BakerNowicki design studio

ADDENDUM NO. 05

February 10, 2020

Murrieta Mesa High School New Classroom Building – DSA 04-118451

MURRIETA VALLEY UNIFIED SCHOOL DISTRICT

Project No - 02132020
DSA No. - 04-118451

The following changes, omissions, and/or additions to the Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addenda, and that all trades shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of this Addenda in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

In case of conflict between Drawings, Project Manual, and this Addenda, this Addenda shall govern.

GENERAL NOTE

1) Bid date and time and submission location remain unchanged, as noted in the bid documents.

BID SCOPE CLARIFICATIONS

1) BNDS ADDENDUM NO. 05 – CHANGES TO SPECIFICATIONS

a. CHANGES TO PROJECT MANUAL TABLE OF CONTENTS
DIVISION NO. 01 – GENERAL REQUIREMENTS
All Bid Packages –
1. Add Section 01 21 00 – Allowances

b. SPECIFICATION SECTIONS ISSUED
All Bid Packages –
1. Section 01 21 00 – Allowances: Entire Section added.

c. SPECIFIECATION SECTION NO. 096516 – RESILIENT FLOORING
Bid Package No. 07 –
1. Section updated, stair treads and risers added in paragraph 2.4.

2) BNDS ADDENDUM NO. 05 - ARCHITECTURAL DRAWINGS

a. SHEET NO. A8.3
Bid Package No. 07 –
Revise currently issued drawing per AD5-A14.

b. SHEET NO. A9.17 / DETAIL 6
Bid Package No. 07, Bid Package No 08 –
Revise currently issued drawing per AD5-A15.

3) BNDS ADDENDUM NO. 05 – CIVIL DRAWINGS

a. SHEET NO. C-2.1
Bid Package No. 01, Bid Package No. 13, Bid Package No. 14 –
Revise currently issued drawing per AD5-C01.

b. SHEET NO. C-3.1
Bid Package No. 01, Bid Package No. 13, Bid Package No. 14 –
Revise currently issued drawing per AD5-C02.

c. SHEET NO. C-4.1
Bid Package No. 01, Bid Package No. 13, Bid Package No. 14 –
Revise currently issued drawing per AD5-C03.

4) BNDS ADDENDUM NO. 05 – STRUCTURAL DRAWINGS

a. SHEET NO. S0.3
Bid Package No. 01, Bid Package No. 13, Bid Package No. 14 –
Revise currently issued drawing per AD5-S01.

PRE-BID REQUESTS FOR INFORMATION

1. PB008 – REVISED CONSULTANT RESPONSE –
SUPERSEDES RESPONSE ISSUED WITHIN ADDENDUM NO. 04
Bid Package No. 10 –
REVISED Response
Section 10419 Dimensional Letter Signage should be "***updated***" in Addendum 4, not "omitted".
It still occurs in the Hallway where the ROTC display is going.

2. PB014
Bid Package No. 01, Bid Package 14 –
Question
Drawing Sheet C-4.1 reflects a new 18" Reinforced Concrete Pipe (RCP) Storm Drain Line to be installed. This line if installed would be directly below the "Site Electrical Duct Bank of Conduit" and water lines. These electrical conduit duct bank and water lines would not be able to be safely supported. See attached photos reflecting the site utility markings, and also reference the attached Sketch SK-001 S.D.-RCP. We proposed to utilize the existing 18" RCP storm drain lines to the existing storm drain system. Please review and advise.

Response
The existing storm drain line is to be utilized rather than demolishing and relocating it.
3-sack slurry to be provided under footing along south side of the building to drop the zone of influence away from the existing storm drain. See Addendum 5 with updates on sheets C2.1, C3.1, C4.1, and S0.3.

3. PB041
Bid Package No. 10 –
Question
Please provide clarification and information on the following:
1. 08 62 01 - Tubular Skylights. This Spec has not been found. No skylights have been located on the drawings.
2. 10 26 00 Wall & Door Protection. These items have not been found on the plans. Spec also talks about corner guards not found on plans.
3. Cat 10 Scope Note 15 says to include Tackwall. This has been assigned to CAT 08?
4. Cat 10 Scope Note 25 "Tackable panels at soffits and above casework". Not found on plans? Tackable panels have been assigned to CAT 8?

Response
1. There are no skylights on this project.
2. Bid per plans and specs.
3. Cat 10 Scope Note 15 says to include tackwall - This is assigned to BP#10-Specialties, Building General to furnish and install.
4. Bid per plans and specs.

4. PB042
Bid Package No. 02, Bid Package No. 06, Bid Package No. 08 –
Question
1. Bid Package 02 makes reference to Specification 054000 Cold Form Framings as part of the Steel Scope, but has no other references or requirements as part of Scope. Is Metal Stud Framing per 055400 to be part of Bid Package 02?
2. Bid Package 02 also references Fire Resistive Coatings as part of Division 07 as part of the Steel Scope, but Bid Package 06 also seems to be required to provide Fire Resistive Coatings. Is Division 07 part of Bid Package 02 Scope?

Response

1. Bid Package No. 06 will be responsible for 054000 Cold-Formed Metal Framing.
2. Bid Package No. 02 will be responsible for layout of 078123 Intumescent Fireproofing and 099726 Cementitious Coatings as applies to all Bid Packages. Bid Package No. 06 will be responsible for 099726 Cementitious Coatings. Bid Package No. 08 will be responsible for 078123 Intumescent Fireproofing.

END OF ADDENDUM NUMBER 05

ADDENDUM 05 ATTACHMENTS:

SPECIFICATIONS:
012100 – ALLOWANCES
096516 – RESILIENT SHEET FLOORING

DRAWINGS:
Size 42X30
AD5-A14
AD5-A15
AD5-C01
AD5-C02
AD5-C03
AD5-S01

SECTION 000110

TABLE OF CONTENTS

SECTIONS **PAGES**

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions, Special Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes administrative and procedural requirements governing allowances.

B. Types of allowances include the following:
1. Contingency allowances.

C. Related Requirements:

1. Section 012200 "Unit Prices" for procedures for using unit prices, including adjustment of quantity allowances when applicable.
2. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.
3. Section 014000 "Quality Requirements" for procedures governing the use of allowances for field testing by an independent testing agency.

1.3 DEFINITIONS

A. Allowance: A quantity of work or dollar amount included in the Contract, established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.

B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.

C. Purchase products and systems selected by Architect from the designated supplier.

1.5 ACTION SUBMITTALS

5

A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 CONTINGENCY ALLOWANCES

A. Use the contingency allowance only as directed by Owner Representative for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.

B. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit.

C. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.8 ADJUSTMENT OF ALLOWANCES

A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, required maintenance materials, and similar margins.

1. Include installation costs in purchase amount only where indicated as part of the allowance.
2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.

B. Submit claims for increased costs due to a change in the scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.

1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

A. Amount of allowances to include in bid are noted in the Special Conditions, Division of Work Among Bid Packages and are specific to each package.

END OF SECTION 012100

SECTION 096516 - RESILIENT SHEET FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Rubber sheet floor covering, without backing.
2. Rubber stair treads.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: For each type of floor covering. Include floor covering layouts, locations of seams, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.

1. Show details of special patterns.

C. Samples for Initial Selection: For each type of floor covering indicated.

D. Samples for Verification: In manufacturer's standard size, but not less than 6-by-9-inch sections of each different color and pattern of floor covering required.

1. For heat-welding bead, manufacturer's standard-size Samples, but not less than 9 inches long, of each color required.

E. Product Schedule: For floor coverings.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For qualified Installer.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For each type of floor covering to include in maintenance manuals.

1.6 QUALITY ASSURANCE

A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor covering installation and seaming method indicated.

1. Engage an installer who employs workers for this Project who are trained or certified by floor covering manufacturer for installation techniques required.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store floor coverings and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F. Store rolls upright.

1.8 PROJECT CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F or more than 85 deg F, in spaces to receive floor coverings during the following time periods:

1. 48 hours before installation.
2. During installation.
3. 48 hours after installation.

B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F or more than 95 deg F.

C. Close spaces to traffic during floor covering installation.

D. Close spaces to traffic for 48 hours after floor covering installation.

E. Install floor coverings after other finishing operations, including painting, have been completed.

1.9 REGULATORY REQUIREMENTS

A. Resilient Flooring demonstrating a coefficient of friction of at least 0.6 per ASTM D2047 shall be accepted as meeting the intent of slip resistance. CBC Section 11B-302.1.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. FloorScore Compliance: Resilient sheet flooring shall comply with requirements of FloorScore Standard.

B. Low-Emitting Materials: Flooring system shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

2.2 RUBBER SHEET FLOOR COVERING (RF-1)

A. Products: Subject to compliance with requirements, provide the following or equal:

B. Nora Rubber Flooring, Freudenberg Building Systems, Inc.; Noraplan Environcare.

C. Unbacked Rubber Sheet Floor Covering: ASTM F1700 Class III Type B.
1. Thickness: 0.12 inch/ 3.0mm.

D. Hardness: Manufacturer's standard hardness, measured using Shore, Type A durometer per ASTM D 2240.

E. Wearing Surface: Smooth.

F. Size: 4 inches by 36 inches. Colors and Patterns: As selected by Architect from full range of standard colors.

2.3 RUBBER SHEET FLOOR COVERING (RF-2)

A. Products: Subject to compliance with requirements, provide the following or equal:

1. Nora Rubber Flooring, Freudenberg Building Systems, Inc.; Noraplan Environcare.

2. Size/Gage: 12 inch square, 1/8 inch thick.

3. Fire Resistivity/Habitability Criteria:

a. Critical Radiant Flux: Minimum 0.45 watts/cm2 per ASTM E648
b. NBS Smoke Rating: Maximum 450 per ASTM E662.
c. Slip Resistance: Greated than 0.60 per ASTM D2047.

4. Color: One color as selected by Architect.

2.4 RUBBER STAIRTREADS AND RISERS

A. Products: Subject to compliance with requirements, provide the following or equal:

1. Nora Systems Inc., (603) 894-1021, Norament hammered stair treads or equal.

B. Product Description:

1. Vulcanized rubber compound 926 with environmentally compatible color pigments that are free of toxic heavy metals like lead, cadmium or mercury.

C. Physical Characteristics:

1. Stair tread length: 6 foot.
2. Thickness: ASTM F386 ± 1/32 inch (± 0.8mm).
3. Composition: Homogeneous.
4. Color: 12 Standard colors.
5. Surface: Hammered.
6. Visually impaired stripes at top and bottom of each stair run.

D. Technical Data:

1. Static Load Limit: ASTM F970, Residual compression of 0.005 inch with 800 lbs. achieved, < 0.005 inch with 250 lbs. is required.
2. Slip Resistance: Greated than 0.60 per ASTM D2047.
3. Flammability: ASTM E648; NFPA 253; NBSIR 75 950, 1.0 achieved, å 0.45 watts/sq. cm for Class 1 is required.
4. Smoke Density: ASTM E662; NFPA 258; NBS, 334 (flaming) and 168 (non-flaming) achieved, < 450 is required.

2.5 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by manufacturer to suit floor covering and substrate conditions indicated.

1. Adhesives shall have a VOC content of not more than 50 g/L when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
2. Adhesives shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

C. Floor Polish: Provide protective liquid floor polish products as recommended by manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.

B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor coverings.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of floor coverings.

B. Concrete Substrates: Prepare according to ASTM F 710.

1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.

    a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. in 24 hours.
    b. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install floor coverings until they are same temperature as space where they are to be installed.

1. Move floor coverings and installation materials into spaces where they will be installed at least 48 hours in advance of installation.

E. Sweep and vacuum clean substrates to be covered by floor coverings immediately before installation.

3.3 FLOOR COVERING INSTALLATION

A. Comply with manufacturer's written instructions for installing floor coverings.

B. Unroll floor coverings and allow them to stabilize before cutting and fitting.

C. Lay out floor coverings as follows:

1. Maintain uniformity of floor covering direction.
2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches away from parallel joints in floor covering substrates.
3. Match edges of floor coverings for color shading at seams.
4. Avoid cross seams.

D. Scribe and cut floor coverings to butt neatly and tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, and door frames.

E. Extend floor coverings into toe spaces, door reveals, closets, and similar openings.

F. Maintain reference markers, holes, or openings that are in place or marked for future cutting by repeating on floor coverings as marked on substrates. Use chalk or other nonpermanent marking device.

G. Install floor coverings on covers for telephone and electrical ducts and similar items in installation areas. Maintain overall continuity of color and pattern between pieces of floor coverings installed on covers and adjoining floor covering. Tightly adhere floor covering edges to substrates that abut covers and to cover perimeters.

H. Adhere floor coverings to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.

I. Seamless Installation:

1. Heat-Welded Seams: Comply with ASTM F 1516. Rout joints and use welding bead to permanently fuse sections into a seamless floor covering. Prepare, weld, and finish seams to produce surfaces flush with adjoining floor covering surfaces.

3.4 STAIR TREAD INSTALLATION

1. Site Conditions:

a. The stair treads, adhesive, and accessories must be acclimated in the correct conditions for at least 48 hours prior to use. Areas of the flooring subjected to direct sunlight, for example through doors or windows, must be covered using blinds, curtains, cardboard or similar materials for 24 hours before and throughout installation and for a period of 72 hours after the installation to allow nose caulk to cure.

b. The area to receive stair treads must be fully enclosed, weather tight and climate controlled at the normal service ambient temperature and humidity. If this is not possible then the ambient temperature must remain steady (± 10ºF) and be between 59ºF and 80ºF for at least 48 hours prior, during and 72 hours after installation (do not use gas fueled blowers.) The ambient relative humidity is recommended to be 50% RH ± 10%. However, dew point must be avoided, or stop the installation and remove any applied adhesive. The substrate surface must be at least 5°F above dew point.

2. Substrates

a. Perform testing and the proper preparation protocol as required by manufacturer for installing flooring, substrate preparation and adhesive usage.
b. With steps that are wider than the stair treads (approximately 6 feet) it will be necessary to join sections together. Stagger fitting (ashlar) of the cuts from one step to the next. Use the factory edge for joining.
c. All stairs must be permanently dry, clean, smooth and structurally sound, also prepared per ASTM F 710. The radius of the step nosing shall be no larger than the radius of the stair tread (½ inch radius).

3. Adhesives

a. Use manufactured recommended adhesive for the installation of the stair treads.

