



To all contractors furnishing all labor and materials necessary and required for constructing the above referenced project. This Addendum has been prepared to clarify, modify, delete, or add to the original or previously modified Contract Documents for the above referenced project. Revisions to items listed here shall supersede description thereof prior to above date. All conditions not specifically referenced here shall remain the same. It is the obligation of the General Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of all Addenda by inserting the addendum number and date in the space provided on Attachment 5 - Acknowledge Receipt of Addenda form. Failure to do so may subject Contractor to disqualification. All addenda items refer to the Specifications and Drawings unless specifically noted otherwise.

Addendum #4 – Total Pages: **31 pages** (including attachments)

GENERAL

- AD04.01** Attachment 2 - Fee Proposal Form has been revised to reflect the updated additive alternates. See attachment **ATT4-01, Fee Proposal Form**.
- AD04.02** Site Logistics Plan indicating Contractor site entrances and lay down areas attached. See attachment **ATT4-04, Site Logistics Plan**.

DRAWINGS

- AD04.03** Sheets C101, C201, C202, and C301:
- Remove Sheets C101, C201, C202, C301 and replace them with new and revised civil drawings per **ATT4-02, Revised Grading Plans**.

Sheets are identified as follows:

C001	CIVIL COVER SHEET
C002	PARTIAL TOPOGRAPHIC SURVEY
C003	PARTIAL TOPOGRAPHIC SURVEY
C101	SURFACE DEMOLITION PLAN
C102	SURFACE DEMOLITION PLAN
C201	GRADING PLAN
C202	GRADING PLAN
C203	GRADING PLAN
C204	GRADING PLAN
C205	GRADING PLAN
C206	GRADING PLAN
C301	DRAINAGE AND SEWER PLAN
C302	DRAINAGE AND SEWER PLAN

C401 PAVING PLAN
C501 EROSION CONTROL PLAN
C302 EROSION CONTROL NOTES & DETAILS
C601 SITE DETAILS
C602 SITE DETAILS

SPECIFICATIONS

AD04.04 Section 32 33 00, Site Furnishings:

- In lieu of Specification Sections 11 68 23.13 & 11 04 82 per details 22 & 17 on Sheet A016, revise to Section 32 33 00 provided as attachment **ATT4-03, 32 33 00 Site Furnishings**.

BID RFIs

AD04.05 **Q:** It is our understanding in working with CJUSD on prior projects that the Fire Alarm system is recommended to be a nonproprietary, open distributorship, fire alarm system. Spec section 28 61 13 Part 2.01 indicates the use of a Silent Knight IFP-2000ECS with no substitutions of which can only be purchased through direct distributorship. This is Silent Knights propriety line. SBS can provide the Farenhyt product line but based on prior conversations with the district, we feel this question needs to be asked. Due to the above narrative, SBS recommend replacing the SK IFP-2000ECS with the Silent Knight 6820XL-EVS as this is Silent Knights nonproprietary voice evac panel that can be purchased via open distributorship and meets all code and spec requirements for this project.

A: Silent Kight 6820XL-EVS fire alarm panel in lieu of Silent Knight IFP-2000ECS is acceptable. This will also require changing all field devices to SK protocol. All other requirements of specification section 28 61 13 still apply. All changes shall be captured in contractor shop drawings submittal.

AD04.06 **Q:** The RFP outlines that Attachment 2 - Fee Proposal is to be submitted at the time of interview (tentatively scheduled for Dec. 18-21). Can you clarify if Attachment 4 - Designation of Subcontractor Form and Attachment 5 - Acknowledge Receipt of Addenda are to be submitted at the interview or included in our RFP response due December 12th, 2023?

A: Attachments 4 and 5 are to be submitted with Attachment 2 at the time of interview.

AD04.07 **Q:** The Addendum 1 estimated milestone schedule shows that the HVAC/roofing scope will happen in phase 3, Summer of 2025. However, the phasing plan shows Building L scope happening during the 2024 Summer. Please confirm that the complete HVAC/roofing scope is to happen in the summer of 2025.

A: All work except for the roof and HVAC scope for Building L shall happen in the Summer of 2024. Roofing and HVAC for Building L shall happen in the Summer of 2025.

AD04.08 **Q:** The plans call for new asphalt ADA parking stalls. I suggest doing concrete to guarantee ADA compliance and remove and replace another 5' of asphalt around parking stalls to blend into existing asphalt.

A: These are designed as asphalt but contractor may pave with concrete if desired but shall be no additional cost to the owner. If paved with concrete the section shall be one of the two:

1. 6"PCC over 6" Class II AB on 12" lime treated subgrade
2. or 6" PCC over 12" Class II AB on prepared native subgrade

Reinforcing shall be #4 bars at 18" o.c. for either of the two.

Provide thickened edges in accordance with detail 15/C601 provided as part attachment **ATT4-02, Revised Grading Plans**

AD04.09 **Q:** At the North side of the basketball courts there is a 0.71' elevation change in roughly 2 feet. Is there supposed to be a curb there or is there an elevation bust?

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.10 **Q:** At the West side of the basketball courts there is a 1.48' difference in current elevation and new. Is this accurate or is this a grade bust?

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.11 **Q:** Please confirm all basketball poles are to remain at current elevations.

A: Basketball poles, nets, and backstops are to be removed and replaced with new, see attachment **ATT4-02, Revised Grading Plans and ATT4-03, 32 33 00 Site Furnishings**.

AD04.12 **Q:** The RIDGE in the flatwork in front of building B should be on an expansion joint.

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.13 **Q:** Please provide invert elevations at new area drain and DI.

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.14 **Q:** Note 3 says construct swale. Is the swale just the concrete sloped to the drains or is this to be new pipe and the wrong note is applied?

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.15 **Q:** Please provide demo limits and pipe size for the water pipe per note 22.

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.16 **Q:** The elevation of flat work in front of building D is higher than the building elevation. Please confirm that this is correct.

A: See revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.17 **Q:** Please confirm and provide elevations for the new curb around the planters to the West of Building C

A: New curb around planters confirmed, see revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.18 Q: Are there to be mow bands around the buildings at landscape areas?

A: Yes, provide new mow bands, see revised grading plans per attachment **ATT4-02, Revised Grading Plans**.

AD04.19 Q: The detail for the seat wall shows it as a 12" wide seat wall but the plans reflect an 18". Please confirm the width of the seat wall.

A: Seat walls are 18" wide, see new detail per attachment **ATT4-02, Revised Grading Plans**.

AD04.20 Q: Plan calls for new "Site Wall". Please provide details and dimensions of site wall

A: See Detail 16/C601 per attachment **ATT4-02, Revised Grading Plans**.

AD04.21 Q: The Volleyball posts are within the footprint of the basketball courts and are poured in place per the detail. Please see attached for another option to have a flush sleeve with cap and removeable posts.

A: Volleyball posts and flush sleeves clarified in new specification section, see **ATT4-03, 32 33 00 Site Furnishings**. Proposed Porter 00444-00 or equal is acceptable. Provide in DSA approved concrete footing per detail 17/A016.

AD04.22 Q: Please provide spec section 11 as indicated in plans.

A: See new specification section 32 33 00 for basketball and volleyball equipment per attached **ATT4-03, 32 33 00 Site Furnishings**.

AD04.23 Q: On Plan page A703R detail 6, the note references detail 15/A621 for Locker anchorage blocking. There is no page A621. Please provide this detail if new blocking is needed. Note the new lockers are going in the same location as the existing lockers so it may be possible to use the existing in wall backing. Please advise.

A: Refer to detail 15/A711 for solid wood backing. Provide new backing as part of this project bid alternate.

AD04.24 Q: On drawing E100, what are the voltage, KVA and type specifications of the Transformer that needs to be removed and replaced in Building U the Library?.

A: The unlabeled transformer on Sheet E100 is Transformer T-M, a 150kVA, NEMA3R 480V -> 120/208V step down transformer. Replace with like kind transformer meeting the requirements of Section 262213. Please note that all replacement transformers on this project are N3R 480V -> 120/208V step down transformers, and that Transformer TJ is rated 112.5kVA (not 115.5).

AD04.25 Q: On all A drawings, the General Notes #1 describes removing and replacing lights. Is it allowable for the painter to tape off and cover all the ceiling mounted lights with plastic prior to painting rather than the Electrician physically removing and replacing the lights at a much higher cost?

A: Yes, it is acceptable to tape off and cover existing light fixtures in lieu of removal and reinstallation.

AD04.26 **Q:** Building H on drawing A200 shows four (4) new lights, no specification of florescent or LED or fixture type specified. What brand and model are these lights? Are these the only new lights to be installed on the whole project?

A: Provide Lithonia CLX-L96-10000LM-SEF-RDL-MVOLT-GZ10-35K-80CRI (+ZACFPD120) and suspend from ceiling at +10', or as directed by the architect.

AD04.27 **Q:** Metal Locker Anchor Detail RFI: Regarding the Metal Lockers shown on A703R, Sheet Notes 30 and 31 reference lockers to be placed on concrete curbs. However, detail 6 on A703R calls for a metal Z-Base by MFR. Please clarify if there will be a concrete curb or metal Z-Base. If a concrete curb is called for, would a 3/8" screw-in anchor per the attached detail be acceptable?

A: Revise Keynote 30/A703R to read "(N) 2-Tier locker on new metal base...." Instead of new concrete curb. Lockers indicated by Keynote 31 are to be installed on existing concrete curbs with expansion anchors equal to Hilti KB TZ-2, 2" min embed at 36" max. and 4" max. from ends.

AD04.28 **Q:** The Sheet Notes 30 and 31 on A703R refer to lockers as 2-Tier 18 inches wide x15 inches deep x 48 inches tall. In the specifications 10 51 13 Metal Lockers paragraph 2.02A, the height of the lockers is specified as 36 inches tall. The common height for 2-Tier lockers is 36 inches. Please confirm the height of the 2-Tier lockers.

A: Confirmed, the 2-Tier Lockers are 36" tall each, 72" total unit height plus existing curb or new metal base.

AD04.29 **Q:** Irrigation New Mainline Diameter Size RFI: The irrigation nor demo plans specify the new mainline diameter size. Please confirm the size of the new irrigation mainline for bidding purposes.

A: 4" mainline diameter.

AD04.30 **Q:** Please confirm the material, depth, and thickness of the Exterior Metal Letter Signage.

A: Building letters shall be 1.25" thick, 9" or 12" tall, powder coated cast aluminum.

AD04.31 **Q:** Keynote 5 on A000 Overall Site Plan calls out one location on the north side of Building A, one location on the south side of Building B, and one location on the south side of Building C for Metal Building Signage. The exterior elevations for Buildings A and C on A500 and Building B on A501 do not show locations or letters for the Metal Building Signage. Please confirm Metal Building Signage locations and letters for Buildings A, B, and C as called out on A000 Overall Site Plan.

A: Provide the following lettering at the buildings listed below per Keynote 13/A500. Exact location to be determined during construction. Installation will be on an existing plaster wall similar to Building J:

Building A:	MULTIPURPOSE
Building B:	GYMNASIUM
Building C:	ADMINISTRATION

AD04.32 **Q:** Specifications state both Category 6 and Category 6e cabling for CCTV Video Surveillance system. The CCTV Requirements on the drawings state Category 6E cable must be installed for the CCTV system. This discrepancy in Category 6 and Category 6E

effects bandwidth plus the cost of the jacks, patch panels and patch cords materials too. Which bandwidth cabling infrastructure is correct? Category 6 or 6E?

A: CAT6A cabling required for security cameras. District standard. Specified camera is no longer available. Provide Verkada CD22 dome camera.

AD04.33 **Q:** Plan Page A600 door schedule for building H, door 702 calls for a new door frame. The schedule seems to call out a wood frame but the detail 10/A701 shows hollow metal. Is the new frame wood or hollow metal?

A: The new frame shall be hollow metal.

AD04.34 **Q:** Plan page A600 door schedule for building C, door 1503C calls for the frame and door to be re-swung to the opposite hand. Is the existing frame wood or hollow metal?

A: The existing frame is hollow metal with a solid core wood door.

AD04.35 **Q:** What is the cut and species for the new paint and stain grade wood doors?

A: Provide samples of quarter-sawn oak and maple for client selection at time of submittal.

AD04.36 **Q:** Roofing details call for new roofing to be extended vertically up the parapet/mechanical well walls but there are no details or dimensions showing the height of the parapet/mech. well walls. Please provide wall heights at each bldg.

A: Wall heights vary by building and are approximately 42" tall.

AD04.37 **Q:** The Project Manual does not provide a spec section for the 1x1 glue-up ceiling tile, and the finish schedule does not provide product/manufacture. Due to the 1x1 glue-up ceiling being painted, we are not able to see the type through the paint on the photos provided from site walk. Please Confirm product/manufacture for the glue-up tile.

A: Armstrong 12"x12" Fine Fissured Surface Mounted Ceiling Tiles.

AD04.38 **Q:** Building G, Classroom 504 finish schedule calls for replacement of 1x1 tile trim, the RCP A203 does not provide any keynotes pertaining to the 1x1 tile trim nor does not provide quantity of replacement. Please confirm if it is not required or provide area/quantity to replace.

A: Approximately 10 L.F. of trim needs to be replaced at the ceiling along the north wall.

AD04.39 **Q:** Building N, Classrooms 102, 110, 111 finish schedule calls for replace broken/stained 1x1 ceiling tiles, the RCP A206 does not provide any keynotes pertaining to the replacement of the 1x1 ceiling tiles. Please confirm it is required for those rooms and if so, provide quantity of replacement per each room.

A: Provide new work Keynote 6 at Rooms 102, 110, and 111 on sheet A206 replacing 4 tiles per room.

AD04.40 Building N, RCP A206 rooms 110, 111, 112, 113, 114, 115, 116, 117, 118 shows to receive NEW glue-up ceiling tile per the Legend on the RCP sheet, however next to the room numbers, calls for Keynote 6 to "Replace Broken or Stained 12x12 Applied Ceiling Tiles to Best Match Existing – Number of Tiles Indicated Next to Keynote". Please

confirm if these rooms are to receive NEW 12x12 ceiling tile or to follow Keynote 6 and replace per the quantity indicated next to keynote.

A: Follow Keynote 6 and the quantified tile replacement for these rooms. The RCPs for these rooms show a bold tile hatch which is incorrect. The existing tiles are in generally good condition with a handful needing replacement prior to painting.

AD04.41

Q: Building V, Practice room 1701 & 1702 finish schedule calls for (AWC) Acoustical Wall Covering with comment to "Replace Damaged AWC", however the plan set does not provide any elevations pertaining to those rooms nor does not provide quantity of damaged to be replaced and does not indicate the type and size panel. Please confirm whether AWC panels are to be replaced and provide elevation/locations, type/manufacture, size/color.

A: Remove acoustical wall covering replacement scope of work from Rooms 1701 and 1702, Building V.

ATTACHMENTS

ATT4-01 Fee Proposal Form (_2_ pages)
ATT4-02 Revised Grading Plans (_18_ sheets)
ATT4-03 32 33 00 Site Furnishings (_3_ pages)
ATT4-04 Site Logistics Plan (_1_ page)

End of Addendum No. 4

ATTACHMENT 2 – FEE PROPOSAL – Revised - Addendum #4

DO NOT SUBMIT THIS FORM WITH THE PROPOSAL. ATTACHMENT 2 MUST BE BROUGHT TO THE INTERVIEW IN A SEALED ENVELOPE. The fee proposal, “Attachment 2”, must be submitted in a separate, sealed envelope with your company name, proposal title, “Fee Proposal, Attachment 2”, labeled on the outside of the envelope and brought to the interview. Only those Firms that are invited to interview will be required to complete the Fee Proposal (Attachment 2).

The proposed not-to-exceed Guaranteed Maximum Price (“GMP”) for construction services should be expressed as a lump sum firm-fixed price based on the construction budget, schedule, DSA approved plans and specifications and the description of the Project in Section II of the RFP, as follows. The GMP shall also include the following allowances and contingencies:

The Firm proposes the following:

a. Proposed Base Price _____ \$ _____
(In words) (in numbers)

b. Allowances:

Allowance - 1: Unforeseen Conditions	\$ 150,000
Allowance - 2: Hazardous Material Abatement	\$ 50,000

c. Contingencies:

Construction Contingency	\$ 250,000
District contingency	\$ 75,000
Errors & Omissions (E&O) contingency	\$ 50,000

FINAL TOTAL PROPOSED GUARANTEED MAXIMUM PRICE: State the total proposed price in both numbers and words (including all items listed in a, b and c above):

_____ \$ _____
(in words) (in numbers)

d. Additive Alternates:

Add Alternate No. 1 Replacement of HVAC units and ancillary work related to the replacement of HVAC on Building “J”. Contractor to provide a contract price to replace scope as described in the technical specifications and drawings.

_____ \$ _____
(In words) (in numbers)

Add Alternate No. 2. Additional locker and flooring upgrades at Building B per attachment ATT2-03 of Addendum #2 (Sheet 702R and 703R, Delta 2 and specifications).

_____ \$ _____
(In words) (in numbers)

Add Alternate No. 3. Slurry Seal and RE-stripe roadway at Center Court Lane per attachment ATT2-04 of Addendum #2 (Sheet A001R, Delta 2).

_____ \$ _____
(In words) (in numbers)

NOTE: Should the Firm try to revise the final GMP to be set forth in the lease-leaseback agreement forms in Attachment 3 so that it exceeds the amount listed above, the Firm agrees and acknowledges that the District has the right to deem the Firm’s proposal non-responsive, cancel the lease-leaseback contract without owing any fees or costs to the Firm, and award a contract to another contractor/Firm.

