FROM SITE EQUIPMENT (EXPOSED & BURIED). ASSUME MINIMUM OF 75 (4)



AGENCY APPROVAL:

DSA # 01-120306
FILE # 41-26

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM #1	08.11.2023
2	ADDENDUM #2	11.03.2023
3	ADDENDUM #4	11.21.2023

KEYNOTES

DEMOLITION KEY NOTES (X)

1. SAWCUT EX. AC PAVEMENT
2. SAWCUT EX. CONCRETE
3. REMOVE EX. CONCRETE
4. REMOVE EX. AC PAVEMENT AND BASEROCK
5. REMOVE EX. FENCE, GATE, AND ASSOCIATED FOOTINGS
6. REMOVE EX. CONCRETE CURB & GUTTER
7. REMOVE EX. CONCRETE VERTICAL CURB
8. REMOVE EX. FLUSH CURB
9. REMOVE EX. CONCRETE CURB RAMP
10. REMOVE EX. TRUNCATED DOMES
11. REMOVE EX. PLAY MAT AND STRUCTURE. REFER TO LANDSCAPE PLANS FOR EXISTING PLAY STRUCTURE RELOCATION
12. REMOVE EX. SIGN
13. REMOVE EXISTING STORM DRAIN INLET
14. REMOVE EXISTING STORM DRAIN PIPE
15. REMOVE PORTION OF EXISTING UNKNOWN UTILITY
16. EXISTING CONCRETE SIDEWALK TO REMAIN IN PLACE
17. REMOVE EXISTING CONCRETE DRIVEWAY
18. REMOVE EXISTING TREE - TOTAL OF 11
19. REMOVE EXISTING FLAG POLE AND FOOTING
20. REMOVE EXISTING PLAY SURFACING, AC PAVEMENT, AND 12-INCHES OF BASEROCK/SUBGRADE BELOW AC PAVEMENT. EXISTING PLAY STRUCTURE ~~IS TO BE PROTECTED AND REMAIN IN PLACE~~
21. REMOVE EXISTING SHADE STRUCTURE AND ASSOCIATED FOUNDATION
22. ~~RELOCATE EXISTING STORAGE CONTAINER WITHIN SITE, COORDINATE~~ LOCATION WITH OWNER
23. REMOVE PORTION OF EXISTING COLLAPSED STORM DRAIN PIPE. CONTRACTOR SHALL POT HOLE TO VERIFY EXACT AMOUNT OF PIPE THAT NEEDS TO BE REPLACED
24. REMOVE EXISTING TURF
25. REMOVE AND SALVAGE EXISTING RAMP FOR REINSTALLATION
26. REMOVE EXISTING WOOD STAIRS
27. REMOVE EXISTING SCHOOL SIGNAGE AND FOUNDATION
28. REMOVE EXISTING CHAINLINK BACKSTOP
29. REMOVE EXISTING BASKETBALL HOOP, POLE, AND FOOTING
30. REMOVE EXISTING BALL WALL AND ASSOCIATED FOUNDATION
31. REMOVE EXISTING POSTS AND ASSOCIATED FOOTING
32. EXISTING STORM DRAIN RIM ELEVATION TO BE RAISED 6-INCHES
33. EXISTING FENCE AND GATE TO REMAIN IN PLACE
34. ADJUST EXISTING STORM DRAIN RIM ELEVATION. SEE SHEET C3.1 FOR NEW RIM ELEVATION
35. REMOVE ONLY THE AC PAVEMENT. EXISTING BASEROCK SHALL REMAIN, BUT BE PROOF ROLLED TO 90% RELATIVE COMPACTION. PRIOR TO REMOVAL CONTRACTOR SHALL VERIFY EXACT AC DEPTH FOR NEW AC PAVEMENT INSTALLATION
36. EXISTING PLANTER TO REMAIN IN PLACE
37. REMOVE EXISTING LANDSCAPING AND ASSOCIATED IRRIGATION SYSTEM
38. REMOVE EXISTING WOOD POST AND RAIL FENCE AND ASSOCIATED FOOTINGS
39. EXISTING TRENCH DRAIN TO REMAIN IN PLACE
40. REMOVE EXISTING RAMP
41. REMOVE EXISTING BENCH
42. REMOVE EXISTING BIKE RACK
43. REMOVE EXISTING UTILITY POLE. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER FOR REMOVAL
44. REMOVE EXISTING BACKSTOP AND FOOTING
45. REMOVE EXISTING PLANTER AREA AND ASSOCIATED WALLS
46. REMOVE EXISTING PLAY STRUCTURE AND SAFETY MAT
47. EXISTING UTILITY BOX RIM TO BE ADJUSTED TO FINISH GRADE
48. REMOVE EXISTING SHED. COORDINATE WITH DISTRICT ON RELOCATION
49. REMOVE AC PAVEMENT AND BASEROCK FOR INSTALLATION OF PLANTER BOX
50. REMOVE EXISTING AC PAVEMENT AND A MINIMUM OF 12-INCHES OF ~~BASEROCK/SUBGRADE BELOW AC PAVEMENT~~ (4)
51. REMOVE EXISTING DOOR THRESHOLD

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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
EXISTING SITE & DEMOLITION PLAN

ADDENDUM 4

FILE NO.: 41-26 **A NO.: 01-120306**

DATE: **06/10/2022** CLIENT PROJ NO: **1002.02**

SHEET:

C1.1

PLEASE RECYCLE

IMPROVEMENT KEY NOTES (X)

1. MATCH AC PAVEMENT AT SAWCUT LINE
2. MATCH CONCRETE AT SAWCUT LINE
3. CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR REQUIREMENTS
4. STANDARD AC PAVING (SEE DETAIL 1, SHEET C5.1)
5. HEAVY DUTY AC PAVING WITHIN EVA LANE LIMITS (SEE DETAIL 2, SHEET C5.1)
6. CURB OPENING AT INLET FOR OVERFLOW BYPASS. TOP OF CURB SHALL BE MINIMUM 1-1/2" ABOVE FLOWLINE. SEE SHEET C3.1 FOR ELEVATIONS
7. CONCRETE VERTICAL CURB (SEE DETAIL 7, SHEET C5.1)
8. CONCRETE FLUSH CURB (SEE DETAIL 7, SHEET C5.1)
9. MODIFIED CONCRETE CURB & GUTTER TO SPILL INTO FILTERRA BIOSCAPE
10. CONCRETE CURB & GUTTER (SEE DETAIL 7, SHEET C5.1)
11. CONCRETE VALLEY GUTTER (SEE DETAIL 7, SHEET C5.1)
12. CONCRETE CURB RAMP
13. TRUNCATED DOMES (SEE DETAIL 5, SHEET C5.1)
14. CONCRETE WHEELS TOP - TOTAL OF 26 (SEE DETAIL 9, SHEET C5.1)
15. MODIFIED CONCRETE ROLLED CURB (SEE DETAIL 7, SHEET C5.1)
16. FILTERRA BIOSCAPE - SEE SHEET C4.1 FOR ADDITIONAL INFORMATION
17. PLAY STRUCTURE WITH SAFETY SURFACING (SEE LANDSCAPE PLANS)
18. TOURNESOL FLOWTHROUGH PLANTER, MODELS WFT-484842 & WFT-964842 (SEE SHEET C5.4 FOR DETAILS)
19. MARQUEE SIGN (SEE LANDSCAPE AND ELECTRICAL PLANS)
20. ACCESSIBLE DROP-OFF (40' LONG BY 5' WIDE MINIMUM)
21. ACCESSIBLE PARKING STALL
22. VAN ACCESSIBLE PARKING STALL
23. FUTURE ELECTRIC VEHICLE CHARGING STATION (EVCS). CHARGER TO BE INSTALLED AT A LATER DATE
24. FUTURE VAN ACCESSIBLE ELECTRIC VEHICLE CHARGING STATION (EVCS). CHARGER TO BE INSTALLED AT A LATER DATE
25. SYNTHETIC TURF. SEE LANDSCAPE PLANS FOR MATERIALS AND LAYOUT
26. ACCESSIBLE PARKING SIGN (SEE DETAIL 11, SHEET C5.1)
27. VAN ACCESSIBLE PARKING SIGN (SEE DETAIL 11, SHEET C5.1)
28. LEFT TURN ONLY SIGN - MUTCD R3-5 (MOUNT PER DETAIL 11, SHEET C5.1)
29. STOP SIGN - MUTCD R1-1 (MOUNT PER DETAIL 11, SHEET C5.1)
30. ENTRANCE ONLY SIGN (MOUNT PER DETAIL 11, SHEET C5.1)
31. EXIT ONLY SIGN (MOUNT PER DETAIL 11, SHEET C5.1)
32. FLARE CURB AT INLET
33. RIGHT TURN ONLY SIGN
34. VEHICULAR CONCRETE WITHIN EVA LANE (SEE DETAIL 4, SHEET C5.1)
35. REINSTALL EXISTING RAMP
36. TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS)
37. MATCH AC PAVING AT EDGE OF EXISTING CONCRETE EDGE
38. TAPER MODIFIED ROLLED CURB TO VERTICAL CURB (SEE DETAIL 6, SHEET C5.1)
39. CONCRETE THICKENED EDGE (SEE LANDSCAPE PLANS)
40. PLANTER CURB (SEE LANDSCAPE PLANS)
41. BIKE RACKS (SEE LANDSCAPE PLANS)
42. UNAUTHORIZED PARKING SIGN (SEE DETAIL 12, SHEET C5.1)
43. CLEAR FLOOR SPACE (30"X48") FOR FUTURE EV CHARGER
44. VEHICLE PULL-UP SPACE (20' LONG AND 8' WIDE MINIMUM)
45. EXISTING FENCE AND GATE
46. CHAN LINK FENCE (SEE ARCHITECTURAL PLANS)
47. FUTURE EV CHARGER LOCATION
48. PREFAB RAMP AT 1:12 SLOPE
49. AC PAVEMENT TO MATCH EXISTING THICKNESS AND ELEVATIONS. EXISTING BASEROCK SHALL BE PROOF ROLLED TO 90% RELATIVE COMPACTION
50. HEADER BOARD AT EDGE OF AC PAVEMENT (SEE DETAIL 13, SHEET C5.1)
51. 12" SECTION OF AMENDED SOIL/MULCH (SEE LANDSCAPE PLANS)
52. 12" THICK CONCRETE WALL WITH GUARDRAIL (SEE LANDSCAPE PLANS)
53. CONCRETE STAIRS WITH HANDRAIL (SEE LANDSCAPE PLANS)
54. CONCRETE RAMP WITH HANDRAILS (SEE LANDSCAPE PLANS)
55. DECOMPOSED GRANITE (SEE LANDSCAPE PLANS)
56. ELEVATED SEATING (SEE LANDSCAPE PLANS)
57. CONCRETE SEATWALL (SEE LANDSCAPE PLANS)
58. PREFAB STAIRS. CONTRACTOR SHALL COORDINATE WITH DISTRICT AND EXISTING PORTABLE MANUFACTURER FOR INSTALLATION
59. PV PANEL TO BE INSTALLED BY DISTRICT. CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR INSTALLATION
60. SHADE STRUCTURE. CONTRACTOR SHALL COORDINATE WITH ~~DISTRICT ON INSTALLATION~~ (4)
61. DOOR THRESHOLD (SEE DETAIL 1, SHEET A10.21)
62. ORNAMENTAL FENCE AND GATE (SEE ARCHITECTURAL PLANS)

STRIPING KEY NOTES (X)

1. 3" WIDE WHITE STRIP
2. 3" WIDE BLUE STRIPE
3. 36"x36" ISA SYMBOL (SEE DETAIL 10, SHEET C5.1)
4. PAINT THE WORDS "NO PARKING" IN WHITE. MINIMUM 12" IN HEIGHT AND 1.5" WIDE
5. 3" WIDE BLUE BORDER 3" WIDE DIAGONAL WHITE STRIPES EVERY 36" O.C. ON THE INTERIOR
6. 3" WIDE YELLOW STRIP WITH 3" WIDE DIAGONAL YELLOW STRIPES EVERY 36" O.C. ON THE INTERIOR
7. N/A
8. PAINT THE WORDS "FIRE LANE - NO PASSENGER LOADING" IN WHITE. MINIMUM 12" IN HEIGHT AND 1.5" WIDE
9. PAINT THE CURB RED
10. DIRECTIONAL ARROW
11. PAINT THE WORD "STOP" PER CALTRANS STANDARD PLAN A24D
12. 3" WIDE WHITE DIAGONAL WHITE STRIPE EVERY 36" O.C.
13. 12" WIDE WHITE STRIPE
14. PAINT THE WORD "COMPACT" IN WHITE. MINIMUM 12" IN HEIGHT AND 1.5" WIDE

PARKING STALL COUNT

STANDARD PARKING STALL:	42
ACCESSIBLE PARKING STALL:	1
VAN ACCESSIBLE PARKING STALL:	1
FUTURE EVCS:	3
FUTURE VAN ACCESSIBLE EVCS:	1
TOTAL:	48

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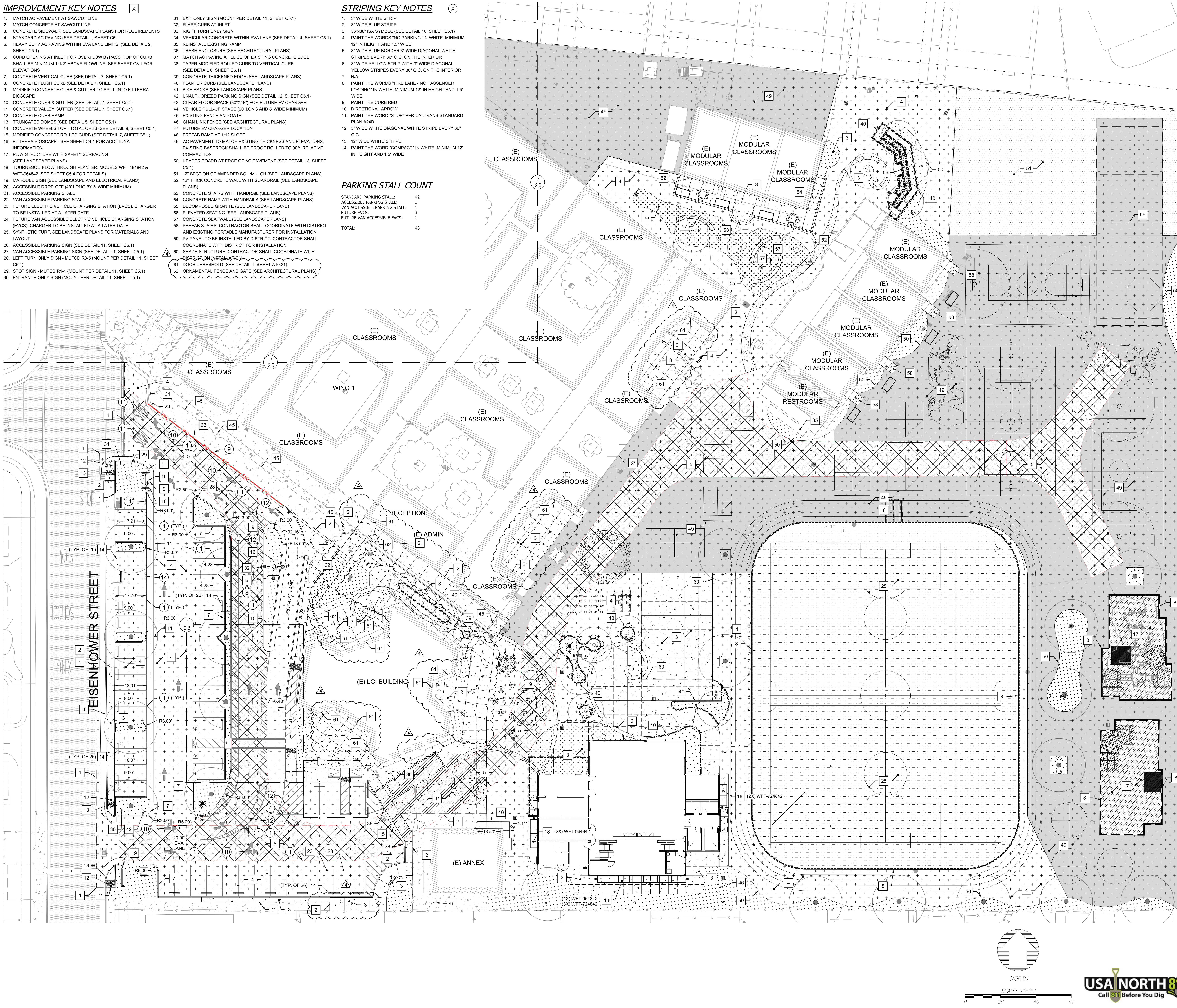

AGENCY APPROVAL:

DSA # 01-120306
FILE # 41-26

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1	ADDENDUM #1	08.11.2023
2	ADDENDUM #2	11.03.2023
3	ADDENDUM #4	11.21.2023

KEYNOTES

LEGEND

- (E) AC PAVEMENT
- (E) CONCRETE
- STANDARD AC PAVEMENT
- REPLACEMENT OF ONLY AC PAVEMENT
- HEAVY DUTY AC PAVEMENT
- SYNTHETIC TURF (SEE LANDSCAPE PLANS)
- SAFETY SURFACING (SEE LANDSCAPE PLANS)
- DECOMPOSED GRANITE (SEE LANDSCAPE PLANS)
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
- STORM DRAIN DROP INLET
- STORM DRAIN AREA DRAIN
- SIGN

CURBING AND MISC ITEMS

- MATCHLINE
- EVA LANE
- CONCRETE VERTICAL CURB
- CONCRETE FLUSH CURB
- CONCRETE CURB & GUTTER
- X.XX' DIMENSION

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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
SITE IMPROVEMENT PLAN

ADDENDUM 4

FILE NO.: 41-26 **A NO.: 01-120306**

DATE: **06/10/2022** CLIENT PROJ NO: **1002.02**

SHEET:

C2.1

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PLEASE RECYCLE

GENERAL GRADING NOTES

1. SURFACE VEGETATION PRESENT AT THE TIME OF CONSTRUCTION SHOULD BE STRIPPED TOGETHER WITH ORGANIC LADEN TOPSOIL. THE ACTUAL DEPTH SHOULD BE DETERMINED BY THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION. FOR PLANNIG PURPOSES THE AVERAGE DEPTH MAY BE ASSUMED TO BE 3-INCHES IN VEGETATED AREAS.
2. ALL MATERIAL TO BE USED AS FILL WITHIN BUILDING PAD AREA & PARKING OR DRIVEWAY AREAS TO BE FREE OF ALL VEGETATION & FOREIGN MATTER AND SHALL BE APPROVED BY THE SOILS ENGINEER.
3. THESE SOILS WILL NEED TO BE PROCESSED; MOISTURE CONDITIONED AND RECOMPACTED AS ENGINEERED FILL. AT A MINIMUM, SUBGRADE SHOULD BE SACRIFIED TO A DEPTH OF 12-INCHES; MOISTURE CONDITIONED AND RECOMPACTED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
4. BUILDING PAD TO BE LEVEL SIDE-TO-SIDE, FRONT-TO-REAR, UNLESS OTHERWISE SHOWN.
5. STRIPPINGS MAY BE PLACED IN PLANTING AREAS; ALL EXCESS STRIPPING SHALL BE HAULED OFF. PAVING DEBRIS SHALL BE HAULED OFF TO AN APPROVED DISPOSAL SITE.
6. ALL WORK SHOWN OR NOTED IN THESE PLANS SHALL BE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER, ALL LOCAL, STATE AND FEDERAL MINIMUM STANDARDS AND THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
7. CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS NOT IDENTIFIED FOR REMOVAL DURING CONSTRUCTION. THEY SHALL REPAIR ANY DAMAGE TO NEW CONDITION AT THEIR EXPENSE.
8. VERIFY ALL EXISTING SITE CONDITIONS, SITE DIMENSIONS AND GRADES PRIOR TO THE START OF CONSTRUCTION.
9. ALL GRADING AND RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THE PROJECT.
10. GRADING SLOPES FOR BOTH CUT AND FILL SHALL NOT EXCEED 2(H):1(V) UNLESS OTHERWISE DIRECTED BY THE GEOTECHNICAL ENGINEER.
11. ALL SOFTSCAPE GRADES ADJACENT TO NEW BUILDINGS SHALL BE 8" (MIN.) BELOW FINISH FLOOR.
12. CONTRACTOR SHALL GRADE TO ENSURE DRAINAGE FLOWS AWAY FROM (N) BUILDINGS.
13. AFTER THE NEW CONSTRUCTION AREAS HAVE BEEN CLEARED, STRIPPED AND EXCAVATED TO THE REQUIRED GRADE, THE EXPOSED SOIL SHALL BE MOISTURE CONDITIONED AND RECOMPACTED. THE UPPER 12-INCHES OF THE EXPOSED SUBGRADE SHOULD BE PROCESSES SUCH THAT THE MOISTURE REACHES THE APPROXIMATE LABORATORY ESTABLISHED OPTIMUM MOISTURE CONTENT, AND THEN COMPACTED TO AT LEAST 90-PERCENT RELATIVE COMPACTION AS DETERMINED BY ASTM TEST DESIGNATION D1557. THE MOISTURE CONDITIONING PROCESS SHOULD BE OBSERVED BY THE GEOTECH REPRESENTATIVE.
14. ANY LOOSE SOIL SHALL BE REMOVED AND REPLACED AS PROPERLY ENGINEERED FILL.
15. PRIOR TO SLAB-ON-GRADE FINAL PREPARATION ,THE SLAB SUBGRADE SHALL BE CHECKED TO DETERMINE THAT THE UPPER 12-INCHES OF SUBGRADE SOIL IS AT OPTIMUM MOISTURE CONTENT OR ABOVE AND PROOF-ROLLED TO PROVIDE FIRM, UNIFORM SUPPORT.
16. IN ORDER TO PROVIDE SUITABLE SUPPORT FOR LIGHTLY LOADED CONVENTIONAL SPREAD FOOTING FOUNDATIONS SUPPORTING THE PLANNED SITE FURNISHINGS, THE EXISTING SOILS BENEATH THE FOOTINGS SHALL BE OVEREXCAVATED TO A DEPTH OF 18-INCHES BELOW THE BOTTOMS OF FOOTINGS AND REPLACED WITH VIRGIN (NON-RECYCLED) CLASS 2 AGGREGATE BASEROCK COMPACTED TO AT LEAST 90-PERCENT RELATIVE COMPACTION
17. EXTERIOR CONCRETE FLATWORK, SIDEWALKS AND CURB AND GUTTERS SHOULD BE UNDERLAIN BY AT LEAST 12 INCHES OF CLASS 2 AGGREGATE BASEROCK PLACED ON THE PREPARED SUBGRADE.
18. REINFORCEMENT OF SLABS SHOULD BE PROVIDED IN ACCORDANCE WITH THEIR ANTICIPATED USE AND LOADING, BUT AS A MINIMUM, SLABS SHOULD BE REINFORCED WITH NO. 3 BARS AT 18 INCHES ON CENTER, BOTH WAYS, OR NO. 4 BARS AT 24 INCHES ON CENTER, BOTH WAYS. CONCRETE SLABS SHOULD BE ARTICULATED WITH A MAXIMUM JOINT SPACING OF TEN FEET IN BOTH DIRECTIONS.
19. PRIOR TO FINAL CONSTRUCTION OF SLABS, THE SUBGRADE SURFACE SHOULD BE PROOF ROLLED TO PROVIDE A SMOOTH, FIRM NON-YIELDING SURFACE. THE BASEROCK AND UPPER 12 INCHES OF UNDERLYING SUBGRADE SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION, OR 95 PERCENT IN AREAS OF VEHICULAR TRAFFIC.
20. THE MOISTURE CONTENT OF THE COMPACTED SUBGRADE SHOULD BE MAINTAINED AT, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE PRIOR TO PLACING NON-EXPANSIVE FILL MATERIALS.
21. NEW HARDSCAPE AREAS REQUIRED FOR THE PROJECT SHOULD CONSIST OF TWO INCHES AC OVER 12 INCHES OF CLASS 2 AGGREGATE BASEROCK.
22. THE UPPER SIX INCHES OF NEW PAVEMENT AREA SUBGRADE SHOULD BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION. ANY FILL REQUIRED BELOW THE UPPER SIX INCHES OF SUBGRADE SHOULD BE COMPACTED TO AT LEAST 90 PERCENT.