3.5 CLEANING AND PROTECTION

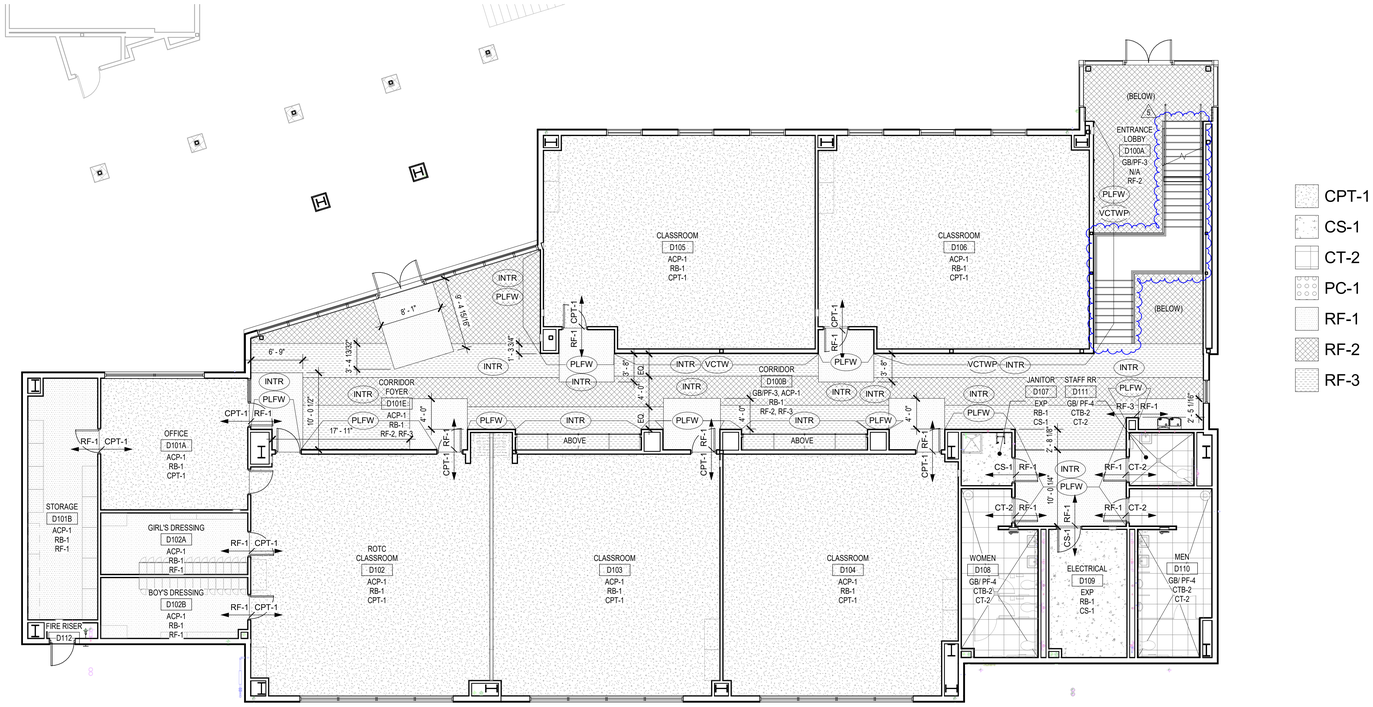
A. Comply with manufacturer's written instructions for cleaning and protection of floor coverings.

B. Perform the following operations immediately after completing floor covering installation:

1. Remove adhesive and other blemishes from floor covering surfaces.
2. Sweep and vacuum floor coverings thoroughly.
3. Damp-mop floor coverings to remove marks and soil.

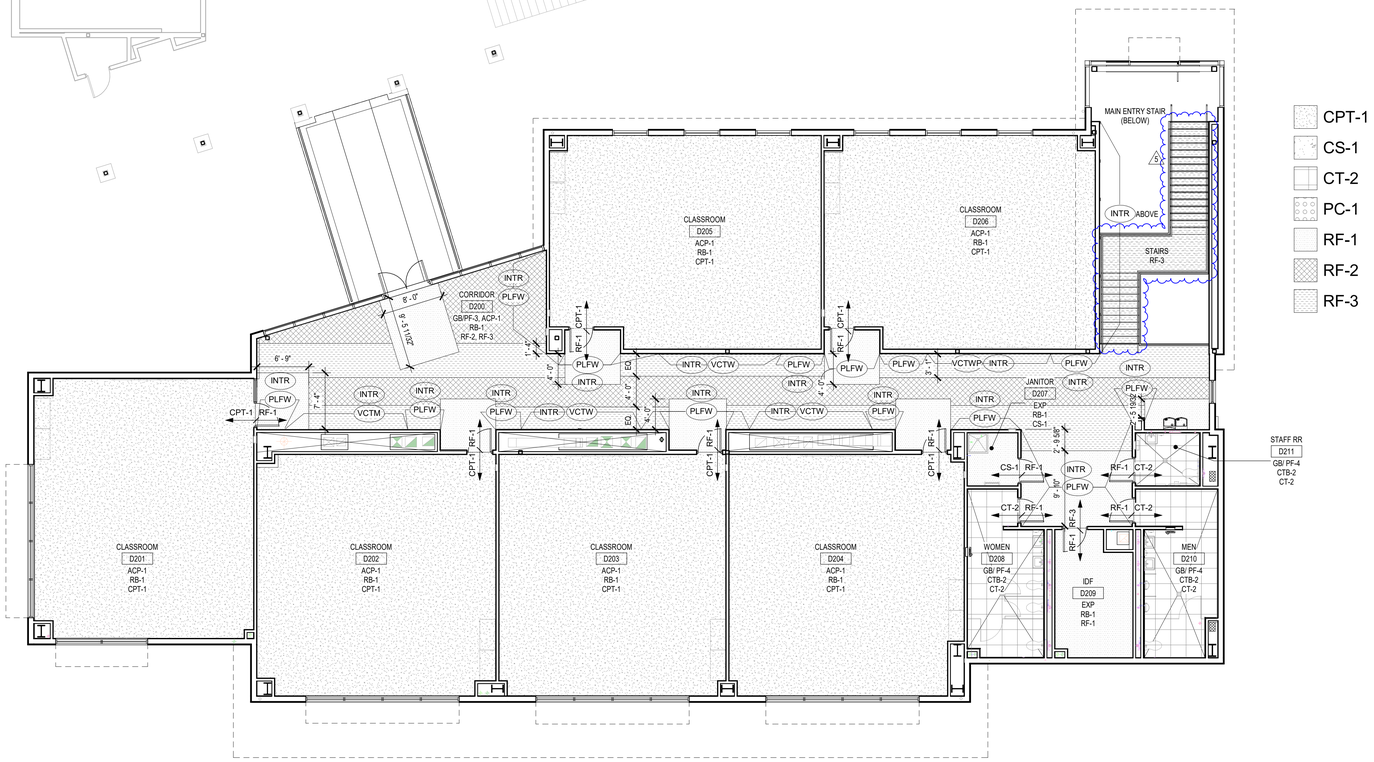
C. Protect floor coverings from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

END OF SECTION 096516



1 A5.1 FINISH PLAN - LEVEL 1

1/8" = 1'-0"



2 A5.1 FINISH PLAN - LEVEL 2

1/8" = 1'-0"

TRUE NORTH

MURRIETA VALLEY USD

MURRIETA MESA HIGH SCHOOL NEW CLASSROOM BUILDING

FINISH SCHEDULE NOTES

ACP-1	2'X2' ACOUSTICAL CEILING PANEL - 095113
CPT-1	CARPET - 096816 (FIELD)
CS-1	SEALED CONCRETE (CLEAR) - 033000
CT-2	FLOOR TILE - 8"X8" - INT. FLOOR - 093000
CT-3	WALL TILE - 8"X8" - INT. WALL - 093000
EXP	EXPOSED STRUCTURE
GB	GYP BOARD, 5/8" - 092900
PC-1	POLISHED CONCRETE - 033510 (COLOR 1-NATURAL GREY)
PF-1	PAINT, SEMI-GLOSS, PRIMED STEEL, INTERIOR - 099123
PF-3	PAINT, EGGSHELL, GYPSUM BOARD SURFACES - 099123
PF-4	PAINT, SEMI-GLOSS, GYPSUM BOARD SURFACES - 099123
PFX-1	PAINT, ACRYLIC, SEMI -GLOSS, STEEL DOOR, FRAMES- EXTERIOR- 099113
PLFWP	PLASTIC LAMINATE FACED WOOD PANELING - 064219
INTR	INTERIOR TRIM - 062023
PRFN	PREFINISHED
RB-1	4" RESILIENT BASE - COVED - 096513
RF-1	RESILIENT FLOORING - 096516
RF-2	RESILIENT FLOORING - 096516
RF-3	RESILIENT FLOORING - 096516
VCTWP	VINYL COVERED TACKABLE WALL PANEL - 097200

WALL FINISH

ROOM NAME

ROOM NUMBER

Ceiling Finish / Base Finish / Floor Finish — FINISH TYPES

FINISH REMARKS

1. SEE INTERIOR ELEVATION FOR ADDITIONAL INFORMATION.
2. SEE FLOOR PLAN FOR PATTERN, LAYOUT AND LOCATION OF FLOOR FINISHES.
3. PAINT ALL EXPOSED STRUCTURAL STEEL, METAL DECK, DUCTWORK & ELECTRICAL COMPONENTS.
4. CERAMIC TILE WAINSCOT (CT-1) AT MOP SINK ONLY, 4' HEIGHT x WIDTH & LENGTH OF SINK.
5. PAINT FLAT BLACK ABOVE CLOUDS
6. SLOPE SLAB TO DRAIN PER PLAN
7. 2" SLAB DEPRESSION. REFER TO UNCOUPLING MEMBRANE 093000 (12 / A9.15) FOR CERAMIC TILE ASSEMBLY &
8. 2 1/2" SLAB DEPRESSION
9. 7 1/2" SLAB DEPRESSION
10. STAIRS CARPETED
11. EXTERIOR STAIR FINISH PER ENLARGED SITE PLAN
12. MOTORIZED BLINDS
13. APPLY INTUMESCENT COATING TO EXPOSED STRUCTURE

GENERAL NOTES

A. ALL FINISHES SHALL COMPLY WITH C.B.C. CHAPTER 8, AND WITH TITLE 19 C.C.R. & 2010 C.F.C. CHAPTER 8
B. PAINT ALL EXPOSED STRUCTURAL STEEL, METAL DECK, DUCTWORK & ELECTRICAL COMPONENTS AT INTERIOR
C. WHERE WALL CERAMIC TILE OCCURS- USE 1/2" BACKER BOARD
D. SEE DETAIL (6 / A9.6) FOR TRANSITION BETWEEN FLOOR MATERIALS
E. ALL BLINDS MANUAL U.N.O
F. SEE I.D. SHEETS FOR FLOOR FINISH PLANS
G. ALL FLOORING SHALL HAVE A COEFFICIENT OF FRICTION GREATER THAN 0.6, PER ASTM C1028.

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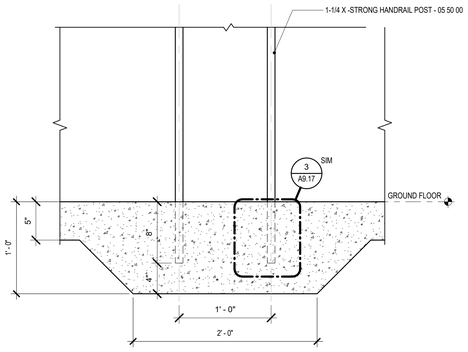
FINISH PLANS

NO.	DATE	ISSUE
5	2/10/2020	Revision 5

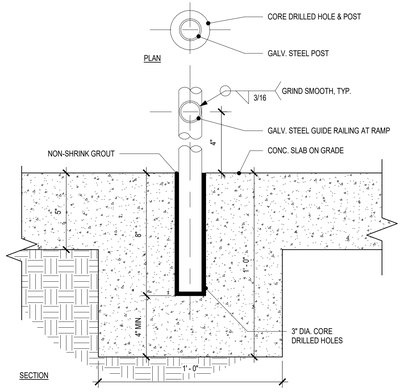
PROJECT NO: 17028-00
DATE: 11/12/2019

DRAWING
A8.3
AD5-A14



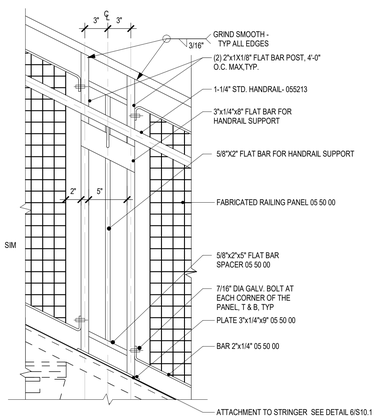
7 A9.16 RAILING POST - CONCRETE EMBED

1 1/2" = 1'-0"



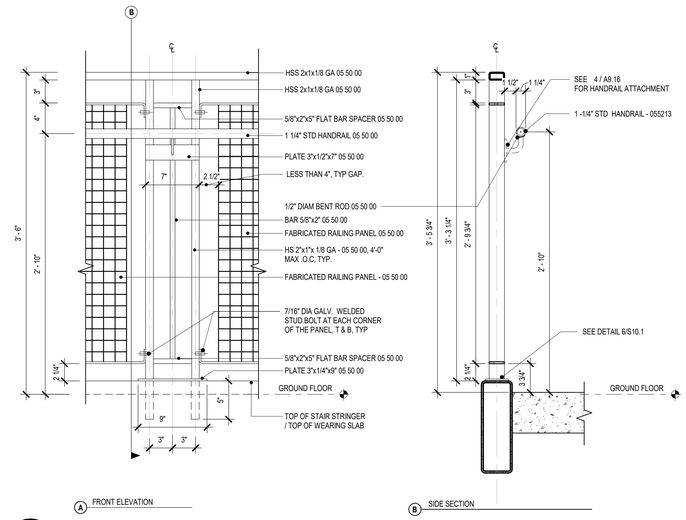
3 A9.17 RAILING POST @ HANDRAILS

3" = 1'-0"



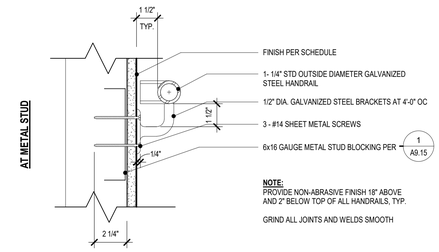
4 A7.4 HANDRAIL MOUNTING DETAIL @ INTERIOR RAILING

1 1/2" = 1'-0"



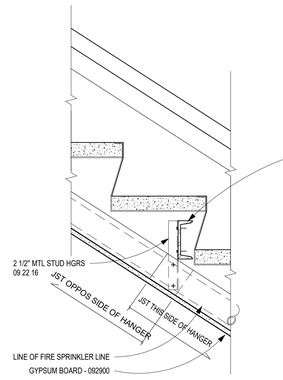
1 A7.4 STAIR EDGE @ STEEL STRINGER

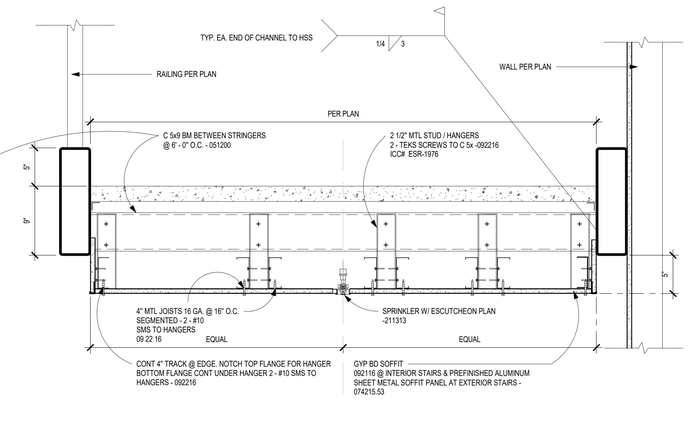
1 1/2" = 1'-0"