Executed this ____ day of _____, 2023

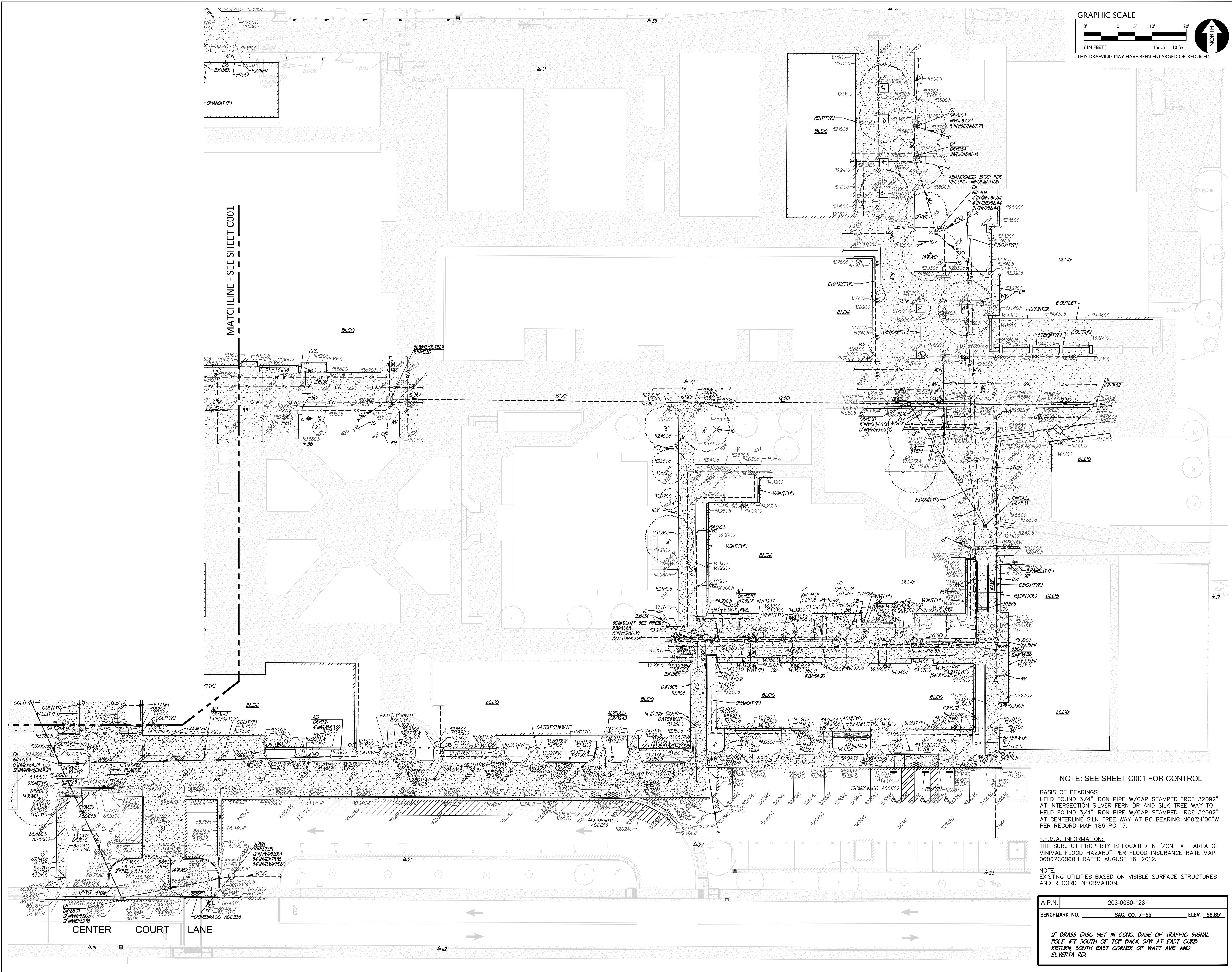
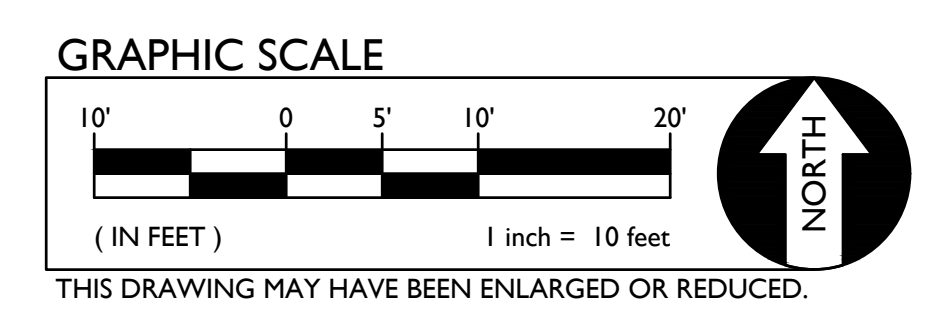
Company Name

Signature

Title

Print Name

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



NOTE: SEE SHEET C001 FOR CONTROL

BASIS OF BEARINGS:
 HELD FOUND 3/4" IRON PIPE W/CAP STAMPED "RCE 32092"
 AT INTERSECTION SILVER FERN DR AND SILK TREE WAY TO
 HELD FOUND 3/4" IRON PIPE W/CAP STAMPED "RCE 32092"
 AT CENTERLINE SILK TREE WAY AT BC BEARING N00°24'00"W
 PER RECORD MAP 186 PG 17.

F.E.M.A. INFORMATION:
 THE SUBJECT PROPERTY IS LOCATED IN "ZONE X--AREA OF
 MINIMAL FLOOD HAZARD" PER FLOOD INSURANCE RATE MAP
 06067C0060H DATED AUGUST 16, 2012.

NOTE:
 EXISTING UTILITIES BASED ON VISIBLE SURFACE STRUCTURES
 AND RECORD INFORMATION.

A.P.N.	203-0060-123
BENCHMARK NO.	SAC. CO. 7-55
ELEV.	88.851

2" BRASS DISC SET IN CONC. BASE OF TRAFFIC SIGNAL
 POLE 1 FT SOUTH OF TOP BACK S/W AT EAST CURB
 RETURN SOUTH EAST CORNER OF WATT AVE AND
 ELVERTA RD.

CENTER HIGH SCHOOL MODERNIZATION

3111 Center Court Lane
 Antelope, CA 95844

Center Joint Unified School District



CONSULTANT
nacht&lewis
 600 Q Street, Suite 100
 Sacramento, CA 95811
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ARCHITECT

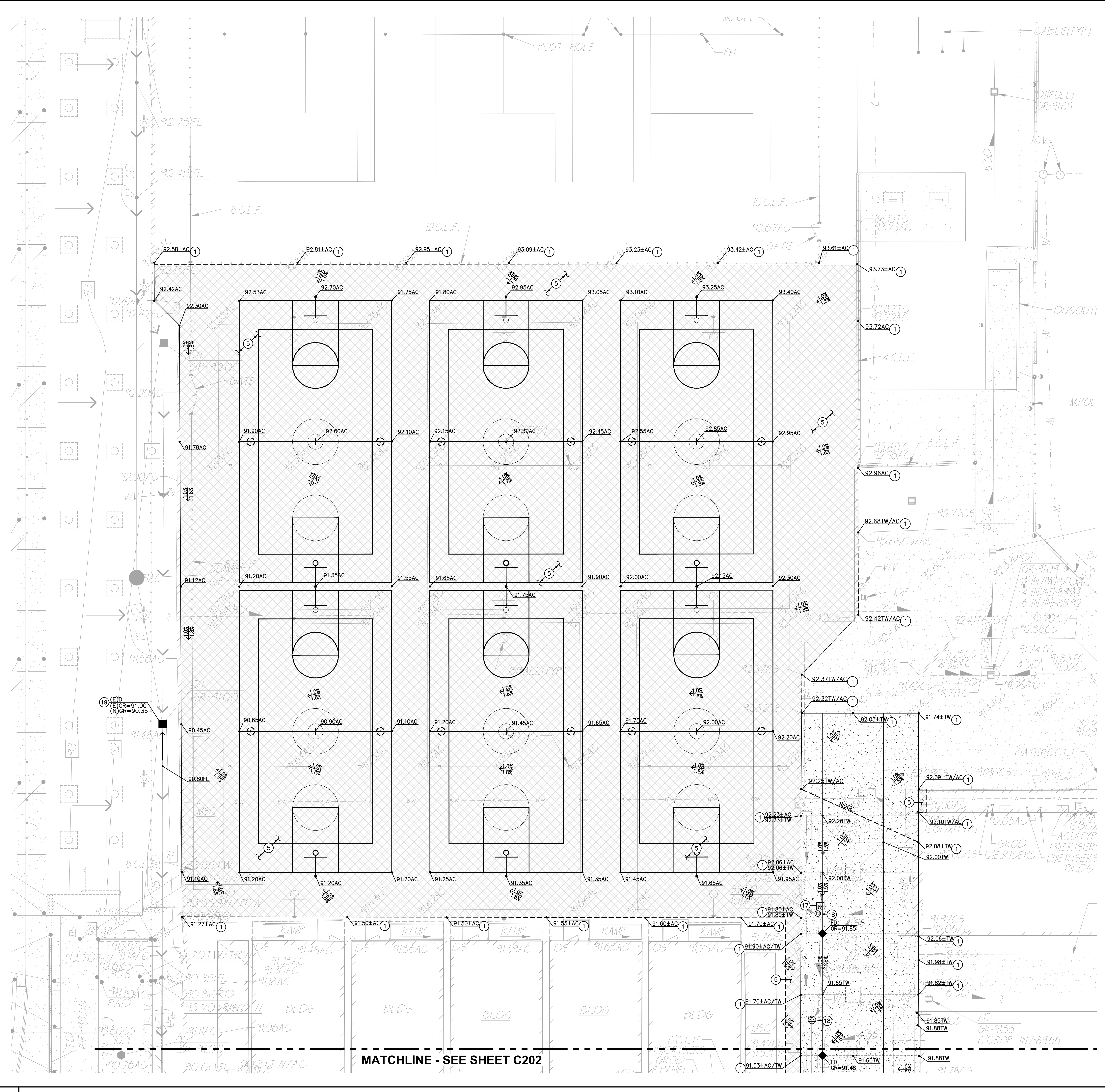
REVISIONS		
NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	06/04/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
05	30% CD	03/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

DATE:
 JOB NO.: Y1826.00
 SHEET TITLE

TOPOGRAPHIC
 SURVEY PLAN

SHEET NO.
C003

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



1 GRADING PLAN SCALE 1" = 10'-0"

PAVING GENERAL NOTES:

1. ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
2. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
3. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
4. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
5. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND FOOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
8. ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS. MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH NOTES

REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.

1. PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
2. PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.

CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND CONSTRUCTION NOTES

- NOT ALL NOTES MAY BE USED ON THIS SHEET
1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) (C601)
 2. PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING. (1) (C601), (2) (C601), (3) (C601), (15) (C601)
 3. PROVIDE TOPSOIL FOR NEW PLANTING. SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING. SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (5) (C601)
 4. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) (C601)
 5. ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (30) (A017)
 6. MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDING EACH SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD. TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302. (4) (C601)
 7. CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS. (18) (C601)
 8. CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (21) (C601)
 9. CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED. (6) (C601)
 10. CONSTRUCT CONCRETE CURB GUTTER PER THE DETAIL PROVIDED. (12) (C601)
 11. REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE. (20) (C601)
 12. CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. (16) (C601), (17) (C601)
 13. CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED. (14) (C601)
 14. PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR RELOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (25) (A017)
 15. CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED. (20) (A017), (10) (C602)
 16. CONSTRUCT 18" WIDE, 18" TALL (NOMINAL) CONCRETE SEATWALL WITH FORMED ANTI-SKATE GROOVES PER THE DETAIL PROVIDED. (11) (A016), (7) (C601), (7) (C601)
 17. REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1324, HT1730, HT2435 OR HT3045, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (20) (A017), (10) (C601), (5) (A017)
 18. REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED VALVE BOX, CHRISTY G5, G8 OR APPROVED EQUAL. JENSEN HT1017 OR HT1324 SHALL BE USED FOR LARGER VALVE ASSEMBLIES. (11) (A016)
 19. REMOVE EXISTING FRAME AND COVER ADD OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED. (7) (C601)
 20. CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER THE DETAIL PROVIDED. (7) (C601)
 21. CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDES. (11) (A016)
 22. CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED. (7) (C601)
 23. CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) (C601)
 24. CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) (C601)

811
Know what's below.
Call before you dig.

GRAPHIC SCALE

(IN FEET) 1 inch = 10 feet
THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

↑
N

DIVISION OF THE STATE ARCHITECT

CENTER HIGH SCHOOL MODERNIZATION

Center Joint Unified School District



nacht&lewis

600 Q Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
916.329.4000

ARCHITECT

REVISIONS

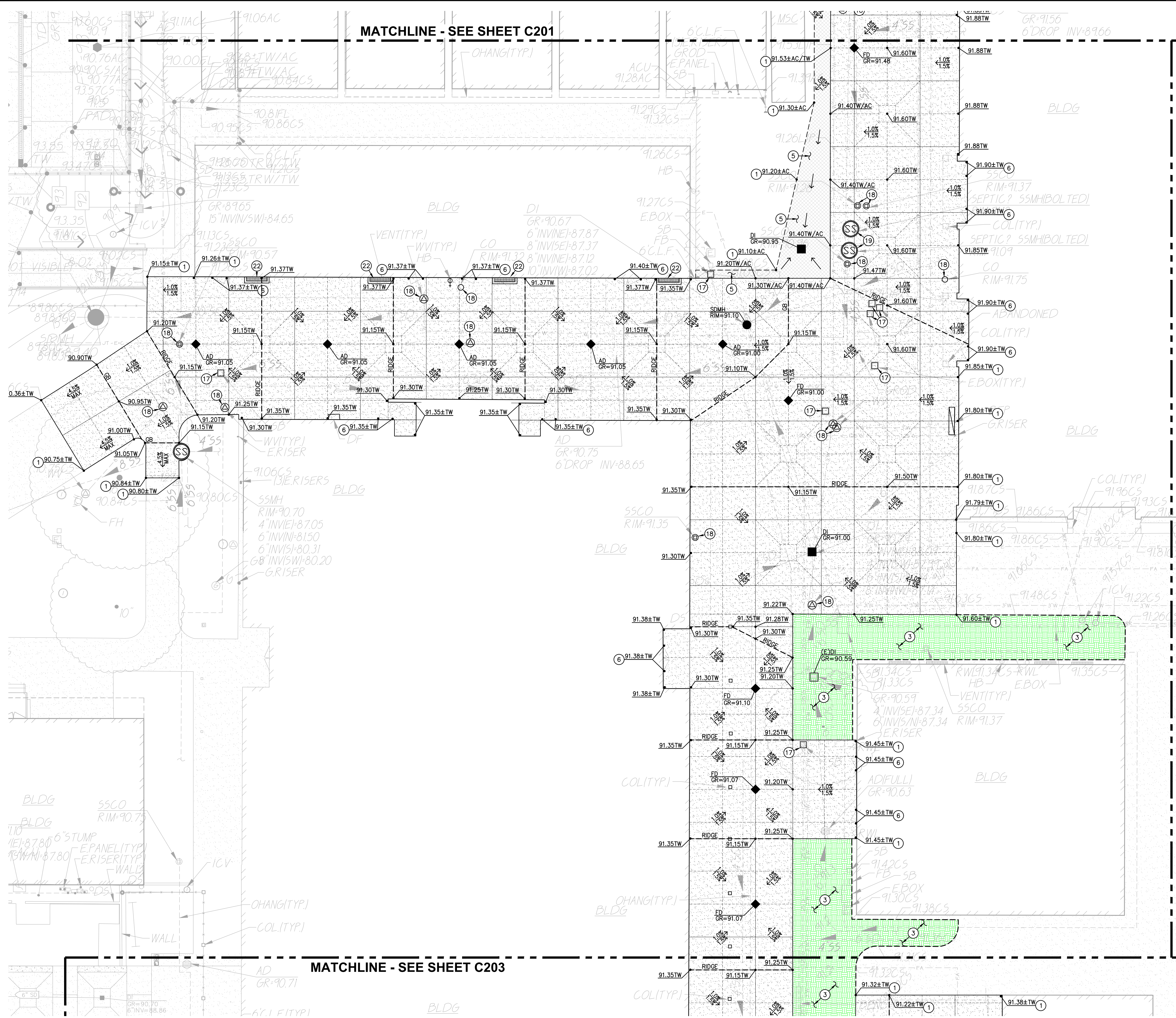
NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	08/24/18
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03	100% SD	08/03/18
04	100% DD	10/11/18
05	50% CD	01/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

DATE: 1/13/2023
 JOB NO.: Y1826.00
 SHEET TITLE

GRADING PLAN

SHEET NO. C201

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS.
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS.
- ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
- PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND FORTHOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
- ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTOR'S SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH NOTES

REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.

- PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
- PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:

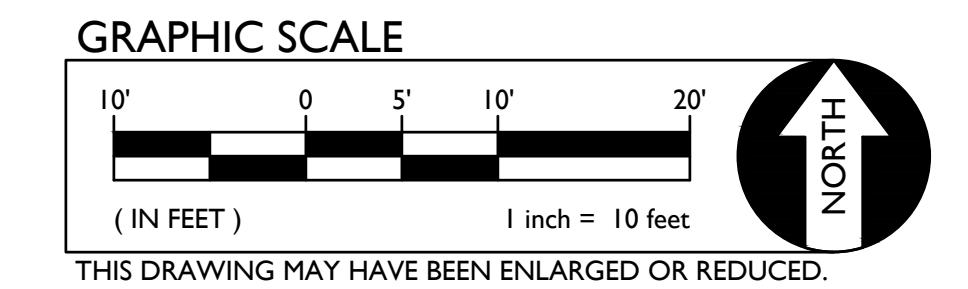
- CONCRETE FLATWORK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE DRIVEWAY - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING. CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND

NOT ALL NOTES MAY BE USED ON THIS SHEET

- MATCH EXISTING GRADE/ELEVATION, WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) C601
- PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING. (1) C601, (2) C601, (3) C601, (15) C601
- PROVIDE TOPSOIL FOR NEW PLANTING, SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING, SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (5) C601
- CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) C601
- ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (30) A017
- MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDING EACH SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD. TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302. (4) C601
- CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS. (18) C601, (21) C601
- CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (6) C601
- CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED. (12) C601, (20) C601
- REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE. (14) C601
- CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. (16) C601, (17) C601
- CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED. (14) C601
- PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR RELOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (25) A017
- CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED. (20) A017, (10) A017, (5) A017
- REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1524, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (7) C601, (7) C601
- REMOVE EXISTING FRAME AND COVER ADD OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED. (11) A016
- CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDED. (7) C601, (7) C601
- CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED. (7) C601, (7) C601
- CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601, (7) C601
- CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601, (7) C601

1 GRADING PLAN SCALE 1" = 10'-0"



DIVISION OF THE STATE ARCHITECT

CENTER HIGH SCHOOL MODERNIZATION
 Center Joint Unified School District

3111 Center Court Lane
 Antelope, CA 95844



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 Sacramento, CA 95811
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 916.329.4000

ARCHITECT

NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	08/07/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
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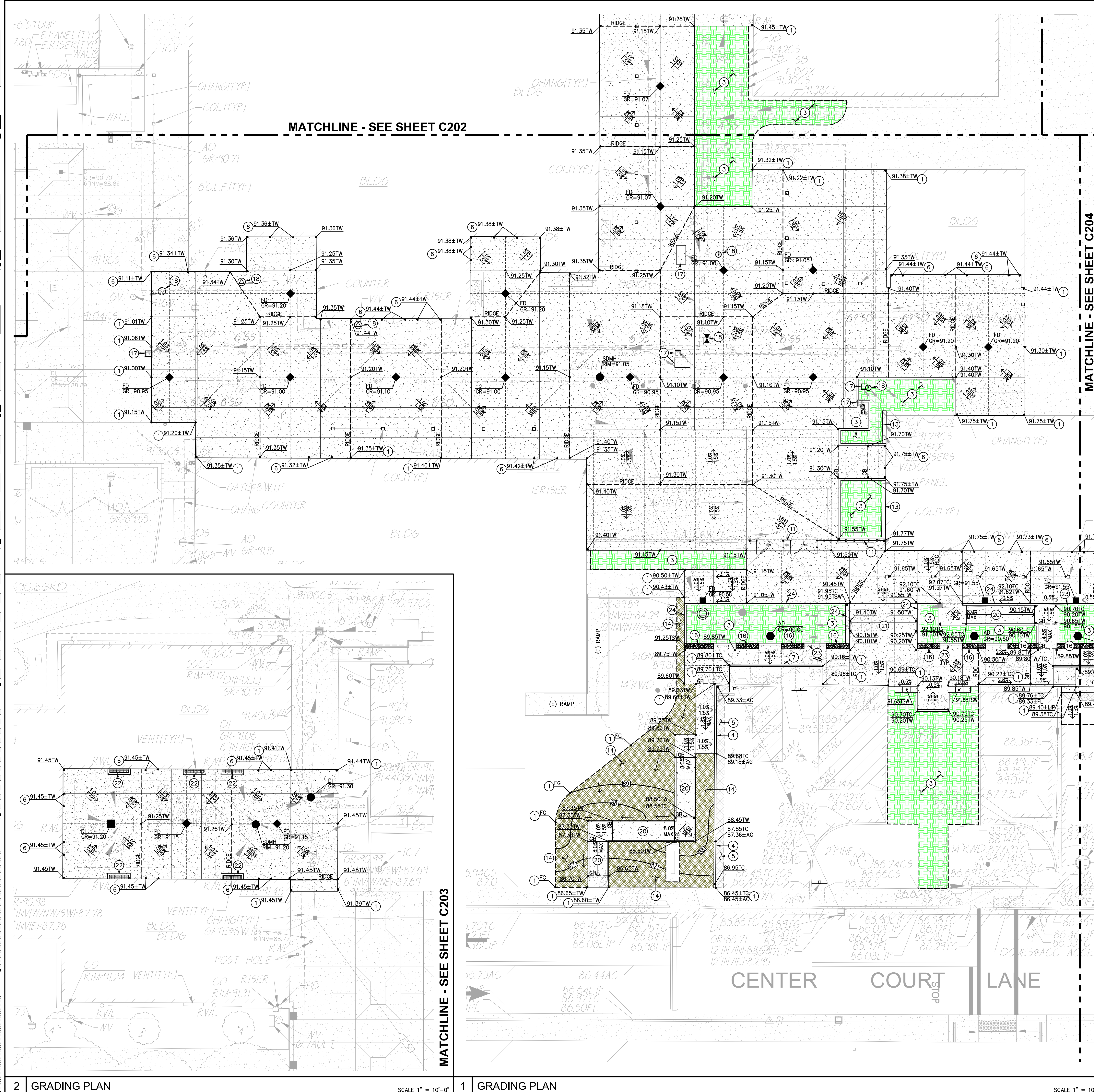
DATE: 11/08/19
 JOB NO.: Y1826.00
 SHEET TITLE

GRADING PLAN

SHEET NO.