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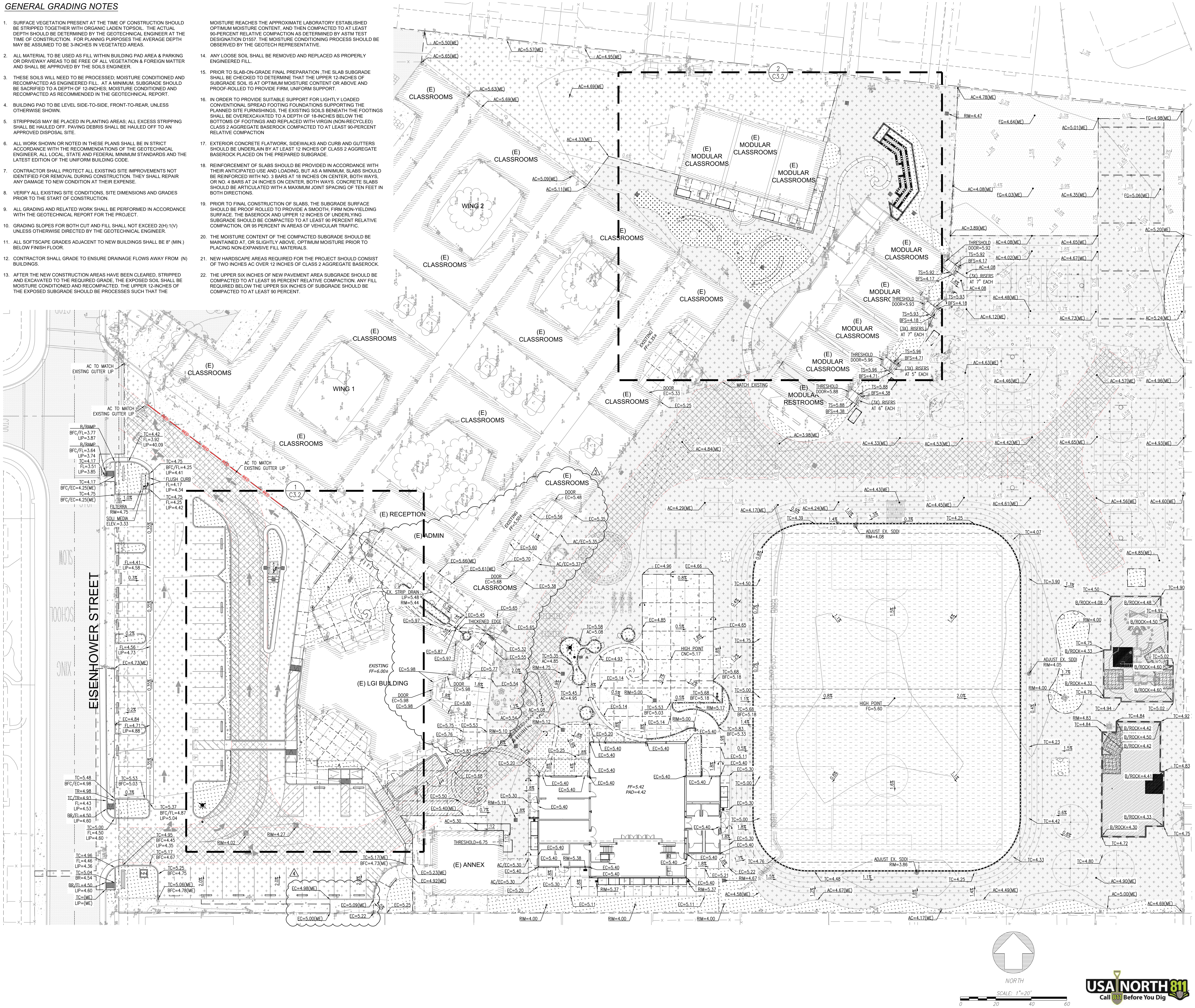

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- HEAVY DUTY AC PAVEMENT
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- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION (FDC)
- POST INDICATOR VALVE (PIV)
- STORM DRAIN DROP INLET
- STORM DRAIN AREA DRAIN
- SIGN
- FLUSH CONDITION BETWEEN HARDSCAPE

CURBING AND MISC ITEMS

- MATCHLINE
- EVA LANE
- CONCRETE VERTICAL CURB
- CONCRETE FLUSH CURB
- CONCRETE CURB & GUTTER

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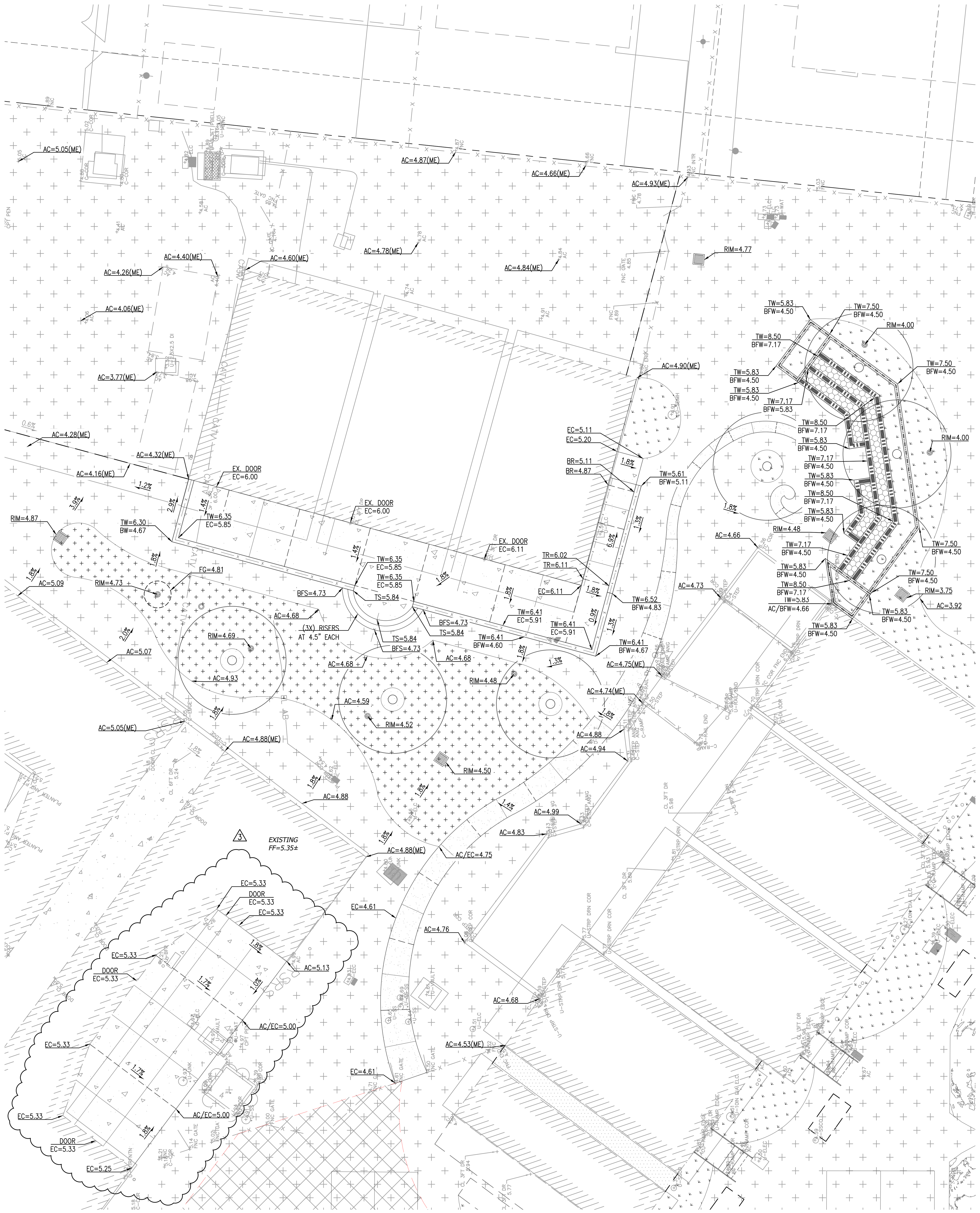
FILE NO.: 41-26 **A NO.: 01-120306**

DATE: **06/10/2022** CLIENT PROJ NO: **1002.02**

SHEET:

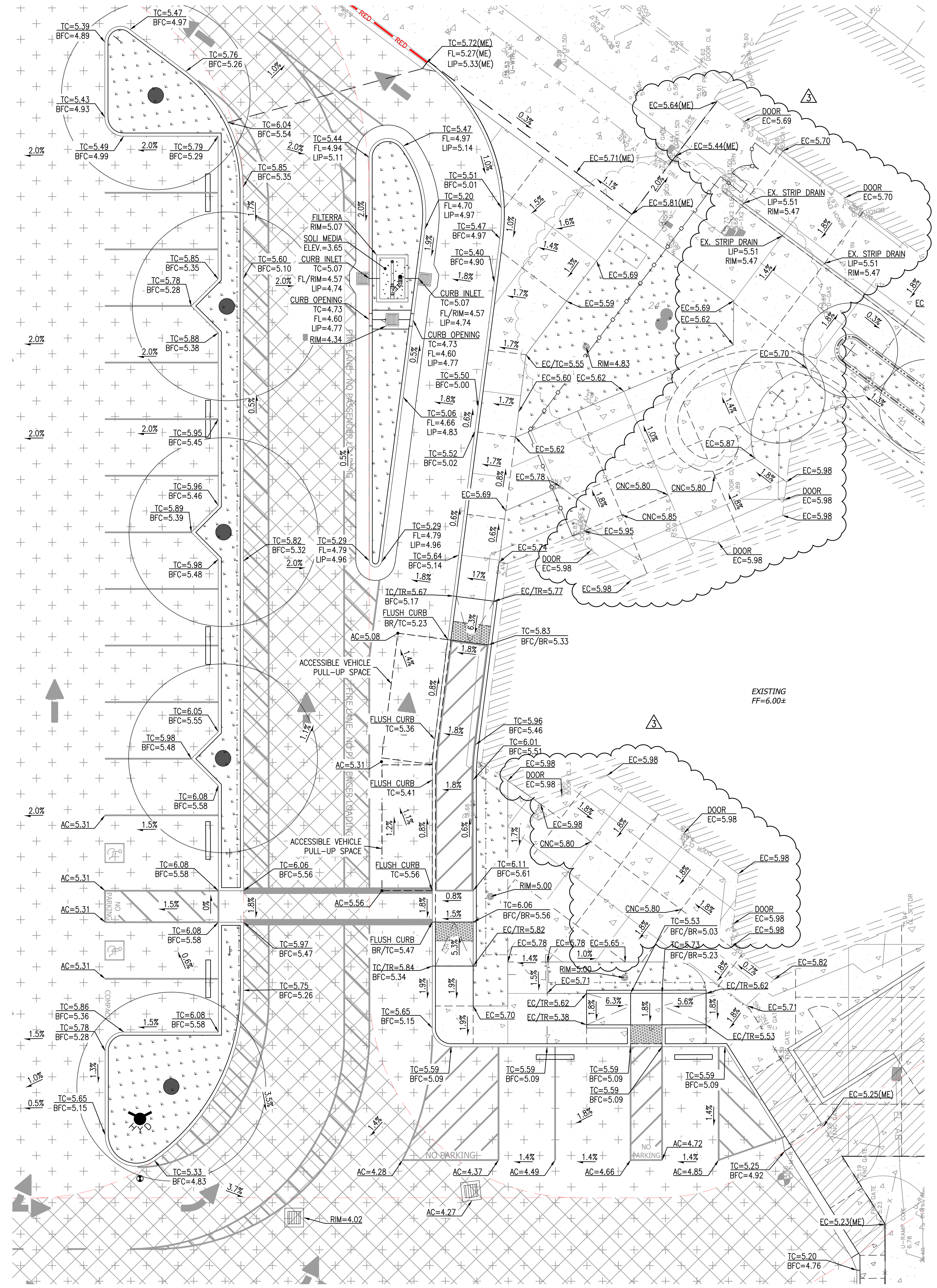
C3.1

PLEASE RECYCLE



2 ENLARGED GRADING PLAN

Scale: 1" = 10'



1 ENLARGED GRADING PLAN

Scale: 1" = 10'

NORTH

SCALE: 1"=10'

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USA NORTH 811 Call 811 Before You Dig

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AGENCY APPROVAL:

DSA # 01-120306
FILE # 41-26

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM #1	08.11.2023
2	ADDENDUM #2	11.03.2023
3	ADDENDUM #4	11.21.2023

KEYNOTES

GENERAL GRADING NOTES

1. SURFACE VEGETATION PRESENT AT THE TIME OF CONSTRUCTION SHOULD BE STRIPPED TOGETHER WITH ORGANIC LADEN TOPSOIL. THE ACTUAL DEPTH SHOULD BE DETERMINED BY THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION. FOR PLANNIG PURPOSES THE AVERAGE DEPTH MAY BE ASSUMED TO BE 3-INCHES IN VEGETATED AREAS.
2. ALL MATERIAL TO BE USED AS FILL WITHIN BUILDING PAD AREA & PARKING OR DRIVEWAY AREAS TO BE FREE OF ALL VEGETATION & FOREIGN MATTER AND SHALL BE APPROVED BY THE SOILS ENGINEER.
3. THESE SOILS WILL NEED TO BE PROCESSED; MOISTURE CONDITIONED AND RECOMPACTED AS ENGINEERED FILL. AT A MINIMUM, SUBGRADE SHOULD BE SACRIFIED TO A DEPTH OF 12-INCHES; MOISTURE CONDITIONED AND RECOMPACTED AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
4. BUILDING PAD TO BE LEVEL SIDE-TO-SIDE, FRONT-TO-REAR, UNLESS OTHERWISE SHOWN.
5. STRIPPINGS MAY BE PLACED IN PLANTING AREAS; ALL EXCESS STRIPPING SHALL BE HAULED OFF. PAVING DEBRIS SHALL BE HAULED OFF TO AN APPROVED DISPOSAL SITE.
6. ALL WORK SHOWN OR NOTED IN THESE PLANS SHALL BE IN STRICT ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER, ALL LOCAL, STATE AND FEDERAL MINIMUM STANDARDS AND THE LATEST EDITION OF THE UNIFORM BUILDING CODE.
7. CONTRACTOR SHALL PROTECT ALL EXISTING SITE IMPROVEMENTS NOT IDENTIFIED FOR REMOVAL DURING CONSTRUCTION. THEY SHALL REPAIR ANY DAMAGE TO NEW CONDITION AT THEIR EXPENSE.
8. VERIFY ALL EXISTING SITE CONDITIONS, SITE DIMENSIONS AND GRADES PRIOR TO THE START OF CONSTRUCTION.
9. ALL GRADING AND RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THE PROJECT.
10. GRADING SLOPES FOR BOTH CUT AND FILL SHALL NOT EXCEED 2(H):1(V) UNLESS OTHERWISE DIRECTED BY THE GEOTECHNICAL ENGINEER.
11. ALL SOFTSCAPE GRADES ADJACENT TO NEW BUILDINGS SHALL BE 8" (MIN.) BELOW FINISH FLOOR.
12. CONTRACTOR SHALL GRADE TO ENSURE DRAINAGE FLOWS AWAY FROM (N) BUILDINGS.

C2G
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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
ENLARGED GRADING PLAN

ADDENDUM 4

FILE NO.: 41-26	A NO.: 01-120306
DATE: 06/10/2022	CLIENT PROJ NO: 1002.02

SHEET:

C3.2

EROSION CONTROL BMP'S

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

ALL CONSTRUCTION SITES

DELINEATE CLEARING LIMITS, SENSITIVE OR CRITICAL AREAS, TREES, DRAINAGE COURSES, AND BUFFER ZONES TO PREVENT EXCESSIVE OR UNNECESSARY DISTURBANCE AND EXPOSURE OF SOIL.

1. IDENTIFY ALL STORM DRAINS, DRAINAGE SWALES AND CREEKS LOCATED NEAR THE CONSTRUCTION SITE AND MAKE SURE ALL SUBCONTRACTORS ARE AWARE OF THEIR LOCATIONS TO PREVENT POLLUTANTS FROM ENTERING THEM.
2. PRESERVE EXISTING VEGETATION, WHERE REQUIRED AND WHEN FEASIBLE, TO THE MAXIMUM EXTENT PRACTICABLE.
3. PHASE GRADING OPERATIONS, TO THE EXTENT POSSIBLE, TO LIMIT AREAS OF DISTURBANCE AND TIME OF EXPOSURE
4. AVOID AND/OR MINIMIZE IMPACTS OF EXCAVATION AND GRADING DURING WET WEATHER AND IMMEDIATELY PRECEDING EXPECTED WET WEATHER. EXTRA BMP MATERIALS WILL BE KEPT ONSITE FOR PRE-RAIN INSTALL BETWEEN OCTOBER 15 AND APRIL 15.
5. MINIMIZE CUTS AND FILLS.
6. IMPLEMENT MEASURES TO MINIMIZE EROSION, MANAGE STORM WATER RUNOFF, AND PREVENT POLLUTANTS FROM CONSTRUCTION ACTIVITIES FROM ENTERING STORM DRAINS.
7. ALIGN TEMPORARY AND PERMANENT ROADS AND DRIVEWAYS ALONG SLOPE CONTOURS.
8. WASH VEHICLES AT AN APPROPRIATE OFF-SITE FACILITY. IF EQUIPMENT MUST BE WASHED ON-SITE, USE WASH DOWN AREAS DEVELOPED FOR SPECIFIC SITE REQUIREMENTS AND APPROVED BY THE cityREPRESENTATIVE. DO NOT USE SOAPS, SOLVENTS, DEGREASERS, OR STEAM CLEANING EQUIPMENT, AND PREVENT WASH WATER FROM ENTERING STORM DRAINS.

GOOD HOUSEKEEPING PRACTICES

1. DO NOT WASH DOWN PAVEMENT OR SURFACES WHERE SILT HAS BEEN DEPOSITED OR MATERIALS HAVE SPILLED. USE DRY CLEANUP METHODS.
2. AVOID CONTAMINATING CLEAN RUNOFF FROM AREAS ADJACENT TO YOUR SITE BY USING BERMS AND/OR TEMPORARY OR PERMANENT DRAINAGE DITCHES TO DIVERT WATER FLOW AROUND THE SITE.
3. COVER EXPOSED PILES OF SOIL, CONSTRUCTION MATERIALS AND WASTES WITH PLASTIC SHEETING OR TEMPORARY ROOFS. BEFORE IT RAINS, SWEEP AND REMOVE MATERIALS FROM SURFACES THAT DRAIN TO STORM DRAINS, CREEKS, OR CHANNELS.
4. PLACE TRASH CANS AROUND THE SITE TO REDUCE POTENTIAL LITTER. DISPOSE OF NON-HAZARDOUS CONSTRUCTION WASTES IN COVERED DUMPSTERS OR RECYCLING RECEPTACLES. RECYCLE LEFTOVER MATERIALS WHENEVER POSSIBLE.
5. DISPOSE OF ALL WASTES PROPERLY. MATERIALS THAT CAN NOT BE REUSED OR RECYCLED MUST BE TAKEN TO AN APPROPRIATE LANDFILL OR DISPOSED OF AS HAZARDOUS WASTE, AS APPROPRIATE.
6. COVER OPEN DUMPSTERS WITH PLASTIC SHEETING OR A TARP DURING RAINY WEATHER. SECURE THE SHEETING OR TARP AROUND THE OUTSIDE OF THE DUMPSTER. IF THE DUMPSTER HAS A COVER, CLOSE IT.
7. ANY DEWATERING MUST FIRST BE APPROVED BY THE CITY AND APPROPRIATE REGULATORY AGENCIES.
8. TRAIN YOUR EMPLOYEES AND INFORM CONTRACTORS AND SUBCONTRACTORS ABOUT STORM WATER MANAGEMENT REQUIREMENTS AND THEIR RESPONSIBILITIES FOR COMPLIANCE.

MINIMIZE SOIL MOVEMENT

1. STOCKPILED SOIL AND MATERIALS SHOULD BE COVERED AND STABILIZED WITH TARPS, GEOTEXTILE FABRIC, HYDROSEEDING AND/OR EROSION CONTROL BLANKETS.
2. CREATE A BERM AND/OR INSTALL SILT FENCING AROUND STOCKPILED MATERIALS TO PREVENT STORM WATER RUNOFF FROM TRANSPORTING SEDIMENT OFFSITE.
3. USE STANDARD EROSION CONTROL SEEDING, PLANTING, MULCHING, GEOTEXTILE FABRIC AND/OR EROSION CONTROL BLANKETS TO STABILIZE DISTURBED SOIL AND REDUCE THE POTENTIAL FOR EROSION.
4. USE OTHER SOIL STABILIZERS AS APPROVED BY THE CITY OF SAN MATEO.

STRUCTURES TO CONTROL AND CONVEY RUNOFF

1. CONVEY RUNOFF BY USE OF EARTH DIKES, DRAINAGE SWALES AND/OR DITCHES WHEN FEASIBLE.
2. USE SLOPE DRAINS TO COLLECT AND CONVEY WATER FOR DISCHARGE BELOW SLOPES WHEN FEASIBLE.
3. USE VELOCITY DISSIPATION DEVICES, FLARED CULVERT END SECTIONS AND/OR CHECK DAMS TO REDUCE RUNOFF VELOCITY AND MITIGATE EROSION WHEN FEASIBLE.

CAPTURE SEDIMENT

1. USE TERRACING, RIPRAP, SAND BAGS, ROCKS, APPROVED TEMPORARY VEGETATION AND/OR OTHER APPROVED BMP'S ON SLOPES TO REDUCE RUNOFF VELOCITY AND TRAP SEDIMENTS. DO NOT USE ASPHALT RUBBLE OR OTHER DEMOLITION DEBRIS FOR THIS PURPOSE.
2. PROTECT STORM DRAIN INLETS FROM SEDIMENT-LADEN RUNOFF. STORM DRAIN INLET PROTECTION DEVICES INCLUDE FILTREX 8" SOXX W/ FILTER FABRIC, FILTER FABRIC FENCES AND BLOCK AND GRAVEL FILTERS.
3. SAND BAGS, GRAVEL BAGS AND STRAW WATTLES AROUND STORM DRAIN INLETS THAT ARE EXPOSED VEHICULAR TRAFFIC ARE NOT ALLOWED.