8 A9.16 HANDRAIL MOUNTING DETAIL @ WALL

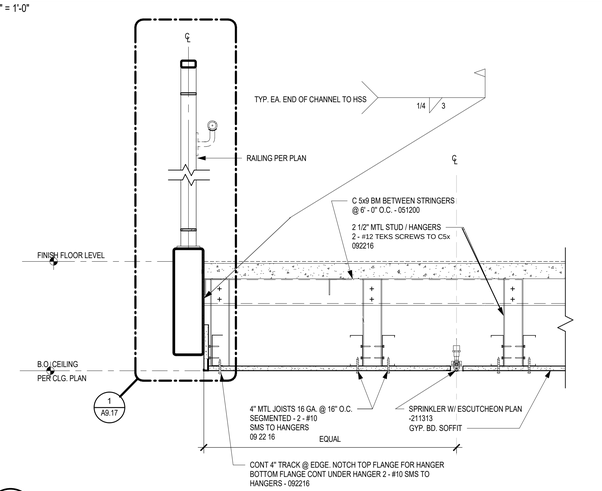
3" = 1'-0"





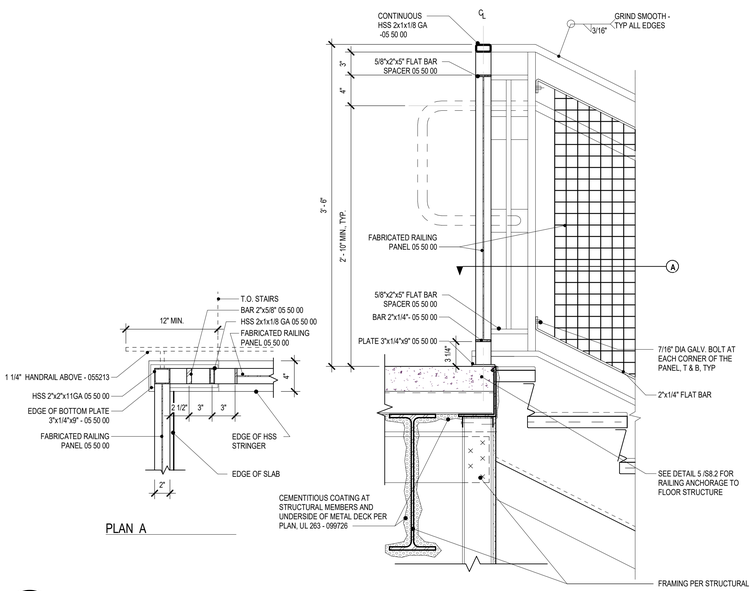
5 A3.1 CROSS SECTION @ STAIR SOFFIT SUPPORT

1 1/2" = 1'-0"



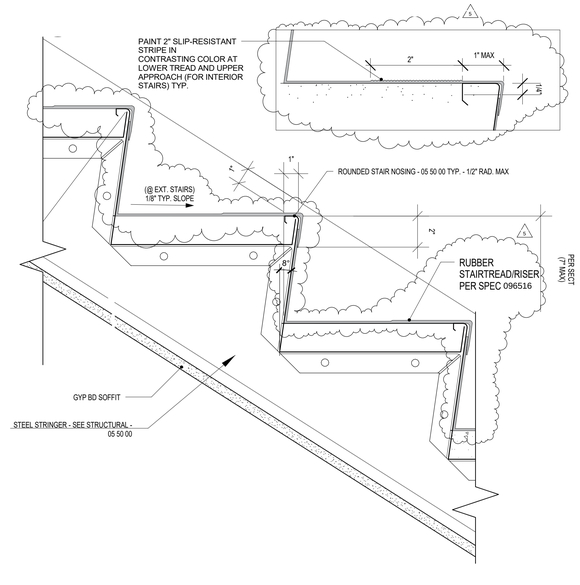
2 A3.1 CROSS SECTION @ STAIR PLATFORM

1 1/2" = 1'-0"



9 A7.4 STAIR - RAILING AND POST - INSIDE CORNER

1 1/2" = 1'-0"



6 A7.4 STAIR - TYPICAL METAL PAN STAIRS

3" = 1'-0"

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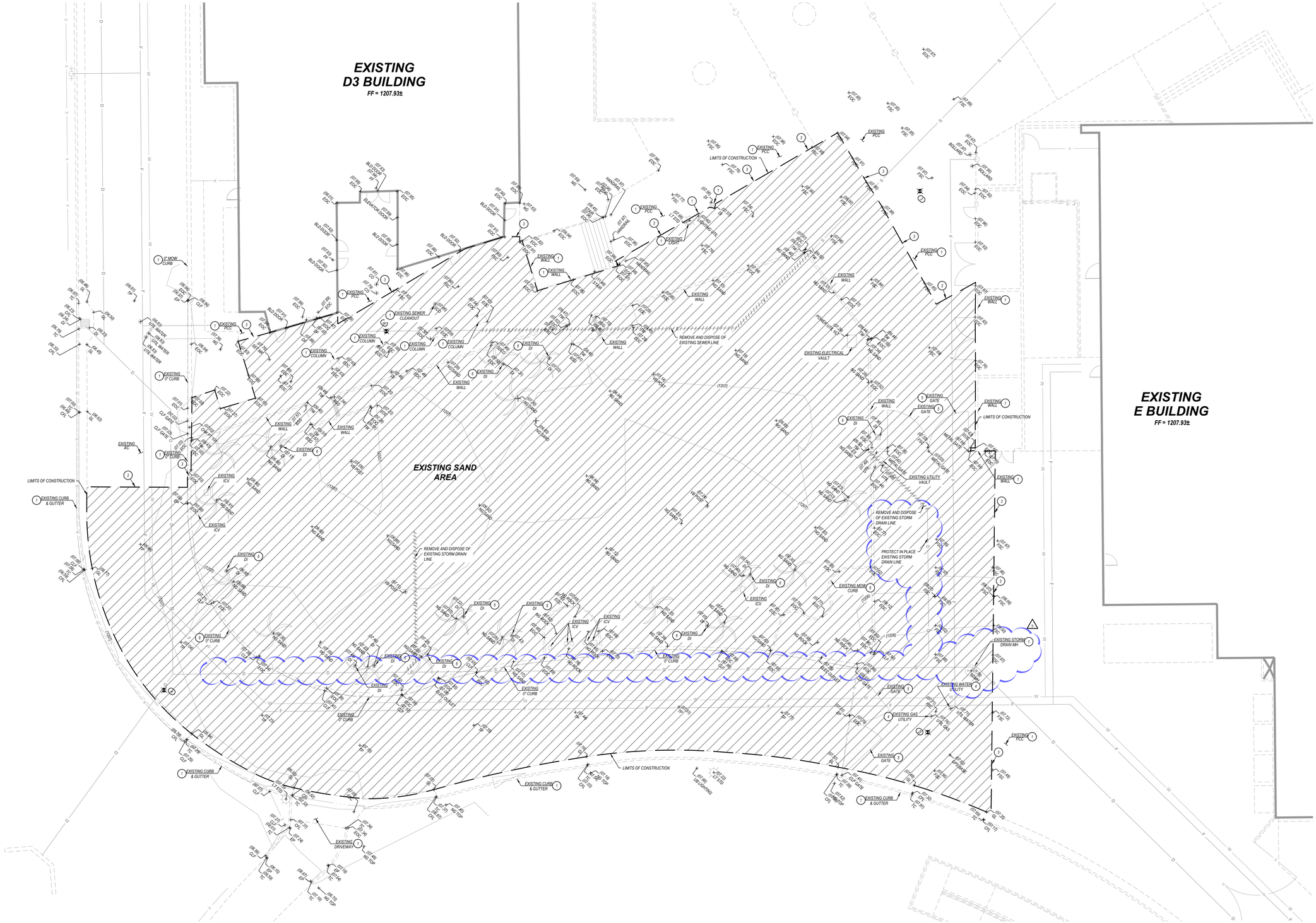
STAIR DETAILS

NO.	DATE	ISSUE

PROJECT NO: 17028-00
DATE: 11/12/2019

DRAWING
A9.17
AD5-A15



February 07, 2020 @ 2:36pm - J:\104.11 Murrieta Mesa HS Classroom Addition_Civil 3D\PLAN - ONSITE\104_11-C2_00.dwg by eatkinson SYSTEM30

MURRIETA VALLEY USD

MURRIETA MESA HIGH SCHOOL
CLASSROOM BUILDING ADDITION

KEYNOTES

GRADING DEMOLITION NOTES

1. PROTECT IN PLACE SPECIFIED ITEM
2. SAWCUT, REMOVE AND DISPOSE OF EXISTING AC PAVEMENT
3. SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE CURB, GUTTER, AND/OR SIDEWALK
4. ADJUST EXISTING ITEM TO PROPOSED FINISHED GRADE PER PRECISE GRADING PLAN
5. RELOCATE AND RE-INSTALL EXISTING ITEM PER APPROPRIATE CONSULTANT'S PLANS
6. REMOVE EXISTING ITEM

GENERAL NOTES:

THE FIELD TOPOGRAPHY SHOWN HEREON ON WAS COMPILED BY FIELD SURVEY PERFORMED ON 12/15/2017 BY EPIC ENGINEERS.

SURVEYOR'S NOTES:

TEMPORARY BENCHMARK:

FINISH FLOOR ELEVATION OF BUILDING "D3" = 1207.93'

VERTICAL DATUM:

TOPOGRAPHIC LEGEND:

BLD	BUILDING
BSG	BACK SIDEWALK GROOVE
CFL	CURB FLOWLINE
CLF	CHAINLINK FENCE
CO	CLEANOUT
CONC	CONCRETE
CP MK	CONTROL POINT MARKER X
DF	DRINKING FOUNTAIN
DI	DRAIN INLET
EOC	EDGE OF CONCRETE
ELEC	ELECTRIC
EP	EDGE OF PAVEMENT
FF	FINISHED FLOOR
FSC	FINISHED SURFACE CONCRETE
GL	GUTTER LINE
ICV	IRRIGATION CONTROL VALVE
INV	INVERT
LT	LIGHT
MN	MAGNAIL
NG	NATURAL GROUND
SCO	SEWER CLEANOUT
SDCO	STORM DRAIN CLEANOUT
SDMH	STORM DRAIN MANHOLE
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TW	TOP OF WALL
UB	UTILITY BOX
UTIL	UTILITY
VB	VOLLYBALL
VLT	VAULT

FIRE HYDRANT
DRAIN INLET
MANHOLE AS NOTED
SIGN
TREE
PALM TREE
LIGHT
CONTROL POINT
CURB & GUTTER
FENCE
STORM DRAIN LINE
WATER LINE
SEWER LINE
UTILITY LINE (DEMO)
EDGE OF PAVEMENT
(100.00) / (99.00) CONTOURS
AREA OF DEMOLITION

CONTROL TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	2150104.08	6272159.06	1207.71	DREMEL X
3	2150207.49	6272064.92	1207.98	SET DREMEL X
4	2149981.56	6272004.06	1206.94	MN
6	2150089.05	6271985.63	1207.66	SET MX

GENERAL DEMO NOTES:

1. DISTRICT TO REMOVE EXISTING SAND PRIOR TO CONSTRUCTION
2. EXISTING PALM TREES TO BE RELOCATED PER LANDSCAPE PLAN

NOTES:

IN PREPARING THESE PLANS, EPIC ENGINEERS, INC DID A THOROUGH SEARCH FOR ALL EXISTING PLANS AND COMPILED A FIELD SURVEY OF ALL ABOVE GROUND APPURTENANCES. EPIC ENGINEERS, INC. PROVIDES NO WARRANTY AND ACCEPTS NO RESPONSIBILITY AS TO THE ACTUAL LOCATION OF ANY UNDERGROUND OR ABOVE GROUND UTILITY EITHER INSTALLED BEFORE OR AFTER THE DATE OF PREPARATION OF THESE PLANS. CONTRACTOR TO CONTACT UNDERGROUND SERVICE ALERT @ 811 TO VERIFY LOCATION OF EXISTING UTILITY LOCATIONS AND SHALL CONTACT THE ENGINEER OF RECORD IF THERE IS ANY MATERIAL DISCREPANCY.

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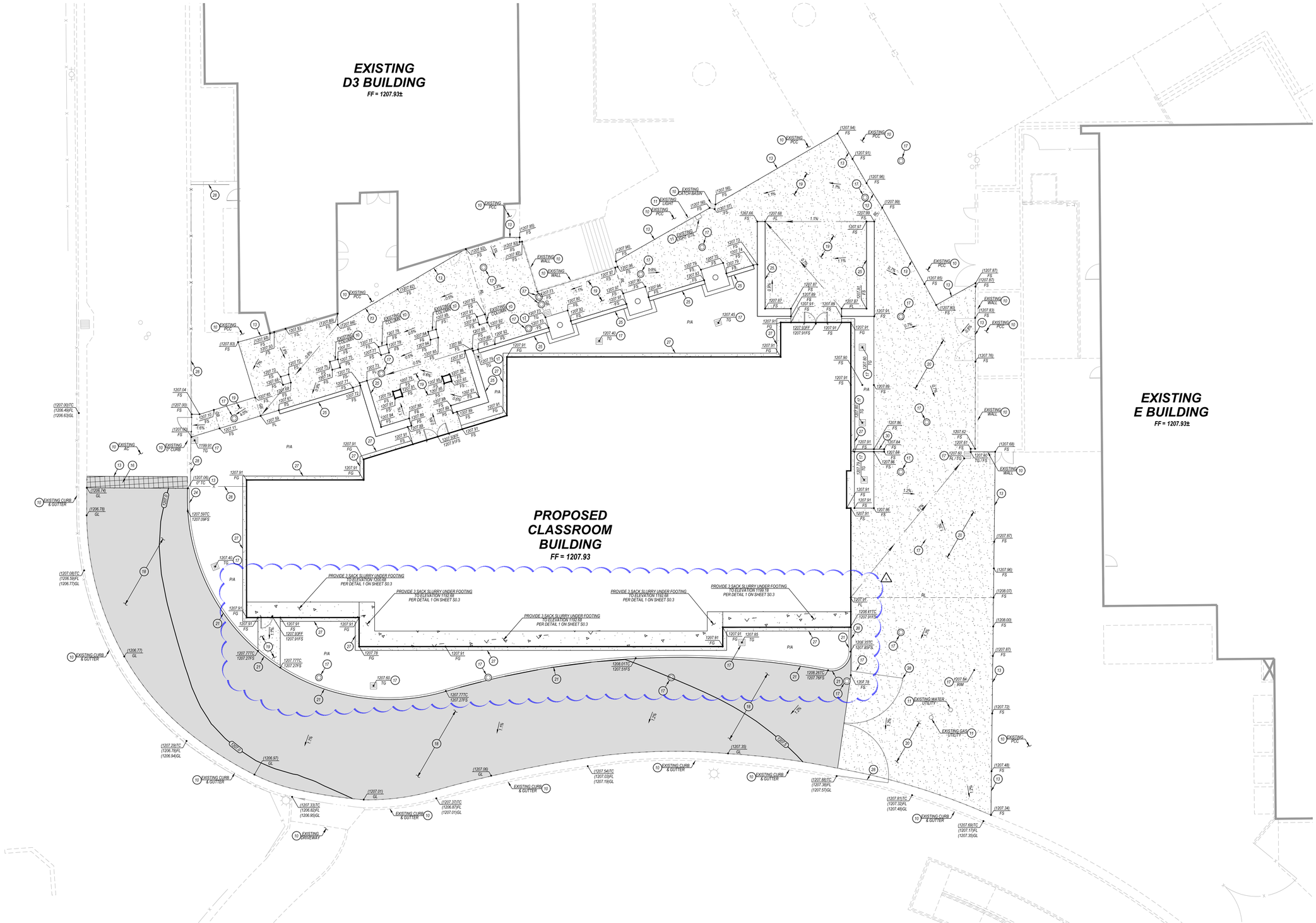
SCALE: 1"=10'
0 10 20 30 40