C202

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
- ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
- PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND FORTIFIED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
- ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

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- PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE VEHICLE SPACE - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING. CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND

CONSTRUCTION NOTES

NOT ALL NOTES MAY BE USED ON THIS SHEET

- MATCH EXISTING GRADE/ELEVATION, WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) (C601)
- PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING. (1) (C601), (2) (C601), (3) (C601), (15) (C601)
- PROVIDE TOPSOIL FOR NEW PLANTING, SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING, SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (5) (C601)
- CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) (C601)
- ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (30) (A017)
- MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDING EACH SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD. TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302. (4) (C601)
- CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS. (18) (C601), (21) (C601)
- CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (6) (C601)
- CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED. (12) (C601), (20) (C601)
- REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE. (14) (C601)
- CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. (16) (C601), (17) (C601)
- CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED. (14) (C601)
- PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR LOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (25) (A017)
- CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED. (20) (A017), (10) (C602)
- REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1524, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (20) (A017), (10) (A017)
- REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED VALVE BOX, CHISTRY G5, G8 OR APPROVED EQUAL. JENSEN HT1017 OR HT1524 SHALL BE USED FOR LARGER VALVE ASSEMBLIES. (20) (A017), (10) (A017)
- REMOVE EXISTING FRAME AND COVER AND OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED. (11) (A016)
- CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER THE DETAIL PROVIDED. (7) (C601), (7) (C601)
- CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDES. (7) (C601), (7) (C601)
- CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED. (7) (C601), (7) (C601)
- CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) (C601), (7) (C601)
- CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) (C601), (7) (C601)

GRAPHIC SCALE

10' 5' 10' 20'
 (IN FEET) 1 inch = 10 feet

811 Know what's below. Call before you dig.

THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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ARCHITECT

REVISIONS

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01	CONCEPTUAL DESIGN SET	08/04/18
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DATE: 11/08/19
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GRADING PLAN

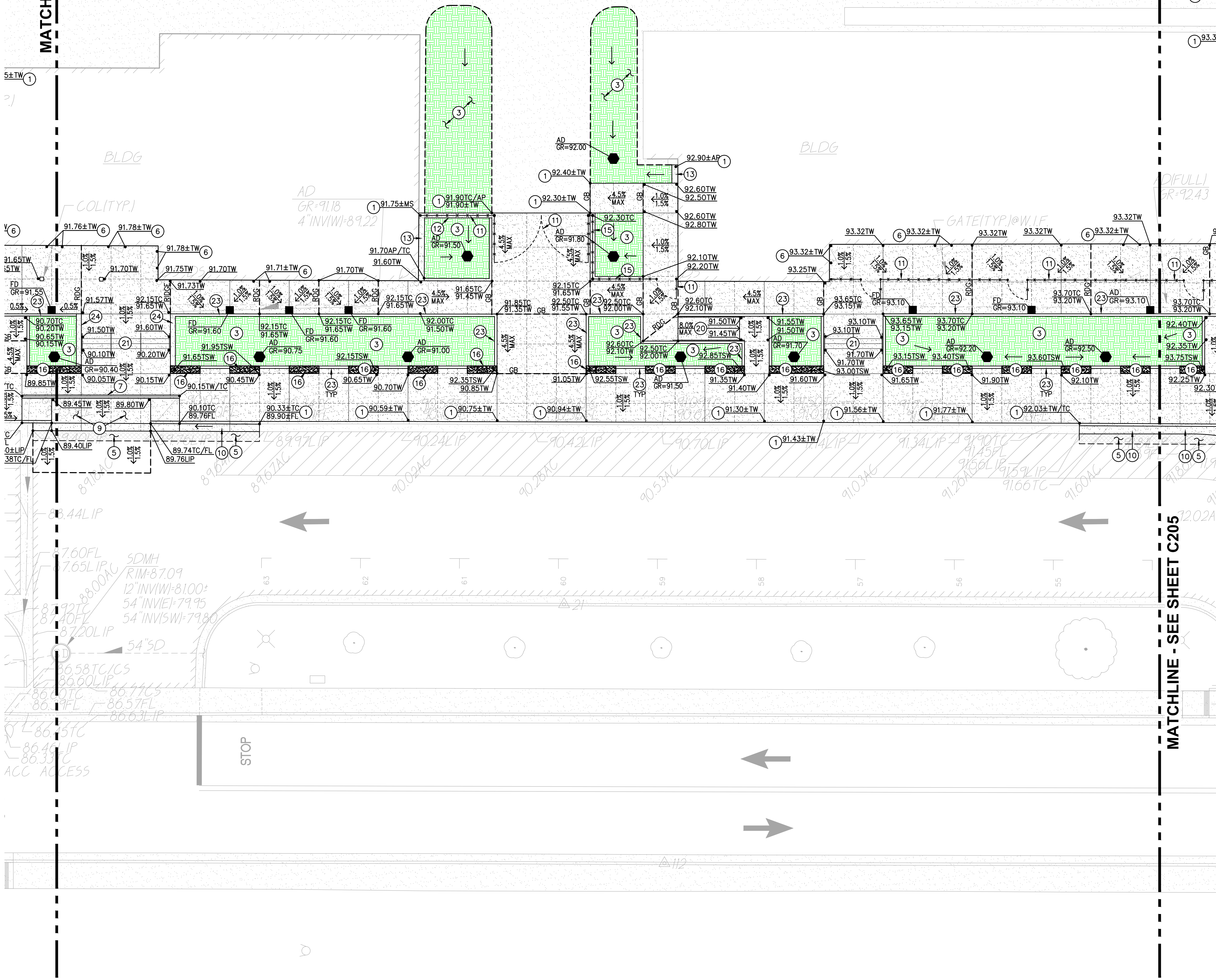
SHEET NO. C203

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET

MATCHLINE - SEE SHEET C206

MATCHLINE - SEE SHEET C203

MATCHLINE - SEE SHEET C205



PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
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- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
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CONCRETE FINISH NOTES

- REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
- PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
 - PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

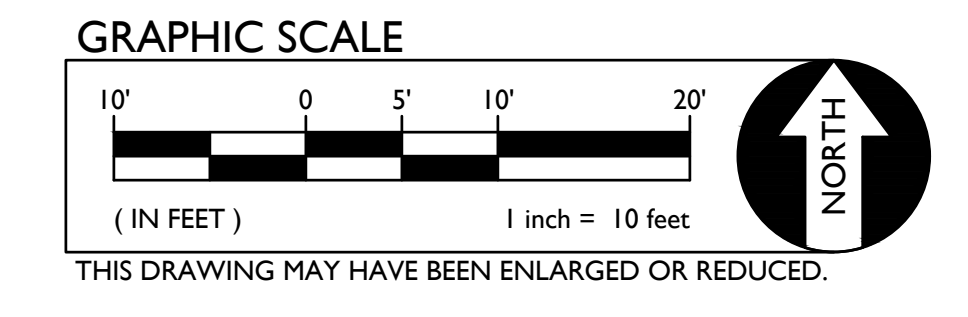
PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK, ALL - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% GROSS, 7.0% RUNNING. CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND CONSTRUCTION NOTES

- NOT ALL NOTES MAY BE USED ON THIS SHEET
- MATCH EXISTING GRADE/ELEVATION, WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) C601
 - PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 31 16 00 FOR CONCRETE PAVING. (1) C601, (2) C601, (3) C601, (15) C601
 - PROVIDE TOPSOIL FOR NEW PLANTING, SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING, SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (3) C601
 - CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) C601
 - ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (30) A017
 - MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDSCAPING SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302. (4) C601
 - CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS. (18) C601, (21) C601
 - CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (6) C601
 - CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED. (12) C601, (20) C601
 - REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE. (14) C601
 - CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. (16) C601, (17) C601
 - CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED. (10) C602
 - PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR RELOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (25) A017
 - CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED. (20) A017, (10) A017, (5) A017
 - CONSTRUCT 18" WIDE, 18" TALL (NOMINAL) CONCRETE SEATWALL WITH FORMED ANTI-SKATE GROOVES PER THE DETAIL PROVIDED. (7) C601, (7) C601
 - REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1324, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (11) A016
 - REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED VALVE BOX, CHRISTY G5, G8 OR APPROVED EQUAL. JENSEN HT1017 OR HT1324 SHALL BE USED FOR LARGER VALVE ASSEMBLIES. (7) C601
 - REMOVE EXISTING FRAME AND COVER ADD OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED. (7) C601
 - CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER THE DETAIL PROVIDED. (7) C601
 - CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDES. (7) C601
 - CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED. (7) C601
 - CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601
 - CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601



DIVISION OF THE STATE ARCHITECT

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ARCHITECT

NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	08/04/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
05	50% CD	01/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

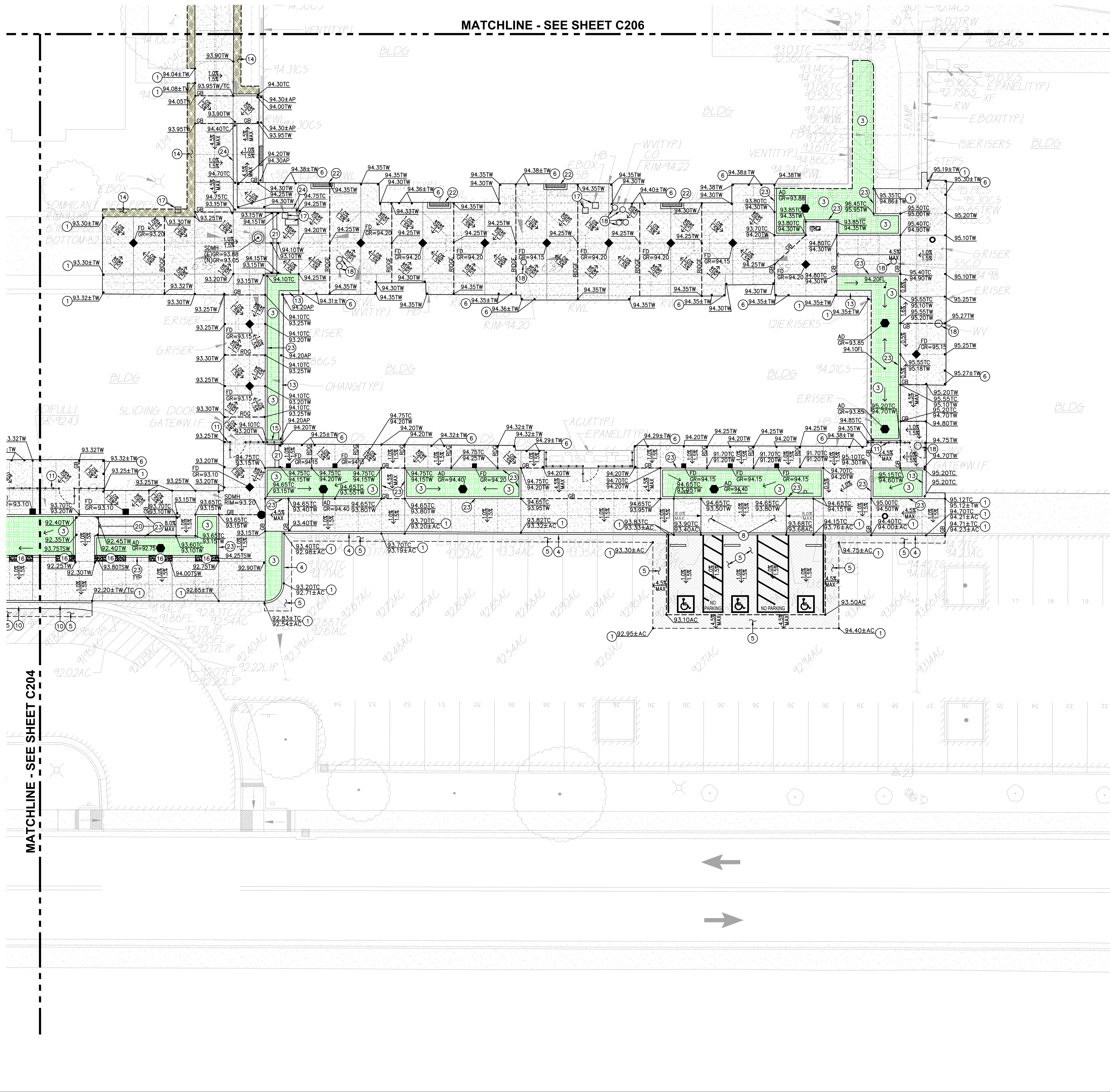
DATE: 11/08/2019
 JOB NO.: Y1826.00
 SHEET TITLE

GRADING PLAN

SHEET NO.

C204

MATCHLINE - SEE SHEET C206



PAVING GENERAL NOTES:

- 1. ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
2. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
3. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
4. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
5. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND FORTHOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
8. ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS, CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH NOTES

- REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
1. PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
2. PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

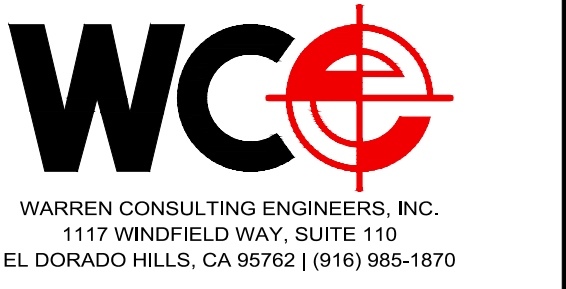
PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:
- CONCRETE FLATWORK PLACEMENT - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.5% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING. CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND CONSTRUCTION NOTES

- NOT ALL NOTES MAY BE USED ON THIS SHEET
1. MATCH EXISTING GRADE/ELEVATION, WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING.
2. PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING.
3. PROVIDE TOPSOIL FOR NEW PLANTING, SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING, SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00.
4. CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED.
5. ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION.
6. MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDING EACH SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD. TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302.
7. CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS.
8. CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED.
9. CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED.
10. CONSTRUCT CONCRETE CURB GUTTER PER THE DETAIL PROVIDED.
11. REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE.
12. CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED.
13. CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED.
14. PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR RELOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00.
15. CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED.
16. CONSTRUCT 18" WIDE, 18" TALL (NOMINAL) CONCRETE SEATWALL WITH FORMED ANTI-SKATE GROOVES PER THE DETAIL PROVIDED.
17. REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1324, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
18. REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED VALVE BOX, CHRISTY G5, G8 OR APPROVED EQUAL. JENSEN HT1017 OR HT1324 SHALL BE USED FOR LARGER VALVE ASSEMBLIES.
19. REMOVE EXISTING FRAME AND COVER ADD OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED.
20. CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER THE DETAIL PROVIDED.
21. CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDED.
22. CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED.
23. CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED.
24. CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED.

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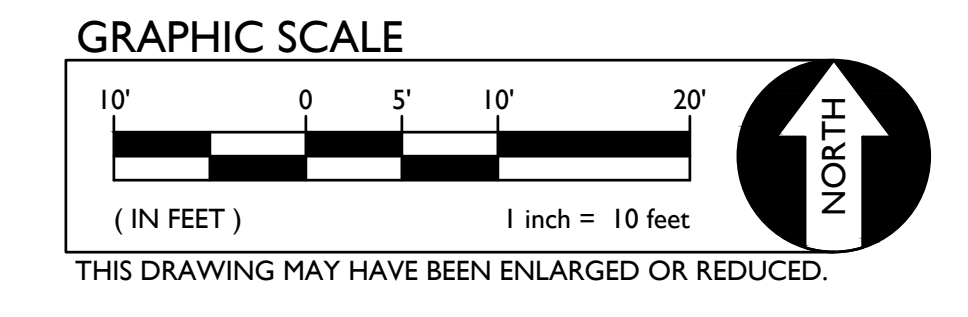
CONSULTANT
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Sacramento, CA 95811
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Table with columns: NO., DESCRIPTION, DATE. Includes entries for conceptual design set, 50% SD, 100% SD, 100% DD, 50% CD, 95% CD, DSA SUBMITTAL SET, and DSA APPROVAL SET.