OTHER RUNOFF CONTROLS

1. TEMPORARY SEDIMENT BASIN
2. SEDIMENT TRAP
3. BRUSH OR ROCK FILTER
4. SILT FENCE
5. SAND OR GRAVEL BAG BARRIER (NOT IN TRAFFIC AREAS)

TRACKING CONTROL

1. IMPLEMENT MEASURES AS NECESSARY TO MINIMIZE TRACKING OF SOIL OFF SITE
2. USE DRY SWEEPING METHODS WHEN CLEANING SEDIMENTS FROM STREETS, DRIVEWAYS AND PAVED AREAS BY HAND. WHEN USING MECHANICAL STREET SWEEPERS, USE FINE WATER SPRAY TO REDUCE DUST AND IMPROVE SEDIMENT REMOVAL WHILE MINIMIZING RUNOFF.

PAINT WORK

1. DO NOT CLEAN PAINT BRUSHES OR RINSE PAINT CONTAINERS INTO A STREET, GUTTER, STORM DRAIN, OR CREEK.
2. FOR WATER-BASED PAINTS, PAINT OUT BRUSHES TO THE EXTENT POSSIBLE AND RINSE TO A DRAIN LEADING TO THE SANITARY SEWER (I.E., INDOOR PLUMBING).
3. FOR OIL-BASED PAINTS, PAINT OUT BRUSHES TO THE EXTENT POSSIBLE, AND FILTER AND REUSE THINNERS AND SOLVENTS. DISPOSE OF UNUSABLE THINNERS, OIL-BASED PAINT, SLUDGES AND RESIDUE AS HAZARDOUS WASTE.
4. NON-HAZARDOUS PAINT CHIPS AND DUST FROM DRY STRIPPING AND SAND BLASTING MAY BE SWEPT UP OR COLLECTED IN PLASTIC DROP CLOTHS AND DISPOSED OF AS TRASH. CHEMICAL PAINT STRIPPING RESIDUE AND CHIPS AND DUST FROM MARINE PAINTS OR PAINTS CONTAINING LEAD OR TRIBUTYL TIN MUST BE DISPOSED OF AS A HAZARDOUS WASTE.
5. WHEN STRIPPING OR CLEANING BUILDING EXTERIORS WITH HIGH-PRESSURE WATER, COVER OR BERM STORM DRAIN INLETS. COLLECT (MOP OR VACUUM) BUILDING CLEANING WATER FOR DISPOSAL IN A PRE-AUTHORIZED MANNER.
6. RECYCLE, RETURN TO SUPPLIER OR DONATE UNWANTED WATER-BASED (LATEX) PAINT.
7. DRIED LATEX PAINT MAY BE DISPOSED OF IN THE TRASH.

CEMENT AND CONCRETE WORK

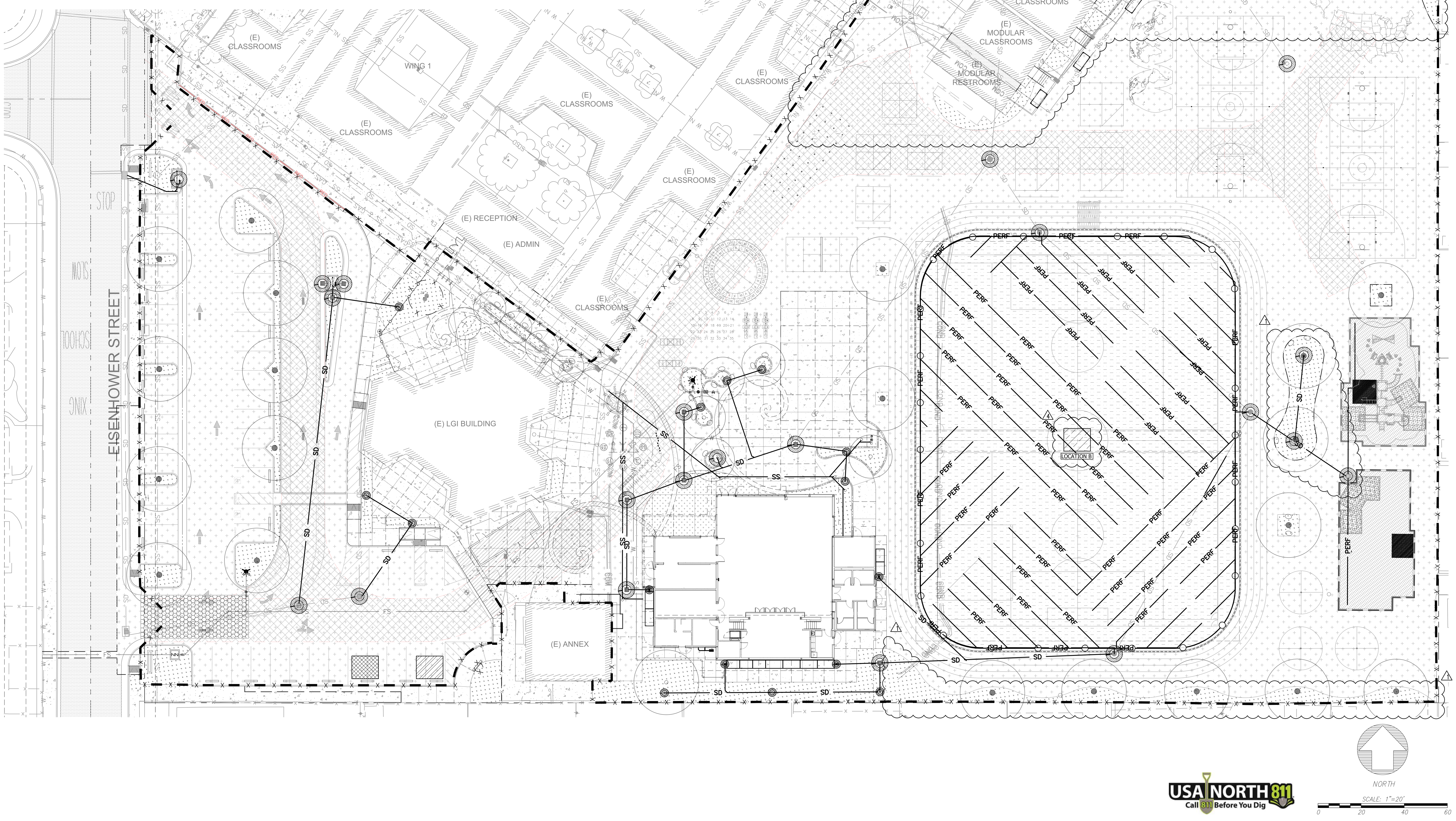
1. AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT MORTAR ON-SITE.
2. STORE DRY AND WET CONCRETE AND CEMENT UNDER COVER, PROTECTED FORM RAINFALL AND RUNOFF.
3. WASH OUT CONCRETE TRANSIT MIXERS ONLY IN DESIGNATED WASH-OUT AREAS. WHENEVER POSSIBLE, RECYCLE WASHOUT BY PUMPING BACK INTO MIXERS FOR REUSE. DO NOT DISPOSE OF WASHOUT INTO THE STREET, STORM DRAINS, DRAINAGE DITCHES, OR CREEKS. DESIGNATED WASH-OUT AREAS MUST BE MAINTAINED TO PREVENT OVER FLOW.
4. WHENEVER POSSIBLE, RETURN CONTENTS OF MIXER BARREL TO THE OFF-SITE YARD FOR RECYCLING. DISPOSE OF SMALL AMOUNTS OF EXCESS CONCRETE, GROUT, AND MORTAR IN THE TRASH.

ROADWORK/PAVEMENT

5. APPLY CONCRETE, ASPHALT, AND SEAL COAT DURING DRY WEATHER TO PREVENT CONTAMINANTS FROM CONTACTING STORMWATER RUNOFF.
6. COVER STORM DRAIN INLETS AND MANHOLES WHEN PAVING OR APPLYING SEAL COAT, SLURRY SEAL, FOG SEAL, AND SIMILAR MATERIALS.
7. ALWAYS PARK PAVING MACHINES OVER DRIP PANS OR ABSORBENT MATERIALS, SINCE THEY TEND TO DRIP CONTINUOUSLY.
8. WHEN MAKING SAW-CUTS IN PAVEMENT, USE AS LITTLE WATER AS POSSIBLE. COVER POTENTIALLY AFFECTED STORM DRAIN INLETS COMPLETELY WITH FILTER FABRIC DURING THE SAWING OPERATION AND CONTAIN THE SLURRY BY WET-VACUUMING, OR BY PLACING STRAW BALES, SANDBAGS, OR GRAVEL DAMS AROUND THE CATCH BASINS. AFTER THE LIQUID DRAINS OR EVAPORATES, SHOVEL OR VACUUM THE SLURRY RESIDUE FROM THE PAVEMENT OR GUTTER AND REMOVE FROM SITE.
9. WASH DOWN EXPOSED AGGREGATE CONCRETE ONLY WHEN THE WASH WATER CAN: (1) FLOW ONTO A DIRT AREA; (2) DRAIN ONTO A BERMED SURFACE FROM WHICH IT CAN BE PUMPED AND DISPOSED OF PROPERLY; OR (3) BE VACUUMED FROM THE AREA ALONG THE CURB WHERE SEDIMENT HAS ACCUMULATED BY BLOCKING A STORM DRAIN INLET.
10. ALLOW AGGREGATE RINSE TO SETTLE, AND PUMP THE WATER TO THE SANITARY SEWER IF ALLOWED BY YOUR LOCAL WASTEWATER AUTHORITY.
11. DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO A STREET OR STORM DRAIN. COLLECT AND RETURN TO AGGREGATE BASE STOCKPILE, OR DISPOSE WITH TRASH.
12. RECYCLE BROKEN CONCRETE AND ASPHALT.

HAZARDOUS MATERIAL SPILL PREVENTION, SPILL REPORTING AND RESPONSE

1. ALL HAZARDOUS MATERIALS SHALL BE STORED SO THAT THEY ARE PROTECTED FROM INCLEMENT WEATHER AND VANDALISM.
2. MOTOR VEHICLES SHALL NOT BE FUELED ON THE PROJECT SITE.
3. SPILL CONTAINMENT MEASURES MUST BE MADE PRIOR TO FUELING WHEN FUELING EQUIPMENT OTHER THAN MOTOR VEHICLES.
4. VEHICLE MAINTENANCE, OTHER THAN EMERGENCY REPAIRS, SHALL NOT BE PERFORMED ON THE PROJECT SITE.
5. ALL INACTIVE VEHICLES/EQUIPMENT SHALL USE COVERS AND/OR DRIP PANS.
6. APPROPRIATE EMERGENCY SPILL CONTAINMENT SUPPLIES SHALL BE MAINTAINED ON SITE BY THE CONTRACTOR.
7. SPILLS GREATER THAN ONE QUART SHALL BE IMMEDIATELY REPORTED TO THE CITY'S REPRESENTATIVE.
8. SPILLS SHALL BE DIKED OR CONTAINED BY TRAINED PERSONNEL TO PREVENT THE SPILLED HAZARDOUS MATERIAL FROM ENTERING THE STORM WATER SYSTEM OR LEAVING THE PROJECT SITE.
9. SPILLS OF LESS THAN FIVE (5) GALLONS SHALL BE ABSORBED USING AN APPROPRIATE MATERIAL. ALL CONTAMINATED MATERIALS SHALL BE CONTAINERIZED, REMOVED FROM THE JOBSITE AND DISPOSED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
10. SPILLS IN EXCESS OF FIVE (5) GALLONS SHALL BE ABSORBED USING AN APPROPRIATE MATERIAL AND PLACED IN CONTAINERS UNDER THE DIRECTION OF THE CITY OFFICE OF ENVIRONMENTAL HEALTH AND SAFETY.
11. ANY CONTAMINATED SOIL SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH ACCEPTABLE FRESH SOIL.
12. ANY CONTAMINATED STORMWATER WILL BE MANAGED AS NON-STORMWATER.
13. RESPONSE SHALL BE CARRIED OUT BY APPROPRIATELY TRAINED PERSONNEL UTILIZING SAFE PRACTICES.



KEYNOTES

LEGEND

— X — X —	TREE PROTECTION	6 / C6.2
— X — X — (bold)	SILT FENCE	1 / C6.2
⊙	FILTREXX 8" SOXX W/ MIRAFI 140N FABRIC	4 / C6.2
—o—	FIBER ROLL	2 / C6.2
↯	DIRECTION OF FLOW WITH STORM DRAIN INSTALLED	
(hatch)	STABILIZED CONSTRUCTION ENTRANCE/EXIT	3 / C6.2

SWPPP MANAGER TO MARK KNOWN LOCATIONS

(hatch)	MATERIALS & EQUIPMENT STORAGE AREA
(hatch)	SANITARY FACILITY
C	CONCRETE/WASTE WASHOUT (5 / C6.2)
(cloud, △1)	PROPOSED SOIL AND BOULDER STOCKPILE LOCATION

AGENCY APPROVAL:

DSA # 01-120306
FILE # 41-26

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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
EROSION CONTROL PLAN

ADDENDUM 4

FILE NO.: 41-26 **A NO.: 01-120306**

DATE: **06/10/2022** CLIENT PROJ NO: **1002.02**

SHEET:
C6.1

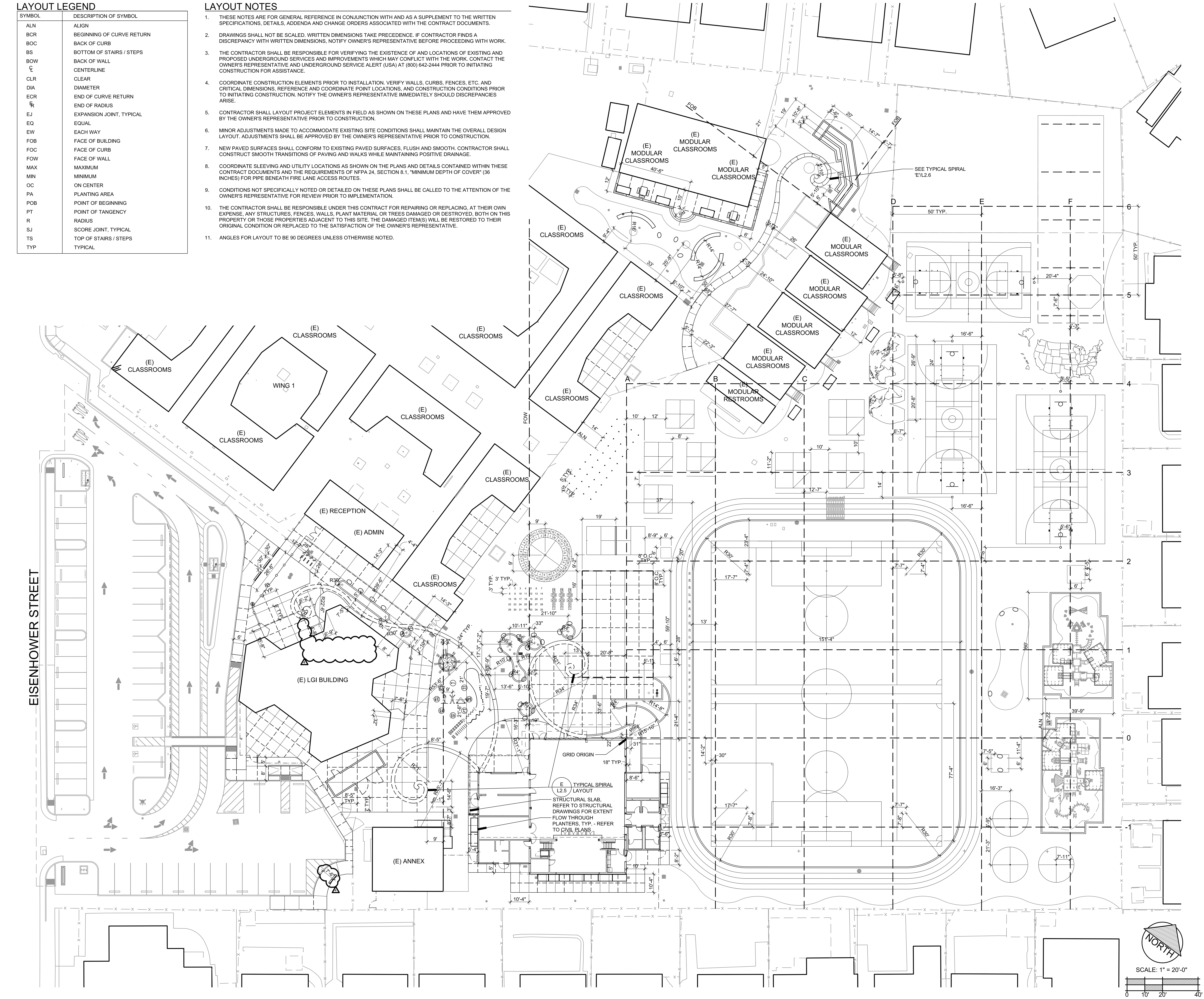
PLEASE RECYCLE

LAYOUT LEGEND

SYMBOL	DESCRIPTION OF SYMBOL
ALN	ALIGN
BCR	BEGINNING OF CURVE RETURN
BOC	BACK OF CURB
BS	BOTTOM OF STAIRS / STEPS
BOW	BACK OF WALL
℄	CENTERLINE
CLR	CLEAR
DIA	DIAMETER
ECR	END OF CURVE RETURN
℞	END OF RADIUS
EJ	EXPANSION JOINT, TYPICAL
EQ	EQUAL
EW	EACH WAY
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FOW	FACE OF WALL
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
PA	PLANTING AREA
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
R	RADIUS
SJ	SCORE JOINT, TYPICAL
TS	TOP OF STAIRS / STEPS
TYP	TYPICAL

LAYOUT NOTES

1. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
2. DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CONTRACTOR FINDS A DISCREPANCY WITH WRITTEN DIMENSIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF AND LOCATIONS OF EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK. CONTACT THE OWNER'S REPRESENTATIVE AND UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO INITIATING CONSTRUCTION FOR ASSISTANCE.
4. COORDINATE CONSTRUCTION ELEMENTS PRIOR TO INSTALLATION. VERIFY WALLS, CURBS, FENCES, ETC. AND CRITICAL DIMENSIONS, REFERENCE AND COORDINATE POINT LOCATIONS, AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCIES ARISE.
5. CONTRACTOR SHALL LAYOUT PROJECT ELEMENTS IN FIELD AS SHOWN ON THESE PLANS AND HAVE THEM APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
6. MINOR ADJUSTMENTS MADE TO ACCOMMODATE EXISTING SITE CONDITIONS SHALL MAINTAIN THE OVERALL DESIGN LAYOUT. ADJUSTMENTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. NEW PAVED SURFACES SHALL CONFORM TO EXISTING PAVED SURFACES, FLUSH AND SMOOTH. CONTRACTOR SHALL CONSTRUCT SMOOTH TRANSITIONS OF PAVING AND WALKS WHILE MAINTAINING POSITIVE DRAINAGE.
8. COORDINATE SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF NFPA 24, SECTION 8.1, "MINIMUM DEPTH OF COVER" (36 INCHES) FOR PIPE BENEATH FIRE LANE ACCESS ROUTES.
9. CONDITIONS NOT SPECIFICALLY NOTED OR DETAILED ON THESE PLANS SHALL BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO IMPLEMENTATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
11. ANGLES FOR LAYOUT TO BE 90 DEGREES UNLESS OTHERWISE NOTED.



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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM 1	8/11/2023
2	ADDENDUM 2	11/6/2023
4	ADDENDUM 4	11/21/2023

KEYNOTES

NOTES

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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
LAYOUT PLAN

ADDENDUM 4

FILE NO.: 41-26 | A NO.: 01-120306

DATE: 06/10/2022 | CLIENT PROJ NO: ANLA 2145

SHEET:

L1.1

PLEASE RECYCLE

REFER TO SHEET L2.2 FOR MATERIAL AND DETAIL REFERENCE NOTES AND LEGEND

NOTE

SEE SHEET L2.2 FOR MATERIAL AND DETAIL REFERENCE NOTES AND LEGEND

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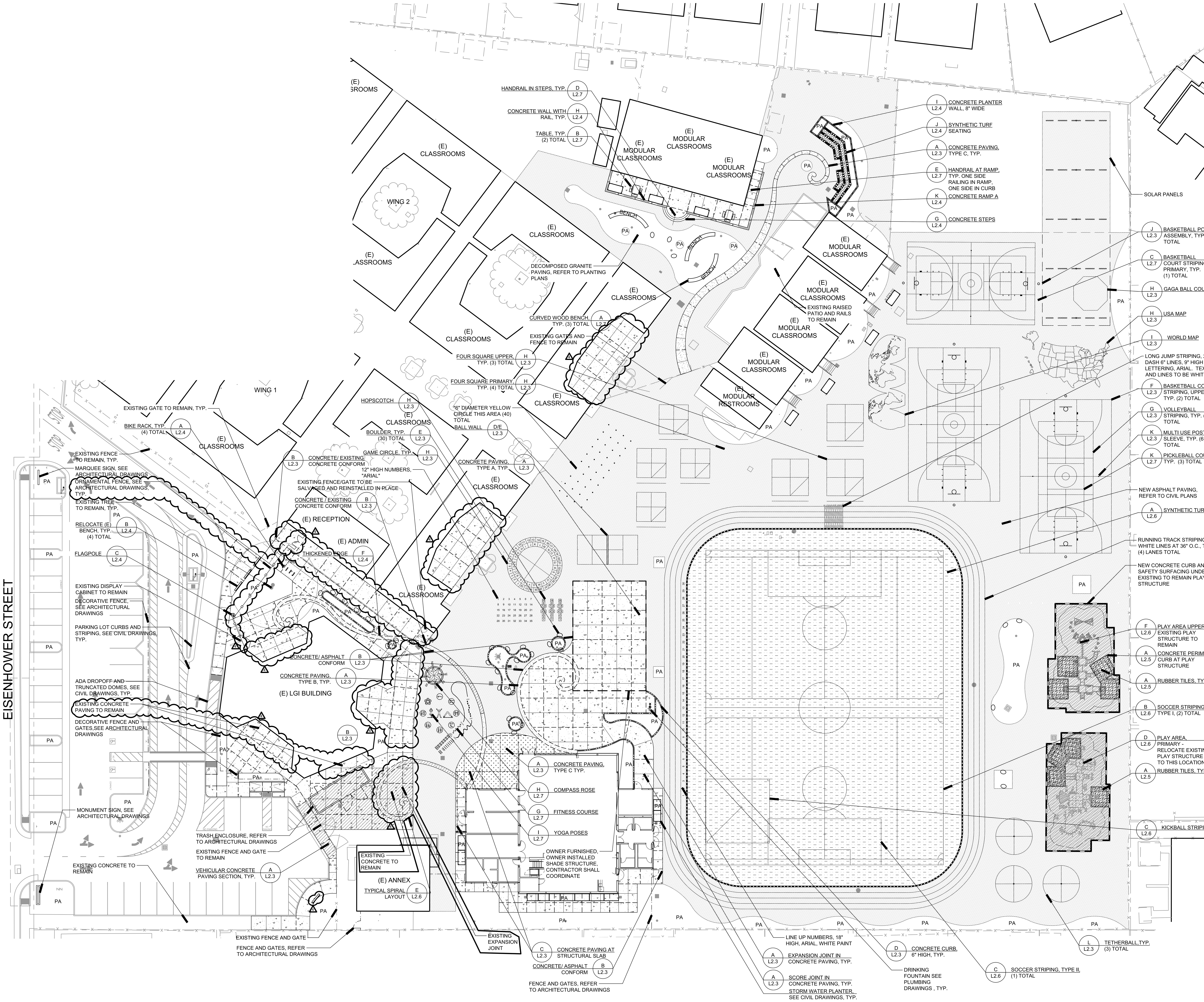

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LICENSED LANDSCAPE ARCHITECT
ALLEGRA J. AGUAYO
3678
05/31/2025
Renewal Date
10/27/2023
Date
STATE OF CALIFORNIA

Consultant's Project No. ANLA 2145

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SHEET NAME:
MATERIALS AND CONSTRUCTION DETAIL REFERENCE PLAN

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MATERIALS AND DETAIL REFERENCE LEGEND

SYMBOL	DESCRIPTION	DETAIL
	CONCRETE PAVING TYPE A, MEDIUM BROOM FINISH, NATURAL COLOR	A, L2.3
	CONCRETE PAVING TYPE B, MEDIUM SALT FINISH, COLORED CONCRETE DAVIS COLORS, #3685 GREEN SLATE	A, L2.3
	CONCRETE PAVING TYPE C, MEDIUM BROOM FINISH, COLORED CONCRETE DAVIS COLORS, #3685 GREEN SLATE	A, L2.3
	VEHICULAR CONCRETE PAVING SECTION TYPE A	A, L2.3
	VEHICULAR CONCRETE PAVING SECTION TYPE B	A, L2.3
	EXPANSION JOINT IN CONCRETE PAVING	A, L2.3
	SCORE JOINT IN CONCRETE PAVING	A, L2.3
	CONCRETE PAVING AT STRUCTURAL SLAB	C, L2.3
	HEADERBOARD AT ASPHALT	REFER TO CIVIL ENGINEER'S DRAWINGS
	SYNTHETIC TURF REFER TO SPECIFICATION SECTION 32 18 13	A,L2.6
	SAFETY SURFACING REFER TO SPECIFICATION SECTION 32 18 16	A, L2.5
	SYNTHETIC TURF AT SYNTHETIC TURF SEATING REFER TO SPECIFICATION SECTION 32 18 13	J,L2.4
	RUBBER TILES REFER TO SPECIFICATION SECTION 32 16 13	A, L2.5
	THICKENED EDGE	F, L2.4
	CONCRETE CURB, 6" HIGH	D, L2.3
	CONCRETE CURB AT SYNTHETIC TURF	A, L2.6
	EDGE OF RAMP	F, L2.4
	CONCRETE PERIMETER CURB AT PLAY STRUCTURE	A, L2.5
	CONCRETE PLANTER WALL, 8" WIDE	I, L2.4
	CONCRETE WALL WITH RAIL	H AND E, L2.7
	SYNTHETIC TURF SEATING	J, L2.4
X	EX. FENCE VERIFY IN FIELD	REFER TO ARCHITECTURAL PLANS
	HANDRAIL AT STEPS HANDRAIL AT RAMP	D, L2.7 E, L2.7
	BIKE RACK (4) TOTAL	A, L2.4
	BOULDER (30) TOTAL	E, L2.3
	RELOCATE (E) BENCH (4) TOTAL	B, L2.4
	FLAG POLE (1) TOTAL	C, L2.4
	TABLE (2) TOTAL	B, L2.7
	CURVED WOOD BENCH (3) TOTAL	A, L2.7
PA	PLANTING AREA, REFER TO PLANTING AND IRRIGATION PLANS	-
	ORNAMENTAL FENCE, SEE ARCHITECTURAL DRAWINGS	-

4

MATERIAL AND DETAIL REFERENCE NOTES

1. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.