TOPOGRAPHIC MAP

NO. DATE ISSUE

PROJECT NO: 104.11
DATE: 11/12/2019

DRAWING
C-2.1
AD5-C01



MURRIETA VALLEY USD

MURRIETA MESA HIGH SCHOOL CLASSROOM BUILDING ADDITION

KEYNOTES

GRADING CONSTRUCTION NOTES

10. PROTECT IN PLACE SPECIFIED ITEM
11. ADJUST EXISTING ITEM TO PROPOSED FINISHED GRADE
12. REMOVE/RELOCATE SPECIFIED ITEM PER APPROPRIATE CONSULTANT'S PLAN
13. JOIN PROPOSED SURFACE TO EXISTING SURFACE WITH FLUSH TRANSITION, MATCH GRADE. DOWELING FOR PCC ONLY PER DETAIL "A" ON SHEET C-6.1
14. NOTE NOT USED
15. NOTE NOT USED
16. GRIND AND OVERLAY EXISTING ASPHALT SURFACE 0.12' MINIMUM
17. SEE SITE UTILITY PLAN FOR IDENTIFICATION OF OBJECT
18. CONSTRUCT 3.5" AC OVER 9.5" CRUSHED AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION, AND 24" SUBGRADE COMPACTED TO 90% RELATIVE COMPACTION.
19. CONSTRUCT 4" PCC (520-C-2500) WITH #4 BARS 12" O.C. WITH THICKENED EDGE PER DETAIL "B" ON SHEET C-6.1, OVER 12" SUBGRADE, COMPACTED TO 95% RELATIVE COMPACTION. SCORING PATTERNS COLOR AND FINISH PER ARCHITECTS PLANS AND SPECIFICATIONS
20. CONSTRUCT 8" PCC (560-C-3250) WITH #4 BARS 12" O.C. WITH THICKENED EDGE PER DETAIL "B" ON SHEET C-6.1, OVER 4" CRUSHED AGGREGATE BASE OVER 6" SUBGRADE, COMPACTED TO 95% RELATIVE COMPACTION. SCORING PATTERNS COLOR AND FINISH PER ARCHITECT'S PLANS AND SPECIFICATIONS
21. CONSTRUCT CURB TYPE A1-6 PER SPPWC STANDARD PLAN 120-2 ON SHEET C-6.1
22. CONSTRUCT CURB TYPE A2-6 PER SPPWC STANDARD PLAN 120-2 ON SHEET C-6.1
23. CONSTRUCT 0" PCC (520-C-2500) CURB ONLY PER DETAIL "C" ON SHEET C-6.1
24. CONSTRUCT 0"- 6" PCC (520-C-2500) CURB TRANSITION PER DETAIL "D" ON SHEET C-6.1
25. CONSTRUCT SEAT WALL PER ARCHITECT'S PLANS AND SPECIFICATIONS
26. NOTE NOT USED
27. CONSTRUCT MOWSTRIP PER ARCHITECT'S PLANS AND SPECIFICATIONS
28. FURNISH AND INSTALL SITE FENCING/RAILING/GATES PER ARCHITECT'S PLANS AND SPECIFICATIONS
29. CONSTRUCT STAIRS / HANDRAILS PER ARCHITECTS PLANS AND SPECIFICATIONS
30. CONSTRUCT WALL PER ARCHITECT'S DETAILS

LEGEND:

- FIRE HYDRANT
- MANHOLE AS NOTED
- POWER POLE
- SIGN
- TREE
- CONTROL POINT
- DRAIN BOX
- EDGE OF PAVEMENT
- GRADED SWALE
- EDGE OF CONCRETE
- D — PROPOSED STORM DRAIN
- S — PROPOSED SEWER LINE
- W — PROPOSED WATER LINE
- F — PROPOSED FIRE LINE
- CHANGE IN AC/PCC THICKNESS
- GRADE BREAK/RIDGE LINE
- D — EXISTING STORM DRAIN
- S — EXISTING SEWER LINE
- W — EXISTING WATER LINE
- F — EXISTING FIRE LINE
- DEMO EXISTING UTILITY LINE
- PROPOSED AC PAVEMENT
- PROPOSED PCC SURFACE
- GRIND AND OVERLAY

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SCALE: 1"=10'

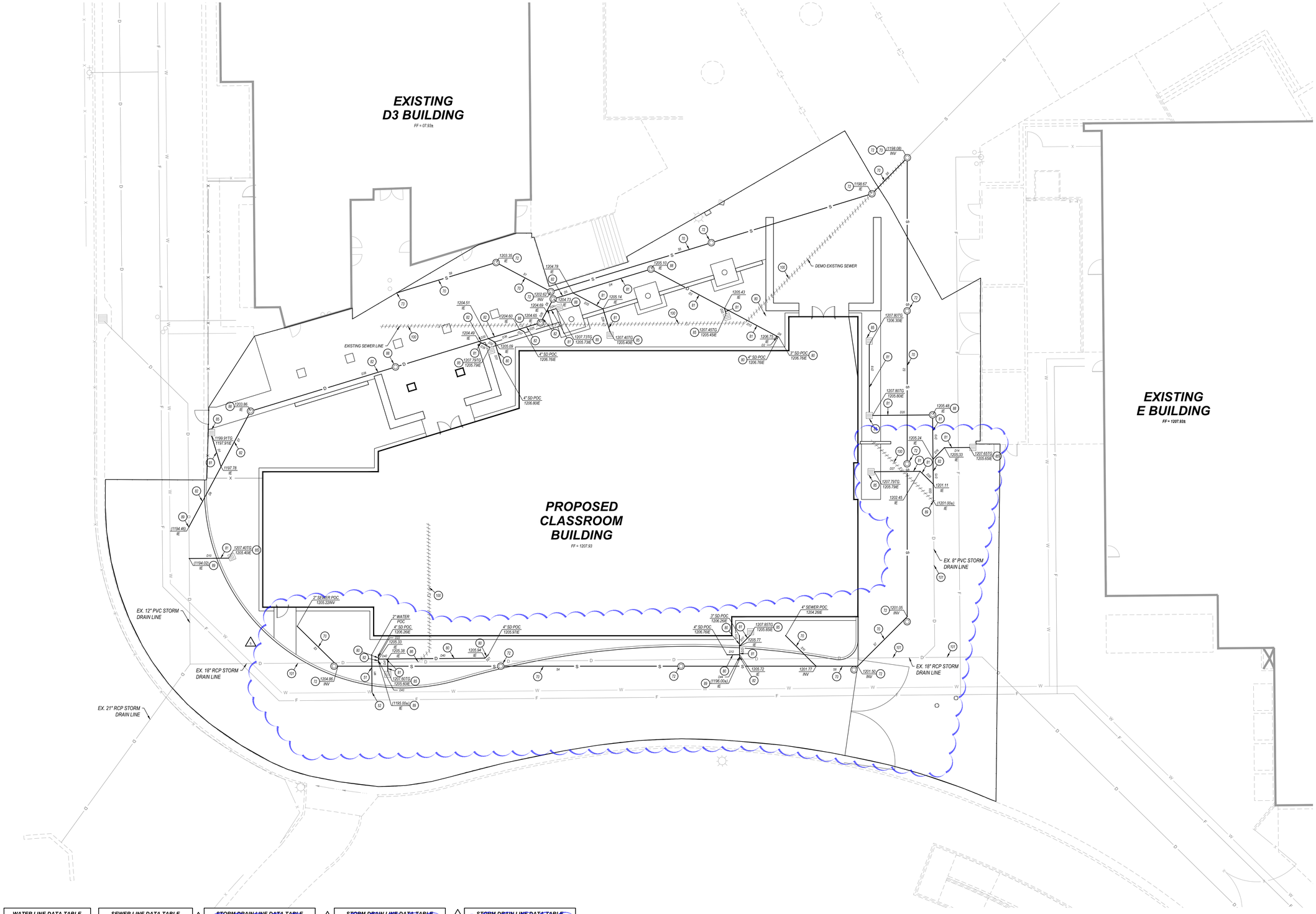
0 10 20 30 40

PRECISE GRADING PLAN

NO. DATE ISSUE

PROJECT NO: 104.11
DATE: 11/12/2019

DRAWING
C-3.1
AD5-C02



WATER LINE DATA TABLE		
NAME	BEARING	LENGTH
W1	S42° 00' 00"E	9.88

SEWER LINE DATA TABLE			
NAME	BEARING	LENGTH	SLOPE
S1	N76° 31' 44"E	16.29	S=4.49%
S2	N41° 28' 01"W	126.37	S=2.47%
S3	S87° 00' 00"E	14.98	S=2.41%
S4	N48° 30' 59"E	125.42	S=2.46%
S5	N31° 28' 41"E	36.02	S=4.49%
S6	N42° 00' 00"E	13.20	S=4.49%
S7	N3° 30' 59"E	18.38	S=2.43%
S8	N48° 30' 59"E	10.89	S=2.48%
S9	N31° 28' 41"E	27.26	S=2.00%
S10	S86° 29' 01"E	11.31	S=22.04%

STORM DRAIN LINE DATA TABLE			
NAME	BEARING	LENGTH	SLOPE
D1	S58° 27' 19"E	8.47	S=1.50%
D2	N58° 27' 19"W	0.69	S=1.85%
D3	S76° 32' 41"W	21.84	S=1.50%
D4	S31° 32' 41"W	21.37	S=1.50%
D5	S31° 32' 41"W	5.45	S=1.00%
D6	S13° 27' 19"E	3.74	S=1.00%
D7	S13° 27' 19"E	16.52	S=36.78%
D8	S13° 27' 19"E	17.90	S=18.54%
D9	S76° 32' 41"W	0.64	S=2.00%
D10	S48° 00' 00"W	10.40	S=109.39%
D11	S42° 00' 00"E	2.77	S=17.86%
D12	N48° 00' 00"E	3.27	S=31.72%
D13	S76° 32' 41"W	15.48	S=8.55%
D14	S48° 00' 00"W	6.62	S=4.84%
D15	S42° 00' 00"E	6.53	S=1.99%
D16	S3° 00' 00"W	4.24	S=2.12%
D17	S3° 00' 00"W	4.19	S=2.00%
D18	S41° 29' 01"E	17.84	S=2.80%

STORM DRAIN LINE DATA TABLE			
NAME	BEARING	LENGTH	SLOPE
D19	S42° 00' 00"E	11.64	S=2.06%
D20	N48° 00' 00"E	15.79	S=2.03%
D21	S3° 00' 00"W	1.23	S=2.44%
D22	S42° 00' 00"E	1.13	S=82.39%
D23	S42° 00' 00"E	2.21	S=2.00%
D24	S31° 32' 41"W	2.67	S=38.98%
D25	S31° 32' 41"W	5.82	S=1.00%
D26	S13° 27' 19"E	3.32	S=1.00%
D27	N48° 00' 00"E	12.05	S=27.73%
D28	S42° 00' 00"E	4.46	S=2.56%
D29	S87° 00' 00"E	4.81	S=27.73%
D30	S31° 32' 41"W	2.60	S=1.00%
D31	N58° 27' 19"W	5.65	S=30.44%
D32	S76° 33' 06"W	1.89	S=30.44%
D33	N58° 27' 19"W	1.49	S=1.50%
D34	N58° 27' 19"W	6.34	S=4.07%
D35	S76° 32' 22"W	8.92	S=4.07%
D36	S31° 32' 41"W	8.48	S=1.00%

STORM DRAIN LINE DATA TABLE			
NAME	BEARING	LENGTH	SLOPE
D37	S76° 32' 41"W	1.38	S=157.34%
D38	S31° 32' 41"W	62.61	S=1.00%
D39	S76° 32' 41"W	3.30	S=39.52%
D40	S48° 00' 00"W	25.51	S=2.19%
D41	N42° 00' 00"W	3.21	S=6.86%
D42	S48° 00' 00"W	2.43	S=2.06%
D43	S42° 00' 00"E	0.87	S=1188.56%
D44	S42° 00' 00"E	1.17	S=828.18%

SCALE: 1"=10'
0 10 20 30 40

MURRIETA VALLEY USD
MURRIETA MESA HIGH SCHOOL
CLASSROOM BUILDING ADDITION

KEYNOTES

UTILITY CONSTRUCTION NOTES

DOMESTIC WATER

50 FURNISH & INSTALL 1" SCHEDULE 80 WATER LINE
51 FURNISH & INSTALL 2" SCHEDULE 80 WATER LINE
52 CONNECT TO EXISTING WATER LINE
53 CAP EXISTING WATER LINE
54 REMOVE AND DISPOSE EXISTING WATER LINE

SEWER

70 FURNISH & INSTALL 4" SDR 35 PVC SEWER LINE
71 NOTE NOT USED
72 CONSTRUCT PVC SEWER/STORM DRAIN CLEANOUT PER DETAIL "F" ON SHEET C-6.1
73 CONNECT TO EXISTING SEWER LINE. CONTRACTOR TO FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION AND CONTACT EPIC ENGINEERS WITH RESULTS FOR VERIFICATION TO PROCEED PRIOR TO ANY CONSTRUCTION
74 CONNECT TO EXISTING SEWER
75 CONTRACTOR TO FIELD VERIFY SIZE AND REPLACE EXISTING SEWER PIPING IN KIND WITH LIKE SIZED SDR 35 PVC SEWER MAIN

STORM DRAIN

80 FURNISH & INSTALL 4" SDR 35 PVC STORM DRAIN PIPE
81 FURNISH & INSTALL 6" SDR 35 PVC STORM DRAIN PIPE
82 FURNISH & INSTALL 8" SDR 35 PVC STORM DRAIN PIPE
83 FURNISH & INSTALL 18" RCP 2000-D STORM DRAIN PIPE
84 CONSTRUCT CONCRETE COLLAR PER RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT STD. DWG. NO. M803 ON SHEET C-6.1
85 FURNISH & INSTALL 12" X 12" PREFABRICATED CATCH BASIN (J&R CB1212 OR APPROVED EQUAL) PER DETAIL "G" ON SHEET C-6.1
86 CAP EXISTING STORM DRAIN LINE
87 FURNISH AND INSTALL CARSON PRECAST MANHOLE OR CIVIL ENGINEER APPROVED EQUAL ON SHEET C-6.1
88 CONSTRUCT PVC SEWER/STORM DRAIN CLEANOUT PER DETAIL "F" ON SHEET C-6.1
89 CONNECT TO EXISTING STORM DRAIN

MISC.