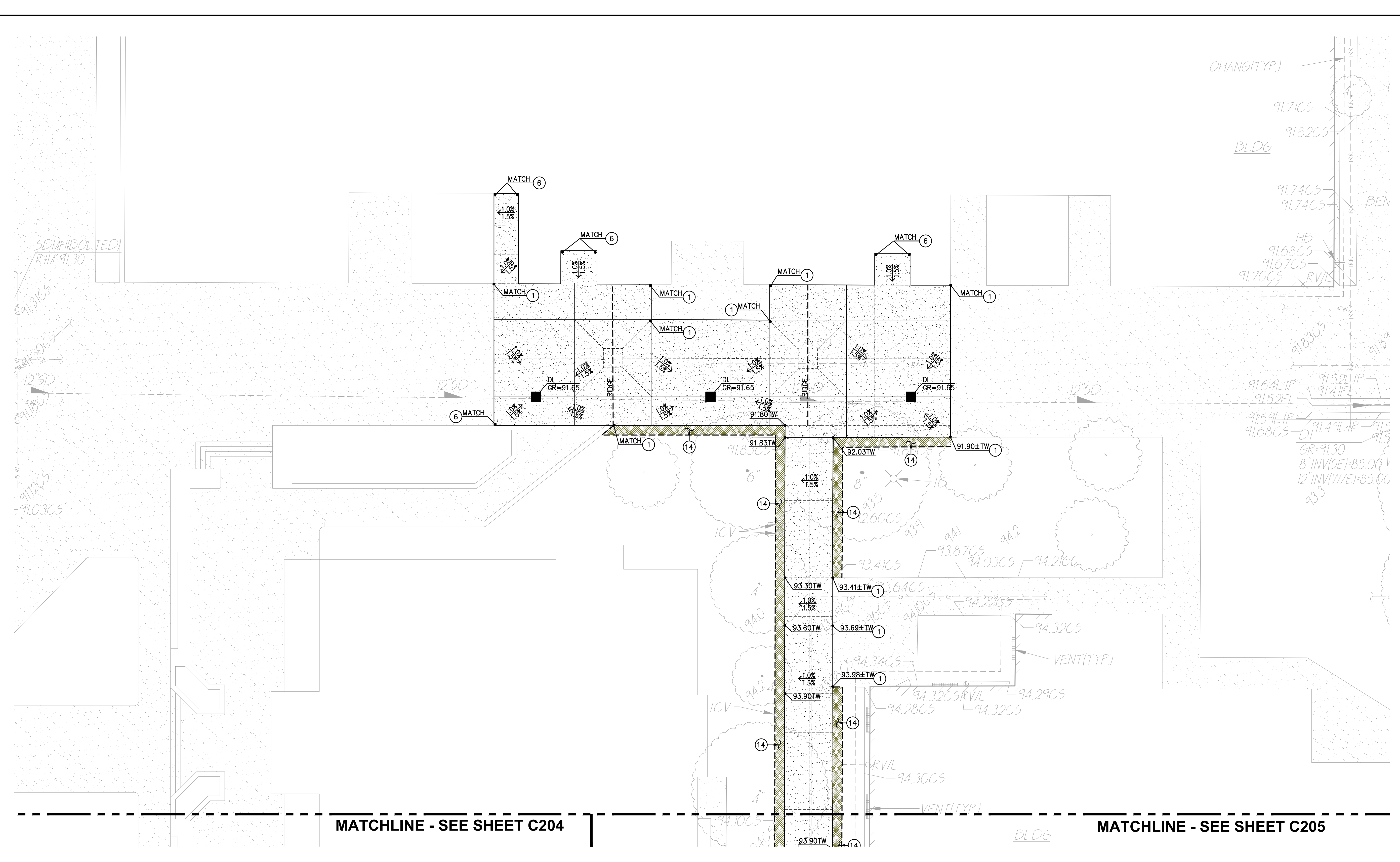
DATE: 1/16/2024
JOB NO.: Y1826.00
SHEET TITLE

GRADING PLAN

SHEET NO. C205



ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



1 GRADING PLAN SCALE 1" = 10'-0"

PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
- ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
- PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND FORTHOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIALLY NOTED ON THIS PLAN.
- ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH NOTES

- REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
- PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
 - PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

PAVEMENT SLOPES

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON SHEET C001, CLARIFIED AS FOLLOWS:

- CONCRETE FLATWORK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, CROSSWALK - PER GENERAL PAVING SURFACE NOTES ON SHEET C001.
- ASPHALT PAVING, ACCESSIBLE PARKING & LOADING - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE - 1.8% MAX ANY DIRECTION.
- ASPHALT PAVING, NORMAL PARKING SPACES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING DRIVE ISLES - 4.0% MAX ANY DIRECTION.
- ASPHALT PAVING, PARKING ENTRANCE AND EXIT - 4.0% CROSS, 7.0% RUNNING.

CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING.

LEGEND CONSTRUCTION NOTES

- NOT ALL NOTES MAY BE USED ON THIS SHEET
- MATCH EXISTING GRADE/ELEVATION, WHEN MATCHING NEW SLABS TO EXISTING, DOWEL SLABS PER THE DETAIL PROVIDED. DOWEL SPACING SHALL MATCH SLAB REINFORCING SPACING. (3) C601
 - PLACE CONCRETE PAVING PER THE TYPICAL DETAILS PROVIDED. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE PREPARATION, SECTION 32 16 00 FOR CONCRETE PAVING. (1) C601, (2) C601, (3) C601, (15) C601
 - PROVIDE TOPSOIL FOR NEW PLANTING, SEE PAVING PLAN AND LANDSCAPE PLANS FOR NEW PLANTING/SURFACING, SEE ALSO SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (5) C601
 - CONSTRUCT CONCRETE CURB PER THE DETAIL PROVIDED. (5) C601
 - ASPHALT PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO SPECIFICATIONS SECTION 32 12 00 FOR MATERIALS AND CONSTRUCTION. REFER TO SECTION 31 00 00 FOR SUBGRADE PREPARATION. (18) C601
 - MATCH NEW CONCRETE FLATWORK ELEVATION TO DOORWAY THRESHOLD PER THE ARCHITECTURAL THRESHOLD DETAILS. LANDING EACH SIDE OF DOOR SHALL BE LEVEL WITH THRESHOLD. TRANSITION NOT EXCEEDING 1/4", OR 1/2" WITH APPROPRIATE TAPER PER 11B-303. SEE INCREMENT 2 ARCH. PLAN AD-302. (30) A017
 - CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE DETAIL PROVIDED. SEE KEYNOTES ON PLAN FOR CURB RAMPS. (4) C601
 - CONSTRUCT TYPE 1 ACCESSIBLE CURB RAMP PER THE DETAIL PROVIDED. (18) C601
 - CONSTRUCT ACCESSIBLE PASSENGER LOADING AREA PER THE DETAIL PROVIDED. (21) C601
 - CONSTRUCT CONCRETE CURB GUTTER PER THE DETAIL PROVIDED. (6) C601
 - REFER TO ARCHITECTURAL PLANS FOR ALL NEW FENCING, GATES AND HARDWARE. (12) C601
 - CONSTRUCT 12" WIDE CONCRETE APRON AT NEW OR EXISTING FENCING PER THE DETAIL PROVIDED. (20) C601
 - CONSTRUCT 18" WIDE CONCRETE APRON AT NEW BUILDING, WALL OR OTHER STRUCTURE PER THE DETAIL PROVIDED. (20) C601
 - PATCH BACK EXISTING LANDSCAPING AND IRRIGATION ALONG EDGES OF WORK TO MATCH EXISTING CONDITIONS. REPAIR ALL IRRIGATION LATERALS AND REPLACE OR RELOCATE HEADS AS NEEDED FOR COVERAGE. PROVIDE NEW SOD IN LAWN AREAS OVER AMENDED AND PREPARED SOIL. SEE LANDSCAPE PLANS FOR ADDITIONAL INFO. IF NO EXISTING LANDSCAPING PRESENT, PROVIDED EROSION HYDROSEED AT MINIMUM. SEE LANDSCAPE PLANS AND SPECIFICATION SECTIONS 31 00 00 AND 32 90 00. (14) C601
 - CONSTRUCT 12" WIDE RAISED CONCRETE SHORT WALL WITH FENCING PER THE DETAIL PROVIDED. (14) C601
 - CONSTRUCT 18" WIDE, 18" TALL (NOMINAL) CONCRETE SEATWALL WITH FORMED ANTI-SKATE GROOVES PER THE DETAIL PROVIDED. (16) C601, (17) C601
 - REPLACE EXISTING UTILITY BOX WITH NEW TRAFFIC RATED BOX SET AT PROPOSED FINISHED GRADE. BOX SIZE SHALL MEET OR EXISTING EXISTING VAULT SIZE. APPROVED BOXES SHALL BE JENSEN HT1017, HT1324, HT1730, HT2436 OR HT3048, OR APPROVED EQUAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. (10) C602
 - REPLACE EXISTING CLEANOUT OR WATER MAIN LINE VALVE BOX WITH NEW TRAFFIC RATED VALVE BOX, CHRISTY G5, G8 OR APPROVED EQUAL. JENSEN HT1017 OR HT1324 SHALL BE USED FOR LARGER VALVE ASSEMBLIES. (25) A017
 - REMOVE EXISTING FRAME AND COVER ADD OR REMOVE RISER SIGNS OR CUT DRAIN BOX AS NEEDED TO ADJUST DRAINAGE STRUCTURE TO FINISHED GRADE. SEE DETAIL PROVIDED. (20) A017, (10) A017, (5) A017
 - CONSTRUCT CONCRETE STAIRWAY WITH HANDRAILS PER THE DETAIL PROVIDES. (11) A016
 - CONSTRUCT NEW CONCRETE GRATING. SEE ARCH. PLANS AND DETAIL PROVIDED. (7) C601
 - CONSTRUCT 6" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601
 - CONSTRUCT 12" WIDE VARIABLE HEIGHT CURB PER THE DETAIL PROVIDED. (7) C601

811
 Know what's below.
 Call before you dig.

GRAPHIC SCALE
 10' 0 5' 10' 20'
 (IN FEET) 1 inch = 10 feet
 THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

811
 Know what's below.
 Call before you dig.

DIVISION OF THE STATE ARCHITECT

**CENTER HIGH SCHOOL
 MODERNIZATION**

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CONSULTANT

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ARCHITECT

NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	08/03/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
05	50% CD	01/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

DATE: 11/08/19
 JOB NO.: Y1826.00
 SHEET TITLE

GRADING PLAN

SHEET NO.

C206

ONE AND ONE-HALF INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET

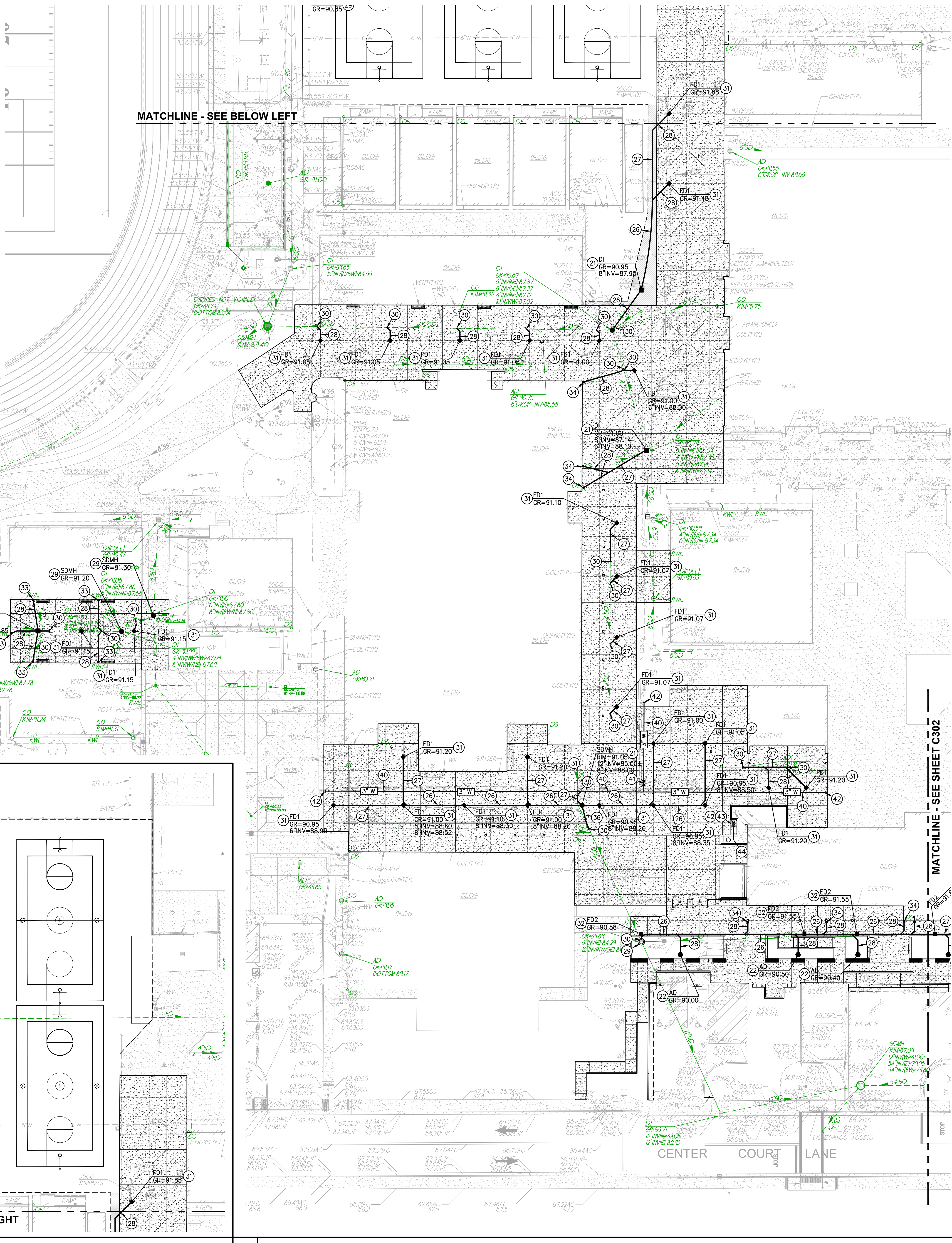
UTILITY INTERRUPTIONS
 CONTRACTOR SHALL NOTIFY SCHOOL AT LEAST 72 HOURS IN ADVANCE OF SERVICE SHUT-OFFS. INTERRUPTIONS OF SERVICES SHALL BE LIMITED TO LESS THAN 24 HOURS UNLESS OTHERWISE NEGOTIATED WITH DISTRICT. INTERRUPTIONS OF LONGER DURATIONS SHALL BE PROVIDED WITH TEMPORARY SERVICE CONNECTIONS WHICH ARE THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY VERIFICATION NOTE
 PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

BUILDING CONNECTION TYP. NOTE
 WHERE UTILITY TRENCHES CROSS THE PERIMETER BUILDING FOUNDATIONS, BACKFILL A 2 SACK LEAN MIX SAND-CEMENT SLURRY, 150PSI-200PSI (Ø 28 DAYS)
 COORDINATE THE LOCATION, DEPTH, AND SIZE OF THE BUILDING CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO TRENCHING.

MATERIAL TRANSITION NOTE
 WHEN TRANSITIONING FROM METALLIC WATER PIPE TO PLASTIC WATER PIPE (3" AND SMALLER) THREADED COUPLERS MAY BE USED BUT FEMALE ENDS MUST BE METALLIC AND MALE ENDS MUST BE PLASTIC THIS IS TRUE FOR VALVES AND OTHER UNIONS AS WELL.

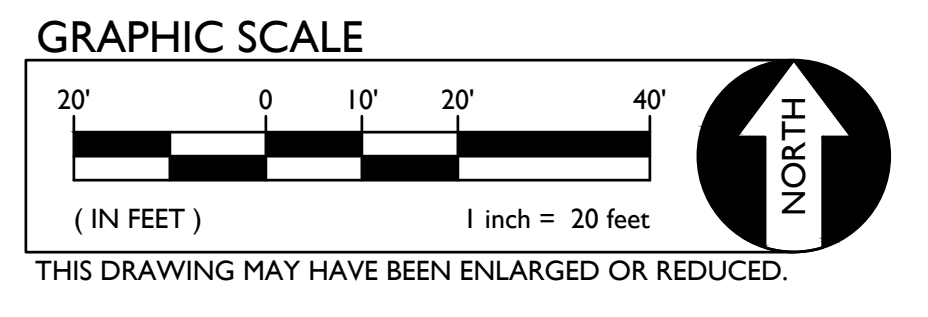
PARALLEL LINE WATER MAINS
 WHEN RUNNING PARALLEL WATER MAINS IN THE SAME TRENCH, SET WATER MAIN AT LEVELS 12" VERTICALLY SEPARATED TO ALLOW FUTURE CROSSING CONNECTIONS WITHOUT JUMPER PIPES.