2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.

3. SCORE AND EXPANSION JOINTS SHALL BE LOCATED AS INDICATED ON THIS PLAN. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS WHEN NECESSARY TO ALIGN SCORE AND EXPANSION JOINTS WITH RELATIVE ELEMENTS AS SHOWN ON THE PLAN.

4. DETAIL CALLOUTS ON PLAN ARE PROVIDED FOR CONVENIENCE AND GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE QUANTITY OF PRODUCTS, ELEMENTS AND MATERIALS AS SYMBOLIZED ON PLANS, ASSOCIATED DETAILS, AND SPECIFICATIONS.

5. FOR EACH CONCRETE COLOR AND FINISH SPECIFIED, CONTRACTOR SHALL POUR A 2'x2' SAMPLE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLING CONCRETE PAVING.

6. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. IF WORK WITHIN THIS SCOPE REQUIRES REMOVAL, RELOCATION, OR DEMOLITION OF EXISTING TO REMAIN IMPROVEMENTS, BOTH SURFACE AND KNOWN SUBSURFACE CONDITIONS, CONTRACTOR SHALL INCLUDE IN THE BID SUFFICIENT LABOR AND MATERIALS TO RESTORE EXISTING TO REMAIN IMPROVEMENTS IN KIND AND AS ACCEPTABLE TO OWNER'S REPRESENTATIVE.

7. CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO ALL PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 32 90 00.

8. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, SURFACE AND SUBSURFACE SITE FEATURES TO REMAIN, INCLUDING BUT NOT LIMITED TO ANY STRUCTURES, FENCES, WALLS, PAVING SURFACES, PLANT MATERIAL AND/OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

9. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR ROOFTOP GARDEN LINER, BUILDING WATERPROOFING, DRAINAGE FROM ROOF, WEIGHT LOAD BEARING ISSUES, MAINTENANCE, SAFETY, AND MEANS AND/OR METHODS OF INSTALLATION.

10. CONTRACTOR SHALL ADJUST EXISTING UTILITY BOXES TO BE FLUSH WITH PROPOSED GRADES.

11. REFER TO THE FOLLOWING SPECIFICATION SECTIONS:

01 56 39	TEMPORARY TREE AND PLANT PROTECTION
05 52 00	HANDRAILS AND RAILINGS
11 68 16	PLAY STRUCTURES
12 93 00	SITE FURNISHINGS
32 12 33	PAVING COLORED SURFACING
32 18 13	SYNTHETIC GRASS SURFACING
32 18 13.1	SYNTHETIC GRASS SURFACING (SEATING)
32 18 16	SYNTHETIC RESILIENT SURFACING
32 18 16.13	DUAL COMPONENT PLAYGROUND TILE SYSTEM

12. REFER TO CONSTRUCTION DETAILS ON SHEET L2.3 - L2.7.

AGENCY APPROVAL:

DSA # 01-120306
FILE # 41-26

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM 1	8/11/2023
2	ADDENDUM 2	11/6/2023
4	ADDENDUM 4	11/21/2023

KEYNOTES

NOTES

Consultant:

ANLA ASSOCIATES, INC.
1723 Hamilton Ave, Ste 101
San Jose, CA 95125
T. 408.292.2196
www.anla-associates.com

LICENSED LANDSCAPE ARCHITECT
ALISSA J. NOGUEZ
NO. 3676
Signature
05/31/2025
Renewal Date
10/27/2023
Date
STATE OF CALIFORNIA

Consultant's Project No. ANLA 2145

FACILITY:

PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST.
SAN MATEO, CA 94403

PROJECT:

PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:

MATERIALS AND CONSTRUCTION DETAIL REFERENCE PLAN

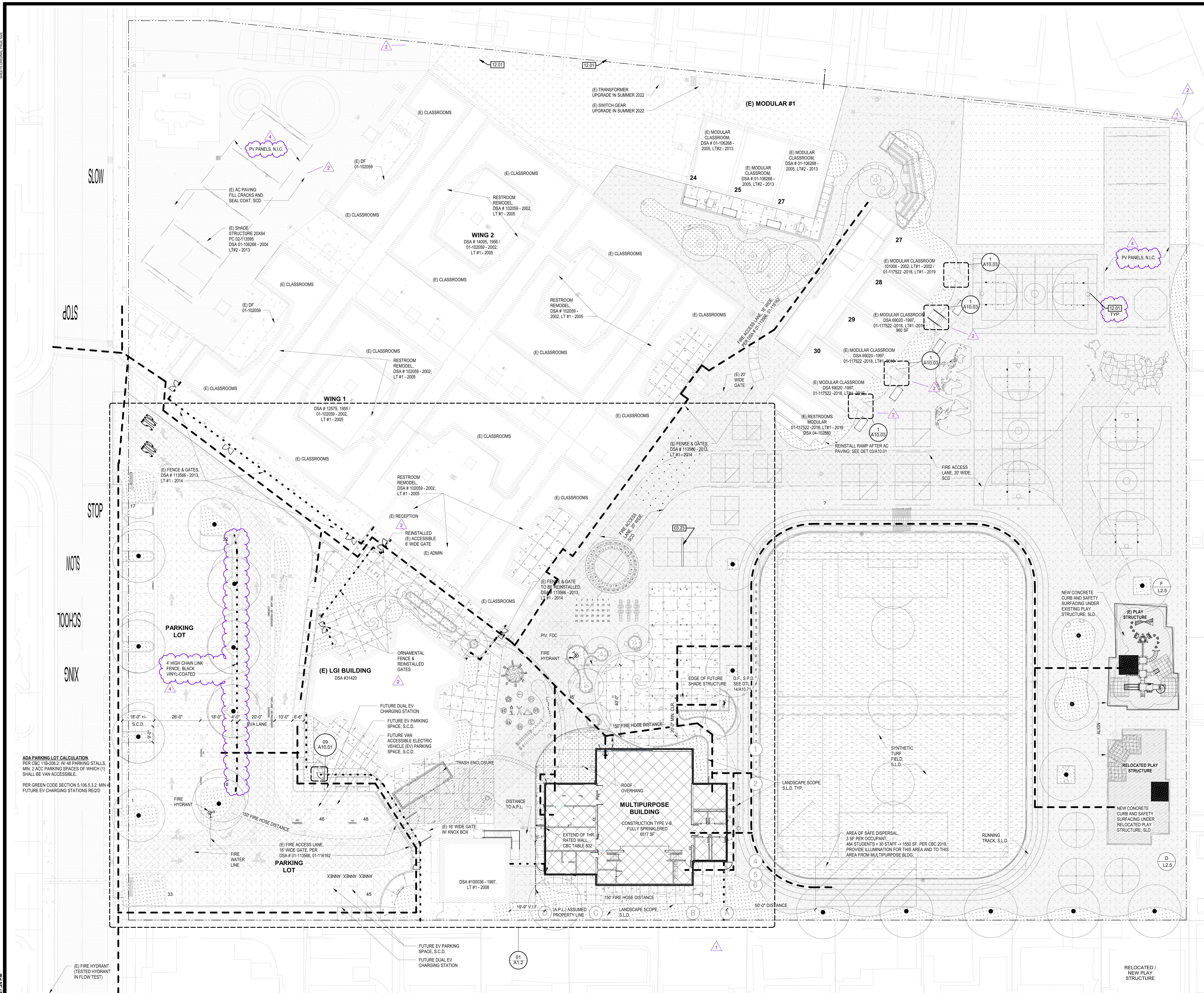
ADDENDUM 4

FILE NO.: **41-26** A NO.: **01-120306**

DATE: **06/10/2022** CLIENT PROJ NO: **ANLA 2145**

SHEET:

L2.2



AGENCY APPROVAL:

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM 1	06/11/2023
2	ADDENDUM 2	11/03/2023
4	ADDENDUM 4	11/21/2023

KEYNOTES

03.23	CONCRETE BALL WALL, S.L.D.
12.01	BASKETBALL HOOP, S.L.D.

PATH OF TRAVEL - P.O.T. (DSA PR 15-01)

THE P.O.T.IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS & STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED & ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED & THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITH THE SCOPE OF THIS PROJECTS DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECTS REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-CONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

P.O.T - TECHNICAL REQUIREMENTS FOR ACC. ROUTE

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT.

CROSS SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OBERHANGING OBSTRUCTIONS TO 80" MINIMUM AND DREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR.

MAXIMUM DROP BETWEEN FINISHED GRADES AND THE TOP OF THE P.O.T. SHALL NOT EXCEED 4".

ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

SHEET NOTES

1. SEE OTHER DISCIPLINE DWGS FOR ADDITIONAL SCOPE.
2. SEE ENLARGED SITE PLAN FOR ADDITIONAL SCOPE INFORMATION.
3. CONTRACTORS IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL HARDSCAPE/ PLANTING OUTSIDE OF LIMIT OF WORK LINE FOR CONNECTION OF UNDERGROUND UTILITIES.
4. AREAS OF PLANTING MAY REQUIRE SOIL AMMENMENT, SEE LANDSCAPE DWGS.
5. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN FIRE/ EMERGENCY ACCESS TO THE SITE THROUGHOUT CONSTRUCTION

LEGEND

- BUILDING
- CONCRETE PAVING - S.L.D. FOR TYPE AND FINISH
- AC PAVING
- ADDED BUILDING / ADDED STRUCTURE
- AREA OF SAFE DISPERSAL
- FIRE TRUCK ACCESS, 20' WIDE, 33' INSIDE RADIUS, 53' OUTSIDE RADIUS
- P.O.T
- FENCE (CHAINLINK OR ORNAMENTAL) / (E) FENCE
- FH / (E) FH FIRE HYDRANT, SEE CIVIL DWGS. / (E) FIRE HYDRANT

FACILITY:
PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST., SAN MATEO, CA 94403

PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
CAMPUS SITE PLAN

ADDENDUM 4

FILE NO.: 41-26 A NO.: 01-120306

DATE: 06/10/2022 CLIENT PROJ NO:

SHEET:

A1.1

SITE PLAN 01
1" = 20'-0"

11/21/2023 6:27:24 PM

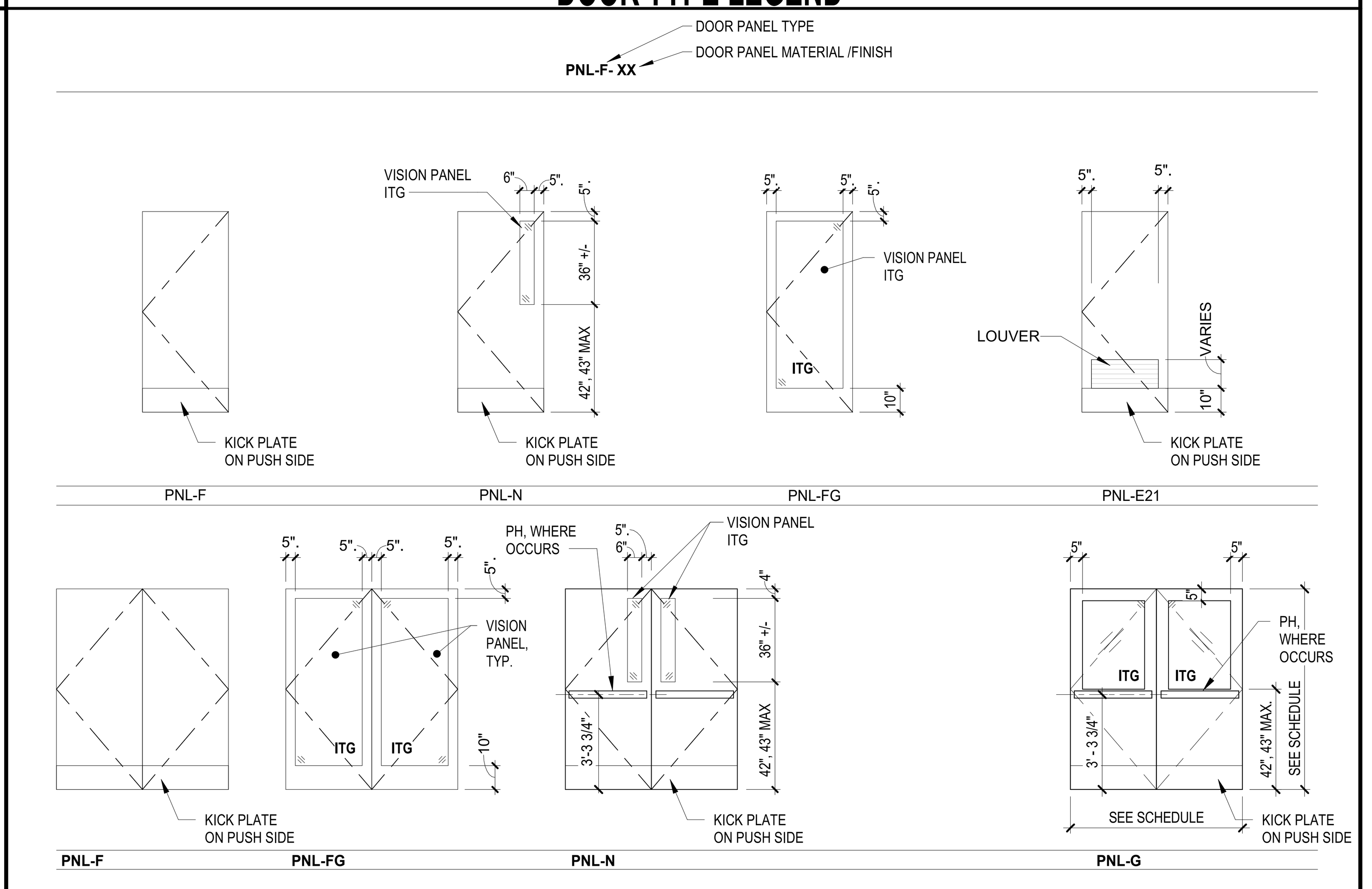
PLEASE RECYCLE

GENERAL NOTES

1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS, FIRE WINDOWS AND FIRE DAMPERS SHALL HAVE AN APPROVED LABEL OR LISTING MARK, INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE.
3. GLASS:
   A. INTERIOR DOORS:
      1. NON-RATED DOORS SHALL HAVE 1/4" CLEAR TEMPERED GLASS MIN, UNO.
      2. ALL RATED DOORS SHALL HAVE 1/4" CLEAR FIRE RATED GLASS MN, UNO.
   B. MAXIMUM GLASS IN FIRE RATED DOORS:
      1. 20 MINUTE DOORS: 1296 SQUARE INCHES MAXIMUM.
      2. 60 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM.
      3. 90 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM PER LITE.
4. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT, AND AS SUCH SHALL BE REQUIRED TO BE COMPOSED OF SAFETY GLAZING:
   A. INGRESS AND EGRESS DOORS.
   B. FIXED PANELS IN SWINGING DOORS.
   C. GLAZING IN FIXED PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR ON A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
   D. GLAZING IN INDIVIDUAL FIXED PANELS WHERE:
      1. THE EXPOSED AREA OF THE INDIVIDUAL PANE EXCEEDS 9 SQUARE FEET.
      2. THE EXPOSED BOTTOM EDGE IS LESS THAN 18 INCHES ABOVE THE FLOOR.
      3. THE EXPOSED TOP EDGE IS GREATER THAN 36 INCHES ABOVE THE FLOOR.
      4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.
5. EACH LIGHT OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN SAFETY GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATIONS.
6. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
7. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF UBC STANDARD 10-4. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 34 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE DIRECTION OF TRAVEL. MODIFICATIONS SHALL NOT BE MADE TO LISTED PANIC HARDWARE, FIRE DOOR HARDWARE OR DOOR CLOSERS.
8. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH DISABLED ACCESS CONSTRUCTION STANDARDS.
9. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
   A. EXTERIOR DOORS = 5.0 POUNDS
   B. INTERIOR DOORS = 5.0 POUNDS
   C. FIRE DOORS = 15.0 POUNDS
10. DOOR OPENING LOCATIONS:
   A. IMMEDIATELY 6" FROM F.O.S. ADJACENT TO A FLANKING WALL U.N.O.
   B. DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY DIMENSIONS.
11. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
12. ALL DOOR FRAMES ARE WELDED FRAMES, UNLESS NOTED OTHERWISE FRAME DEPTH TO BE DETERMINED BY OVERALL WALL THICKNESS
13. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED OTHERWISE
14. ALL INTERIOR DOORS WITH FIRE-RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NONCOMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL.
15. MIN. 32" CLEAR WIDTH: AT LEAST ONE ACTIVE LEAF TO MEET 32" CLEAR WIDTH.
16. THE BOTTOM 10 INCHES OF ALL DOORS AND GATES TO HAVE SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION (CBC. 11B-404.2.1.0).
17. DOOR THRESHOLD NOT TO EXCEED 1/2" WITH BEVELED SLOPE NOT MORE THAN 2:1 FOR THE UPPER 1/4" (CBC. 11B-303.3).
18. EACH LIGHT OF SAFETY GLAZING MATERIAL IN HAZARDOUS LOCATIONS AS DEFINED IN SECTION 2406 OF CHAPTER 24, "GLASS AND GLAZING," SHALL BE IDENTIFIED BY A LABEL WHICH WILL SPECIFY THE LABELER, WHETHER THE MANUFACTURER OR INSTALLER, AND STATE THAT SAFETY GLAZING MATERIAL HAS BEEN UTILIZED IN SUCH INSTALLATIONS. THE LABEL SHALL BE LEGIBLE AND VISIBLE FROM THE INSIDE OF THE BUILDING AFTER INSTALLATION AND SHALL SPECIFY THAT THE LABEL SHALL NOT BE REMOVED.
19. EACH PANE SHALL BEAR THE MANUFACTURER'S MARK DESIGNATING THE TYPE AND THICKNESS OF THE GLASS OR GLAZING MATERIAL. SAFETY GLAZING SHALL BE IDENTIFIED IN ACCORDANCE WITH CBC SECTION 2406.3. EACH PANE OF TEMPERED GLASS, EXCEPT TEMPERED SPANDREL GLASS, SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION MARK SHALL BE ACID ETCHED, SAND BLASTED, CERAMIC FIRED, LASER ETCHED, EMBOSSED OR OF A TYPE THAT, ONCE APPLIED CANNOT BE REMOVED WITHOUT BEING DESTROYED. TEMPERED SPANDREL GLASS SHALL BE PROVIDED WITH A REMOVABLE PAPER MARKING BY THE MANUFACTURER.
20. ANY DOOR ACTUATOR BUTTONS, ACCESS CONTROL ITEMS THAT NEED TO BE APPROACHED, SHALL BE MIN. 24" AWAY FROM DOOR SWING AT ANY POSITION.
21. LOCKS SHALL ALLOW DOORS TO CLASSROOMS AND ANY ROOM ROOM WITH OCCUPANCY OF FIVE OR MORE PERSONS TO BE LOCKED FROM THE INSIDE.
22. DOOR SHALL BE CABABLE OF BEING UNLOCKED FROM THE OUTSIDE THE ROOM WITH A KEY OR OTHER APPROVED MEANS.
23. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY CBC CHAPTER 11A OR 11B SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.