100 REMOVE/RELOCATE SPECIFIED ITEM
101 PROTECT IN PLACE SPECIFIED ITEM

LEGEND:

- FIRE HYDRANT
- MANHOLE AS NOTED
- POWER POLE
- SIGN
- TREE
- CONTROL POINT
- DRAIN BOX
- EDGE OF PAVEMENT
- GRADED SWALE
- EDGE OF CONCRETE
- D — PROPOSED STORM DRAIN
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- F — EXISTING FIRE LINE
- DEMO EXISTING UTILITY LINE

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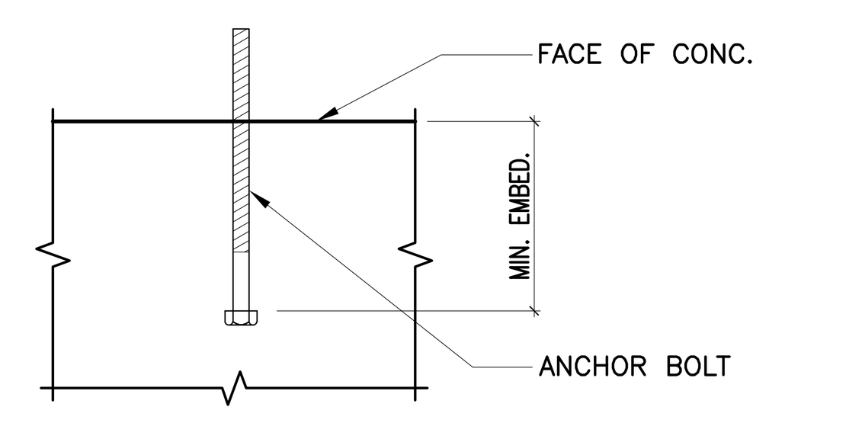
COMPOSITE UTILITY PLAN

NO. DATE ISSUE

PROJECT NO: 104.11
DATE: 11/12/2019

DRAWING
C-4.1
AD5-C03

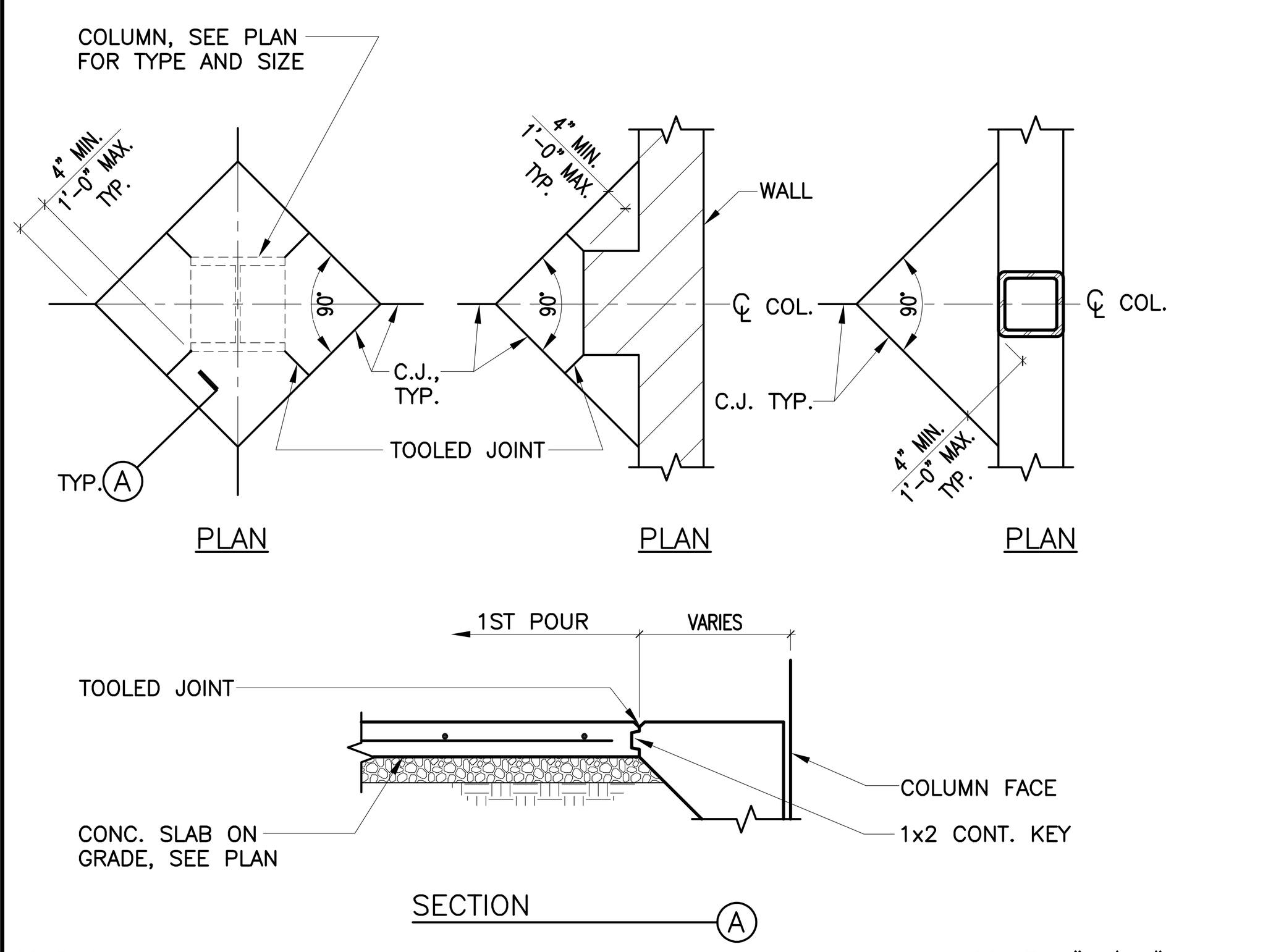


BOLT SIZE	EMBEDMENT FOR CONCRETE U.N.O.
½"	4"
⅝"	5"
¾"	6"
⅞"	7"
1"	8"
1⅛"	9"
1¼"	10"

NOTES:
1. MINIMUM BOLT SPACING SHALL BE 12 BOLT DIAMETERS WITH A MINIMUM EDGE DISTANCE OF 12 DIAMETERS, UNLESS NOTED OTHERWISE.
2. PROVIDE AN ADDITIONAL 2" OF EMBEDMENT FOR ANCHOR BOLTS LOCATED IN THE TOP OF COLUMNS.
3. ANCHOR BOLTS SHALL BE HEX HEADED WITH THE DIMENSIONS OF THE HEX CONFORMING TO ANSI/ASME B18.2.1 BENT BAR ANCHORS SHALL NOT BE USED.

C501-0 SCALE: NO SCALE

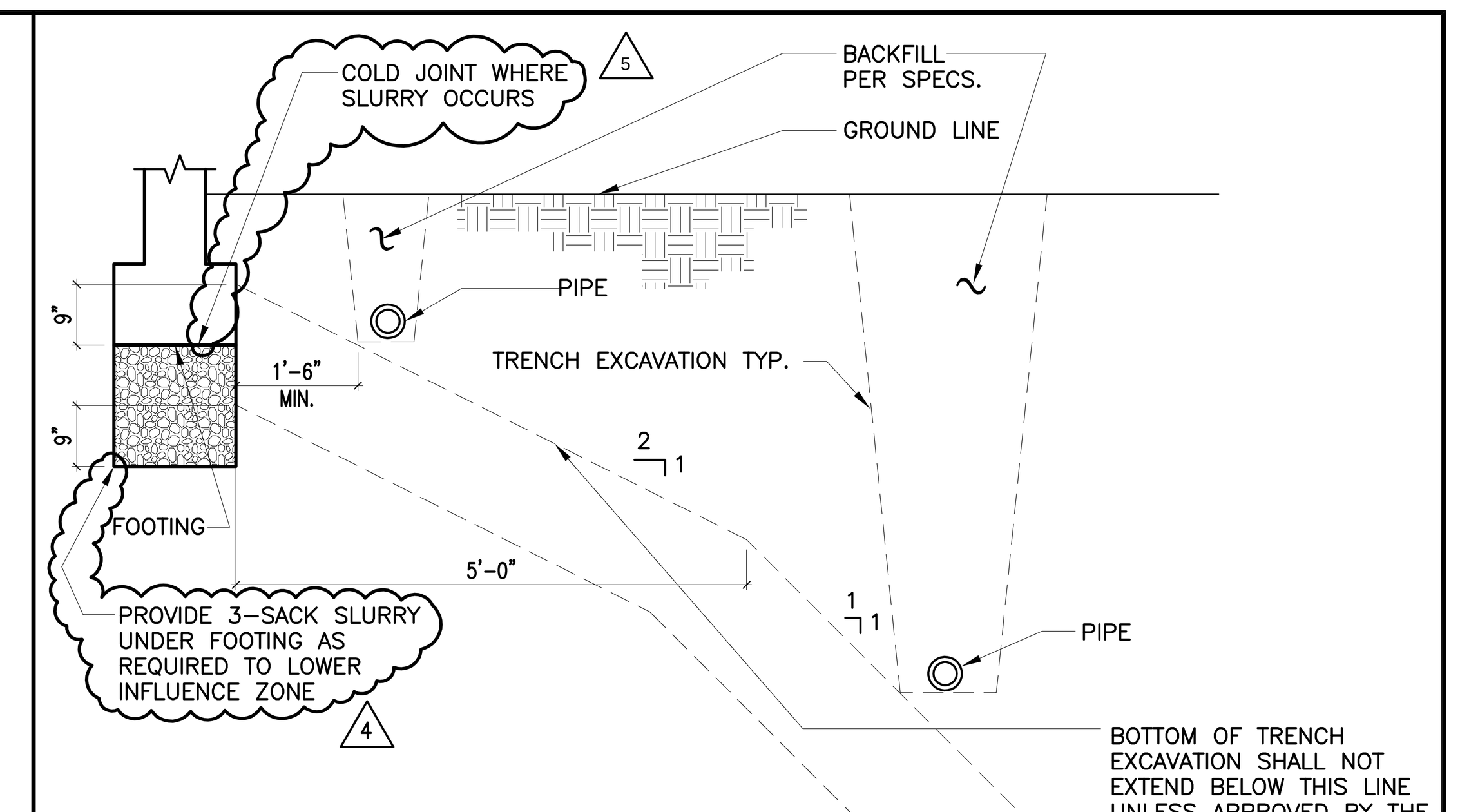
CONCRETE ANCHOR BOLT SCHEDULE 13



C203-0 SCALE: 1"=1'-0"

S.O.G. CONST. JOINTS AT COL. 9

5



NOTES:
1. CONTRACTOR SHALL COORDINATE ALL PIPE LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
2. IF REQUIREMENTS AS SHOWN CANNOT BE MET, STEP FOOTING PER TYPICAL "STEPPED FOOTING" DETAILS 3 & 4

C102-0 SCALE: NO SCALE

PIPES PARALLEL TO FOOTINGS 1

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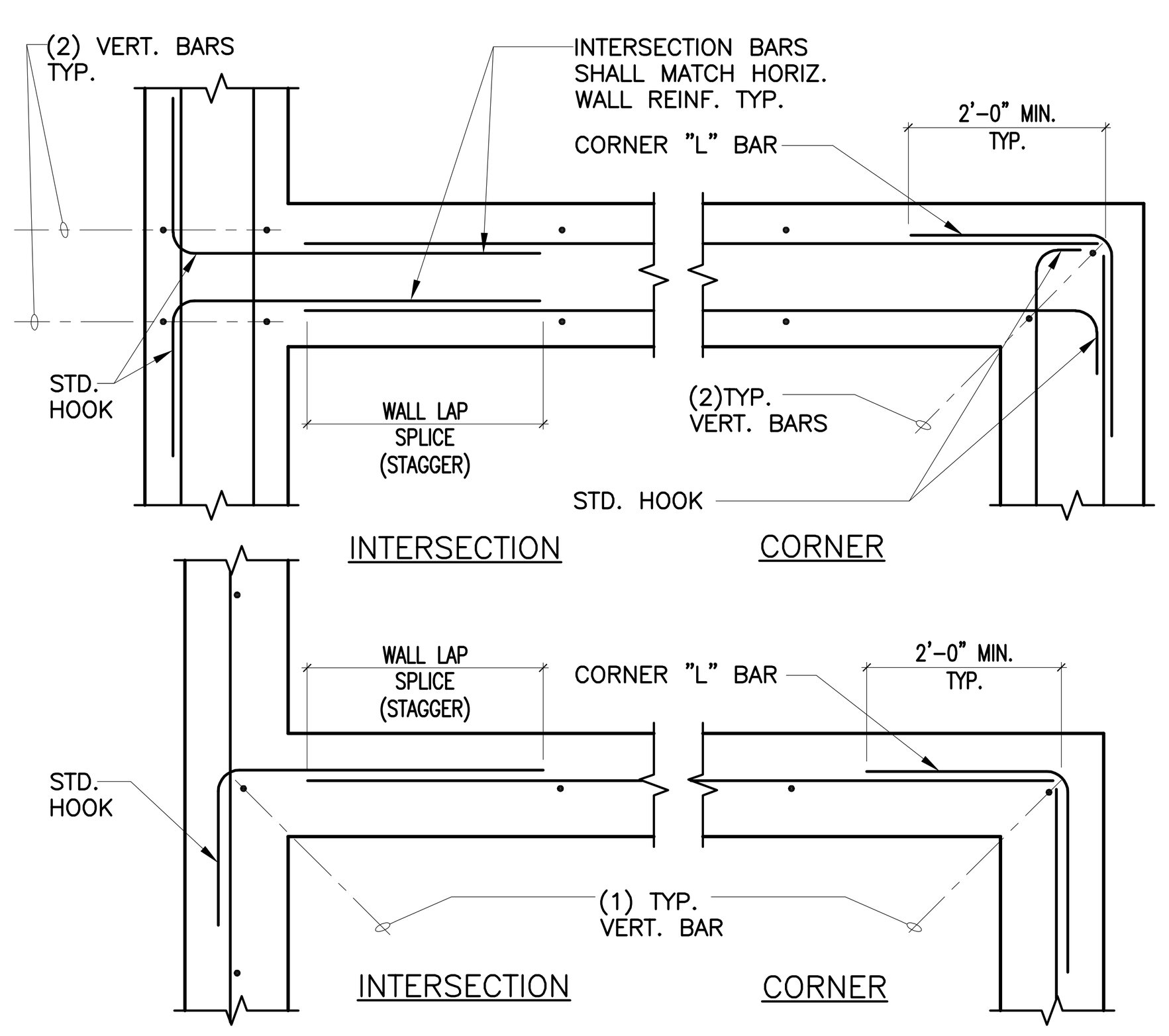
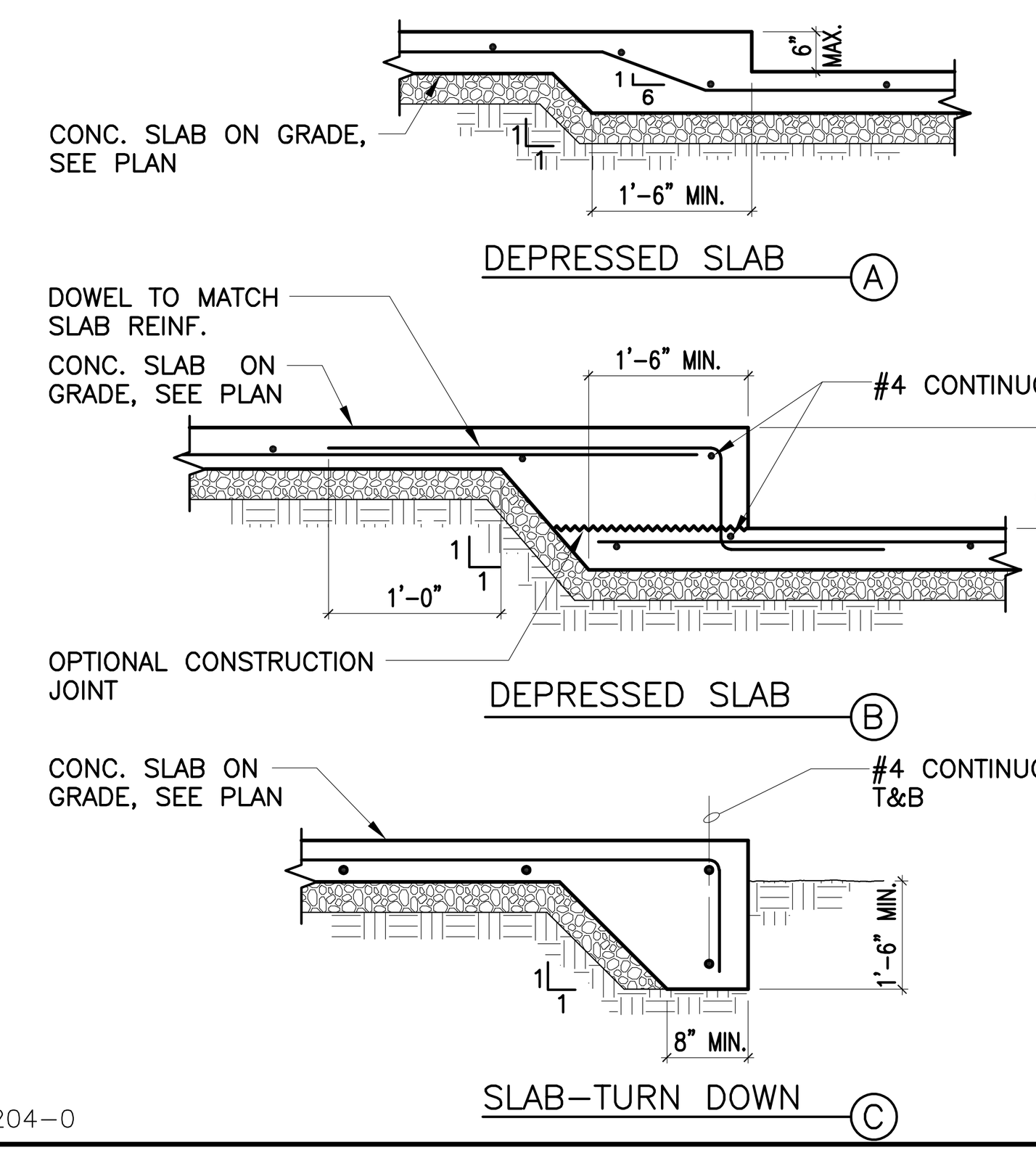
NEW CLASSROOM BUILDING