UTILITY VERIFICATION
 PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

- 7. DRAINAGE CONSTRUCTION NOTES**
 NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET
- CONSTRUCT 24" MANHOLE PER THE DETAIL PROVIDED. (13) C602
 - CONSTRUCT DROP INLET STRUCTURE PER THE DETAIL PROVIDED. (1) C602
 - CONSTRUCT AREA DRAIN PER THE DETAIL PROVIDED. (6) C602
 - CONSTRUCT PLANTER DRAIN PER THE DETAIL PROVIDED. (9) C602
 - CONSTRUCT STORM DRAIN CLEANOUT PER THE DETAIL PROVIDED. (2) C602
 - PROVIDE AND INSTALL 10" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.035% MIN. (0.35%) (3) C602
 - PROVIDE AND INSTALL 8" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.010 MIN. (1.00%) (3) C602
 - PROVIDE AND INSTALL 4" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.0150 MIN. (1.50%) (3) C602
 - ADJUST/REPAIR DRAIN STRUCTURE FRAME AND COVER TO PROPOSED FINISHED GRADE AND PAVING AS NEEDED. SEE GRADING PLAN FOR FINISHED GRADE ELEVATIONS. (10) C602
 - CONNECT TO EXISTING STORM DRAIN PIPE OR INLET STRUCTURE AS SHOWN. POTHOLE TO VERIFY LOCATION AND DEPTH PRIOR TO CONSTRUCTION. IF CONFLICT FOUND CONTACT ARCHITECT FOR DIRECTION. PROVIDE ALL FITTINGS AND ADAPTORS TO MAKE CONNECTION. (7) C602
 - CONSTRUCT TYPE 1 FLOOR DRAIN PER THE DETAIL PROVIDED. (8) C602
 - CONNECT TO BUILDING STORM DRAIN CONNECTION POINT. PROVIDE ALL FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION. COORDINATE WITH BUILDING PLUMBING PLANS AND PLUMBING INSTALLER. (14) C602
 - PROVIDE AND INSTALL DOWNSPOUT CONNECTION WITH DRAIN INLET PER THE DETAIL PROVIDED. CONTRACTOR SHALL COORDINATE DRAIN CONSTRUCTION WITH FOUNDATION CONSTRUCTION SO CUTTING OF FOUNDATION FOR PROPER DRAIN PLACEMENT IS NOT REQUIRED. (3) C602
 - PLACE GRATED MANHOLE COVER INSTEAD OF SOLID MANHOLE COVER. (3) C602
 - PROVIDE AND INSTALL 12" STORM DRAIN, PVC SDR-35 (NO HDPE), SLOPE VARIES PER INVERTS SHOWN, BUT 0.0025 MIN. (0.25%) (3) C602

- 7. DOMESTIC WATER CONSTRUCTION NOTES**
- REMOVE EXISTING WATERLINE AND RE-INSTALL NEW 3" WATER LINE, COPPER TYPE K (HARD), OR APPROVED EQUIV. REFER TO TRENCHING DETAIL PROVIDED. (16) C602
 - INSTALL WATER VALVE AND TRAFFIC RATED VALVE BOX PER THE DETAIL PROVIDED. (17) C602
 - CONNECT TO EXISTING WATER MAIN. POTHOLE TO VERIFY LOCATION, SIZE AND CONDITION PRIOR TO CONSTRUCTION. IF CONFLICT IS FOUND, CONTACT ARCHITECT FOR DIRECTION. (17) C602
 - CONSTRUCT DRINKING FOUNTAIN PER THE DETAIL PROVIDED. CONNECT TO NEARBY WATER LINE WITH 3/4" COPPER TYPE K WATER LINE, AND PROVIDE 1-1/2" OR 2" ABS DRAIN LINE TO NEW DRYWELL. (16) C602
 - CONSTRUCT DRINKING FOUNTAIN DRYWELL PER THE DETAIL PROVIDED. (15) C602



DIVISION OF THE STATE ARCHITECT

CENTER HIGH SCHOOL MODERNIZATION

Center Joint Unified School District

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ARCHITECT

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01	CONCEPTUAL DESIGN SET	08/04/18
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04	100% DD	10/11/18
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06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
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DATE: 11/08/2019
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DRAINAGE AND UTILITY PLAN

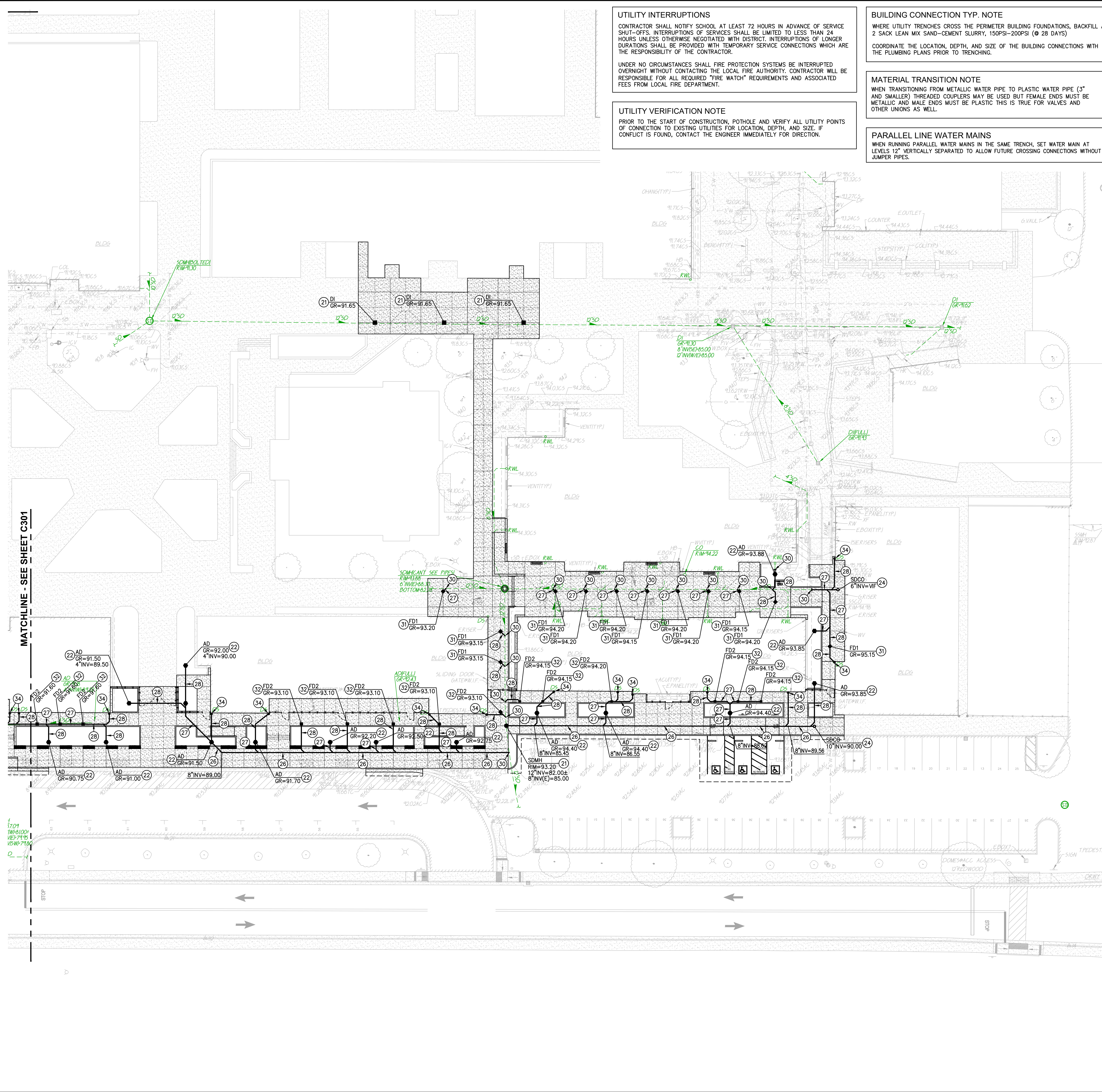
SHEET NO.
C301

2 GRADING PLAN

1 GRADING PLAN

SCALE 1" = 10'-0"

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



UTILITY INTERRUPTIONS
 CONTRACTOR SHALL NOTIFY SCHOOL AT LEAST 72 HOURS IN ADVANCE OF SERVICE SHUT-OFFS. INTERRUPTIONS OF SERVICES SHALL BE LIMITED TO LESS THAN 24 HOURS UNLESS OTHERWISE NEGOTIATED WITH DISTRICT. INTERRUPTIONS OF LONGER DURATIONS SHALL BE PROVIDED WITH TEMPORARY SERVICE CONNECTIONS WHICH ARE THE RESPONSIBILITY OF THE CONTRACTOR.

UNDER NO CIRCUMSTANCES SHALL FIRE PROTECTION SYSTEMS BE INTERRUPTED OVERNIGHT WITHOUT CONTACTING THE LOCAL FIRE AUTHORITY. CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED "FIRE WATCH" REQUIREMENTS AND ASSOCIATED FEES FROM LOCAL FIRE DEPARTMENT.

UTILITY VERIFICATION NOTE
 PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

BUILDING CONNECTION TYP. NOTE
 WHERE UTILITY TRENCHES CROSS THE PERIMETER BUILDING FOUNDATIONS, BACKFILL A 2 SACK LEAN MIX SAND-CEMENT SLURRY, 150PSI-200PSI (28 DAYS)

COORDINATE THE LOCATION, DEPTH, AND SIZE OF THE BUILDING CONNECTIONS WITH THE PLUMBING PLANS PRIOR TO TRENCHING.

MATERIAL TRANSITION NOTE
 WHEN TRANSITIONING FROM METALLIC WATER PIPE TO PLASTIC WATER PIPE (3" AND SMALLER) THREADED COUPLERS MAY BE USED BUT FEMALE ENDS MUST BE METALLIC AND MALE ENDS MUST BE PLASTIC THIS IS TRUE FOR VALVES AND OTHER UNIONS AS WELL.

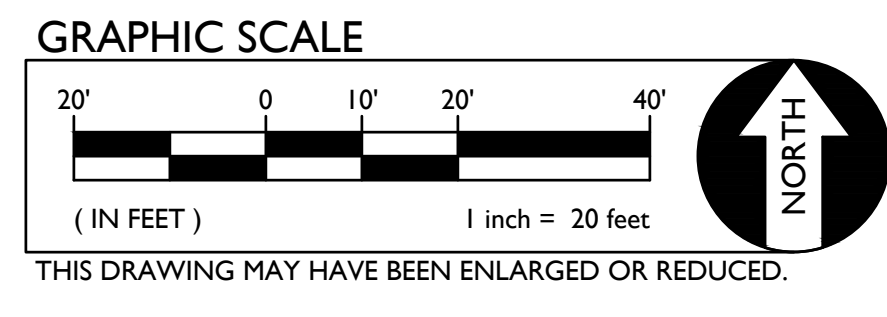
PARALLEL LINE WATER MAINS
 WHEN RUNNING PARALLEL WATER MAINS IN THE SAME TRENCH, SET WATER MAIN AT LEVELS 12" VERTICALLY SEPARATED TO ALLOW FUTURE CROSSING CONNECTIONS WITHOUT JUMPER PIPES.

UTILITY VERIFICATION
 PRIOR TO THE START OF CONSTRUCTION, POTHOLE AND VERIFY ALL UTILITY POINTS OF CONNECTION TO EXISTING UTILITIES FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

- 7. DRAINAGE CONSTRUCTION NOTES**
 NOTE: NOT ALL OF THESE NOTES MAY BE USED ON THIS SHEET
- CONSTRUCT 24" MANHOLE PER THE DETAIL PROVIDED. (13) (C602)
 - CONSTRUCT DROP INLET STRUCTURE PER THE DETAIL PROVIDED. (1) (C602)
 - CONSTRUCT AREA DRAIN PER THE DETAIL PROVIDED. (6) (C602)
 - CONSTRUCT PLANTER DRAIN PER THE DETAIL PROVIDED. (9) (C602)
 - CONSTRUCT STORM DRAIN CLEANOUT PER THE DETAIL PROVIDED. (2) (C602)
 - PROVIDE AND INSTALL 10" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.0035 MIN. (0.35%) (3) (C602)
 - PROVIDE AND INSTALL 8" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.005 MIN. (0.50%) (3) (C602)
 - PROVIDE AND INSTALL 6" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.010 MIN. (1.00%) (3) (C602)
 - PROVIDE AND INSTALL 4" STORM DRAIN, PVC SDR-35, SLOPE VARIES PER INVERTS SHOWN, BUT 0.0150 MIN. (1.50%) (3) (C602)
 - ADJUST/REPAIR DRAIN STRUCTURE FRAME AND COVER TO PROPOSED FINISHED GRADE AND PAVING AS NEEDED. SEE GRADING PLAN FOR FINISHED GRADE ELEVATIONS. (10) (C602)
 - CONNECT TO EXISTING STORM DRAIN PIPE OR INLET STRUCTURE AS SHOWN. POTHOLE TO VERIFY LOCATION AND DEPTH PRIOR TO CONSTRUCTION. IF CONFLICT FOUND CONTACT ARCHITECT FOR DIRECTION. PROVIDE ALL FITTINGS AND ADAPTORS TO MAKE CONNECTION. (7) (C602)
 - CONSTRUCT TYPE 2 FLOOR DRAIN PER THE DETAIL PROVIDED. (8) (C602)
 - CONNECT TO BUILDING STORM DRAIN CONNECTION POINT. PROVIDE ALL FITTINGS AND COUPLERS NEEDED TO MAKE CONNECTION. COORDINATE WITH BUILDING PLUMBING PLANS AND PLUMBING INSTALLER. (14) (C602)
 - PROVIDE AND INSTALL DOWNSPOUT CONNECTION WITH DRAIN INLET PER THE DETAIL PROVIDED. CONTRACTOR SHALL COORDINATE DRAIN CONSTRUCTION WITH FOUNDATION CONSTRUCTION SO CUTTING OF FOUNDATION FOR PROPER DRAIN PLACEMENT IS NOT REQUIRED. (14) (C602)
 - PLACE GRATED MANHOLE COVER INSTEAD OF SOLID MANHOLE COVER. (3) (C602)
 - PROVIDE AND INSTALL 12" STORM DRAIN, PVC SDR-35 (NO HDPE), SLOPE VARIES PER INVERTS SHOWN, BUT 0.0025 MIN. (0.25%) (3) (C602)

- 7. DOMESTIC WATER CONSTRUCTION NOTES**
- REMOVE EXISTING WATERLINE AND RE-INSTALL NEW 3" WATER LINE, COPPER TYPE K (HARD), OR APPROVED EQUAL. REFER TO TRENCHING DETAIL PROVIDED. (16) (C602)
 - INSTALL WATER VALVE AND TRAFFIC RATED VALVE BOX PER THE DETAIL PROVIDED. (17) (C602)
 - CONNECT TO EXISTING WATER MAIN. POTHOLE TO VERIFY LOCATION, SIZE AND CONDITION PRIOR TO CONSTRUCTION. IF CONFLICT IS FOUND, CONTACT ARCHITECT FOR DIRECTION. (17) (C602)
 - CONSTRUCT DRINKING FOUNTAIN PER THE DETAIL PROVIDED. CONNECT TO NEARBY WATER LINE WITH 3/4" COPPER TYPE K WATER LINE, AND PROVIDE 1-1/2" OR 2" ABS DRAIN LINE TO NEW DRYWELL. (17) (C602)
 - CONSTRUCT DRINKING FOUNTAIN DRYWELL PER THE DETAIL PROVIDED. (15) (C602)

MATCHLINE - SEE SHEET C301



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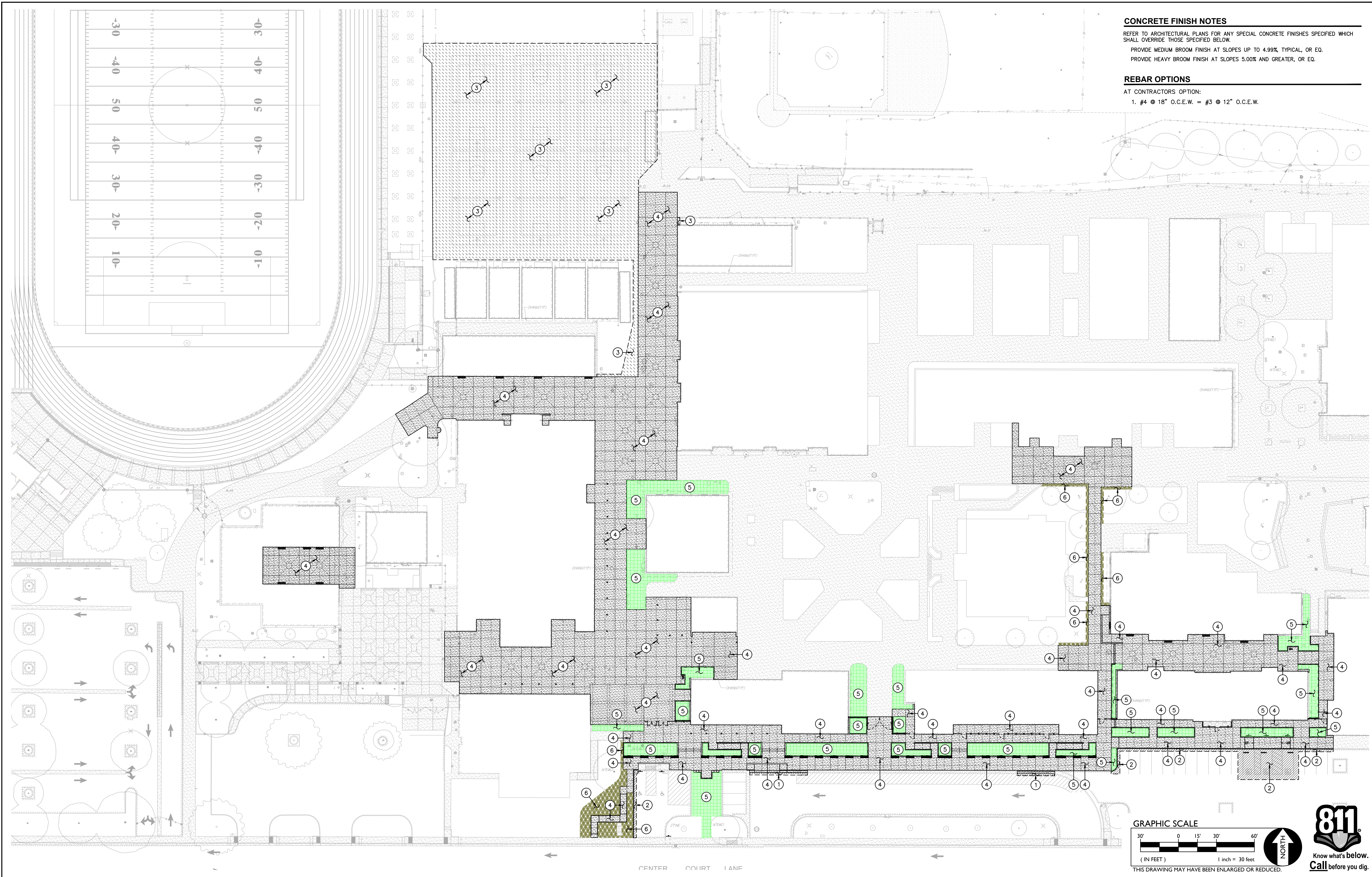
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DATE: 11/08/19
 JOB NO.: Y1826.00
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DRAINAGE AND UTILITY PLAN

SHEET NO.
C302

ONE AND ONE-HALF INCH = ONE FOOT
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 ONE-HALF INCH = ONE FOOT
 ONE-FOURTH INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



CONCRETE FINISH NOTES
 REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
 PROVIDE MEDIUM BROOM FINISH AT SLOPES UP TO 4.99%, TYPICAL, OR EQ.
 PROVIDE HEAVY BROOM FINISH AT SLOPES 5.00% AND GREATER, OR EQ.

REBAR OPTIONS
 AT CONTRACTORS OPTION:
 1. #4 @ 18" O.C.E.W. = #3 @ 12" O.C.E.W.

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DATE:
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 SHEET TITLE

PAVING PLAN
 SHEET NO. **C401**

1 PAVING PLAN

PAVING GENERAL NOTES:

- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
- AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26, AND PROJECT SPECIFICATIONS
- ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
- RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
- PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER ALL UTILITIES HAVE BEEN LOCATED AND POTHOLED, AND THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR ACCEPTABLE SEED MIXES.
- REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
- ALL NEW ASPHALT PAVING SHALL RECEIVE SEALCOAT, 2 COATS, MIN. REFER TO PROJECT SPECIFICATIONS. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

PAVING LEGEND - LIME TREATED SUBGRADE (RECOMMENDED)
 SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SPECIFICATIONS.

① TYPE 1 PAVING - HEAVY DRIVE ISLES & BUS & FIRE LANES
 PLACE 4" AC OVER 6.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00. PROVIDE #4 BARS AT 24" O.C.E.W. CONCRETE SHALL BE PER SECTION 32.16.00. REFER ALSO TO DETAILS PROVIDED.

② TYPE 2 PAVING - LIGHT DRIVE ISLES & PARKING
 PLACE 3.5" AC OVER 4.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00. ASPHALT PER SPECIFICATION SECTION 32.12.00. PROVIDE 2 COATS OF PAVEMENT SEALER PER SPECIFICATIONS AND STRIPING AS APPLIES.