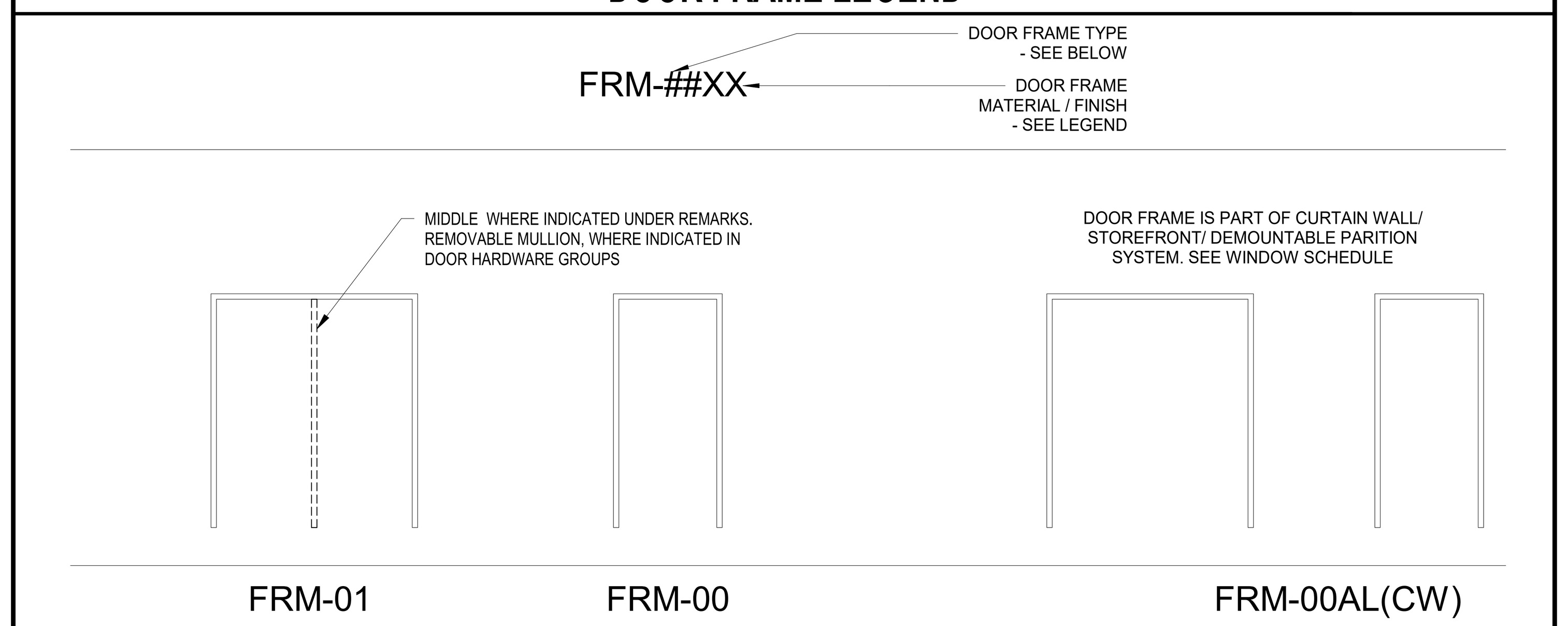
THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

DOOR TYPE LEGEND



NOTE:
KICK PLATE ON PUSH SIDE, U.N.O.

DOOR FRAME LEGEND



DOOR SCHEDULE

DOOR NUMBER	SIZE WIDTH PANEL 1	SIZE WIDTH PANEL 2	SIZE HEIGHT	DOOR TYPE	FRAME TYPE	FIRE RATING (MINUTES)	HARDWARE GROUP	PANIC HARDWARE	UNDERCUT	DETAIL HEAD	DETAIL JAMB	DETAIL THRESHOLD	COMMENTS
1ST. FLOOR													
01A	3'-0"	3'-0"	8'-8"	PNL-G-AL	FRM-01AL(CW)	NR	06	Yes	0"	CWM	CWM	01/A10.21	DC, NOTE 1,FRP-FACED SMOOTH TEXTURE
01B	3'-0"		9'-0"	PNL-G-AL	FRM-00AL(CW)	NR	02	Yes	0"	CWM	CWM	01/A10.21	DC, KP-CR, FRP-FACED SMOOTH TEXTURE
03A	3'-0"		7'-0"	PNL-F-FRP	FRM-00HM1	NR	04	No	0"	02/A10.21	03/A10.21	01/A10.21	DC
03B	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	09	No	0"	07/A10.21	07/A10.21		
04A	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	12	No	0"	07/A10.21	07/A10.21		
06A	4'-0"		7'-0"	PNL-F-FRP	FRM-00AL(CW)	NR	05	No	0"	SFM	5/A10.21	01/A10.21	DC
07A	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	11	No	0"	07/A10.21	07/A10.21	06/A10.21	UNDERCUT DOOR
08A	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	11	No	0"	07/A10.21	07/A10.21	06/A10.21	UNDERCUT DOOR
09A	3'-0"	3'-0"	7'-0"	PNL-N-FRP	FRM-00HM1	NR	06	Yes	0"	02/A10.21	03/A10.21	01/A10.21	DC, NOTE 1,
09B	3'-0"	3'-0"	7'-0"	PNL-N-WD	FRM-00HM1	NR	14	Yes	0"	07/A10.21	07/A10.21	06/A10.21	COLOR - P4, NOTE 1,
10A	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	13	No	0"	07/A10.21	07/A10.21	06/A10.21	UNDERCUT DOOR
11A	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	NR	13	No	0"	07/A10.21	07/A10.21	06/A10.21	UNDERCUT DOOR
12A	3'-0"		7'-0"	PNL-F-AL	FRM-00AL(CW)	NR	03	No	0"	SFM	5/A10.21	01/A10.21	DC, FRP-FACED SMOOTH TEXTURE
12B	3'-0"		7'-0"	PNL-F-AL	FRM-00AL(CW)	NR	03	No	0"	SFM	5/A10.21	01/A10.21	DC, FRP-FACED SMOOTH TEXTURE
12C	3'-0"		7'-0"	PNL-N-HM	FRM-00HM1	NR	08	No	0"	07/A10.21	07/A10.21	16/A10.21	COLOR - P4
12D	3'-0"		7'-0"	PNL-N-HM	FRM-00HM1	NR	08	No	0"	07/A10.21	07/A10.21	16/A10.21	COLOR - P4
13A	4'-0"		7'-0"	PNL-F-FRP	FRM-00HM1	NR	07	Yes	0"	02/A10.21	03/A10.21	01/A10.21	DC
14A	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	NR	15	No	0"	07/A10.21	07/A10.21		COLOR - P4
15A	3'-0"		7'-0"	PNL-F-FRP	FRM-00HM1	NR	01	Yes	0"	02/A10.21	03/A10.21	01/A10.21	DC
17A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	NR	10	No	0"	07/A10.21	07/A10.21	11/A10.21	

NOTE 1: ADD CENTER MULLION AS PART OF DOOR FRAME

GATE SCHEDULE

NUMBER	Construction Type	SIZE WIDTH PANEL 1	SIZE WIDTH PANEL 2	SIZE HEIGHT	HARDWARE GROUP	PANIC HARDWARE	COMMENTS
		4'-0"					
		4'-0"					
		4'-0"					
		4'-0"					
	CORRUGATED METAL GATE	3'-6"					
	CORRUGATED METAL GATE	7' - 0"					

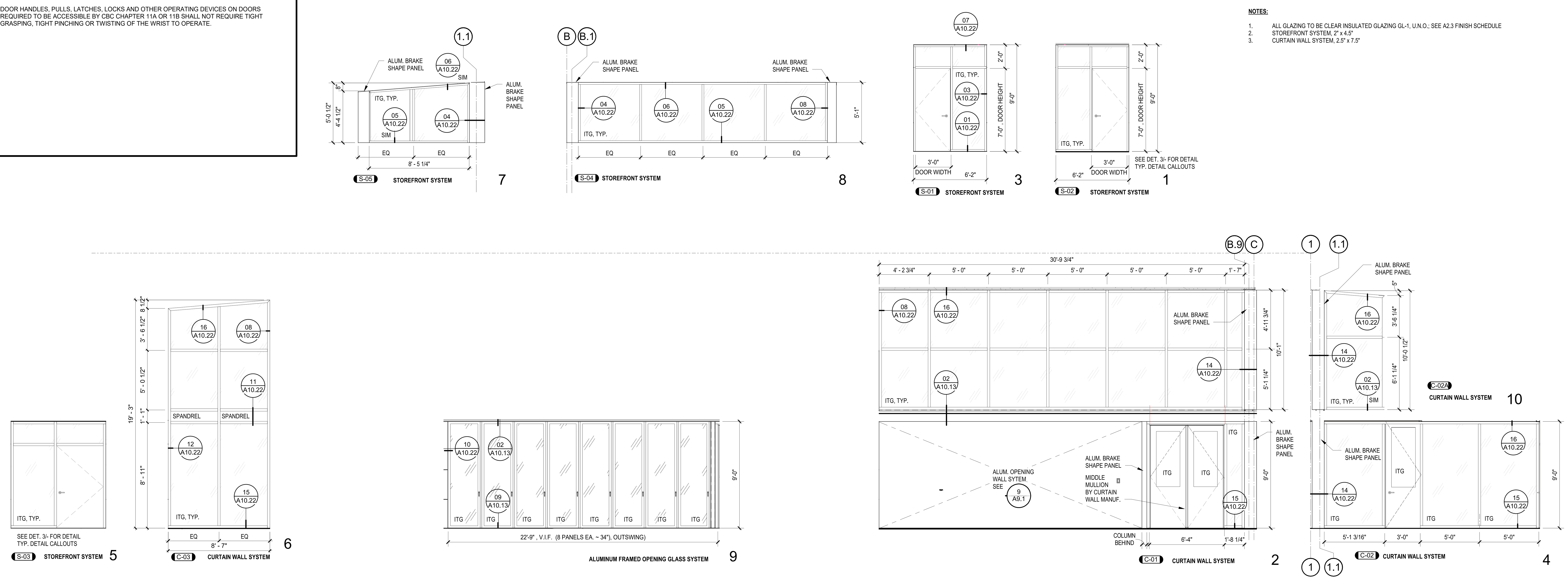
DOOR / DOOR FRAME - MATERIAL / FINISH LEGEND

A	ALARM CONTACT
AL	ALUMINUM
ADG-1	ACOUSTIC DOOR GASKET
AO	AUTOMATIC DOOR OPERATOR
CA	CLEAR ANODIZED
CL	COMBO LOCK
CR	CARD READER
CT	CLEAR TEMPERED GLAZING
CW	CURTAIN WALL
CWM	CURTAIN WALL MANUFACTURER
DE	DOUBLE EGRESS
EB	"PUSH TO EXIT" EMERGENCY BUTTON
EL	ELECTRICAL LOCK
ET	ENTRY TELEPHONE
FF	FACTORY FINISHED
FRG	FIRE RATED GLASS
FRG/	FIRE RATED GLASS & FRAMING
ITG	INSULATED GLASS UNIT (TEMPERED)
STG	SINGLE PANE TEMPERED GLAZING, 1/4"
HB	HELP BUTTON
HM	HOLLOW METAL
IC	INTERCOM
IG	INSULATING GLASS, 1"
IP	INFILL PANEL
KD	KNOCK DOWN FRAME
LA	LOCAL ALARM
M	MONITOR
MG	MIRROR GLASS
MHO	MAGNETIC HOLD OPEN
NR	NOT RATED
PB	PANIC BAR
PL	PRIVACY LOCK
PL#	PLASTIC LAMINATE
PP	PUSH PLATE (# OF PLATES)
PT	PAINT (FACTORY FINISH ALL WOOD DOORS TYPICAL, FIELD PAINT H.M. DOOR AND FRAME
REX	REQUEST TO EXIT MOTION SENSOR
RF	RF COPPER SHIELDED NON-FERROUS SYSTEM
S	STAIN GRADE WOOD VENEER
SC	SOLID CORE
SG	SAFETY GLASS
SFM	STOREFRONT MANUFACTURER
SHD	SHIELDED DOOR FRAME / GLASS. LEAD REQUIREMENTS TO MATCH ADJACENT WALL U.O.N.
SPG	SPANDREL GLASS
STL	STEEL
SM	SMOKE BARRIER SEAL (NON-RATED DOOR W/ TIGHT FITTING SMOKE GASKET)
UC	UNDERCUT
VP	VISION PANEL
WF	WELDED STEEL FRAME
WG	WIRE GLASS
WD	WOOD
WS	WAVE SENSOR

STOREFRONT SYSTEM / CURTAIN WALL SYSTEM / OPERABLE WINDOW SYSTEM - ELEVATIONS

NOTES:

1. ALL GLAZING TO BE CLEAR INSULATED GLAZING GL-1, U.N.O.; SEE A2.3 FINISH SCHEDULE
2. STOREFRONT SYSTEM, 2" x 4.5"
3. CURTAIN WALL SYSTEM, 2.5" x 7.5"



AGENCY APPROVAL:
DSA # 01-120306
FILE # 41-26

REVIEWING AGENCIES STAMP HERE

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ISSUE

Δ	DESCRIPTION	DATE
1	ADDENDUM 1	06/11/2023
3	ADDENDUM 3	11/15/2023
4	ADDENDUM 4	11/21/2023

FACILITY:
PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST., SAN MATEO, CA 94403

PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
DOOR & WINDOW SCHEDULE

ADDENDUM 4

FILE NO.: 41-26 A NO.: 01-120306

DATE: 06/10/2022 CLIENT PROJ NO:

SHEET:
A9.1

THE LINE SHOWN ABOVE IS 1" LONG ON ORIGINAL PLOT. IF THIS SHEET'S ORIGINAL PAGE SIZE

DSA REQUIRED ANCHORAGE NOTES

MEP COMPONENT ANCHORAGE NOTE:

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT: REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE:

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTION 13.6.5, 13.6.6, 13.6.5.7, 13.6.5.8; AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, 1617A.1.26

THE METHOD OF SHOWING BRACING AND ATTACHMENT TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP	MD	PP	E	
☐	☐	☐	☒	OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
☐	☐	☐	☐	OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM#) #0043-13.

UTILITIES SERVICE AND UNDERGROUND TRENCHING NOTES

1. THESE PLANS HAVE BEEN PREPARED WITHOUT UTILITY COMPANIES COMMITMENTS (PENDING). LP CONSULTING ENGINEERS, INC. ACCEPTS NO RESPONSIBILITY AND SHALL NOT INCUR ANY COSTS DUE TO CHANGES IN SERVICE REQUIREMENTS BY THE UTILITY COMPANIES.
2. CONTRACTOR SHALL COORDINATE SPECIFIC REQUIREMENTS WITH THE UTILITY COMPANIES AS FOLLOW:
   A. POWER COMPANY:
      PACIFIC GAS & ELECTRIC (PG&E)
   B. TELEPHONE COMPANY:
      AT&T
   C. CABLE TELEVISION:
      COMCAST CABLE TELEVISION
3. CONTRACTOR SHALL CALL THE UTILITY COMPANIES REPRESENTATIVE TO ATTEND PRE-CONSTRUCTION MEETING.
4. CONTRACTOR SHALL PROTECT ANY APPLICABLE EXISTING STREET LIGHTING, UTILITY POLES, OVERHEAD LINES, UNDERGROUND WIRING, AND UTILITY PULLBOXES DURING CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR SITE AND OFF-SITE IMPROVEMENTS AND TO COORDINATE UTILITY CONNECTIONS WITH THE UTILITY COMPANIES.
6. POWER SERVICE:
   A. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH PG&E FOR ALL ASPECTS OF THIS PROJECT INCLUDING ARRANGING FOR TEMPORARY CONSTRUCTION POWER, SCHEDULING INSPECTIONS AND OBTAINING SIGN-OFFS, SCHEDULING RELOCATION AND REMOVAL OF UTILITY EQUIPMENT, INSTALLING UTILITY EQUIPMENT AND INFRASTRUCTURE, AND SCHEDULING FINAL CONNECTION SERVICES. CONTRACTOR SHALL BE AWARE THAT POWER COMPANY REQUIRES EXTENSIVE ADVANCE NOTIFICATION AND SHOULD SCHEDULE ALL WORK ACCORDINGLY. CONTRACTOR SHALL NOT MAKE ANY CLAIMS FOR TIME DELAY DUE TO ANY POWER COMPANY WORK ASSOCIATED WITH THIS PROJECT.
   B. CONTRACTOR SHALL CONTACT PG&E TO ARRANGE CONSTRUCTION TEMPORARY ELECTRICAL SERVICE. CONTRACTOR SHALL PAY ALL REQUIRED FEES AND INSTALLATION COSTS.
   C. PG&E POWER SERVICE LINES SHALL NOT BE INSTALLED IN THE SAME TRENCH AS ANY WET UTILITIES.
7. TELEPHONE SERVICE:
   A. CONTRACTOR SHALL COORDINATE WITH AT&T FOR ALL REQUIRED INSPECTIONS OF INFRASTRUCTURE WORK, PULLBOXES, AND TELECOM ROOM.
   B. ALL AT&T COMPANY STRUCTURES MUST BE IN PLACE AND READY 30-45 DAYS PRIOR TO ANY REQUEST FOR NEW SERVICE.
8. UNDERGROUND TRENCHING:
   A. USE EXTREME CAUTION WHEN DIGGING TO AVOID BURIED ELECTRICAL CABLES. CALL UNDERGROUND SERVICE ALERT (U.S.A.) 800-277-2600, 48 HOURS BEFORE DIGGING.
   B. BEFORE START OF ANY UNDERGROUND TRENCHING FOR CONDUIT RUNS, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ALL PLANS OF OTHER TRADES (ARCHITECTURAL, CIVIL, LANDSCAPE), AND SITE CONDITIONS TO AVOID CONFLICT.
   C. TRENCHING AND BACKFILLING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. COORDINATE WITH CIVIL, LANDSCAPE AND ARCHITECTURAL SITE PLAN PRIOR TO THE TRENCHING, ETC. AND THE INSTALLATION OF THE ELECTRICAL SYSTEM.
   D. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC, UL LISTED FOR DIRECT BURIAL, AND TERMINATED WITH FACTORY END BELL FITTINGS. ALL ELBOWS, BENDS AND TURNS TRANSITIONING TO GRADE SHALL BE INSTALLED USING PER MANUFACTURED 40-MIL PVC COATED GALVANIZED STEEL ELBOWS AND OFFSETS.
   E. ALL UNDERGROUND SERVICE CONDUITS SHALL BE SEALED TO COMPLY WITH CEC 230.8.
   F. PROVIDE 24" MINIMUM COVERAGE FOR UNDERGROUND CONDUITS, UNLESS OTHERWISE NOTED. THE EXCEPTION IS FOR PG&E SERVICE CONDUITS WHICH SHALL HAVE A 36" MINIMUM SEPARATION BETWEEN THE POWER AND LOW VOLTAGE SYSTEM UNDERGROUND CONDUITS. TRENCHES SHALL ALL BE INSTALLED WITH A RED POLYETHYLENE WARNING RIBBON LABELED "ELECTRICAL", LOCATED 8" BELOW GRADE IN THE TRENCH.
   G. PROVIDE UNDERGROUND TRACER WHERE NON-METAL CONDUITS ARE INSTALLED.
   H. PROVIDE PARTEX IDENTIFICATION TAGS TO IDENTIFY UNDERGROUND CIRCUITS.
   I. ALL UNDERGROUND SPLICES SHALL BE MADE WATERPROOF BY PROVIDING WITH "SPLICE-KOTE" SPLICE KITS OR OTHER ACCEPTED METHODS. ALL FUSEHOLDERS SHALL BE WATERTIGHT.
   J. ALL UNDERGROUND RACEWAYS SHALL BE PROVIDED WITH A #8 AWG MINIMUM SIZE COPPER EQUIPMENT GROUNDING CONDUCTOR, WHETHER SHOWN ON PLAN OR NOT, UNLESS OTHERWISE NOTED.
   K. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT TO REPAIR AND REPLACE ANY AND ALL DAMAGES TO EXISTING PCC WALKS, AC PAVING, UTILITIES, TREES, TURF, PLANTED AREAS AND OTHER FACILITIES RESULTING FROM THIS PROJECT. WHEN CUTTING OR TRENCHING THROUGH EXISTING CONCRETE SIDEWALKS, DRIVEWAYS, AND WALKWAYS, THE CONTRACTOR SHALL BE REQUIRED TO COMPLETELY REPLACE ENTIRE SECTIONS OF CONCRETE PANELS FROM SCOREMARK TO SCOREMARK AFFECTED BY THE CONSTRUCTION WORK. ALL SIDEWALKS, DRIVEWAYS, AND WALKWAYS SHALL BE REPLACED TO MATCH ADJACENT CONDITION AND AS DIRECTED BY THE ARCHITECT.

OCCUPANCY & DAYLIGHT SENSOR NOTES

1. OCCUPANCY SENSORS AND DAYLIGHTING SENSORS SYSTEMS OPERATION:
   A. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AIM SENSORS IN THE CORRECT LOCATION REQUIRED FOR COMPLETE AND PROPER VOLUMETRIC COVERAGE WITHIN THE RANGE OF COVERAGE(S) OF CONTROLLED AREAS PER THE MANUFACTURER'S RECOMMENDATIONS. ROOMS SHALL HAVE NINETY (90) TO ONE HUNDRED (100) PERCENT COVERAGE TO COMPLETELY COVER THE CONTROLLED AREA TO ACCOMMODATE OCCUPANCY HABITS OF SINGLE OR MULTIPLE OCCUPANTS AT ANY LOCATION WITHIN THE ROOM(S). THE LOCATIONS AND QUANTITIES OF SENSORS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE ONLY THE ROOMS THAT ARE TO BE PROVIDED WITH SENSORS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL SENSORS IF REQUIRED TO PROPERLY AND COMPLETELY COVER THE RESPECTIVE ROOM.
   B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A PRE-INSTALLATION MEETING WITH MANUFACTURER'S FACTORY AUTHORIZED REPRESENTATIVE, AT THE OWNER'S FACILITY, TO VERIFY PLACEMENT OF SENSORS AND INSTALLATION CRITERIA.
   C. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE PROPER ADJUSTMENTS TO ASSURE OWNER'S SATISFACTION WITH THE OCCUPANCY SYSTEM. IF THE CONTRACTOR IS INCAPABLE TO MAKE PROPER ADJUSTMENTS, THE CONTRACTOR SHALL PROVIDE THE FACTORY STARTUP IN THAT THE MANUFACTURER'S RESPONSIBILITY TO VERIFY PROPER ADJUSTMENTS AND TRAIN OWNER'S PERSONNEL TO ENSURE OWNER'S SATISFACTION WITH THE OCCUPANCY SYSTEM.
   D. PROPER JUDGMENT MUST BE EXERCISED IN EXECUTING THE INSTALLATION SO AS TO ENSURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE AND TO OVERCOME LOCAL DIFFICULTIES DUE TO SPACE LIMITATIONS OR INTERFERENCE OF STRUCTURAL COMPONENTS. THE CONTRACTOR SHALL ALSO PROVIDE, AT THE OWNER'S FACILITY, THE TRAINING NECESSARY TO FAMILIARIZE THE OWNER'S PERSONNEL WITH THE OPERATION, USE, ADJUSTMENT, AND PROBLEM SOLVING DIAGNOSIS OF THE OCCUPANCY SENSING DEVICES AND SYSTEMS.
2. OCCUPANCY SENSORS AND DAYLIGHITNG SENSORS COMMISSIONING:
   A. UPON COMPLETION OF THE INSTALLATION, CONTRACTOR SHALL PROVIDE A COMPLETE SYSTEM COMMISSIONED BY THE MANUFACTURER'SFACTORY AUTHORIZED TECHNICIAN WHO WILL VERIFY ADJUSTMENTS AND SENSOR PLACEMENT TO ENSURE A TROUBLE-FREE OCCUPANCY-BASED LIGHTING CONTROL SYSTEM.
   B. UPON COMPLETION OF THE SYSTEM FINE TUNING, THE CONTRACTOR SHALL ARRANGE FOR THE FACTORY AUTHORIZED TECHNICIAN TO PROVIDE THE PROPER TRAINING TO THE OWNER'S PERSONNEL IN THE ADJUSTMENT AND MAINTENANCE OF THE SENSORS.
   C. LIGHTING CONTROLS COMMISSIONING, INSPECTIONS (INCLUDING STATE OF CALIFORNIA ENERGY COMMISSION INSPECTION FORMS AND APPLICATIONS), TESTING, PROGRAMMING AND TUNING OF LIGHTING CONTROL SENSORS, DEVICES AND COMPONENTS, ETC. SHALL BE INCLUDED IN THE LIGHTING CONTROL PACKAGE AND PRICE. ANY LABOR, TOOLS AND MATERIALS REQUIRED TO PROVIDE A COMPLETE LIGHTING CONTROL SYSTEM SHALL BE AT NO EXTRA COST TO THE OWNERS OR END-USERS.