KEYNOTES



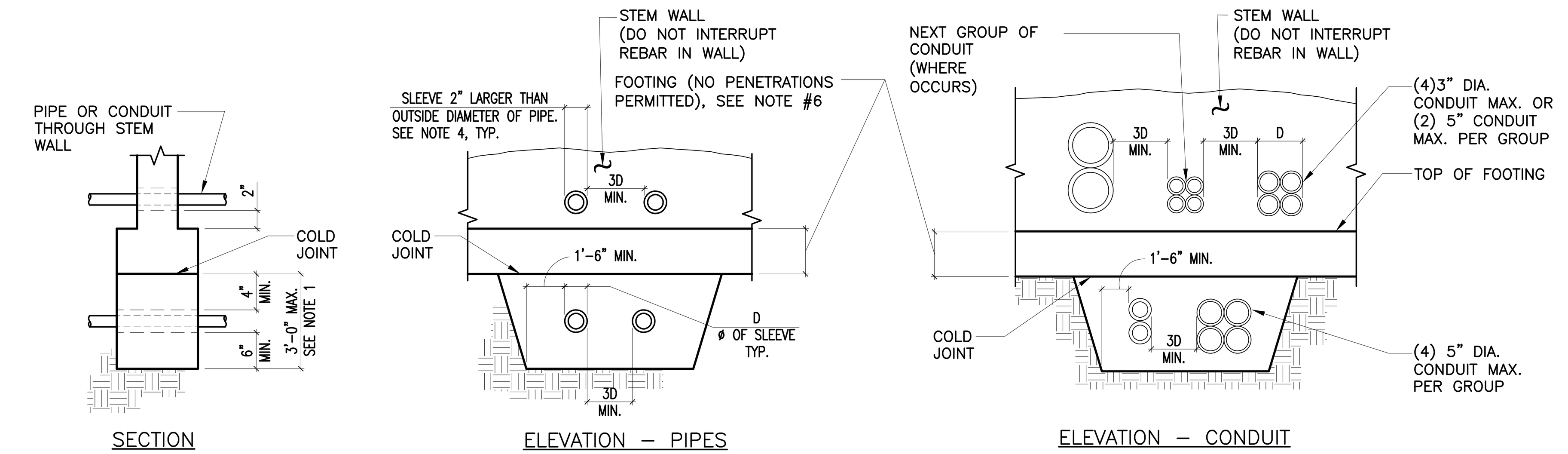
C303-0 SCALE: NO SCALE

REINF. AT FNDN. WALL INTERSECTION 14



C204-0 SCALE: NO SCALE

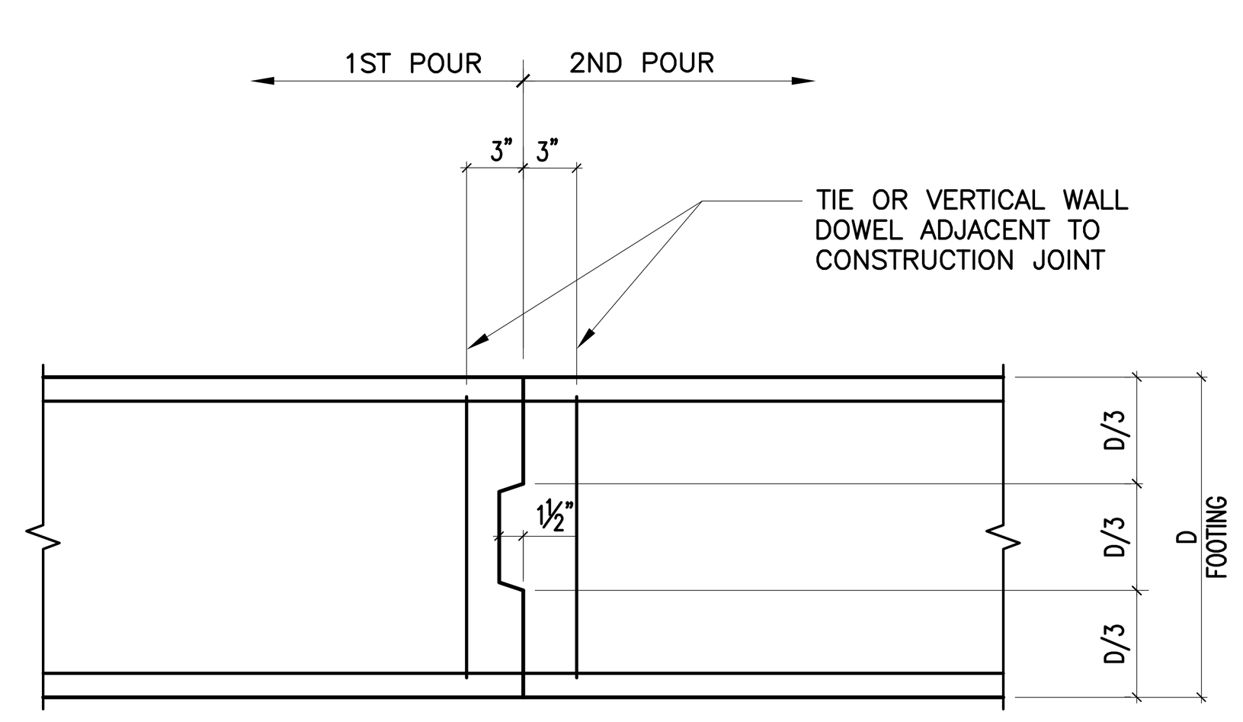
DEPRESSED S.O.G. AND SLAB EDGE 10



NOTES:
1. FOR PIPE/CONDUIT LESS THAN 3'-0" BELOW BOTTOM OF FOOTING, PROVIDE SLURRY AS SHOWN. FOR PIPE/CONDUIT MORE THAN 3'-0" BELOW BOTTOM OF FOOTING, COMPACT BACKFILL OVER PIPE TO 90% AS APPROVED BY GEOTECHNICAL ENGINEER OR STEP FTG SO THAT DIMENSION DOES NOT EXCEED 3'-0".
2. CONTRACTOR SHALL COORDINATE ALL PIPE AND CONDUIT LOCATIONS WITH BUILDING FOUNDATION REQUIREMENTS.
3. TRENCH BELOW FOOTING SHALL BE FILLED WITH CONCRETE OR 3-SACK SLURRY BEFORE POURING FOOTING. CONCRETE FILL SHALL BE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.
4. PIPES MAY BE WRAPPED IN 1" THICK LOOSE FOAM IN LIEU OF SLEEVING.
5. CONDUIT MAY BE RUN THRU STEM OR ENCASEMENT UNDER FOOTING WITHOUT SLEEVES OR FOAM WRAP.
6. CONTRACTOR SHALL COORDINATE ALL UNDERGROUND UTILITIES WITH FOOTING ELEVATIONS. WHERE PIPES OR CONDUIT ARE IN CONFLICT WITH THE FOOTING, CONTRACTOR SHALL STEP THE FOOTING DOWN PER TYPICAL "STEPPED FTG." DETAIL ON THIS SHEET. NOT ALL REQUIRED STEPS IN THE FOOTING ARE SHOWN ON PLAN.