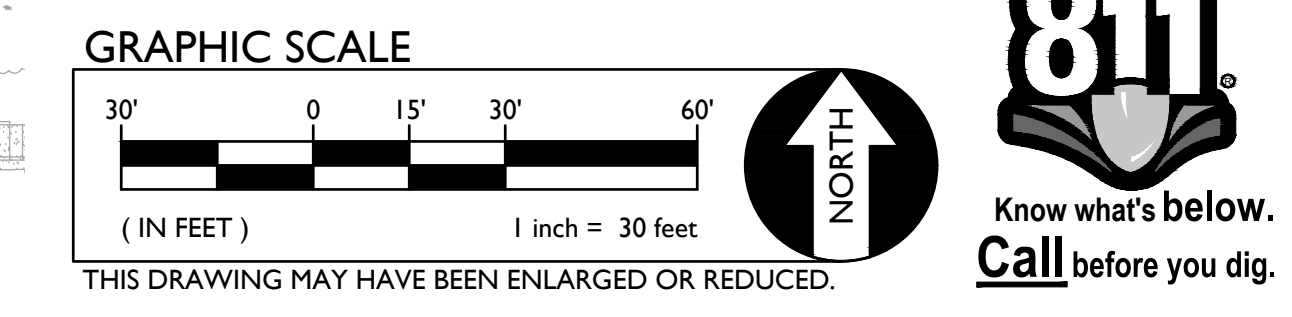
③ TYPE 3 PAVING - HARCOURTS
 PLACE 3.0" AC OVER 4.0" CLASS II AB OVER 12" MIN. LIME TREATED SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 31.00.00 AND 31.32.00. ASPHALT PER SPECIFICATION SECTION 32.12.00. PROVIDE 2 COATS OF PAVEMENT SEALER PER SPECIFICATIONS AND STRIPING AS APPLIES.

PAVING LEGEND - NATIVE SUBGRADES
 SUBGRADE PREPARATION VARIES WITH PAVING SECTIONS, SEE SHEET C3.0 AND SPECIFICATIONS.

① TYPE 1 PAVING - HEAVY DRIVE ISLES & BUS & FIRE LANES
 PLACE 4.0" AC OVER 16.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00. ASPHALT PER SPECIFICATION SECTION 32.12.00. NO SEALCOAT REQUIRED FOR THIS SECTION OF ASPHALT.

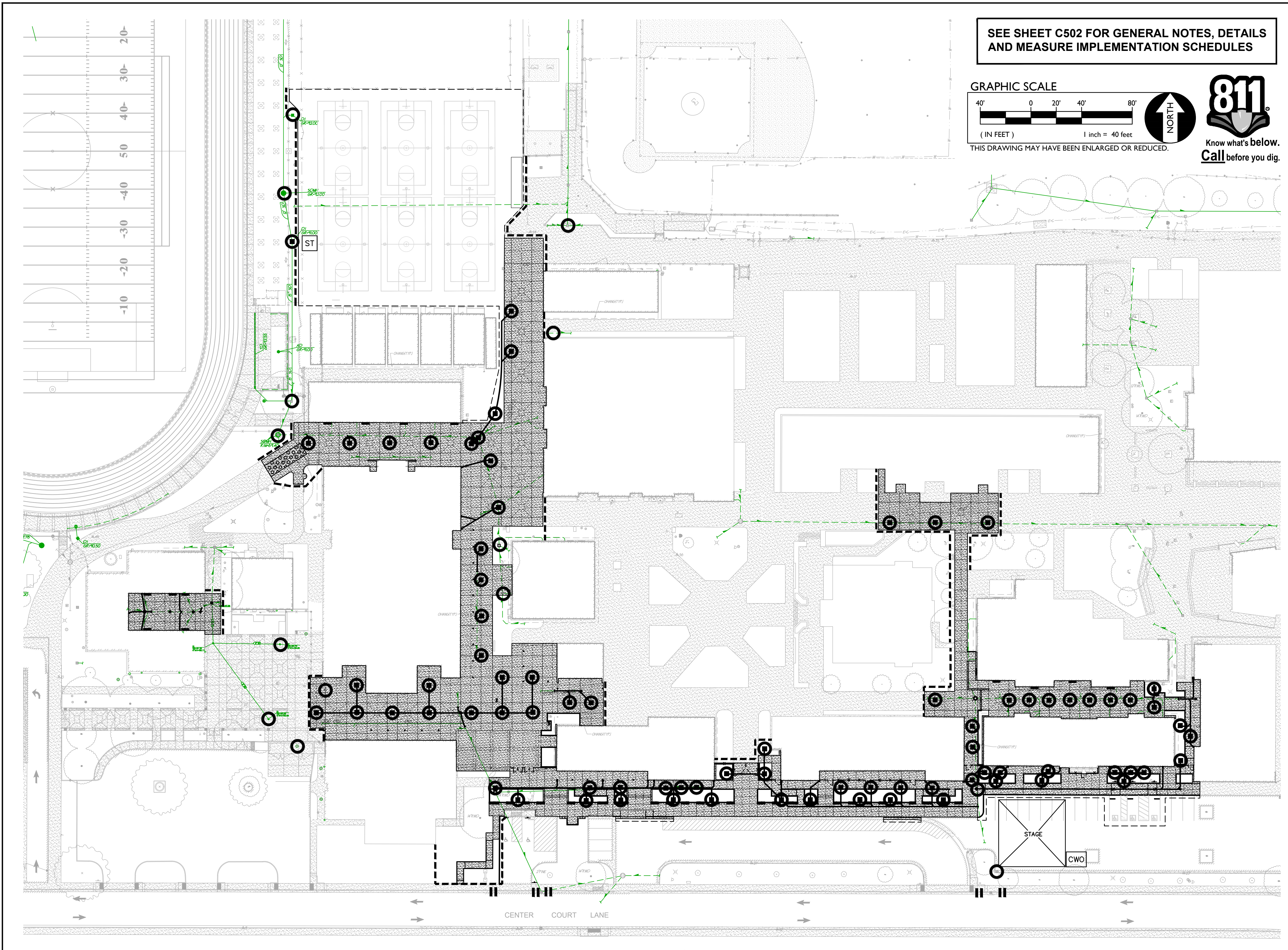
② TYPE 2 PAVING - LIGHT DRIVE ISLES & PARKING
 PLACE 3.0" AC OVER 12.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00. ASPHALT PER SPECIFICATION SECTION 32.12.00. NO SEALCOAT REQUIRED FOR THIS SECTION OF ASPHALT, WITH EXCEPTION OF HARCOURT AREA. PLACE 2 COATS OF SEALCOAT OVER TYPE 2 PAVING IN HARCOURT AREA.

③ TYPE 3 PAVING - HARCOURTS
 PLACE 3.0" AC OVER 8.0" CLASS II AB OVER NATIVE SUBGRADE PREPARED IN ACCORDANCE WITH THE SPECIFICATIONS. SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION 31.00.00. ASPHALT PAVING PER SPECIFICATION SECTION 32.12.00. NO SEALCOAT REQUIRED FOR THIS SECTION OF ASPHALT.



SCALE 1" = 30'-0"

ONE AND ONE-HALF INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



SEE SHEET C502 FOR GENERAL NOTES, DETAILS AND MEASURE IMPLEMENTATION SCHEDULES

GRAPHIC SCALE
 0 20' 40' 80'
 1 inch = 40 feet
 THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

811
 Know what's below.
 Call before you dig.

- LEGEND**
- NEW EX
 - STAGE
 - CWO
 - ST
 - II
- GENERAL EROSION CONTROL NOTES**
1. CONTRACTOR SHALL PROVIDE INLET PROTECTION AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF WORK, OR AS REQUIRED BY CONTRACTOR'S SWPPP AND PER THE CASQA STANDARD DETAIL 11-7 INDICATED. FILTER BAGS WILL BE ALLOWED ONLY WHEN INLETS ARE SURROUNDED BY PAVING OR STABILIZED LANDSCAPE. 1-C502 3-C502
 2. CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE, TOPS AND TOES OF SLOPES AND OTHER AREAS DETERMINED BY CONTRACTOR TO PREVENT THE MIGRATION OF SEDIMENT. REFER TO CASQA STANDARD DETAIL SE-5. SE-5-C502
 3. CONTRACTOR SHALL PROVIDE AND MAINTAIN STABILIZED CONSTRUCTION SITE ACCESS PER THE CASQA STANDARD DETAIL TC-1. 2-C502 TC-1-C502
 4. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A STAGING AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF THE CALIFORNIA STORM WATER QUALITY ASSOCIATION BMP HANDBOOK, SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA TO NATURAL CONDITION.
 5. CONTRACTOR SHALL CONSTRUCT AND UTILIZE A CONCRETE WASH-OUT IN ACCORDANCE WITH THE CASQA STANDARD WM-8. EXCESS CONCRETE SHALL BE DISPOSED OF PROPERLY. WM-8-C502
 6. CONTRACTOR SHALL CONSTRUCT SEDIMENT TRAP VEGETATED OUTLET PER CASQA STANDARD SE-3 TO TEMPORARILY CAPTURE STORM WATER DURING RAIN EVENTS SO IT CAN BE FILTERED AND DISCHARGED, OR SEDIMENT ALLOWED TO SETTLE-OUT PRIOR TO DISCHARGE. SEE CONSTRUCTION NOTE 9 WHEN USING BIO-RETENTION BASINS AS TEMPORARY SEDIMENT TRAPS. SEE ALSO, DIMMENT TRAP NOTE THIS SHEET. SE-3-C502
 7. PROVIDE INLET PROTECTION IN EXISTING GUTTERS IN ACCORDANCE WITH CASQA STANDARD SE-10, OR LOCAL ORDINANCE, WHICHEVER IS MORE STRINGENT. SE-10-C502

MAP LEGEND

CONTRACTOR TO ADD TO MAP AS LOCATED IN THE FIELD.

- X CONSTRUCTION TRAILER.
- X VEHICLE/EQUIPMENT MAINT. & FUELING AREA.
- X COVERED WASTE STORAGE (DUMPSTERS).
- X STAGING AREA
- X MATERIAL STORAGE
- X SOIL STOCKPILES.
- X CONCRETE WASHOUT.

MONITORING SCHEDULE

MONITORING OF PH AND TURBIDITY

1. WITHIN 2 BUSINESS DAYS (48 HOURS) PRIOR TO EACH QUALIFYING RAIN EVENT.
2. EVERY 24 HOURS DURING A QUALIFYING RAIN EVENT.
3. WITHIN 2 BUSINESS DAYS (48 HOURS) AFTER EACH QUALIFYING RAIN EVENT RESULTING IN 0.50 INCHES OF RAIN OR MORE.
4. RECORD THE TIME, DATE AND RAIN GUAGE READING OF ALL QUALIFYING RAIN EVENTS.
5. QUARTERLY NON-STORM WATER DISCHARGE INSPECTIONS.
6. WEEKLY INSPECTIONS.

CONTRACTOR GENERAL NOTES

ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. CONTRACTOR TO UPDATE MAP TO REFLECT CHANGES.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS. REFER TO SWPPP.

CONSTRUCTION SCHEDULE (ESTIMATED)

ACTIVITY	BEGIN	END
(CONTRACTOR TO FILL-IN)		
DEMOLITION		
GRADING		
UTILITIES		
PAVING/LANDSCAPING		

SEDIMENT TRAP NOTE

SHAPE OF SEDIMENT TRAPS CAN BE VARIABLE AND BE CONSTRUCTED WITH SIMPLE GRADED BERMS OR PLUGGING OF SELECT STORM DRAINS (WHICH WILL NOT CREATE A HAZARD) TO CAPTURE RUNOFF. WATER MAY BE RELEASED FROM BASINS IF ENOUGH TIME HAS ALLOWED SEDIMENTS IN WATER TO SETTLE OUT. SAMPLING OF WATER PRIOR TO DISCHARGE MAY BE REQUIRED. REFER TO SWPPP. CONTRACTOR SHALL MAKE PREPARATIONS FOR PUMPING AND FILTERING IN THE EVENT GRAVITY DRAINING CANNOT BE PERFORMED. SEE ADDITIONAL REQUIREMENTS AND SIZING LISTED BELOW.

1. SEDIMENT TRAPS SHALL BE CONSTRUCTED AS THE FIRST STEP WHEN THERE IS MASS CLEARING OR GRADING AND SHALL BE LOCATED AT THE POINT WHERE DRAINAGE DISCHARGES FROM A SITE AS NOTED ON PLANS.
2. CONSTRUCTION OF SEDIMENT TRAPS SHALL BE PER SACRAMENTO COUNTY STANDARD DETAILS 11-2 AND 11-3.
3. THE TRAP STORAGE VOLUME SHALL BE DESIGNED FOR 35 CUBIC YARDS PER ACRE OF CONTRIBUTING DRAINAGE AREA.
4. SIDE SLOPES SHALL BE 3:1 (H:V) OR FLATTER AND THE MAXIMUM DEPTH SHALL BE 3.5 FEET.
5. THE LENGTH OF A SEDIMENT TRAP SHALL BE 2 TIMES (MINIMUM) ITS WIDTH.

MAINTENANCE:

1. TRAP MAINTENANCE SHALL BE YEAR ROUND. SEDIMENT MATERIAL SHALL BE REMOVED FROM THE BOTTOM TO RETAIN ONE FOOT OF CAPACITY AT ALL TIMES.
2. TRAP SLOPES SHALL BE KEPT IN GOOD REPAIR. SLOPE FAILURES OR DAMAGE SHALL BE REPAIRED PROMPTLY.

EARTHWORK ESTIMATES

NET CUT QUANTITY 500 CY
 NET FILL QUANTITY 0.0 CY
 NET CUT/FILL 500 CY CUT

NOTE: THESE EARTHWORK VALUES ARE ONLY ESTIMATES BASED ON PERFECT CONDITIONS AND ARE INTENDED FOR PLAN CHECK PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK VALUES IN PREPARING BIDS. USE OF THESE VALUES FOR BID PURPOSES WILL BE AT YOUR OWN RISK.

ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO. LARGE QUANTITIES OF SOIL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

1 EROSION AND SEDIMENT CONTROL PLAN

EROSION AND SEDIMENT CONTROL MEASURES

PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																
	WET SEASON								WET & DRY SEASON								
	HYDRO SEEDING	STRAW MULCHING TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING	X		X	X		X	N/A	N/A	N/A		N/A	N/A		X			
CUT-FILL ACTIVITIES	X	X	X	X	X	X	X				X	X	X	X	X	X	X
UNDERGROUND WORK	X			X	X	X					X	X	X	X	X	X	X
STORM IMPROVEMENTS		X	X	X	X	X					X	X	X	X	X	X	X
CURB AND GUTTER		X	X	X	X	X					X	X	X	X	X	X	X
STREET IMPROVEMENTS		X	X	X	X	X					X	X	X	X	X	X	X
PAVE OUT		X	X		X						X				X	X	
POST CONSTRUCTION	X		X	X													
MAINTENANCE SCHEDULE																	
DAILY*			X**												X		X
WEEKLY*	X	X			X	X											X
MONTHLY*																	
BEFORE RAIN	X	X			X	X					X						
DURING RAIN	X	X			X	X					X						
AFTER RAIN	X	X			X	X					X						
AS NEEDED	X				X		X							X			X

* WHEN RAIN EVENT INSPECTIONS OCCURS, THEY MAY QUALIFY AS A DAILY, WEEKLY, OR MONTHLY INSPECTION AS APPLIES.
 ** HIGH TRAFFIC AREAS

DUST CONTROL PRACTICES

SITE CONDITION	DUST CONTROL PRACTICES									
	PERMANENT VEGETATION	MULCHING	WET SUPPRESSION (WATERING)	CHEMICAL DUST SUPPRESSION	GRAVEL OR ASPHALT	SILT FENCES	TEMPORARY GRAVEL CONSTRUCTION ENTRANCES AND EQUIPMENT WASHDOWN	HAUL TRUCK COVERS	MINIMIZE EXTENT OF DISTURBED AREA	
DISTURBED AREAS (NON-TRAFFIC)	X	X	X	X	X				X	
DISTURBED AREAS (TRAFFIC)		X	X	X	X	X		X	X	
MATERIAL STOCKPILE AND STABILIZATION	X	X	X	X	X	X		X	X	
DEMOLITION			X		X		X	X	X	
CLEARING AND EXCAVATING	X	X	X		X	X		X	X	
TRUCK TRAFFIC ON UN-PAVED ROADS	X	X	X		X	X	X	X	X	
MUD AND DIRT CARRY-OUT	X	X	X		X	X		X	X	

CENTER HIGH SCHOOL MODERNIZATION

3111 Center Court Lane
Antelope, CA 95844

Center Joint Unified School District

DIVISION OF THE STATE ARCHITECT

PROJECT INFORMATION

PROJECT NAME: **CENTER HIGH SCHOOL MODERNIZATION**

SWPPP REQUIRED: NO*

* ROUTINE MAINTENANCE TO MAINTAIN ORIGINAL LINE AND GRADE EXEMPT PER 2009-2009 DWQ ORDER SECTION II.C. SEE CALCULATION BELOW.

RISK LEVEL: N/A

EROSIVITY WAIVER POSSIBLE: NOT ANTICIPATED

PARCEL AREA	10.00 ACRES
ON-SITE DISTURBED AREA	0.50 ACRES
ON-SITE DISTURBED AREA - ROUTINE REPAIR/REPLACEMENT	1.00 ACRES
OFF-SITE DISTURBED AREA	0.00 ACRES
TOTAL DISTURBED AREA SUBJECT TO 2009-2009 DWQ	0.50 ACRES

S.W.P.P. INFO:

W.D.I.D. NO.: N/A

S.W.P.P. (QSD): ANTHONY TASSANO PHONE: (916) 985-1870

S.W.P.P. (QSP): - PHONE: -

RESPONSIBLE PARTY: CENTER JOINT UNIFIED SCHOOL DISTRICT

CONTACT NAME: -

CONTACT PHONE: -

THIS IS NOT A S.W.P.P.

THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES.

CONTRACTOR GENERAL NOTES

ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. CONTRACTOR TO UPDATE MAP TO REFLECT CHANGES.

MAINTENANCE/REPAIRS OF BMP FAILURE SHALL BEGIN WITHIN 72 HOURS OF IDENTIFICATION AND CHANGES SHALL BE COMPLETED PRIOR TO THE NEXT RAIN EVENT.

SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS. REFER TO SWPPP.