GENERAL NOTES

ALL GENERAL NOTES SHOWN BELOW ARE NOT NECESSARILY USED ON PLANS IF NOT REQUIRED.

1. THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR IN THE EXECUTION OF THE ELECTRICAL WORK AND TO BE INCLUDED IN CONJUNCTION WITH THE CONTRACT DOCUMENT DRAWINGS AND SPECIFICATION REQUIREMENTS. SOME OF THE GENERAL NOTES ARE EXCERPTS FROM THE SPECIFICATION.
2. PROCURE PERMITS AND LICENSES REQUIRED. PAY ALL NECESSARY FEES AND ARRANGE FOR INSPECTIONS REQUIRED BY LOCAL CODES AND ORDINANCES AND UTILITY COMPANIES.
3. COORDINATE ALL ELECTRICAL SERVICES WITH THE RESPECTIVE UTILITY COMPANIES AND PROVIDE ALL TRENCHING, CONDUITS, WIRING, METER FACILITIES AND OUTLETS REQUIRED BY THEM.
4. WORKMANSHIP SHALL BE OF THE HIGHEST GRADE. DEFECTIVE EQUIPMENT OR EQUIPMENT DAMAGED IN THE COURSE OF INSTALLATION OR TEST SHALL BE REPLACED OR REPAIRED IN A MANNER MEETING WITH THE ACCEPTANCE OF THE ARCHITECT.
5. INSTALL ALL EQUIPMENT, CONDUITS, OUTLETS, AND FIXTURES IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF ALL APPLICABLE CODES (CEC, STATE, COUNTY AND CITY).
6. DO NOT SCALE PLANS FOR FIXTURES, DEVICES, OR APPLIANCE LOCATIONS, USE FIGURED DIMENSIONS IF GIVEN OR CHECK MECHANICAL AND ARCHITECTURAL PLANS. ALSO REFER TO ACTUAL ON-SITE CONDITIONS.
7. ALL MATERIAL AND EQUIPMENT IS TO BE LISTED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND CEC 110.3.
8. ALL ELECTRICAL DEVICES AND EQUIPMENT, FIXTURES, CONDUITS AND WIRING SHOWN ON THESE PLANS ARE NEW, UNLESS OTHERWISE NOTED.
9. OUTLET BOXES INSTALLED IN FIRE WALLS SHALL BE ONE-PIECE STEEL AND INSTALLED IN SEPARATE (STAGGERED) STUD PENETRATIONS, MINIMUM 24 INCHES HORIZONTAL SEPARATION. FIRE WALLS SHALL BE MADE IN ACCORDANCE WITH CBC AND ELECTRICAL CODES.
10. THE FINAL LOCATION OF ALL OUTLETS SHALL BE VERIFIED WITH THE ARCHITECT AND/OR OWNER AT TIME OF CONSTRUCTION.
11. ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHER-PROTECTED.
12. CONTRACTOR SHALL VERIFY THAT ALL LIGHTING FIXTURES, CEILING TRIMS, AND FRAMES ARE COMPATIBLE WITH CEILING SYSTEM INSTALLED.
13. CONTRACTOR SHALL COORDINATE LIGHT FIXTURE LOCATIONS AND INSTALLATIONS WITH THE MECHANICAL CONTRACTOR. MAINTAIN REQUIRED CLEARANCES (MINIMUM 3 INCHES) BETWEEN THE LIGHT FIXTURES AND MECHANICAL DUCTS OR EQUIPMENT FOR PROPER OPERATION. INSTALLATION AND/OR REMOVAL OF FIXTURES.
14. BEFORE SUBMITTING FOR ARCHITECT'S REVIEW AND PLACING ORDER FOR THE LIGHT FIXTURES. THE CONTRACTOR SHALL VERIFY THE VOLTAGE OF ALL THE LIGHTING FIXTURES TO MATCH THE VOLTAGE OF THE SERVICE PANEL, WHETHER THE VOLTAGE FOR THE LIGHT FIXTURES ARE SHOWN ON THE PLAN OR NOT.
15. PLACEMENT AND CIRCUITING OF EXIT SIGNS AND EGRESS LIGHTING COMPLY WITH CBC REQUIREMENTS.
16. ALL CONDUIT SHALL BE ROUTED CONCEALED UNLESS NOTED ON PLAN OR ACCEPTED BY THE ARCHITECT.
17. PROVIDE ALL NECESSARY SLEEVES AND INSERTS FOR ALL WORK PASSING THROUGH OR ATTACHING TO WALLS, FLOORS, OR CEILINGS.
18. ALL WIRING SHALL BE INSTALLED IN RIGID METALLIC CONDUIT, UNLESS OTHERWISE NOTED. CONDUITS INSTALLED CONCEALED IN WALL AND CEILING MAY BE EMT WITH STEEL COMPRESSION TYPE FITTINGS. PVC WHERE INSTALLED UNDERGROUND AND/OR UNDER SLAB. ALL EXPOSED CONDUITS SHALL BE RIGID STEEL CONDUITS WITH THREADED TYPE FITTINGS. INSTALL ALL CONDUITS IN ACCORDANCE WITH CECA STANDARDS OF INSTALLATION.
19. ELECTRICAL NON-METALLIC TUBING (ENT) AND MC CABLE ARE NOT PERMITTED TO BE USED FOR THIS PROJECT, NO EXCEPTIONS.
20. WHERE EXISTING CONDUITS, CONCEALED OR EXPOSED, AND (WIREMOLD) SURFACE RACEWAY IS NOT IN PLACE AS SHOWN ON PLANS, PROVIDE NEW CONDUITS AND (WIREMOLD) SURFACE RACEWAY FOR THE NEW WORK. VERIFY EXISTING CONDITION ON SITE AND PROVIDE ALL NECESSARY NEW MATERIAL, APPARATUS, AND WORK THAT ARE REQUIRED TO BE INCLUDED IN THE BID PACKAGE.
21. CONDUCTORS, #8 AND LARGER, SHALL BE STRANDED COPPER WITH THWN/THWN INSULATION, UNLESS OTHERWISE NOTED.
22. PROVIDE WORKING CLEARANCE PER CEC 110.26 FOR SERVICE PANEL, SUBPANELS, MOTOR DISCONNECT SWITCHES, CONTROL SECTIONS. HVAC EQUIPMENT, APPLIANCES, ETC.
23. PROVIDE A WARNING LABEL (SIGN) CLEARLY VISIBLE TO QUALIFIED PERSONS TO COMPLY WITH NEC AND CEC 116.16 OF POTENTIAL ELECTRIC ARC FLASH HAZARDS AT SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT PER CEC SECTION 110.24(A).
24. BUILDING SERVICE AND SUBPANELS TO COMPLY WITH CEC 110.9 AND 110.10 INTERRUPTING RATING AND BRACING. PROVIDE A.I.C. CALCULATIONS FOR SUBPANELS IF INTERRUPTING RATING TO BE USED IS LOWER THAN MAIN SERVICE RATING.
25. ALL APPLIANCES SHALL COMPLY WITH CEC ARTICLE 422. APPLIANCE CONTROL AND PROTECTION PER CEC 422-III; BRANCH CIRCUITS PER 422-II.
26. BUILDING EXPANSION JOINTS MAY OR MAY NOT BE INDICATED ON THE ELECTRICAL DRAWINGS. VERIFY THE LOCATIONS OF ALL APPLICABLE BUILDING EXPANSION JOINTS WITH THE ARCHITECTURAL DRAWINGS. WIRING METHODS ACROSS EXPANSIONS JOINTS SHALL INCLUDE USE OF FLEXIBLE FITTINGS OR OTHER DEVICES AS APPROPRIATE TO EACH APPLICATION. IN NO CASE SHALL CONDUIT CROSS SUCH A JOINT IN BUILDING CONSTRUCTION WITHOUT USE OF THE APPROPRIATE WIRING METHODS.
27. CONTRACTOR SHALL SIZE ALL THE INTERIOR AND EXTERIOR BUILDING PULL BOXES AND UNDERGROUND PULL BOXES PER CEC 314.16 AND COMPLY WITH CEC 314.28 FOR INSTALLATION OF RACEWAYS AND WIRING AS REQUIRED BY CODE, UNLESS OTHERWISE NOTED.
28. WHERE ACCESSIBILITY IS NOT AVAILABLE TO ELECTRICAL OUTLETS, DEVICES AND/OR EQUIPMENT, COORDINATE WITH THE ARCHITECT FOR PROVISIONS TO PROVIDE ACCESSIBILITY TO THEM.
29. CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE MECHANICAL DRAWINGS AND PROVIDES ALL CONDUITS AND CONTROL WIRING AND POWER WIRING SHOWN ON THE MECHANICAL DRAWINGS THAT IS NOT SHOWN ON THE ELECTRICAL PLANS.
30. CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS AND COORDINATE FOR THE EQUIPMENT LOCATIONS. COORDINATE ROOF PENETRATION WITH THE MECHANICAL CONTRACTOR FOR MECHANICAL CONNECTIONS. ENTER ROOF MOUNTED UNITS THROUGH EQUIPMENT MOUNTING CURES WHERE POSSIBLE. VERIFY ON-SITE.
31. PROVIDE CONVENIENCE OUTLET WITHIN 25 FEET OF MECHANICAL EQUIPMENT PER U.M.C. WHERE LOCATED OUTSIDE, PROVIDE WEATHERPROOF AND GFCI CONVENIENCE OUTLET. SECURE ROOF MOUNTED OUTLET TO THE MECHANICAL EQUIPMENT. VERIFY LOCATION IN FIELD WITH THE MECHANICAL CONTRACTOR.
32. VERIFY SINGLE-POINT CONNECTIONS TO ROOF MOUNTED HVAC UNITS WITH MECHANICAL CONTRACTOR ON-SITE PRIOR TO ELECTRICAL ROUGH-IN. PROVIDE DUAL DISCONNECTS IF TWO-POINT CONNECTIONS IS REQUIRED, WHETHER SHOWN ON PLANS OR NOT.
33. COORDINATE THE HVAC EQUIPMENT FOR FUSES REQUIRE. WHERE FUSES ARE REQUIRED, VERIFY FUSE SIZE ON-SITE AND PROVIDE FOR HVAC EQUIPMENT PER UNIT NAMEPLATE SPECIFICATIONS.
34. MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-IX AND 440.11.
35. MOTOR STARTERS FOR HVAC EQUIPMENT ARE PROVIDED BY MECHANICAL CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE.
36. ALL CONNECTIONS FROM THE DISCONNECT SWITCHES TO HVAC UNITS SHALL BE COPPER CONDUCTORS. MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-VII, 430-VIII, AND 440-I.
37. VERIFY LOCATION AND HEIGHT OF ALL MECHANICAL OR FIXTURE EQUIPMENT OUTLETS WITH SUPPLIER PRIOR TO ANY ROUGH-IN WORK. PROVIDE ALL RUNS AND CONNECTIONS TO EQUIPMENT.
38. ALL TERMINATION PROVISIONS OF EQUIPMENT, INCLUDING CIRCUITS RATED 100 AMPERES OR LESS SHALL BE RATED AT 60 DEGREE, CENTIGRADE PER CEC 110.14(c).
39. ALL LIGHT FIXTURES INSTALLED OVER FOOD HANDLING OR FOOD PREPARATION AREAS, OPEN FOOD STORAGE, AND UTENSIL WASHING AREAS SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHIELDS AND SHALL BE READILY CLEANABLE.

ELECTRICAL ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A/AMP	AMPERES	MCA	MINIMUM CIRCUIT AMPACITY
AC	ALTERNATING CURRENT	MCB	MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MLO	MAIN LUGS ONLY
AFC	ABOVE FINISHED CEILING	MTD	MOUNTED
AFG	ABOVE FINISHED GRADE	(N)	NEW
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRICAL)	N	NEUTRAL CONDUCTOR (GROUNDED CKT CONDUCTOR)
C	CONDUIT	N.I.E.S.	NOT IN ELECTRICAL SCOPE OR SPECIFICATIONS
CCT	CIRCUIT	NL	NIGHT LIGHT
CKT	CIRCUIT	PH/P	PHASE OR POLE
DC	DIRECT CURRENT	PNL	PANELBOARD
(E)	EXISTING TO REMAIN	PVC	POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40)
EC	EMPTY CONDUIT	(R)	RELOCATE/RELOCATED
EM	EMERGENCY	RECEP	RECEPTACLE
EMT	ELECTRICAL METALLIC TUBING	RGSC	RIGID GALVANIZED STEEL CONDUIT
FACP	FIRE ALARM CONTROL PANEL	U	UNSWITCHED
FLA	FULL LOAD AMPS	UNO	UNLESS NOTED OTHERWISE
FLEX	FLEXIBLE METALLIC CONDUIT	V	VOLTAGE OR VOLTS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	W	WATTS
GND/G	GROUND	WP	WEATHERPROOF
HP	HORSEPOWER	WPU	WEATHERPROOF WHILE IN USE
IG	ISOLATED GROUND	(X)	REMOVE
J-BOX	JUNCTION BOX	T, XFMR	TRANSFORMER
KVA	KILOVOLT-AMPS		
KW	KILOWATTS		
LTG	LIGHTING		

ELECTRICAL SHEET INDEX

SHEET NUMBER	SHEET NAME
E0.1	ELECTRICAL ABBREVIATIONS, NOTES, & SHEET INDEX
E0.2	ELECTRICAL SYMBOL LEGEND
E1.1	ELECTRICAL SITE PLAN
4 E1.1A	LUNCH SHELTER ELECTRICAL SITE PLAN & PHOTOMETRIC PLAN
E1.2	PHOTOMETRIC PLANS
E2.1	ELECTRICAL FLOOR PLAN
E2.2	ELECTRICAL ROOF PLAN
E3.1	ELECTRICAL LIGHTING FLOOR PLAN
E5.1	ELECTRICAL DETAILS
E5.2	ELECTRICAL DETAILS
E6.1	ELECTRICAL ONE-LINE DIAGRAM
E7.1	ELECTRICAL PANEL AND LIGHTING SCHEDULES
E7.2	ELECTRICAL PANEL SCHEDULES
E7.3	ELECTRICAL PANEL SCHEDULES

AGENCY APPROVAL:

DSA # 119574
FILE # 41-26

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Δ	DESCRIPTION	DATE
4	Addendum 4	11-21-2023

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1209 Pleasant Grove Blvd.
Roseville, CA 95678
p 916-771-0778
www.lpengineers.com
Job #: 21-2082

REGISTERED PROFESSIONAL ENGINEER
AMI S. ZEIDAN
No. E 16762
EXP. 9-30-24
ELECTRICAL
STATE OF CALIFORNIA

FACILITY:

PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST.
SAN MATEO, CA 94403

PROJECT:

PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:

ELECTRICAL ABBREVIATIONS, NOTES, & SHEET INDEX

ADDENDUM 4

FILE NO.: 41-26 | **A NO.: 01-120306**

DATE: **10/20/2022** | PROJ NO: **3542-004**

SHEET:

E0.1

11/17/2023 10:12:21 AM

PLEASE RECYCLE

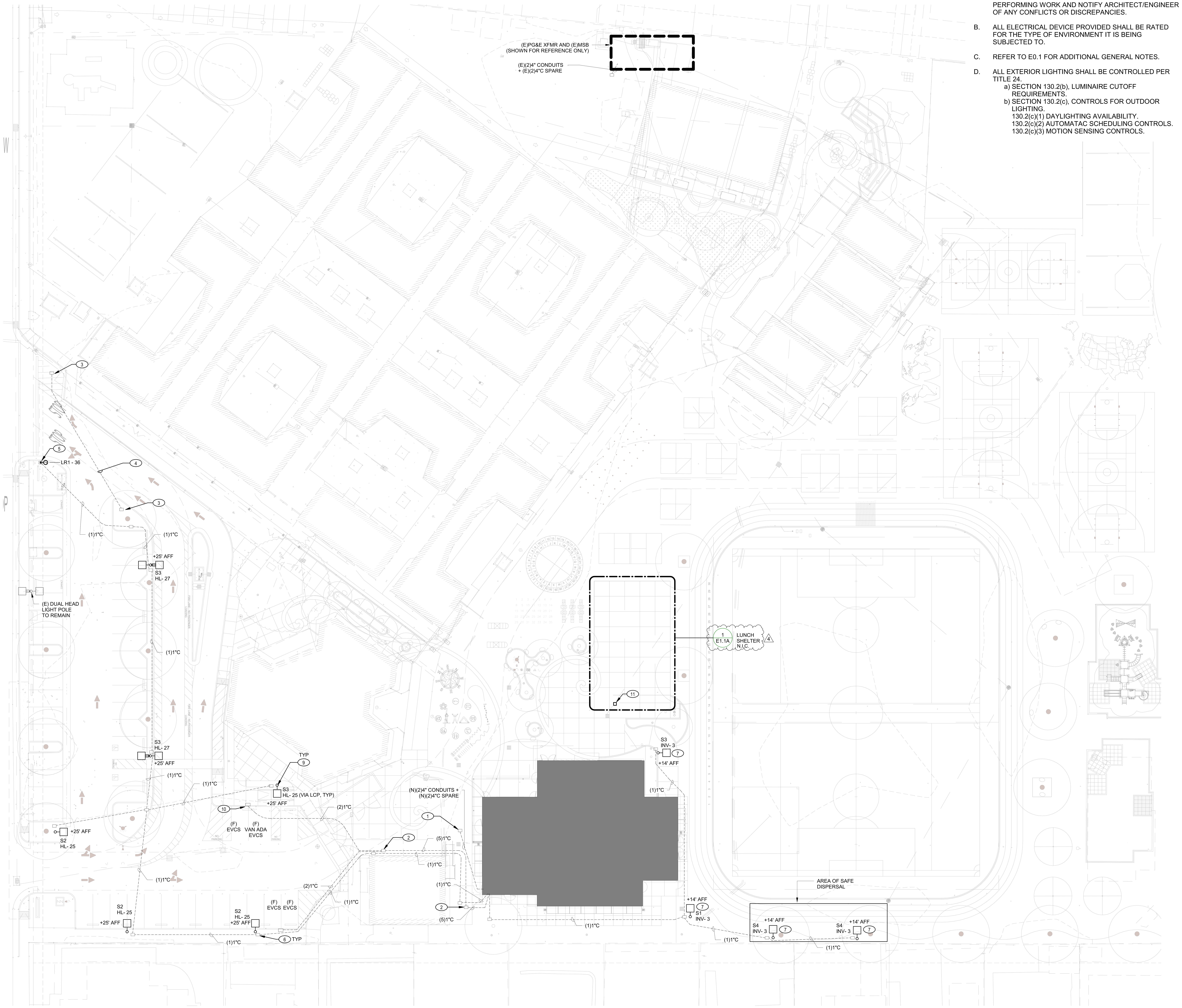
GENERAL NOTES

A. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK AND NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.

B. ALL ELECTRICAL DEVICE PROVIDED SHALL BE RATED FOR THE TYPE OF ENVIRONMENT IT IS BEING SUBJECTED TO.

C. REFER TO E0.1 FOR ADDITIONAL GENERAL NOTES.

D. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED PER TITLE 24.
   a) SECTION 130.2(b), LUMINAIRE CUTOFF REQUIREMENTS.
   b) SECTION 130.2(c), CONTROLS FOR OUTDOOR LIGHTING.
      130.2(c)(1) DAYLIGHTING AVAILABILITY.
      130.2(c)(2) AUTOMATAC SCHEDULING CONTROLS.
      130.2(c)(3) MOTION SENSING CONTROLS.



1 **ELECTRICAL - SITE PLAN**
SCALE: 1" = 20'-0"

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEET'S ORIGINAL PAGE SIZE

11/17/2023 10:12:26 AM

AGENCY APPROVAL:

DSA # 119574
FILE # 41-26

SAN MATEO-FOSTER CITY SCHOOL DISTRICT
1170 CHESS DR.,
FOSTER CITY, CA 94404

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HMC Architects
3542005-000
333 W. SAN CARLOS STREET,
STUDIO 750, SAN JOSE, CA, 95110
909 989 9979 / www.hmcarchitects.com

Δ	DESCRIPTION	DATE
4	Addendum 4	11-21-2023

LP CONSULTING ENGINEERS
1209 Pleasant Grove Blvd.
Roseville, CA 95678
p 916-771-0778
www.lpengineers.com
Job #: 21-2082

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KEYNOTES

1. (E)UNDERGROUND PULL BOX FOR POWER. SEE SHEET E6.1 FOR CONDUIT AND WIRE SIZE AND QUANTITY.
2. PROVIDE CHRISTY BOX AND (4) 1" CONDUIT FOR POWER AND (1) 1" CONDUIT SPARE WITH PULL STRING FROM THE ELECTRICAL ROOM FOR (F) EVCS.
3. PROVIDE FULL BOX FOR (F) PV SYSTEM.
4. PROVIDE (3) 4" CONDUIT WITH PULL STRING FOR (F) PV SYSTEM.
5. PROVIDE 120V, 2#10 CU + 1#10 CU GND CONNECTION FOR MARQUEE SIGNAGE. REFER TO FLOOR PLAN FOR UG PVC CONDUIT SIZE AND QUANTITY. ELECTRICAL CONTRACTOR SHALL REVIEW DRAWING T1.1 FOR THE INSTALLATION OF CONDUITS AS PATHWAY FROM THE MARQUEE SIGNAGE AND THE IDF ROOM AND ANY ADDITIONAL POWER REQUIREMENTS AND POINT OF CONNECTIONS INDICATED ON THE TECHNOLOGY DRAWINGS.
6. PROVIDE CHRISTY BOX B09 OR SIMILAR TYPE TO CONNECT LIGHT POLE. SEE DETAIL 1/E5.2.
7. EMERGENCY LIGHT FIXTURE DEDICATED FOR MEANS OF AGRESS SHALL ONLY TURN ON IN THE EVENT ANY EMERGENCY AND TRAINING.
8. 480V, 3-PHASE, 4-WIRE CONNECTION. CONTRACTOR SHALL COORDINATE CONDUIT PATH AND TERMINATION AT THE (E)ELECTRICAL PULL BOX. REFER TO SHEET E6.1 FOR WIRE SIZE AND QUANTITY AND BREAKER SIZE.
9. PROVIDE 277V, 2#10 CU + 1#10 CU GND IN CONDUIT INDICATED ON THE SITE PLAN FOR LIGHT POLE. SEE DETAIL 1/E5.2.
10. 208V, 1-PHASE, (2) 40A DEDICATED CIRCUIT FOR (F) DUAL EVCS FROM PANEL "EV". PROVIDE (2)1"C WITH 2#6 CU + 1#10 CU GND (EACH) FOR POWER FROM (N) BUILDING MAIN ELECTRICAL ROOM AND (1)1"CO FOR DATA FROM THE IDF ROOM.
11. PROVIDE CHRISTY PULL BOX, B09, (1)1"C WITH 2#10 CU + 1#10 CU GND FROM PANEL "HL", CIRCUIT #23 FOR LIGHTING AT THE FUTURE LUNCH AREA.