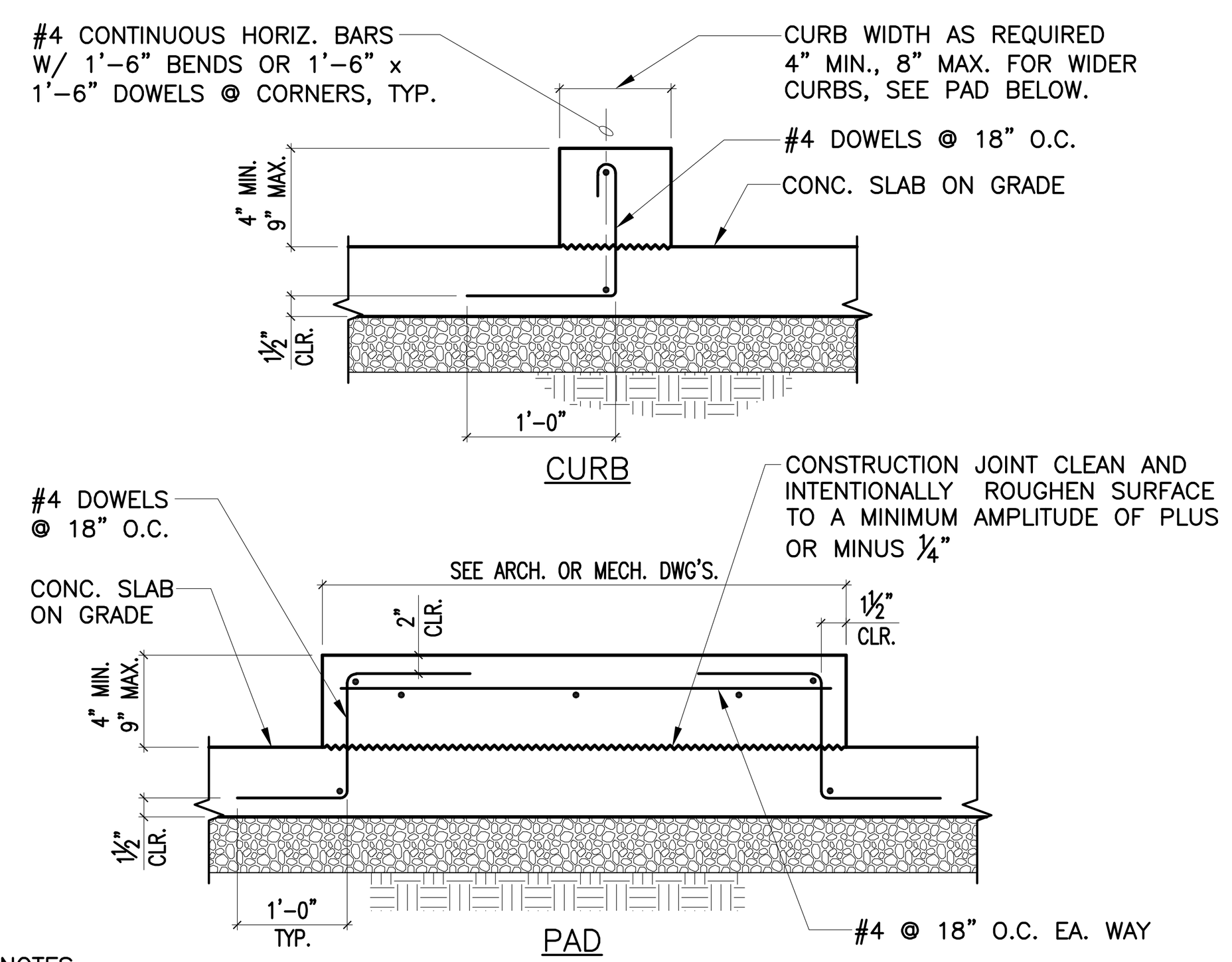
C103-0 SCALE: NO SCALE

PIPES AND CONDUIT PERPENDICULAR TO FOOTINGS 2



C105-0 SCALE: NO SCALE

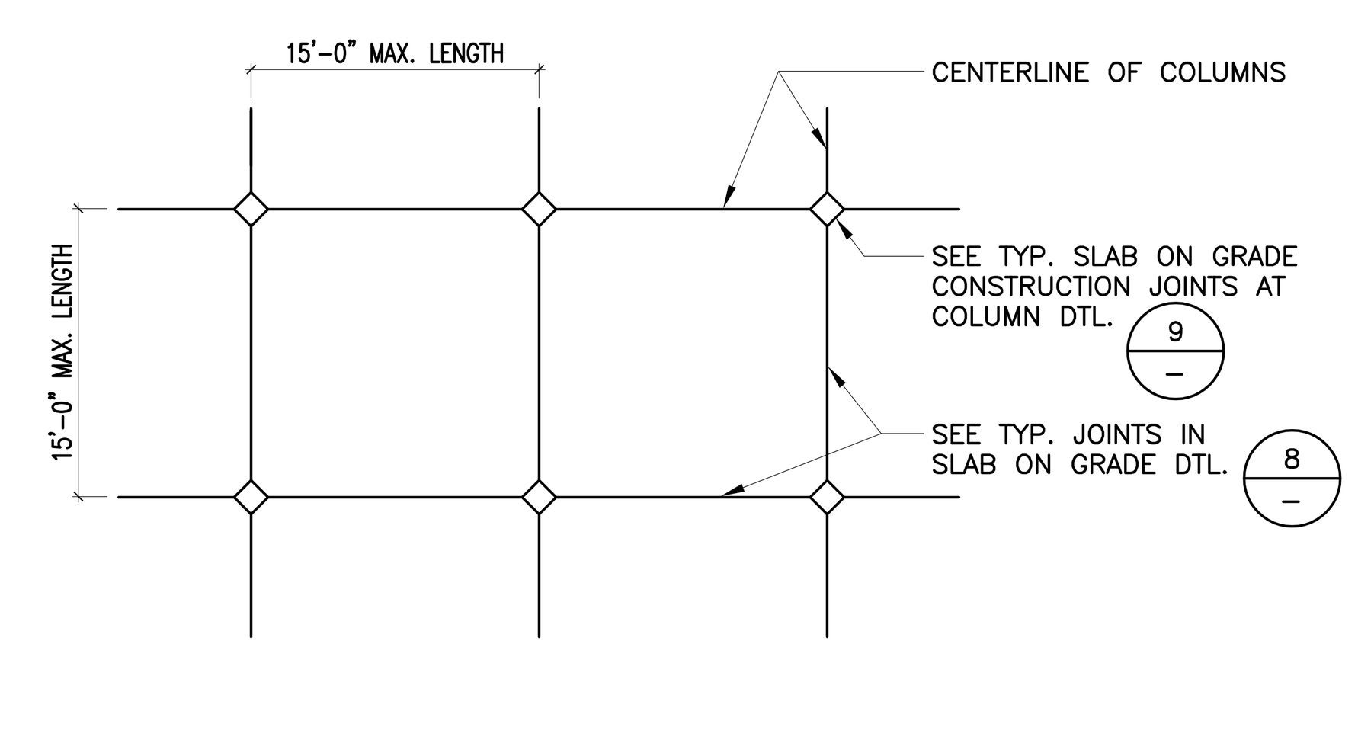
CONTINUOUS FOOTING CONST. JOINT 15



NOTES:
1. SEE ARCH. FOR SIZE, HEIGHT AND LOCATION OF CURBS AND PADS.
2. PROVIDE INSERTS AS REQ'D BY ARCH & MECH. DRAWINGS.

C208-0 SCALE: NO SCALE

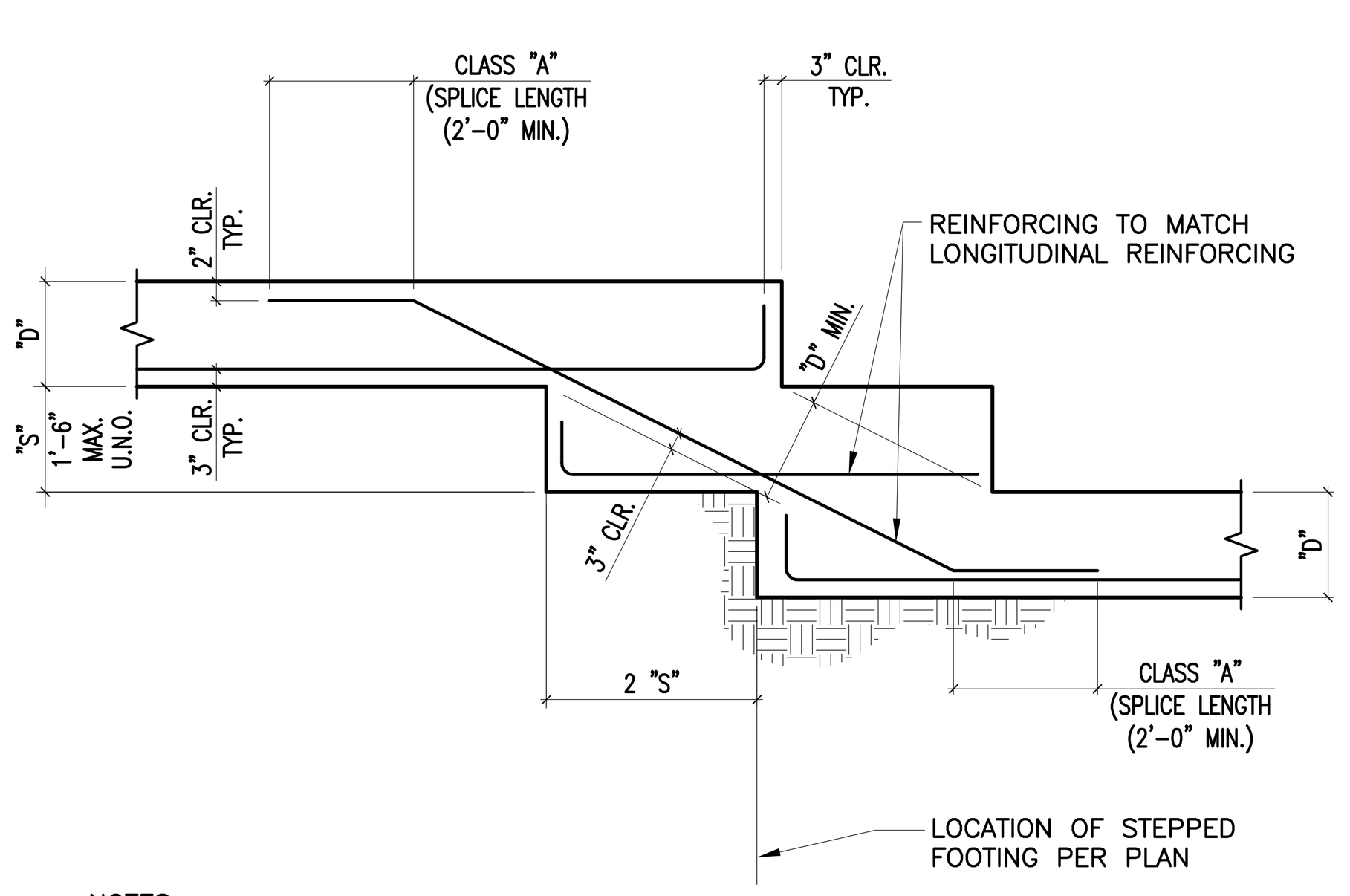
CONCRETE CURB AND PADS 11



NOTES:
1. PANELS SHALL BE DIVIDED BY CONTROL JOINTS AND CONSTRUCTION JOINTS.
2. PROVIDE CONTROL JOINTS PERPENDICULAR TO CONSTRUCTION JOINTS.
3. IN AREAS WHERE COLUMNS DO NOT OCCUR PROVIDE CONSTRUCTION OR CONTROL JOINTS AT 15'-0" MAX.
4. BETWEEN 1:1 TO 2:1 PANEL SHALL NOT EXCEED 200 SQUARE FEET IN AREA.
5. SEE PLANS FOR LOCATIONS WHERE ADDITIONAL JOINTS MAY BE REQUIRED.
6. THE CONTRACTOR SHALL SUBMIT A PROPOSED LAYOUT OF JOINTS FOR APPROVAL PRIOR TO POURING SLABS.
7. PROVIDE JOINTS @ ALL RE-ENTRANT CORNERS IN SLAB CONSTRUCTION.

C201-0 SCALE: NO SCALE

METHOD OF POURING S.O.G. 7

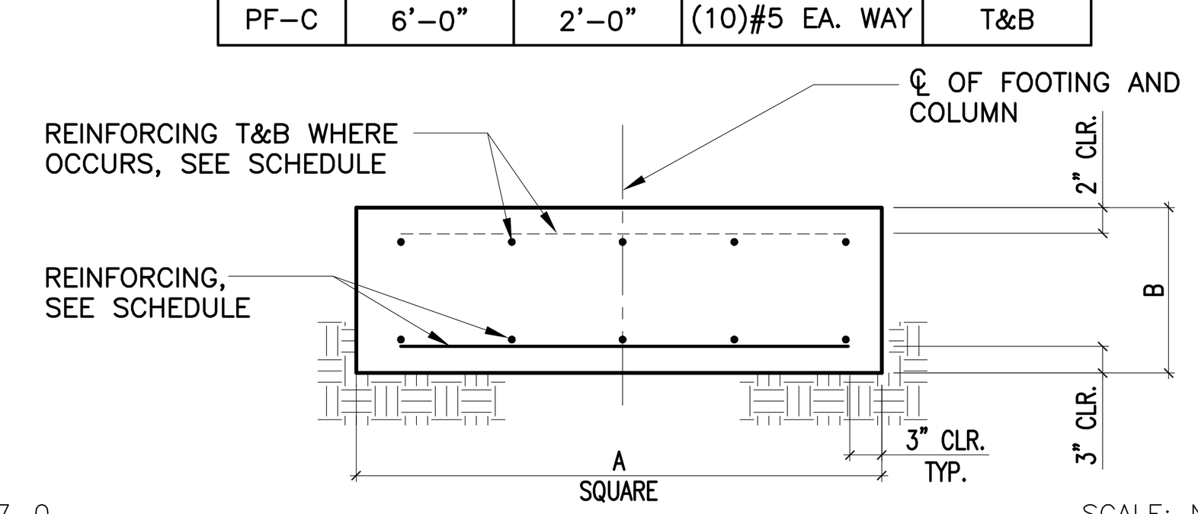


NOTES:
1. FOR FOOTING REINFORCING SEE FOOTING ELEVATIONS AND/OR SECTIONS.
2. VERTICAL WALL DOWELS SHALL EXTEND TO BOTTOM OF FOOTING.

C108-0 SCALE: NO SCALE

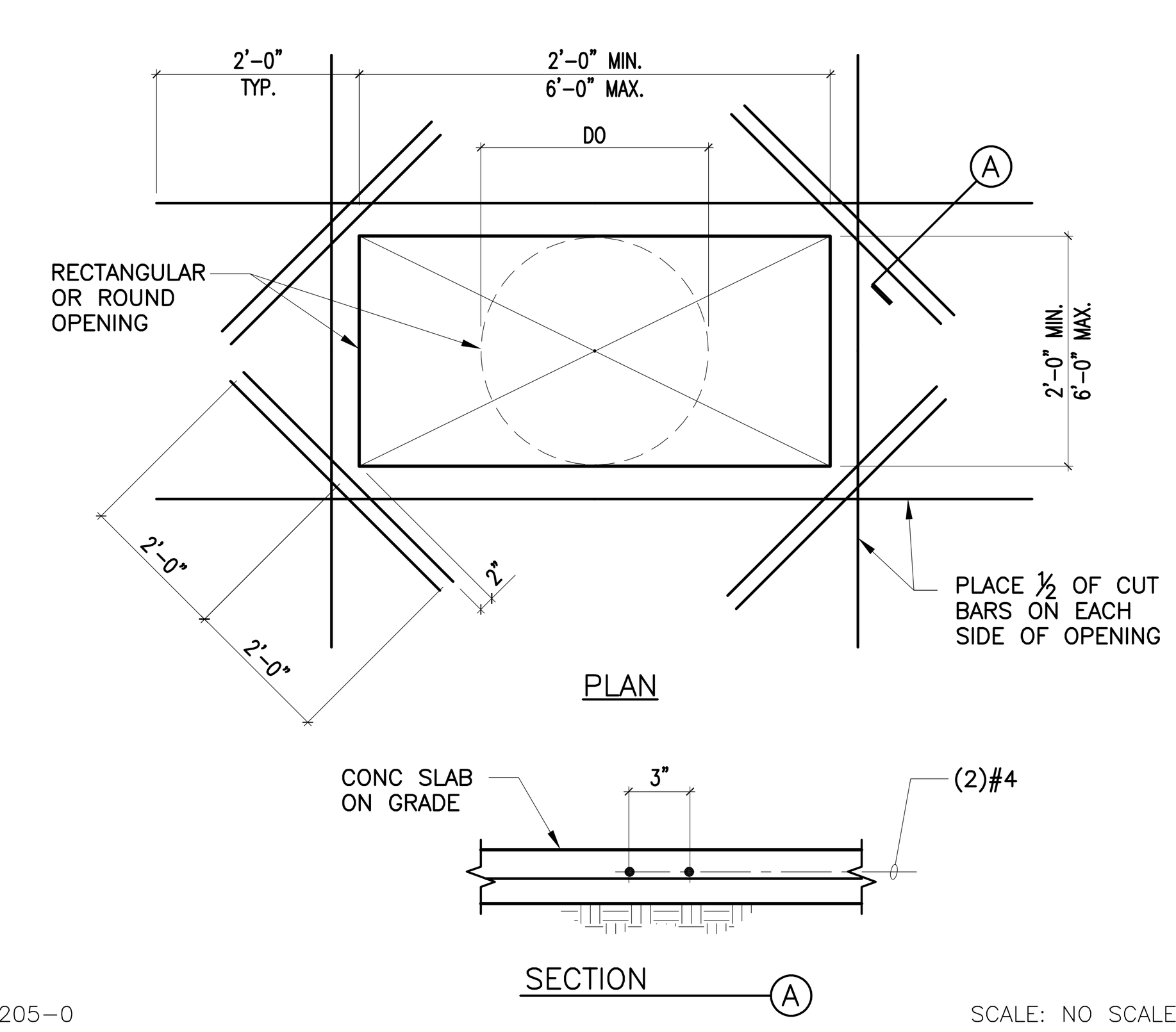
STEPPED FTG: ONE LAYER OF REINF. 3

PAD FOOTING SCHEDULE				
	A	B	REINF.	REMARKS
PF-3	3'-0"	2'-0"	(5)#5 EA. WAY	
PF-4	4'-0"	2'-0"	(7)#5 EA. WAY	
PF-5	5'-0"	2'-0"	(9)#5 EA. WAY	
PF-6	6'-0"	2'-0"	(10)#5 EA. WAY	
PF-7	7'-0"	2'-0"	(12)#5 EA. WAY	
PF-8	8'-0"	2'-0"	(10)#6 EA. WAY	
PF-9	9'-0"	2'-0"	(12)#6 EA. WAY	
PF-10	10'-0"	2'-0"	(14)#6 EA. WAY	
PF-A	4'-0"	2'-0"	(7)#5 EA. WAY	T&B
PF-B	5'-0"	2'-0"	(9)#5 EA. WAY	T&B
PF-C	6'-0"	2'-0"	(10)#5 EA. WAY	T&B