CONSTRUCTION SCHEDULE (ESTIMATED)

ACTIVITY	BEGIN	END
(CONTRACTOR TO FILL-IN)		
DEMOLITION		
GRADING		
UTILITIES		
PAVING/LANDSCAPING		

SEDIMENT TRAP NOTE

SHAPE OF SEDIMENT TRAPS CAN BE VARIABLE AND BE CONSTRUCTED WITH SIMPLE GRADED BERMS OR PLUGGING OF SELECT STORM DRAINS (WHICH WILL NOT CREATE A HAZARD) TO CAPTURE RUNOFF. WATER MAY BE RELEASED FROM BASINS IF ENOUGH TIME HAS ALLOWED SEDIMENTS IN WATER TO SETTLE OUT. SAMPLING OF WATER PRIOR TO DISCHARGE MAY BE REQUIRED. REFER TO SWPPP. CONTRACTOR SHALL MAKE PREPARATIONS FOR PUMPING AND FILTERING IN THE EVENT GRAVITY DRAINING CANNOT BE PERFORMED. SEE ADDITIONAL REQUIREMENTS AND SIZING LISTED BELOW.

1. SEDIMENT TRAPS SHALL BE CONSTRUCTED AS THE FIRST STEP WHEN THERE IS MASS CLEARING OR GRADING AND SHALL BE LOCATED AT THE POINT WHERE DRAINAGE DISCHARGES FROM A SITE AS NOTED ON PLANS.
2. CONSTRUCTION OF SEDIMENT TRAPS SHALL BE PER SACRAMENTO COUNTY STANDARD DETAILS 11-2 AND 11-3.
3. THE TRAP STORAGE VOLUME SHALL BE DESIGNED FOR 35 CUBIC YARDS PER ACRE OF CONTRIBUTING DRAINAGE AREA.
4. SIDE SLOPES SHALL BE 3:1 (H:V) OR FLATTER AND THE MAXIMUM DEPTH SHALL BE 3.5 FEET.
5. THE LENGTH OF A SEDIMENT TRAP SHALL BE 2 TIMES (MINIMUM) ITS WIDTH.

MAINTENANCE:

1. TRAP MAINTENANCE SHALL BE YEAR ROUND. SEDIMENT MATERIAL SHALL BE REMOVED FROM THE BOTTOM TO RETAIN ONE FOOT OF CAPACITY AT ALL TIMES.
2. TRAP SLOPES SHALL BE KEPT IN GOOD REPAIR. SLOPE FAILURES OR DAMAGE SHALL BE REPAIRED PROMPTLY.

EARTHWORK ESTIMATES

NET CUT QUANTITY 500 CY
 NET FILL QUANTITY 0.0 CY
 NET CUT/FILL 500 CY CUT

NOTE: THESE EARTHWORK VALUES ARE ONLY ESTIMATES BASED ON PERFECT CONDITIONS AND ARE INTENDED FOR PLAN CHECK PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK VALUES IN PREPARING BIDS. USE OF THESE VALUES FOR BID PURPOSES WILL BE AT YOUR OWN RISK.

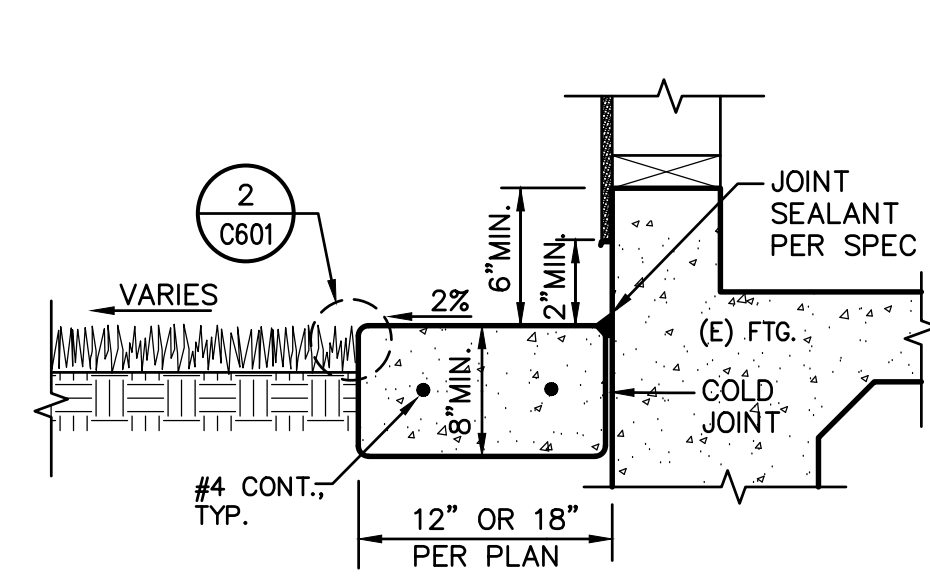
ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO. LARGE QUANTITIES OF SOIL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

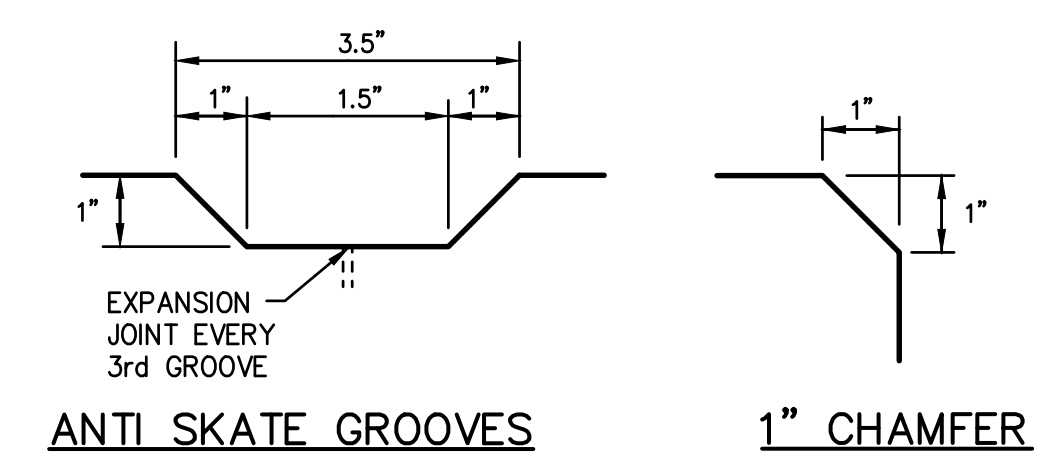
EROSION CONTROL PLAN

SHEET NO. **C501**

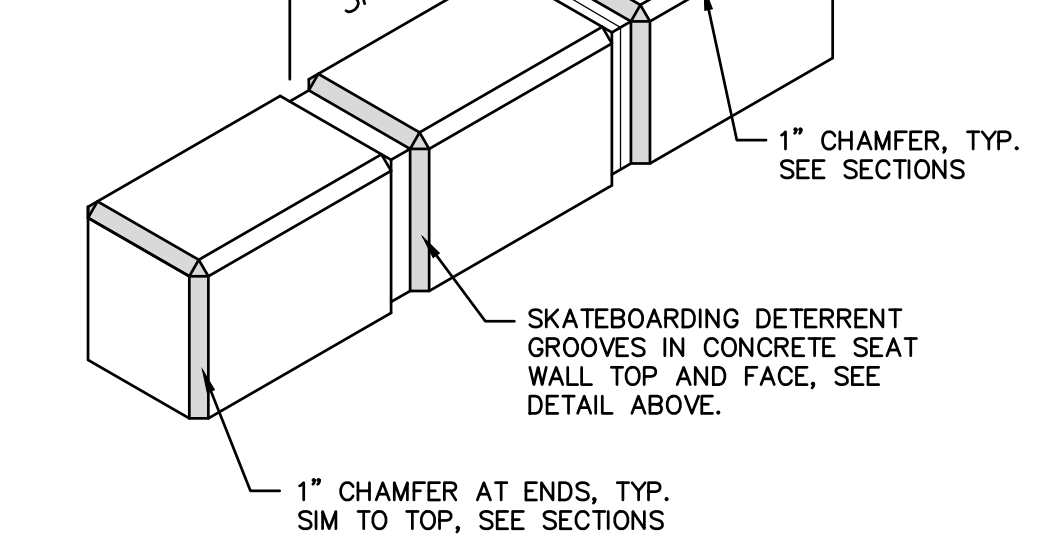
ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