FACILITY:
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1685 EISENHOWER ST.
SAN MATEO, CA 94403

PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

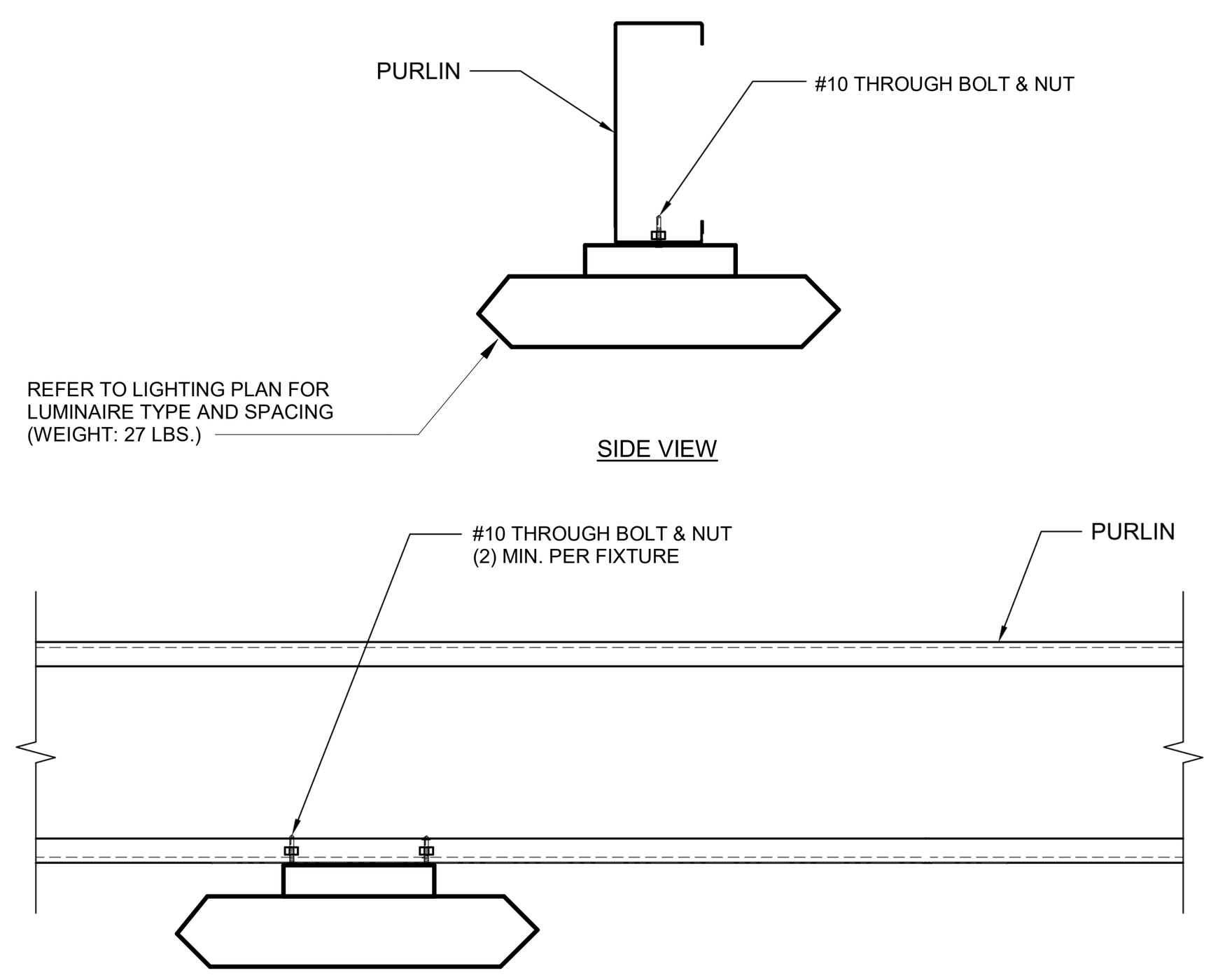
SHEET NAME:
ELECTRICAL SITE PLAN

ADDENDUM 4

FILE NO.: 41-26	A NO.: 01-120306
DATE: 10/20/2022	PROJ NO: 3542-004

SHEET:
E1.1

PLEASE RECYCLE



3 LUMINAIRE MOUNTING ON PURLIN DETAIL
SCALE: 1/4" = 1'-0"

GENERAL NOTES

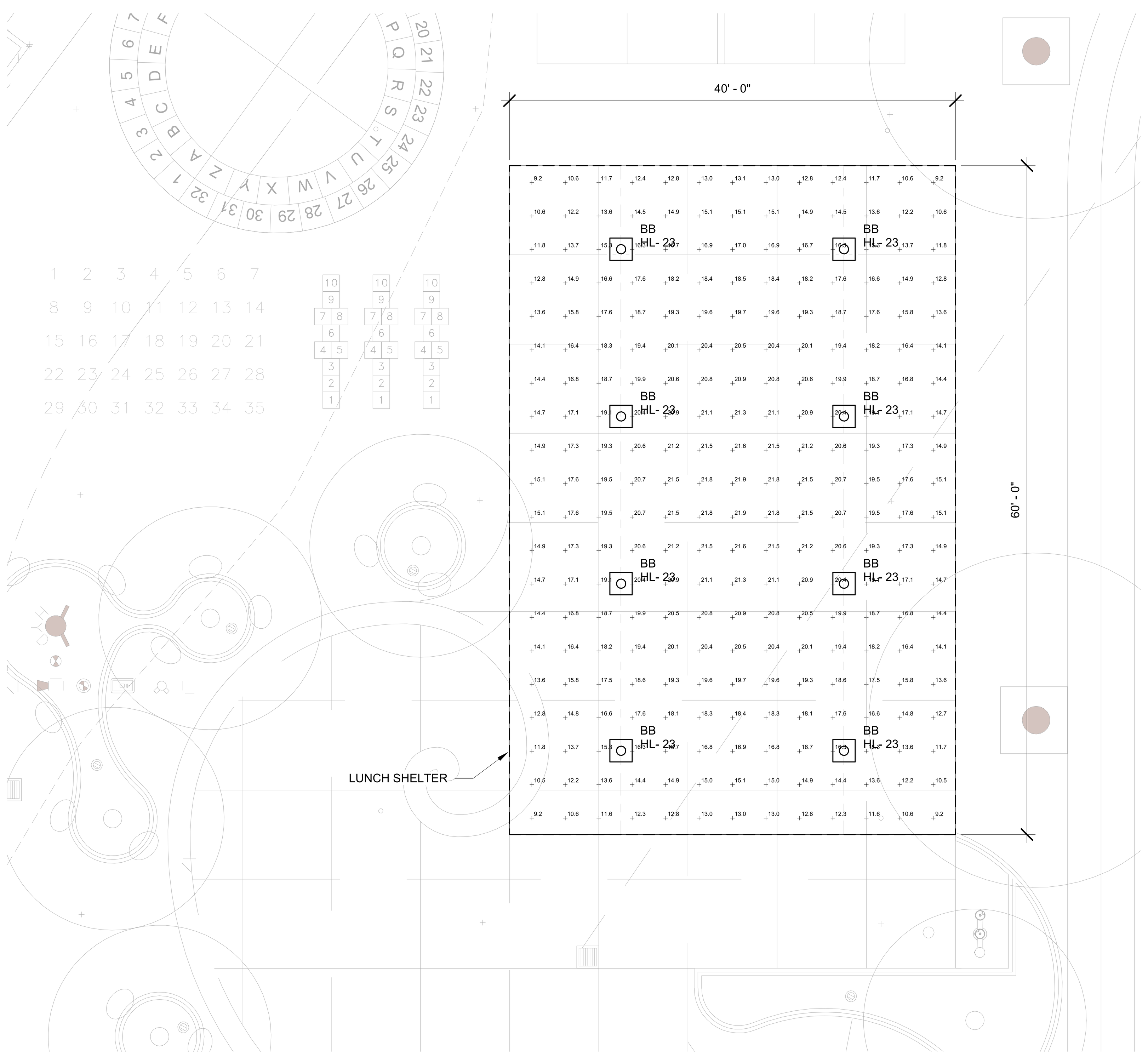
A. FIELD VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK AND NOTIFY ARCHITECT/ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.

B. ALL ELECTRICAL DEVICE PROVIDED SHALL BE RATED FOR THE TYPE OF ENVIRONMENT IT IS BEING SUBJECTED TO.

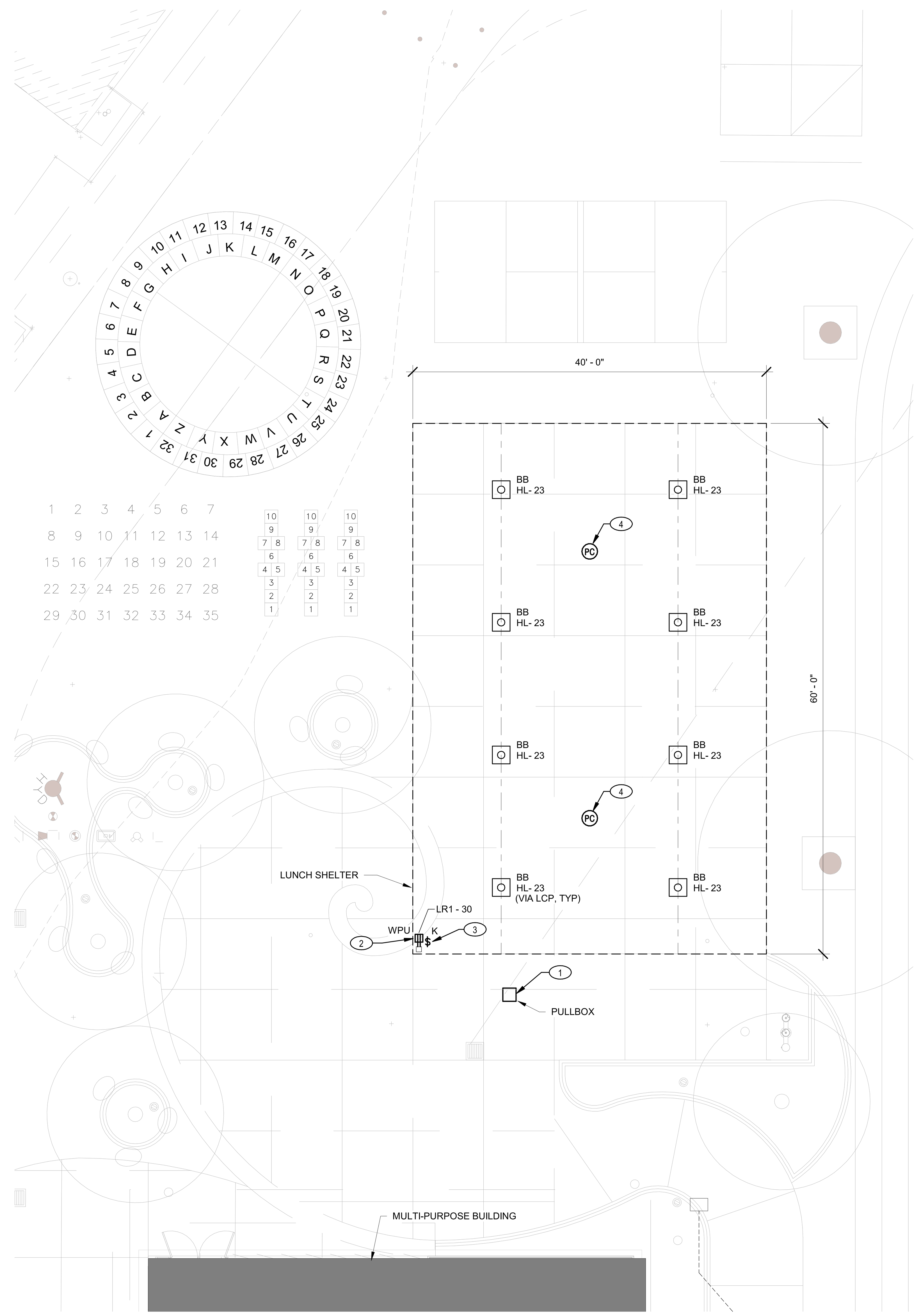
C. REFER TO E0.1 FOR ADDITIONAL GENERAL NOTES.

D. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED PER TITLE 24.
   a) SECTION 130.2(b), LUMINAIRE CUTOFF REQUIREMENTS.
   b) SECTION 130.2(c), CONTROLS FOR OUTDOOR LIGHTING.
      130.2(c)(1) DAYLIGHTING AVAILABILITY.
      130.2(c)(2) AUTOMATAC SCHEDULING CONTROLS.
      130.2(c)(3) MOTION SENSING CONTROLS.

E. FOR EGRESS PATHWAY TO AREA OF SAFE DISPERSAL REFER TO SHEET E1.2



2 LUNCH SHELTER ELECTRICAL PHOTOMETRIC PLAN
SCALE: 1/8" = 1'-0"
N.I.C. - LUNCH SHELTER STRUCTURE WILL BE UNDER SEPARATE PROJECT



1 FUTURE LUNCH SHELTER ELECTRICAL SITE PLAN
SCALE: 1/8" = 1'-0"
N.I.C. - LUNCH SHELTER STRUCTURE WILL BE UNDER SEPARATE PROJECT

LUMINAIRE SCHEDULE

Symbol	Qty	Label	Arrangement	Description	Lum.Lumens	LLF	Filename
○	8	BB	SINGLE	LUNCH SHELTER LIGHTING GRDCO-SFC-3-48L-250-NW-G2	4636	1	FC-3-48L-250-NW-G2.IES

Calculation Summary
Scene: GENERAL

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
BB	Illuminance	FC	17.0	21.9	9.2	1.8:1	2.4:1

LIGHTING FIXTURE SCHEDULE - LS

TYPE	MANUFACTURER	MODEL	LAMP	LUMENS	COLOR TEMPERATURE	VOLTS	WATTS	MOUNTING	DESCRIPTION
BB	GARDCO	SFC-DD-3-48L-250-NW-G2-UNV-MGY-F1	LED	4636 lm	4000 K	277 V	38.0 W	SURFACE MTD ON BEAM	SLENDER LED LUMINAIRE, BUG: B1-U0-G1

PN

AGENCY APPROVAL:
DSA # 119574
FILE # 41-26

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[redacted]

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KEYNOTES

1. PROVIDE CHRISTY PULL BOX, B09, (1)1"C WITH 2#10 CU + 1#10 CU GND FROM PANEL "HL", CIRCUIT #23 FOR LIGHTING AT THE LUNCH AREA.
2. PROVIDE WEATHER PROOF LOCABLE WHILE IN USE RECEPTACLE, MOUNTED AT +18" AFF ON THE LUNCH SHELTER COLUMN, PROVIDE 2#10 CU + 1#10 CU GND, 1"C FROM PANEL "LR1", CIRCUIT #30.
3. PROVIDE KEY-SWITCH IN A WEATHERPROOF GANGBOX WITH WEATHERPROOF COVER OVER TO CONTROL THE LUNCH SHELER. LIGHTING AT THE SHELTER TO BE VIA LCP.
4. PHOTOCELL TO BE MOUNTED ON THE UNDERSIDE OF PURLIN. PROVIDE MOUNTING HARDWARE AND SUPPORT AS REQUIRED.

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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
LUNCH SHELTER ELECTRICAL SITE PLAN & PHOTOMETRIC PLAN

ADDENDUM 4

FILE NO.: 41-26 A NO.: 01-120306

DATE: 10/20/2022 PROJ NO: 3542-004

SHEET:
4 **E1.1A**

11/17/2023 10:12:30 AM

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	MODEL	LAMP	LUMENS	COLOR TEMPERATURE	VOLTS	WATTS	MOUNTING	DESCRIPTION
B	FINELITE	HPR-LED-ANR-2x4-DCO-B-835-277-SC-XX	LED	4626 lm	3500 K	277 V	36.0 W	T-BAR LAY-IN	2X4 ARCHITECTURAL LUMINAIRE
BB	GARDCO	SFC-DD-3-48L-250-NW-G2-UNV-MGY-F1	LED	4636 lm	4000 K	277 V	38.0 W	SURFACE MTD ON BEAM	SLENDER LED LUMINAIRE, BUG: B1-U0-G1
C	FINELITE	HPR-LED-ANR-2x2-DCO-S-835-277-SC-XX	LED	3397 lm	3500 K	277 V	29.0 W	T-BAR LAY-IN	2X2 ARCHITECTURAL LUMINAIRE
D1	PHILIPS LIGHTOLIER	C6RN-C6L20835WZ10U	LED	2000 lm	3500 K	277 V	22.0 W	RECESSED - CEILING	5" LED DOWNLIGHT WITH 0-10V DIMMING DRIVE, IC RATED
D2	H.E. WILLIAMS	8CRD1-TL-L40-8-35-D-F-BLK-DIM-UNV-O-W-BL-CM120	LED	4000 lm	3500 K	277 V	36.5 W	PENDANT@ 10' AFF	8" DIRECT CYLINDER, ROUND LED TYPE LUMINAIRE, WITH 0-10V DIMMING DRIVER.
E	H.E. WILLIAMS	75R-4-L30/835-DIM-277V	LED	5500 lm	3500 K	277 V	19.7 W	SURFACE - CEILING	4FT LED STRIP LIGHT WITH 0-10V DIMMING DRIVER
F1	FINELITE	HP-4-P-D-8-H-835-FC-10%-LGD18W	LED	5760 lm	3500 K	277 V	56.8 W	PENDANT	8FT DIRECT LUMINAIRE WITH LED FLUSH DIFUS, 0-10V DIMMING DRIVER. PROVIDE 18 WATT 90 MIN EMERGENCY BATTERY WHERE MARKED AS EMERGENCY
F1E	FINELITE	HP-4-P-D-8-H-835-FC-10%-LGD18W	LED	5760 lm	3500 K	277 V	56.8 W	PENDANT	8FT DIRECT LUMINAIRE WITH LED FLUSH DIFUS, 0-10V DIMMING DRIVER. PROVIDE 18 WATT 90 MIN EMERGENCY BATTERY WHERE MARKED AS EMERGENCY
P	METEOR LIGHTING	VA6 - PCS16 - 75 - 358 - UNV - STV - BLK - AD10	LED	8068 lm	3500 K	277 V	75.0 W	PENDANT@ 14' AFF	ROUND LED TYPE LUMINAIRE, WITH 0-10V DIMMING DRIVER.
S1	GARDCO	P26-48L-500mA-NW-G2-AR-2-UNV-IMRI3-F1-TB-BK	LED	10755 lm	4000 K	277 V	74.4 W	POLE	SITE PEDESTRIAN POLE MOUNTED @14' AFF. SEE DETAIL 1/E5.2. CIRCUITED TO LIGHTING INVERTER. B=2, U=0, G=2
S1E	H.E. WILLIAMS,INC.	97-4-L79/840-FR-WET/2	LED	7920 lm	4000 K	277 V	64.0 W	SURFACE	SURFACE-MOUNTED LED ENCLOSED AND GASKETED LUMINAIRE
S2	GARDCO	P26-48L-500mA-NW-G2-AR-2-UNV-IMRI3-F1-TB-BK	LED	10755 lm	4000 K	277 V	74.4 W	POLE	SITE POLE MOUNTED @25' AFF. SEE DETAIL 1/E5.2. B=2, U=0, G=2
S3	GARDCO	P26-48L-500mA-NW-G2-AR-4-UNV-IMRI3-F1-TB-BK	LED	(2)10755 lm	4000 K	277 V	(2) 74.4 W	POLE	
S4	GARDCO	P26-48L-500mA-NW-G2-AR-BLC-UNV-IMRI3-F1-TB-BK	LED	10755 lm	4000 K	277 V	74.4 W	POLE	SITE PEDESTRIAN POLE MOUNTED @14' AFF. CIRCUITED TO LIGHTING INVERTER. B=1, U=0, G=0
W	GARDCO	111L-16L-550-NW-G3-3-UNV-PCB-F1-BZ	LED	3678 lm	4000 K	277 V	64.0 W	SURFACE	SURFACE-MOUNTED LED ENCLOSED AND GASKETED LUMINAIRE
W2-1	CORE ARCH LIGHTING	LSMW60 40K 16 24 ALP-140	LED	500 lm	4000 K	277 V	6.0 W	SURFACE - CEILING	1.38" X 1.38" 6.0W/LF OUTDOOR FLEXIBLE LED STIP. REMOTE DIMMING DRIVER SHALL BE CONCEAL. PROVIDE COMPATIBLE TRANSFORMER PSDM SERIES AND SHALL BE SIZED PER EVERY 16-FT.
W2-2	CORE ARCH LIGHTING	LSMW60 40K 16 24 ALP-140	LED	500 lm	4000 K	277 V	12.0 W	SURFACE - CEILING	1.38" X 1.38" 6.0W OUTDOOR FLEXIBLE LED STIP. REMOTE DIMMING DRIVER
W2-4	CORE ARCH LIGHTING	LSMW60 40K 16 24 ALP-140	LED	500 lm	4000 K	277 V	24.0 W	SURFACE - CEILING	1.38" X 1.38" 6.0W/LF OUTDOOR FLEXIBLE LED STIP. REMOTE DIMMING DRIVER SHALL BE CONCEAL. PROVIDE COMPATIBLE TRANSFORMER PSDM SERIES AND SHALL BE SIZED PER EVERY 16-FT.
W2E-4	CORE ARCH LIGHTING	LSMW60 40K 16 24 ALP-140	LED	500 lm	4000 K	277 V	24.0 W	SURFACE - CEILING	1.38" X 1.38" 6.0W/LF OUTDOOR FLEXIBLE LED STIP. REMOTE DIMMING DRIVER SHALL BE CONCEAL. PROVIDE COMPATIBLE TRANSFORMER PSDM SERIES AND SHALL BE SIZED PER EVERY 16-FT.
X	EVENLITE	RZR3-EM-R-WH-SD	LED	N/A	N/A	277 V	2.4 W	SURFACE - CEILING	EDGE-LIT EXIT SIGN WITH EMERGENCY BATTERY PACK AND SELF-DIAGNOSTICS.(SEE PLANS FOR ARROWS & NO. OF FACES)

LIGHTING FIXTURE NOTES:
1. ALL DRIVERS SHALL BE CEC CERTIFIED
2. COORDINATE LUMINAIRE FINISH WITH ARCHITECT (TYPICAL)
3. COORDINATE LUMINARE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH IN (TYPICAL)
4. POLE LIGHTS, PROVIDE GARDCO POLE/BRACKET STREIGHT ROUND STEEL "SRS". REFER TO LIGHT TYPE "S1", "S3" AND "S4" DEDICATED FOR AREA OF SAFE DISPERSAL AT 14" AFG SHALL BE 4" DIA POLE. REFER TO LIGHT SCHEDULE FOR POLE HEIGHT REQUIREMENTS. FOR CONCRETE BASE, REFER TO DETAIL 1/E5.2.
5. POLE LIGHTS, PROVIDE GARDCO POLE/BRACKET STREIGHT ROUND STEEL "SRS". REFER TO LIGHT TYPE "S2" AND "S3" DEDICATED AT THE PARKING AND SIDE WALK AT 25" AFG SHALL BE 5" DIA POLE. REFER TO LIGHT SCHEDULE FOR POLE HEIGHT REQUIREMENTS. FOR CONCRETE BASE, REFER TO DETAIL 1/E5.2.
6. LIGHT FIXTURE TYPE "W" SHOWN ON THE LIGHT FIXTURE SCHEDULE IS SHOWN FOR REFERENCE ONLY AND IT WILL BE FURNISHED AND INSTALLED UNDER FUTURE PACKAGE.