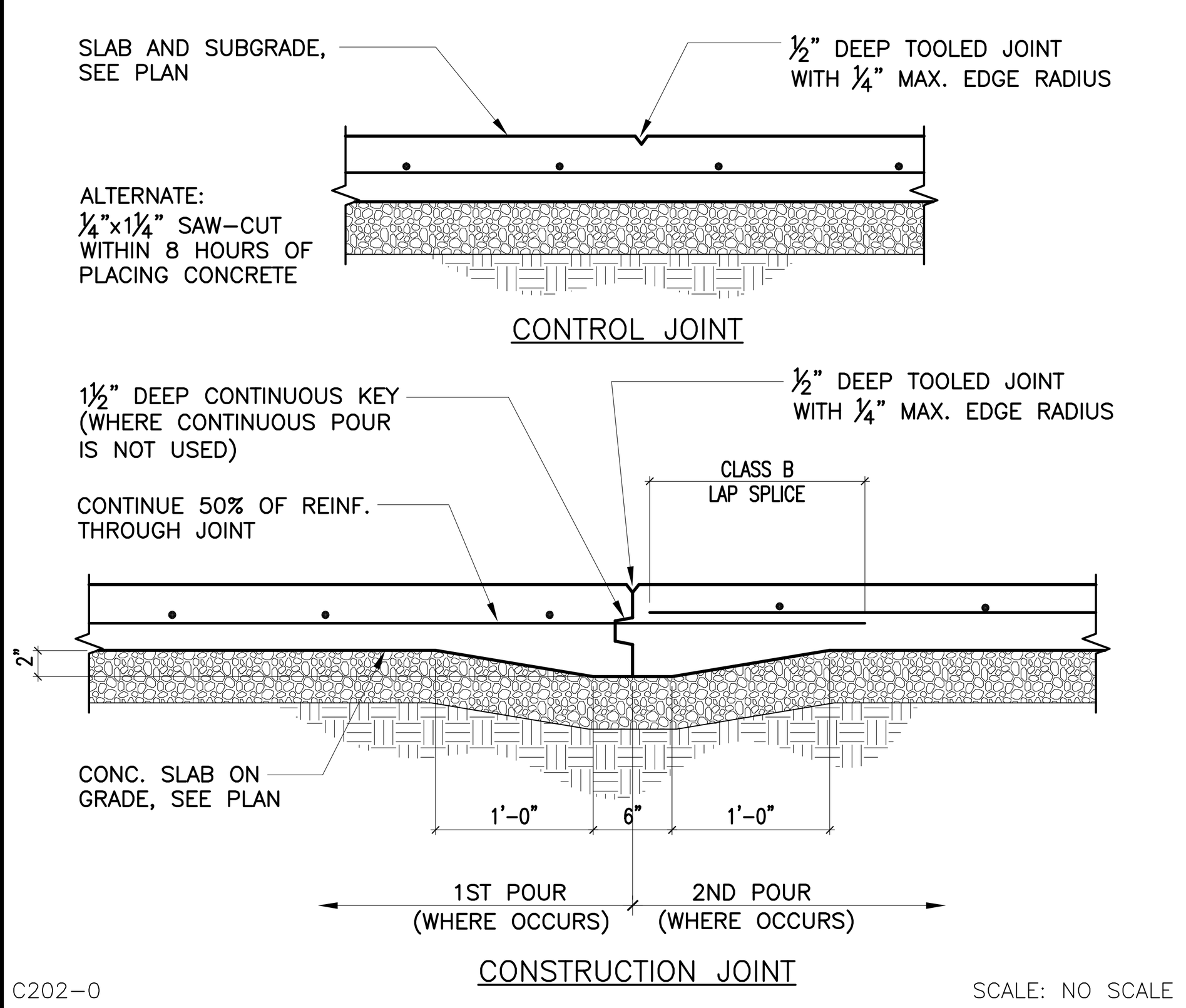
C107-0 SCALE: NO SCALE

PAD FOOTING SCHEDULE 16



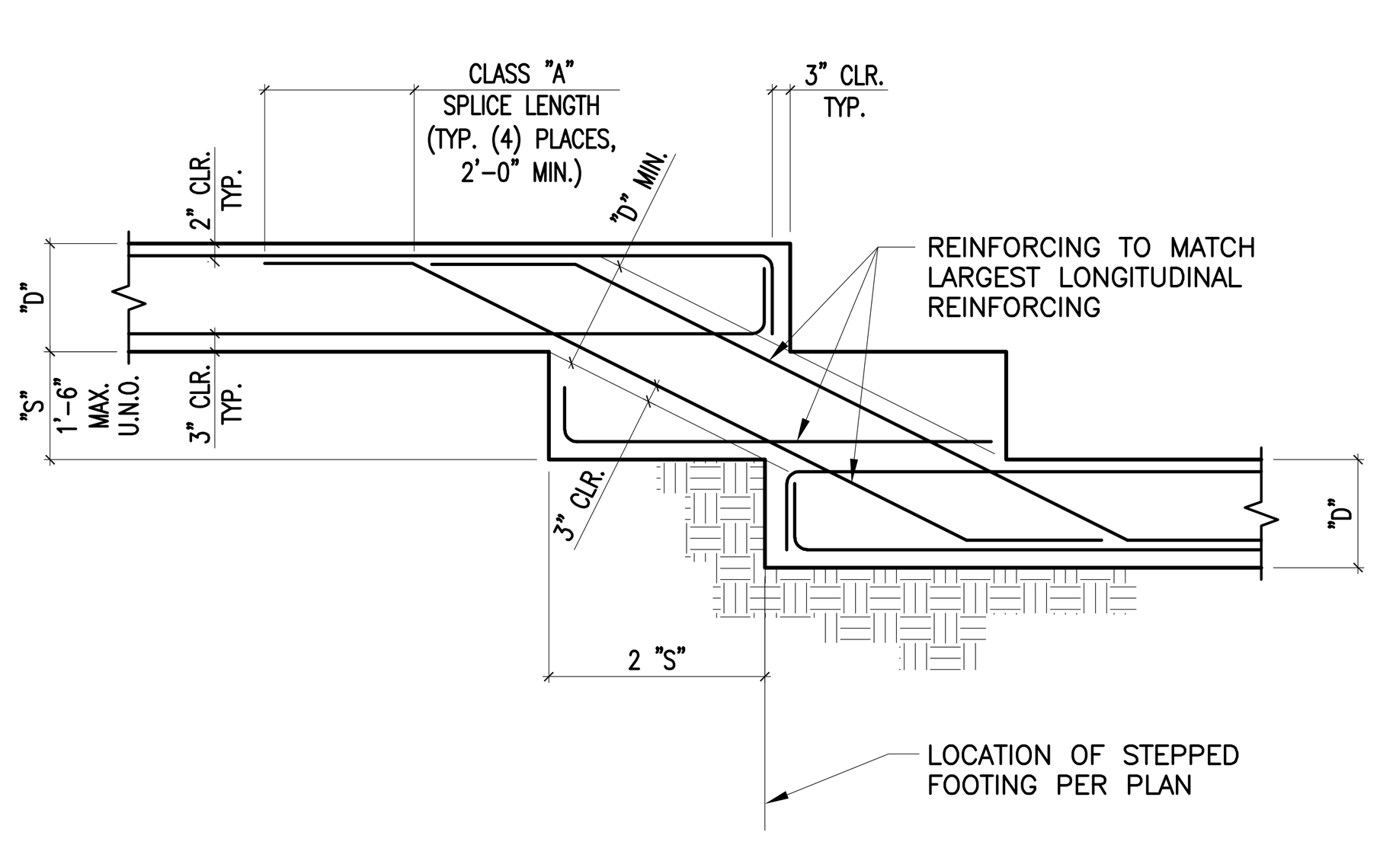
C205-0 SCALE: NO SCALE

OPENING IN SLAB ON GRADE 12



C202-0 SCALE: NO SCALE

JOINT IN SLAB ON GRADE 8



NOTES:
1. FOR FOOTING REINFORCING SEE FOOTING ELEVATIONS AND/OR SECTIONS.
2. VERTICAL WALL DOWELS SHALL EXTEND TO BOTTOM OF FOOTING.

C104-0 SCALE: NO SCALE

STEPPED FTG. TWO LAYERS OF REINF. 4

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BLDG. D4
TYPICAL
CONCRETE DETAILS

NO.	DATE	ISSUE
4	2/7/2020	ADDENDUM #4

PROJECT NO: 17028-00
DATE: 10/18/2019

DRAWING
S0.3
AD5-S01

BID PACKAGE: 08 **Paint, Wall Covering**

SCOPE OF WORK SUMMARY:

The scope of work includes, but is not necessarily limited to, furnishing all labor, materials, accessories, appliances, tools, equipment, facilities, transportation, applicable taxes and services necessary for, and incidental to, performing all operations in connection with the specification sections listed below, complete as indicated on the drawings and specifications or incidental to the requirements of this Bid Package Contractor and/or specified herein, unless specifically excluded.

The Following are the Project Contract Documents and are primary to this Bid Package:

- Bid Packages (All Bid packages on project)

  Bid Package #01 – Concrete, Site General
  Bid Package #02 – Steel
  Bid Package #03 – Casework, Finish Carpentry
  Bid Package #04 – Roofing, Sheetmetal
  Bid Package #05 – Doors, Frames, Hardware
  Bid Package #06 – Lath, Plaster, Drywall
  Bid Package #07 – Flooring, Ceramic Tile
  Bid Package #08 – Paint, Wall Covering
  Bid Package #09 – Windows and Storefront
  Bid Package #10 – Specialties, Building General
  Bid Package #11 – Fire Sprinkler
  Bid Package #12 – Low Voltage, Communications, Security
  Bid Package #13 – Electrical
  Bid Package #14 – Plumbing
  Bid Package #15 – HVAC

- Plans – Murrieta Mesa High School New Classroom Building – November 12, 2019
- Project Manual - Murrieta Mesa High School New Classroom Building – January 6, 2020
- Site Logistics and Fencing Map (Created by EHCC)
- Subsurface Survey – (as included in the Special Conditions)
- Preliminary Project Schedule (as included in the Special Conditions)
- DSA – TI 103 – Testing and Inspection Requirements (if applicable)
- Construction Manager Supplemental Specifications

  001000 General Requirements (for All Bid Packages)
  004600 Post Bid Interview (for All Bid Packages)

012100 Allowances
017301 Final Clean

- Specifications – Murrieta Mesa High School New Classroom Building – November 12, 2019

  Division 01 – General Requirements

  011100 Summary
  012500 Substitution Procedures
  012600 Contract Modification Procedures
  012900 Payment Procedures
  013100 Project Management and Coordination
  013233 Photographic Documentation
  013300 Submittal Procedures
  014000 Quality Requirements
  014200 References
  014529 Testing Lab Services
  015000 Temporary Facilities and Controls
  016000 Product Requirements
  017300 Execution
  017419 Construction Waste Management and Disposal
  017700 Closeout Procedures
  017823 Operation and Maintenance Data
  017839 Project Record Documents
  017900 Demonstration and Training

  Division 07 – Thermal and Moisture Protection
  079000 – Joint Sealants (As Applies to Own Work)
  078123 – Intumescent Fireproofing

  Division 09 - Finishes
  097200 – Wall Coverings
  099113 – Exterior Painting
  099123 – Interior Painting

1.0 INCLUSIONS:

SPECIFIC INCLUSIONS FOR THE SCOPE OF WORK (including, but not limited to)

The Bid Package Contractor will be responsible for completing all work included in the contract documents including, but not limited to, the following summary.

BID PACKAGE: 08 (Continued)

Division 01 – General Requirements

The Bid Package Contractor is responsible for all requirements in the Division 01 – General Requirements of the Specifications.

The Bid Package Contractor is responsible for all items included in the CM Supplemental Specifications and all other requirements as specified in Section 001000 General Requirements.

Division 07 – Thermal and Moisture Protection

079200 – Joint Sealants (As Applies to Own Work)

1. Furnish and install caulking and sealants required or specified for own Work.

078123 – Intumescent Fireproofing

2. Furnish and install all intumescent firestopping on steel columns associated and near the storefront window system, as required for a complete, fireproofed and finished installation. As way of reference, to include but not limited to, details 6/A9.8 and 10/A9.8, as example of intumescent firestopping scope of work.

Division 09 – Finishes

097200 – Wall Coverings
099113 – Exterior Painting
099123 – Interior Painting

3. Furnish and install Provide all labor, material and equipment necessary to install all painting and water repellant coatings per Plans, including but not limited to; all surface preparation, undercoats, prime coat applications, finish coat applications, back priming, primers, paint, emulsions, epoxy, urethanes, enamels, elastomeric paint, stains, fillers, solvents, thinners, sealers, sanding, colors, interior painting, exterior painting, stucco walls, trellises, trash enclosures, CMU walls, trash gates, bollards, metal fencing, stairs, handrails, guardrails, miscellaneous metals, tube steel supports at roof screens, exposed materials and piping of roof mounted HVAC units, plumbing electrical and fire sprinkler piping and all other areas shown or specified to receive painting.

BID PACKAGE: 08 (Continued)

4. Provide all labor, materials and equipment necessary to install all vinyl wall covering per Plans, Specifications and Addenda, including but not limited to; all surface preparation, undercoats, prime coat applications, primers, fillers, sealers, sanding, adhesives, colors, vinyl wall coverings and fabric wall coverings as shown or specified to receive wall covering.

5. Provide all surface preparation of areas scheduled to receive paint, including etching, solvent cleaning, high pressure power washing, wire brushing, sanding and scraping per the recommendations of the coating manufacturer. Shop prime is not acceptable as primer for a finish paint system.

6. All finishes to be smooth and consistent. Cut-in paint to be even and consistent at all color transitions. Caulk at all paint-to-paint locations as required.

7. Colors to be submitted for Owner approval prior to ordering materials.

8. Provide and install caulking and sealants required or specified for own Work.

9. Provide and install caulking at all interior hollow metal frames prior to painting.

10. Provide extra stock and replacement materials as specified.

11. Provide field samples and mockups as specified.

12. Scaffolding and task lighting for own Work.

13. Protection and clean-up of adjacent surfaces from own Work.

14. Clean up of finish surfaces.

15. Touch up of own Work as required.

16. Masking of finish hardware as required.

17. Paint or stain all non-factory finished doors, door frames and window frames.

18. Work to be performed prior to installation of other finishes. Coordinate with project Superintendent as required.

19. Paint all exposed, non-factory finished site metals, this will include site bollards, as noted on A1.1 and detailed on 5/A1.3.

20. Paint access doors and panels to match adjacent surfaces.

21. Water repellent coatings as shown or specified.

22. Sealers at pre cast items as shown or specified.

23. Wood stains and clear finishes as shown or specified.

24. Request and receive written direction from project Superintendent before application of final coats of paint.

2.0 SPECIAL NOTES FOR THIS BID PACKAGE

Contractor for this scope of work shall include an allowance equal to 5% of total construction cost for Bid Package 8 – Paint, Wallcovering, as an **Owner Unspecified Allowance** to be used for unforeseen conditions and at the discretion of the District. See Construction Manager Supplemental Specification Section 012100.

NOTE:
All of the work in the above sections **MUST** be included in the **BID PACKAGE No. 8 – PAINT, WALLCOVERING** unless specifically excluded herein. **CONTRACTOR MUST EXAMINE ALL OTHER SPECIFICATION SECTIONS, DRAWINGS, AND CONTRACT DOCUMENTS** for related work that may be specified or shown on drawings and required to be included as work under this Bid Package.

This Bid Package summary supplements and complements the Plans, Specifications, and the balance of the project documents, hereafter referred to as Contract Documents and in no way supersedes any information contained in the Contract Documents unless specifically stated.

It is the responsibility of each bidder to fully familiarize themselves with the entire Summary of Work for all Bid Packages, as the individual Specifications' Sections interface throughout the project and thus impact all Bid Package Contractors.

END OF THIS SECTION