Branch Panel: HL

Location: Electrical RM **Supply From:** HDP **Mounting:** Surface **Enclosure:** Type 1
Volts: 480/277 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 42,000 **Mains Type:** MLO **Mains Rating:** 100 A **MCB Rating:** 100 A

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	LTG - INTERIOR	20 A	1	1,277			0			1	20 A	SPARE	2
3	LTG - INTERIOR	20 A	1		408			0		1	20 A	SPARE	4
5	LTG - INTERIOR	20 A	1			478			0	1	20 A	SPARE	6
7	LTG - STAGE	20 A	1	411			0			1	20 A	SPARE	8
9	SPARE	20 A	1		0			0		1	20 A	SPARE	10
11	SPARE	20 A	1			0			0	1	20 A	SPARE	12
13	SPARE	20 A	1	0			0			1	20 A	SPARE	14
15	SPARE	20 A	1		0			0		1	20 A	SPARE	16
17	SPARE	20 A	1			0			889	1	20 A	INV	18
19	LTG - EXTERIOR BLDG	20 A	1	541			0			--	--	PFB	20
21	SPARE	20 A	1		0			0		--	--	PFB	22
23	LTG - SITE - LUNCH SHELTER	20 A	1			304			0	--	--	PFB	24
25	LTG - SITE	20 A	1	298			0			--	--	PFB	26
27	LTG - SITE	20 A	1		296			0		--	--	PFB	28
29	SPARE	20 A	1			0			0	--	--	PFB	30
31	SPARE	20 A	1	0			0			--	--	PFB	32
33	SPARE	20 A	1		0			0		--	--	PFB	34
35	SPACE	--	--			0			0	--	--	PFB	36
37	PFB	--	--	0			0			--	--	PFB	38
39	PFB	--	--		0			0		--	--	PFB	40
41	PFB	--	--			0			0	--	--	PFB	42
			Total Load:	3,532 VA		704 VA		1,671 VA					
			Total Amps:	13 A		3 A		7 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	2342 VA	125.00%	2928 VA		
Lighting - Dwelling Unit	304 VA	100.00%	304 VA	Total Conn. Load:	5,881 VA
LTG	3277 VA	125.00%	4096 VA	Total Est. Demand:	7,276 VA
				Total Conn. Current:	7 A
				Total Est. Demand Current:	9 A

Notes:

LTG INVERTER INV

Location: Electrical RM **Supply From:** HL **Mounting:** Surface **Enclosure:** Type 1
Volts: 277/277 Sinlge **Phases:** 1 **Wires:** 2
A.I.C. Rating: 42,000 **Mains Type:** MCB **Mains Rating:** 20 A **MCB Rating:** 20 A

Notes:

CKT	Circuit Description	Trip	Poles	Load
1	LTG - INTERIOR	20 A	1	316 VA
2	LTG - EXTERIOR BLDG	20 A	1	436 VA
3	LTG - SITE	20 A	1	298 VA
4	LTG - MULTI PURPOSE ROOM	20 A	1	600 VA
5	SPARE	20 A	1	277 VA
			Total Load:	889 VA
			Total Amps:	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
LTG	917 VA	125.00%	1146 VA		
				Total Conn. Load:	1,911 VA
				Total Est. Demand:	2,389 VA
				Total Conn. Current:	7 A
				Total Est. Demand Current:	9 A

Notes:

DIST. Panel: HDP

Location: Electrical RM **Supply From:** MSB **Mounting:** Surface **Enclosure:** Type 1
Volts: 480/277 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 42,000 **Mains Type:** MCB **Mains Rating:** 400 A **MCB Rating:** 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C
1,2,3	HM	200 A	3	16433 VA	16433 VA	13433 VA
4,5,6	HL	100 A	3	3532 VA	704 VA	1671 VA
7,8,9	XFMR "X1"	175 A	3	33877 VA	34148 VA	33923 VA
10,11,12	XFMR "X2"	75 A	3	16700 VA	6700 VA	6700 VA
13,14,15	PHP-1	125 A	3	25062 VA	25052 VA	25052 VA
16	SPARE	100 A	1	0 VA		
17	SPACE	--	--		0 VA	
18	SPACE	--	--			0 VA
19	SPACE	--	--	0 VA		
20	SPACE	--	--		0 VA	
21	SPACE	--	--			0 VA
			Total Load:	95583 VA	83002 VA	80709 VA
			Total Amps:	346 A	301 A	291 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	1350 VA	122.22%	1650 VA		
RECEPT	33831 VA	64.78%	21916 VA	Total Conn. Load:	259294 VA
LTG	3277 VA	125.00%	4096 VA	Total Est. Demand:	259319 VA
				Total Conn. Current:	312 A
				Total Est. Demand Current:	312 A

Notes:

Branch Panel: HM

Location: Electrical RM **Supply From:** HDP **Mounting:** Surface **Enclosure:** Type 1
Volts: 480/277 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 42,000 **Mains Type:** MLO **Mains Rating:** 225 A **MCB Rating:** 225 A

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	PHP-2	20 A	3	4,433			0			3	20 A	PE-1, 5HP - FOR PHP-1	2
3	--	--	--		4,433			0		--	--	--	4
5	--	--	--			4,433			0	--	--	--	6
7	PE-2, 1/2HP, FOR PHP-2	15 A	3	0			9,000			3	45 A	WH-1	8
9	--	--	--		0			9,000		--	--	--	10
11	--	--	--			0			9,000	--	--	--	12
13	WH-2	20 A	2	3,000			0			1	20 A	SPARE	14
15	--	--	--		3,000			0		1	20 A	SPARE	16
17	SPARE	20 A	1			0			0	1	20 A	SPARE	18
19	SPARE	20 A	1	0			0			1	20 A	SPARE	20
21	SPARE	20 A	1		0			0		1	20 A	SPARE	22
23	SPARE	20 A	1			0			0	1	20 A	SPARE	24
25	SPARE	20 A	1	0			0			1	20 A	SPARE	26
27	SPARE	20 A	1		0			0		1	20 A	SPARE	28
29	SPARE	20 A	1			0			0	1	20 A	SPARE	30
31	PFB	--	--	0			0			--	--	PFB	32
33	PFB	--	--		0			0		--	--	PFB	34
35	PFB	--	--			0			0	--	--	PFB	36
37	PFB	--	--	0			0			--	--	PFB	38
39	PFB	--	--		0			0		--	--	PFB	40
41	PFB	--	--			0			0	--	--	PFB	42
			Total Load:	16,433 VA		16,433 VA		13,433 VA					
			Total Amps:	61 A		61 A		48 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	13299 VA	125.00%	16624 VA		
Heating	33000 VA	100.00%	33000 VA	Total Conn. Load:	46,299 VA
				Total Est. Demand:	49,624 VA
				Total Conn. Current:	56 A
				Total Est. Demand Current:	60 A

Notes:

AGENCY APPROVAL:
DSA # 119574
FILE # 41-26

SAN MATEO-FOSTER CITY SCHOOL DISTRICT
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FOSTER CITY, CA 94404
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Δ	DESCRIPTION	DATE
	DSA Backcheck	8-15-2022
2	Addendum 2	10-22-2023
4	Addendum 4	11-21-2023

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Roseville, CA 95678
p 916-771-0778
www.lpengineers.com
Job #: 21-2082

REGISTERED PROFESSIONAL ENGINEER
RAMI S. ZEIDAN
No. E 16762
EXP. 9-30-24
ELECTRICAL
STATE OF CALIFORNIA

FACILITY:
PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST.
SAN MATEO, CA 94403

PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
ELECTRICAL PANEL AND LIGHTING SCHEDULES

ADDENDUM 4

FILE NO.: 41-26 A NO.: 01-120306
DATE: 10/20/2022 PROJ NO: 3542-004
SHEET:
E7.1

Branch Panel: LM

Location: Electrical RM | **Supply From:** LDP | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 10,000 | **Mains Type:** MLO | **Mains Rating:** 100 A | **MCB Rating:** 100 A

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	HP-1 & FC-1	25 A	2	1,660			180			1	20 A	DUCT SMOKE DETECTOR PHP-1	2
3	--	--	--		1,660			720		1	20 A	RECEPT - ROOF	4
5	HP-2 & FC-2	30 A	2			1,996			180	1	20 A	RECEPT - ROOF	6
7	--	--	--	1,996			8			1	20 A	CEF-1	8
9	ODU-1 & IDU-1	30 A	2		3,030			8		1	20 A	CEF-2	10
11	--	--	--			1,830			15	1	20 A	CEF-3	12
13	ODU-2 & IDU-2	30 A	2	3,030			15			1	20 A	CEF-4	14
15	--	--	--		1,830			22		1	20 A	CEF-5	16
17	CP-1	20 A	1			41			93	1	20 A	CONDENSATE PUMP FOR FC-2	18
19	CP-2	20 A	1	41			93			1	20 A	CONDENSATE PUMP FOR FC-1	20
21	KEF-1 - ROOF	20 A	1		50			93		1	20 A	CONDENSATE PUMP FOR IDU-1	22
23	ODU-3 & IDU-3	30 A	2			3,030			93	1	20 A	CONDENSATE PUMP FOR IDU-2	24
25	--	--	--	1,830			93			1	20 A	CONDENSATE PUMP FOR IDU-3	26
27 (2)	SPARE	20 A	1		0			200		1	20 A	JUNCTION BOX PANEL EMS	28
29	SPARE	20 A	1			0			0	1	20 A	SPARE	30
31	SPARE	20 A	1	0			0			1	20 A	SPARE	32
33	SPARE	20 A	1		0			0		1	20 A	SPARE	34
35	SPARE	20 A	1			0			0	--	--	PFB	36
37	SPARE	20 A	1	0			0			--	--	PFB	38
39	SPARE	20 A	1		0			0		--	--	PFB	40
41	SPARE	20 A	1			0			0	--	--	PFB	42
			Total Load:	8,946 VA		7,613 VA		7,278 VA					
			Total Amps:	75 A		64 A		61 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	150 VA	106.83%	160 VA		
HVAC	21892 VA	104.56%	22890 VA	**Total Conn. Load:**	23,837 VA
Power	50 VA	100.00%	50 VA	**Total Est. Demand:**	24,845 VA
RECEPT	1745 VA	100.00%	1745 VA	**Total Conn. Current:**	66 A
				Total Est. Demand Current:	69 A

Notes:

DIST. Panel: LDP

Location: Electrical RM | **Supply From:** XFMR "X1" | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 10,000 | **Mains Type:** MCB | **Mains Rating:** 400 A | **MCB Rating:** 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C
1,2,3	LR1	150 A	3	7120 VA	8690 VA	8140 VA
4,5,6	LM	100 A	3	8946 VA	7613 VA	7278 VA
7,8,9	LK	175 A	3	17811 VA	17845 VA	18505 VA
10,11,12	SPARE	100 A	3	0 VA	0 VA	0 VA
13	SPACE	--	--	0 VA		
14	SPACE	--	--		0 VA	
15	SPACE	--	--			0 VA
16	SPACE	--	--	0 VA		
17	SPACE	--	--		0 VA	
18	SPACE	--	--			0 VA
19	SPACE	--	--	0 VA		
20	SPACE	--	--		0 VA	
21	SPACE	--	--			0 VA
			Total Load:	33877 VA	34148 VA	33923 VA
			Total Amps:	282 A	285 A	283 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	1350 VA	122.22%	1650 VA		
RECEPT	33831 VA	64.78%	21916 VA	**Total Conn. Load:**	101947 VA
				Total Est. Demand:	82805 VA
				Total Conn. Current:	283 A
				Total Est. Demand Current:	230 A

Notes:

Branch Panel: LR1

Location: Electrical RM | **Supply From:** LDP | **Mounting:** Surface | **Enclosure:** Type 1
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 10,000 | **Mains Type:** MLO | **Mains Rating:** 225 A | **MCB Rating:** 225 A

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	RECEPT - OFF/PE STORAGE	20 A	1	1,080			180			1	20 A	RECEPT - ELEC ROOM	2
3	RECEPT - OFF/PE STORAGE	20 A	1		360			1,250		1	20 A	RECEPT - REFRIGERATOR, PTA ROOM	4
5	RECEPT - OFF/PE STORAGE	20 A	1			720			180	1	20 A	RECEPT - ABOVE COUNTER	6
7	RECEPT - RESTROOMS	20 A	1	720			180			1	20 A	RECEPT - ABOVE COUNTER	8
9	RESTROOMS PPDIS/LAVATORIES/FLUSH...	20 A	1		260			180		1	20 A	RECEPT - WATER FOUNTAIN	10
11	RECEPT - GFIC EXTERIOR	20 A	1			720			180	1	20 A	RECEPT - IDF ROOM	12
13	RECEPT - GFIC EXTERIOR	20 A	1	540			360			1	20 A	RECEPT - IDF AMP	14
15	RECEPT - PTA ROOM	20 A	1		900			360		1	20 A	RECEPT - IDF RACK	16
17	RECEPT - PLATFORM	20 A	1			720			360	1	20 A	RECEPT - IDF INTR	18
19	RECEPT CUSTORIAL/TABLE STORAGE	20 A	1	1,080			360			1	20 A	RECEPT - IDF EMS	20
21	RECEPT - MULTI PURPOSE ROOM	20 A	1		720			360		1	20 A	RECEPT - AV CABINET	22
23	RECEPT - MULTI PURPOSE ROOM	20 A	1			720			360	1	20 A	RECEPT - AV CABINET	24
25	RECEPT - MULTI PURPOSE ROOM	20 A	1	360			700			2	30 A	RECEPT - IDF RACK	26
27	ELECTRIC SHADES	20 A	1		1,200			700		--	--	--	28
29	ELECTRIC SHADES	20 A	1			1,200			180	1	20 A	RECEPT - LUNCH SHELTER (4)	30
31	ELECTRIC SHADES	20 A	1	1,200			0			1	20 A	SPARE	32
33	ELECTRIC SHADES	20 A	1		1,200			0		1	20 A	SPARE	34
35	PROJECTOR SCREEN	20 A	1			1,000			250	1	20 A	EXTERIOR MARQUEE SIGN	36
37	RECEPT - CEILING MOUNTED PROJECTOR	20 A	1	180			180			1	20 A	IRRIGATION CONTROLLER	38
39	SPARE	20 A	1		0			1,200		1	20 A	[2]FIRE RISER FLOW SWITCH, STROBE/HORN	40
41	ADA LIFT	20 A	1			1,200			350	1	20 A	[2]FIRE ALAMR POWER SUPPLY	42
			Total Load:	7,120 VA		8,690 VA		8,140 VA					
			Total Amps:	59 A		74 A		69 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	180 VA	125.00%	225 VA		
Power	2200 VA	100.00%	2200 VA	**Total Conn. Load:**	23,950 VA
RECEPT	21570 VA	73.18%	15785 VA	**Total Est. Demand:**	18,210 VA
				Total Conn. Current:	66 A
				Total Est. Demand Current:	51 A

Notes:
1. - MULTIPLE CIRCUITS SHARING THE SAME CONDUIT AND NEUTRAL SHALL HAVE HANDLE TIES AT BREAKERS AND WIRE IN PANEL TIES PER CEC 210.4. 2.- BREAKER ASSIGNED FOR FIRE ALARM SYSTEM SHALL BE PAINTED RED/MARKED WITH RED AND BE PROVIDED WITH A LOCK-ON DEVICE.

Branch Panel: LK

Location: Servery/Kitchen RM | **Supply From:** LDP | **Mounting:** Recessed | **Enclosure:** NEMA 3
Volts: 120/208 Wye | **Phases:** 3 | **Wires:** 4
A.I.C. Rating: 10,000 | **Mains Type:** MCB | **Mains Rating:** 225 A | **MCB Rating:** 225 A

Notes:

CKT	Load Name	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Load Name	CKT
1	EQUIPMENT 5 (REFRIGERATOR)	20 A	1	1,420			360			1	20 A	RECEPT - SERVERY	2
3	EQUIPMENT 6 (FREEZER)	20 A	2		830			360		1	20 A	RECEPT - SERVERY	4
5	--	--	--			830			180	1	20 A	RECEPT - KITCHEN	6
7	EQUIPMENT 24 (DISHMACHINE)	70 A	3	6,449			180			1	20 A	RECEPT - KITCHEN	8
9	--	--	--		6,449			180		1	20 A	RECEPT - KITCHEN	10
11	--	--	--			6,449			180	1	20 A	RECEPT - KITCHEN	12
13	EQUIPMENT 15 (HEATED CABINET)	20 A	1	180			3,603			3	40 A	EQUIPMENT 3 (STACKED OVEN)	14
15	EQUIPMENT 16 (MOBILE HEATED SERV CART)	30 A	1		2,640			3,603		--	--	--	16
17	EQUIPMENT 16 (MOBILE HEATED SERV CART)	30 A	1			2,640			3,603	--	--	--	18
19	SPARE	20 A	1	0			3,603			3	40 A	EQUIPMENT 3 (STACKED OVEN)	20
21	SPARE	20 A	1		0			3,603		--	--	--	22
23	EQUIPMENT 17 (MOBILE SALD BAR)	20 A	1			1,020			3,603	--	--	--	24
25	EQUIPMENT 18 (MILK COOLER)	20 A	1	816			1,200			1	20 A	EQUIPMENT 4 (TYPE 2 EHAUST HOOD)	26
27	EQUIPMENT 20 (POS)	20 A	1		180			0		1	20 A	SPARE	28
29	SPARE	20 A	1			0			0	1	20 A	SPARE	30
31	SPARE	20 A	1	0			0			1	20 A	SPARE	32
33	SPARE	20 A	1		0			0		1	20 A	SPARE	34
35	PFB	--	--			0			0	--	--	PFB	36
37	PFB	--	--	0			0			--	--	PFB	38
39	PFB	--	--		0			0		--	--	PFB	40
41	PFB	--	--			0			0	--	--	PFB	42
			Total Load:	17,811 VA		17,845 VA		18,505 VA					
			Total Amps:	148 A		149 A		154 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	1200 VA	125.00%	1500 VA		
RECEPT	10336 VA	98.37%	10168 VA	**Total Conn. Load:**	54,160 VA
				Total Est. Demand:	45,767 VA
				Total Conn. Current:	150 A
				Total Est. Demand Current:	127 A

Notes:

AGENCY APPROVAL:
DSA # 119574
FILE # 41-26

SAN MATEO-FOSTER CITY SCHOOL DISTRICT
1170 CHESS DR.,
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Δ	DESCRIPTION	DATE
	DSA Backcheck	8-15-2022
2	Addendum 2	10-22-2023
4	Addendum 4	11-21-2023

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Job #: 21-2082

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No. E 16762
EXP. 9-30-24
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STATE OF CALIFORNIA

FACILITY:
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1685 EISENHOWER ST.
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PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
ELECTRICAL PANEL SCHEDULES

ADDENDUM 4

FILE NO.: 41-26 | A NO.: 01-120306
DATE: 10/20/2022 | PROJ NO: 3542-004

SHEET:
E7.2

THE LINE SHOWN ABOVE IS EXACTLY ONE INCH LONG AT THIS SHEETS ORIGINAL PAGE SIZE

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.			
Project Name: Parkside Montessori MPR		**Report Page:**	(Page 1 of 7)
Project Address:	1685 Eisenhower Street	**Date Prepared:**	11/16/2023

A. GENERAL INFORMATION

01	Project Location (city)	San Mateo	04	Total Illuminated Hardscape Area (ft^2)	0
02	Climate Zone	3			
03	Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐	LZ-4: High - Must be reviewed by CA Energy Commission for Approval	
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
• All Other Occupancies					

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02	
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6	
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)? ○ Yes ○ No	
03	04	05
% of Existing Luminaires Being Altered[1]	Sum Total of Luminaires Being Added or Altered	Calculation Method
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%		

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Parkside Montessori MPR	**Report Page:**	(Page 2 of 7)
	Date Prepared:	11/16/2023

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv													Compliance Results			
01		02		03		04		05		06		07		08	09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
0	+	---	+	---	+	---	+	304	OR	---	=	304	≥	304	COMPLIES
Shielding Compliance (See Table G for Details)															N/A
Controls Compliance (See Table H for Details)															COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Parkside Montessori MPR	**Report Page:**	(Page 3 of 7)
	Date Prepared:	11/16/2023

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires [2]	Luminaire Status[3]	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1[4]	Field Inspector	
										Pass	Fail
BB	BB GARDCO-SFC-DD-3-48L-250-NW-G2	☐ Linear	38	Mfr. Spec	8	New	☐	304	NA: < 6200 lumens	☐	☐
							Total Design Watts:	304			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)*

[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*

[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*

[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b)/ 160.5(c)*

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Parkside Montessori MPR	**Report Page:**	(Page 4 of 7)
	Date Prepared:	11/16/2023

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector	
				Pass	Fail
Lunch Shelter	Photocontrol	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
Lunch Shelter	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*

[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*

[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.	01				
		"Use it or lose it" Allowance (select all that apply) (select all that apply)			
	☐ General Hardscape Allowance Table I (below)	☐ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☒ Per Specific Area Table M

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Parkside Montessori MPR	**Report Page:**	(Page 5 of 7)
	Date Prepared:	11/16/2023

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	**CALCULATED ALLOWANCE (Watts)**			**DESIGN WATTS**				Additional Allowance (Watts)
		Specific Area (ft^2)[1]	Allowed Density (W/ft^2)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
Lunch Shelter	NonSalesCanopy	2400	0.3	648	BB	38	8	304	304
							Total Design Watts for this Area:	304	
								Total Allowance (Watts) All Areas:	304

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-S for rules for calculating the specific areas (ft^2 for these additional lighting allowances.*

[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Parkside Montessori MPR	**Report Page:**	(Page 6 of 7)
	Date Prepared:	11/16/2023

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Lunch Shelter; Lunch Shelter;

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE			NRCC-LTO-E
Project Name: Parkside Montessori MPR		**Report Page:**	(Page 7 of 7)
Project Address:	1685 Eisenhower Street	**Date Prepared:**	11/16/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Juan Hidalgo	Documentation Author Signature:
Company:	Signature Date: 2023-11-16
Address: 777 Grand Ave	CEA/ HERS Certification Identification (if applicable):
City/State/Zip: San Rafael CA 94901	Phone: 415-843-5329

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Rami S Zeidan	Responsible Designer Signature:
Company: LP Consulting Engineers	Date Signed: 2023-11-16
Address: 1209 Pleasant Grove Blvd	License: E 16762
City/State/Zip: Roseville CA 95678	Phone: 916.771.0778

AGENCY APPROVAL:

DSA # 119574
FILE # 41-26

SAN MATEO-FOSTER CITY SCHOOL DISTRICT
1170 CHESS DR.,
FOSTER CITY, CA 94404

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HMC Architects

3542005-000

333 W. SAN CARLOS STREET,
STUDIO 750, SAN JOSE, CA, 95110
909 989 9979 / www.hmcarchitects.com

Δ	DESCRIPTION	DATE
4	Addendum 4	11-21-2023

CONSULTING ENGINEERS
1209 Pleasant Grove Blvd.
Roseville, CA 95678
p 916-771-0778
www.lpengineers.com
Job #: 21-2082

REGISTERED PROFESSIONAL ENGINEER
RAMI S. ZEIDAN
No. E 16762
EXP. 9-30-24
ELECTRICAL
STATE OF CALIFORNIA

FACILITY:
PARKSIDE MONTESSORI SCHOOL
1685 EISENHOWER ST.
SAN MATEO, CA 94403

PROJECT:
PARKSIDE MONTESSORI MULTIPURPOSE BLDG AND SITE WORK

SHEET NAME:
TITLE 24 COMPLIANCE - LUNCH SHELTER

ADDENDUM 4

FILE NO.: 41-26	A NO.: 01-120306
DATE: 10/20/2022	PROJ NO: 3542-004

SHEET:

4 **T24.5**

11/17/2023 10:12:34 AM

PLEASE RECYCLE