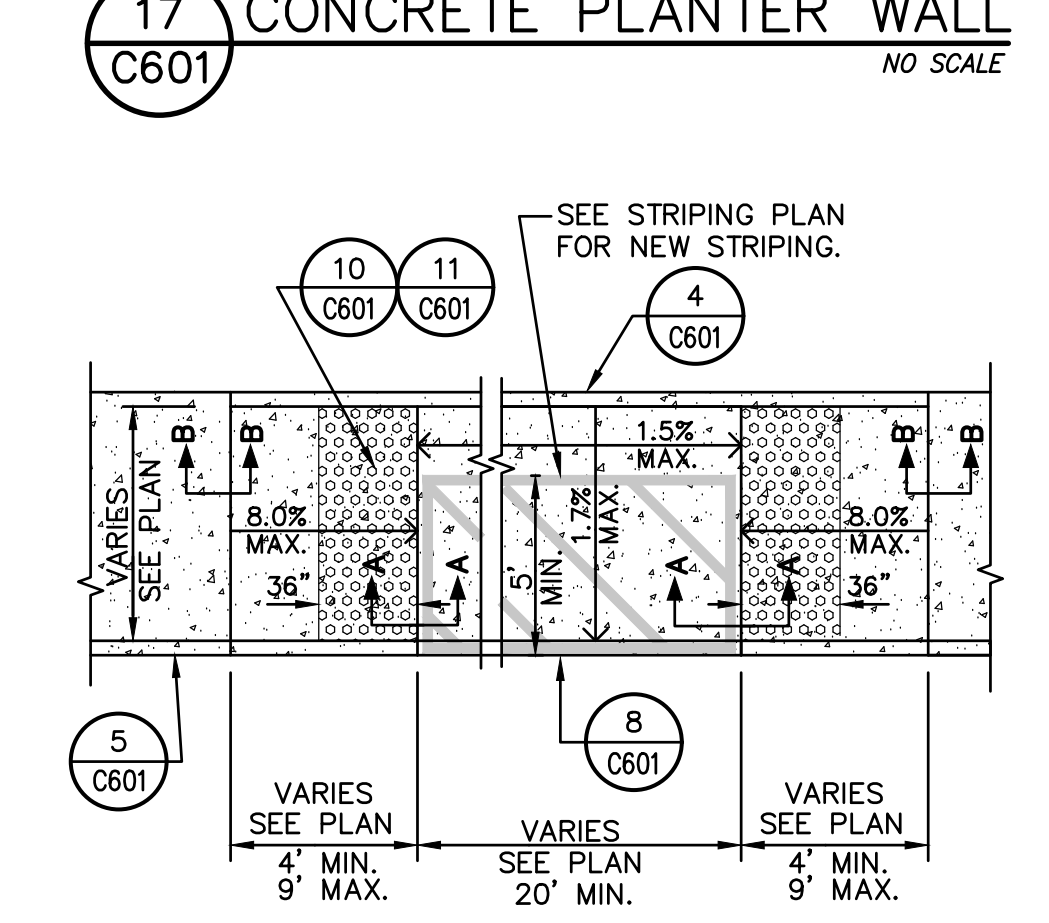
20 CONCRETE APRON NO SCALE



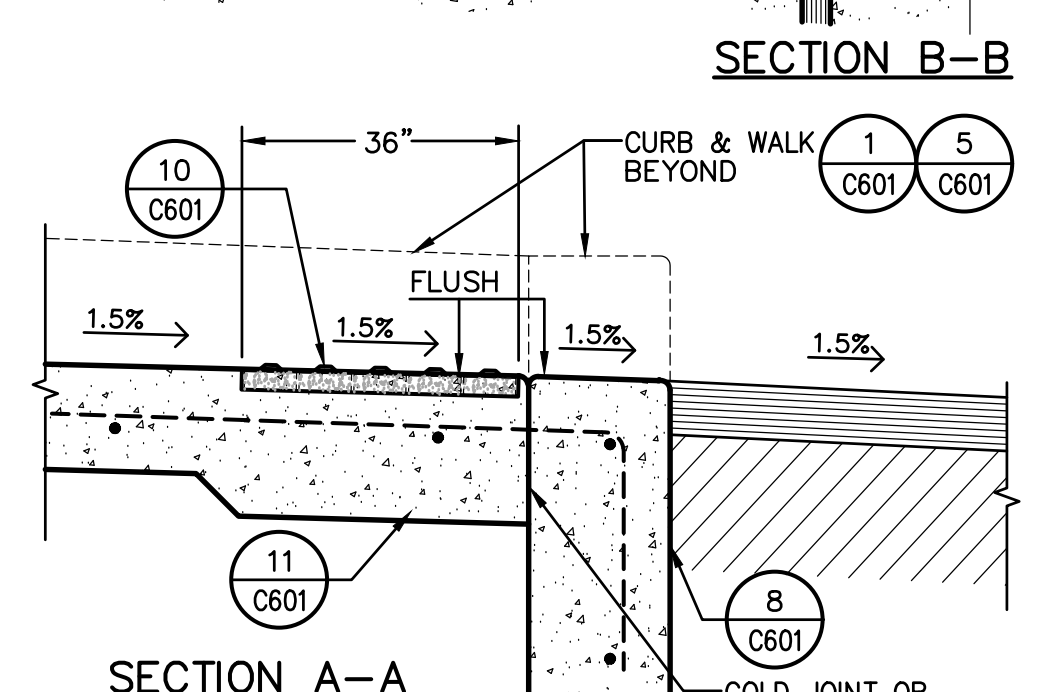
17 CONCRETE PLANTER WALL NO SCALE



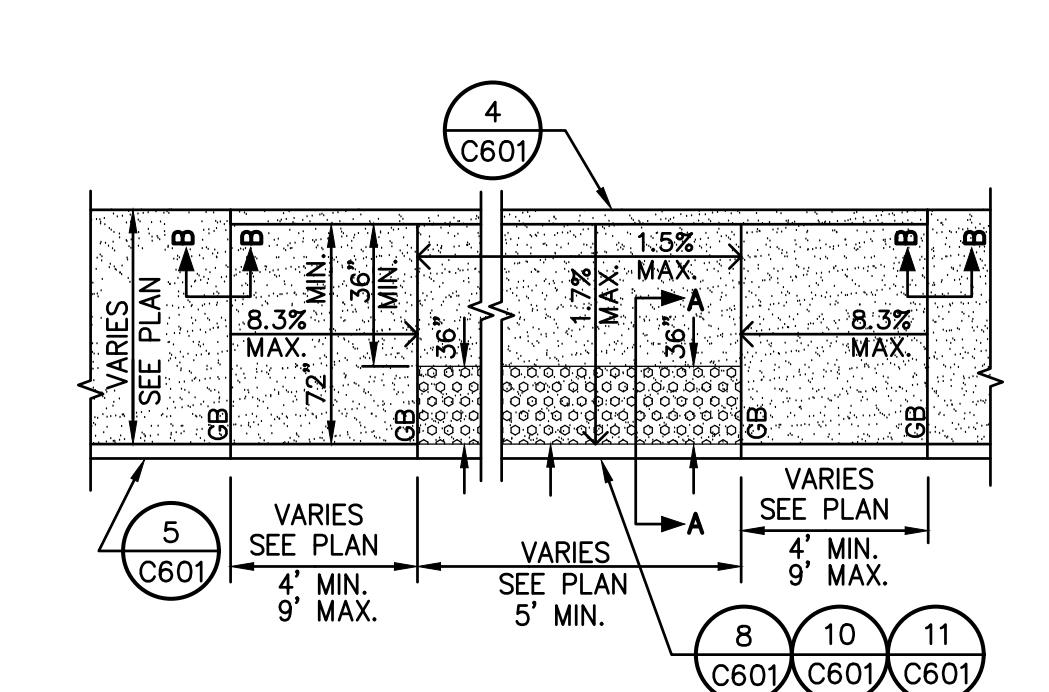
19 ACCESSIBLE RAMP NO SCALE



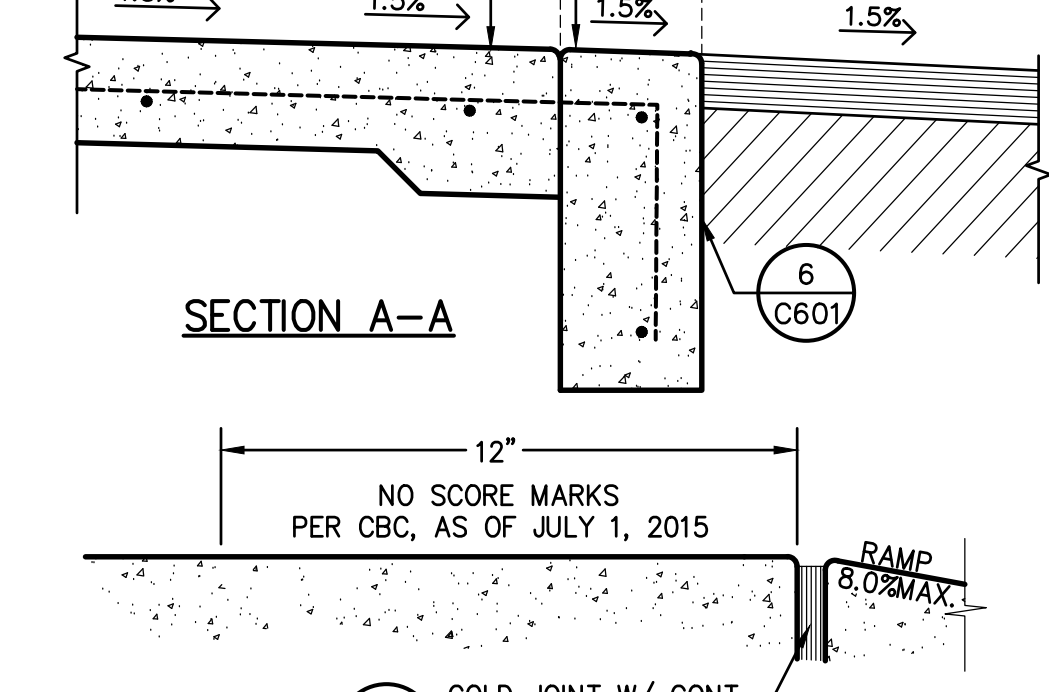
18 ACCESSIBLE LOADING AREA NO SCALE



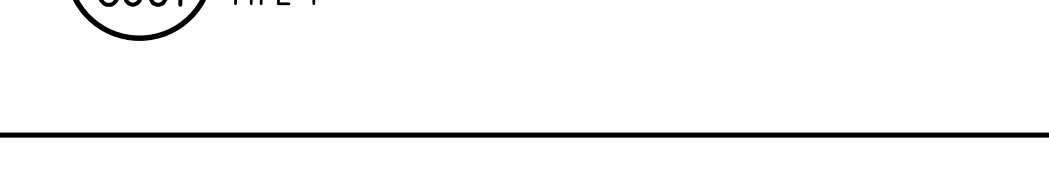
15 THICK CONC. EDGE NO SCALE



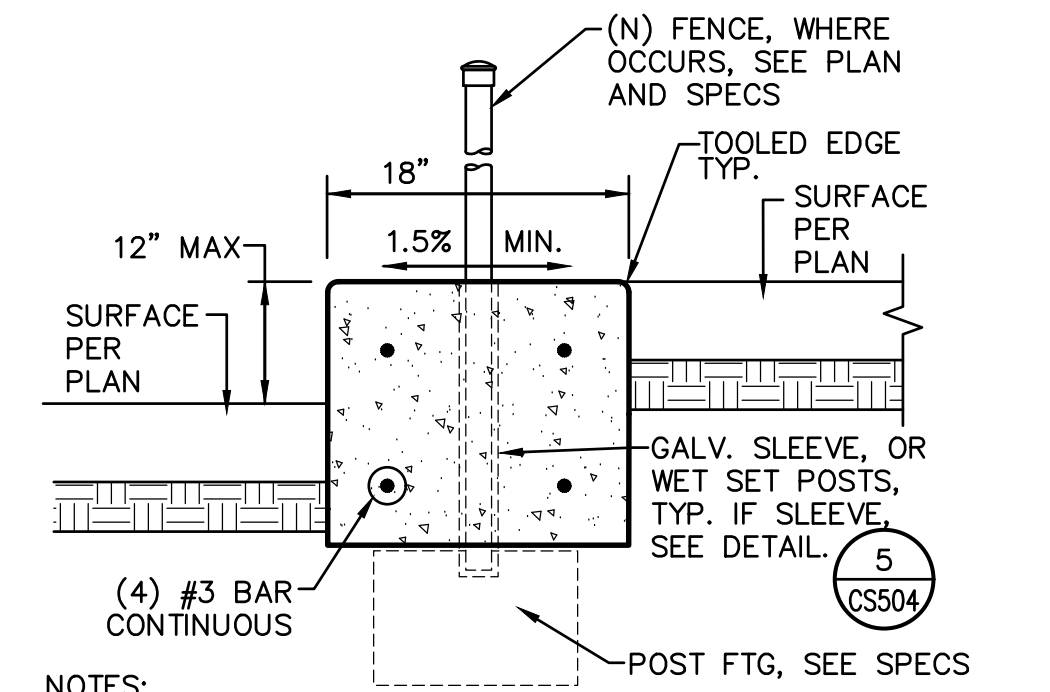
14 RAISED CONCRETE APRON NO SCALE



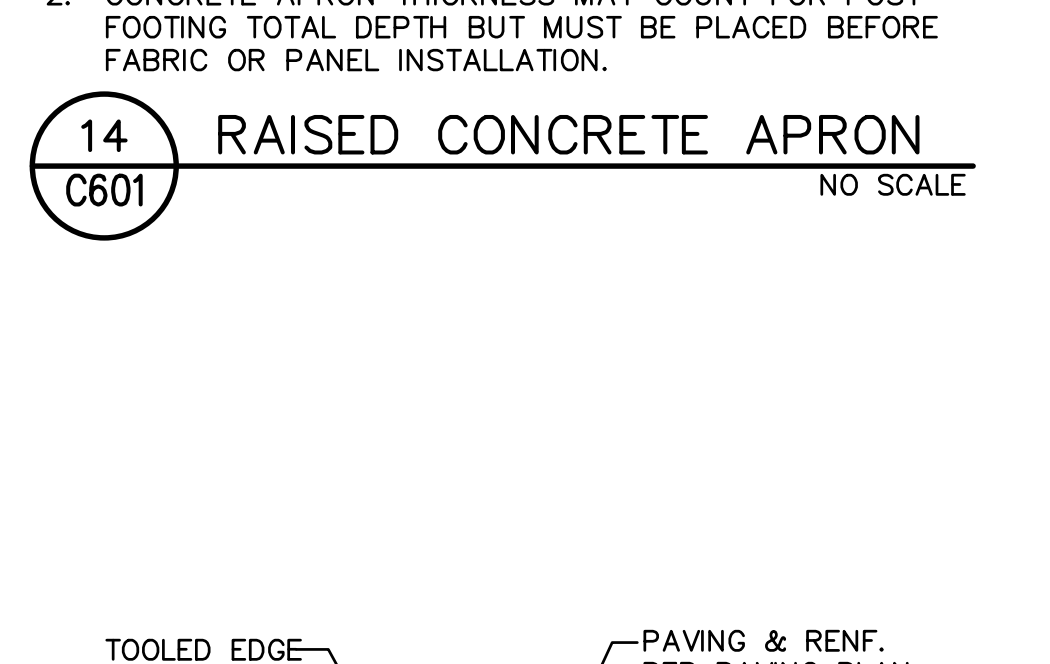
13 CONCRETE WHEEL STOP NO SCALE



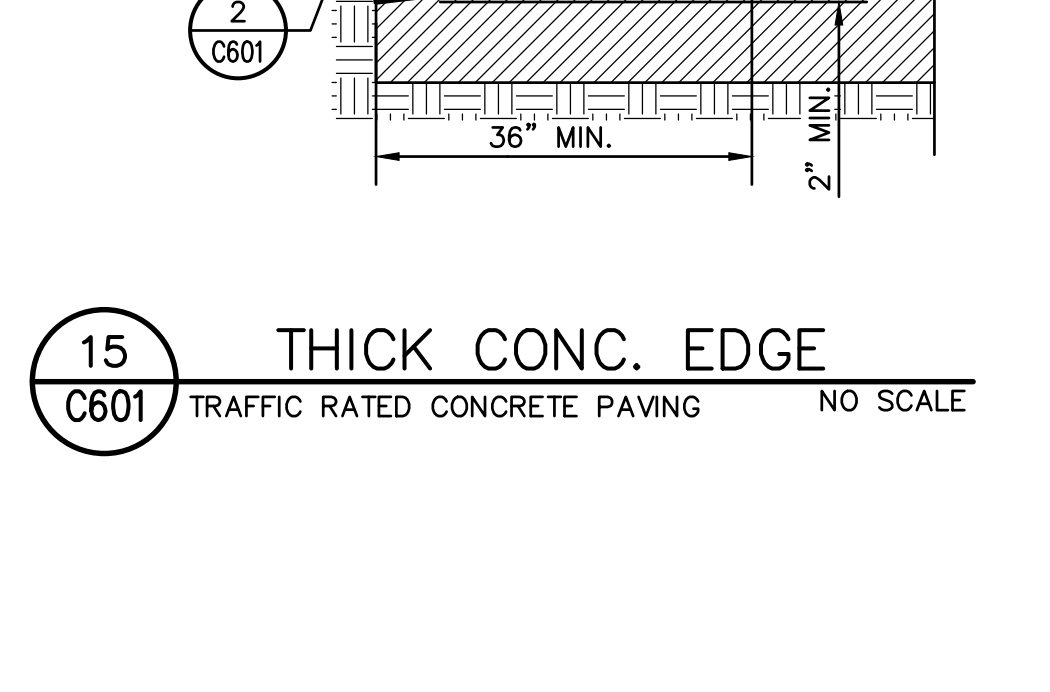
16 CONCRETE SEATWALL/WALL NO SCALE



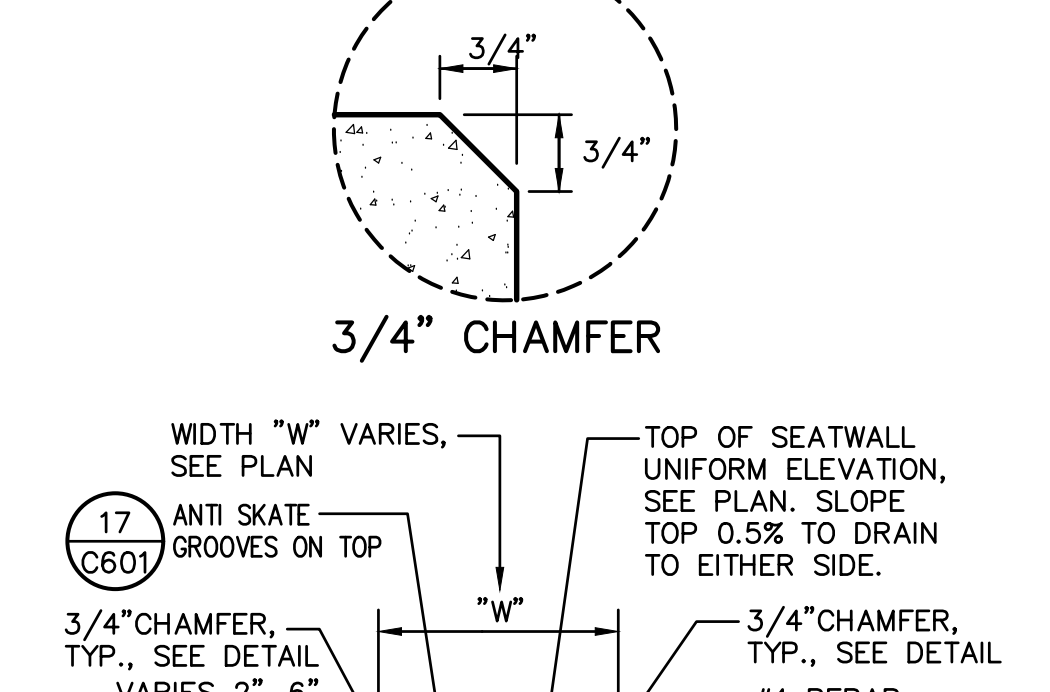
9 FLUSH CONCRETE CURB NO SCALE



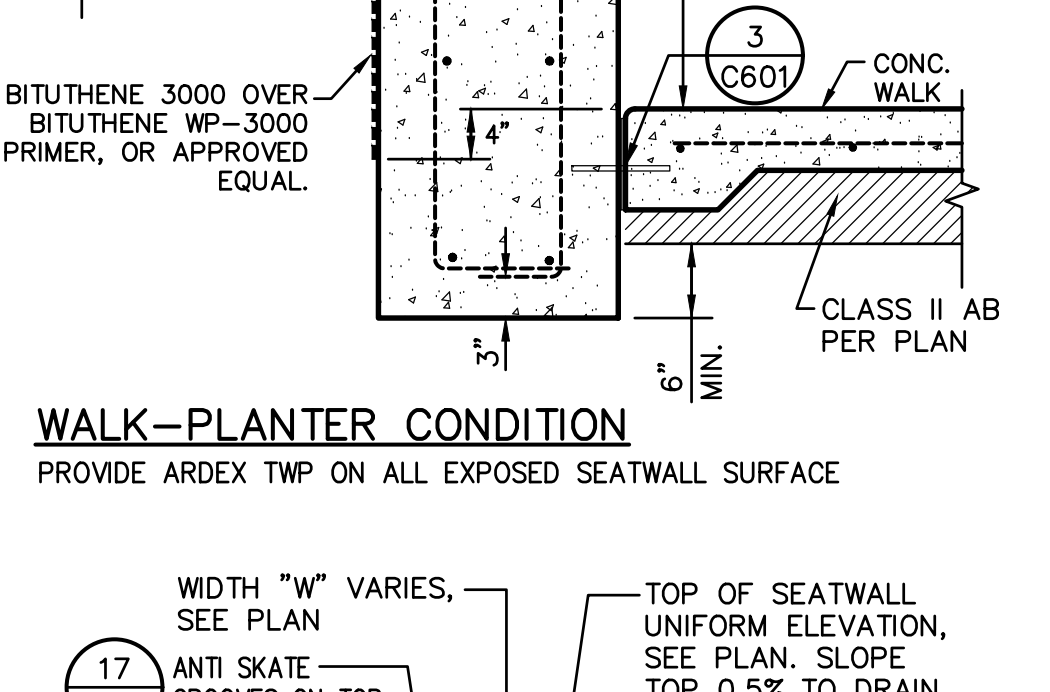
10 TRUNCATED DOMES NO SCALE



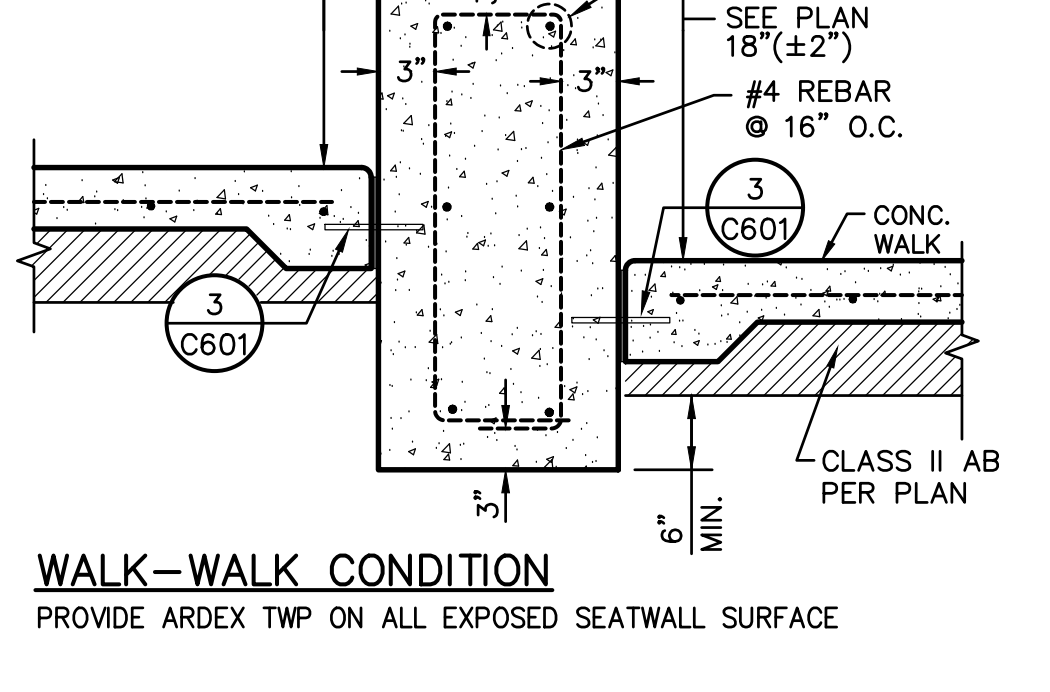
11 SLAB AT TRUNCATED DOMES NO SCALE



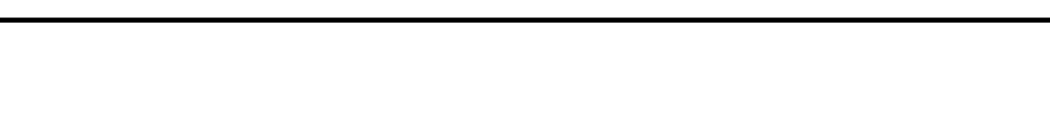
12 CONCRETE APRON NO SCALE



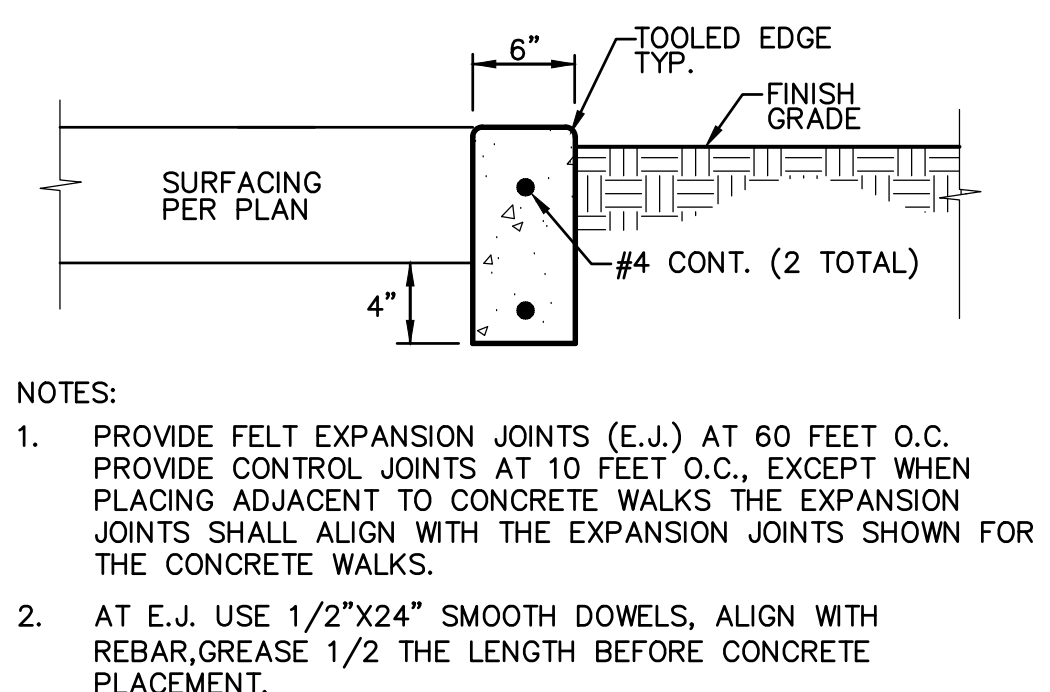
8 FLUSH CONCRETE EDGE NO SCALE



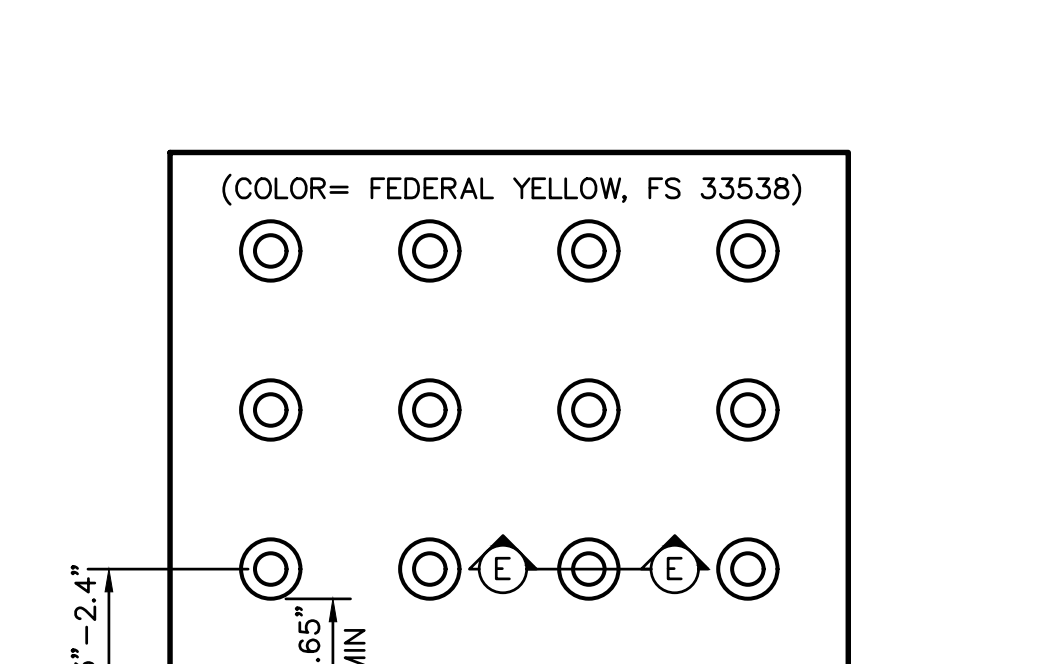
5 CONCRETE CURB NO SCALE



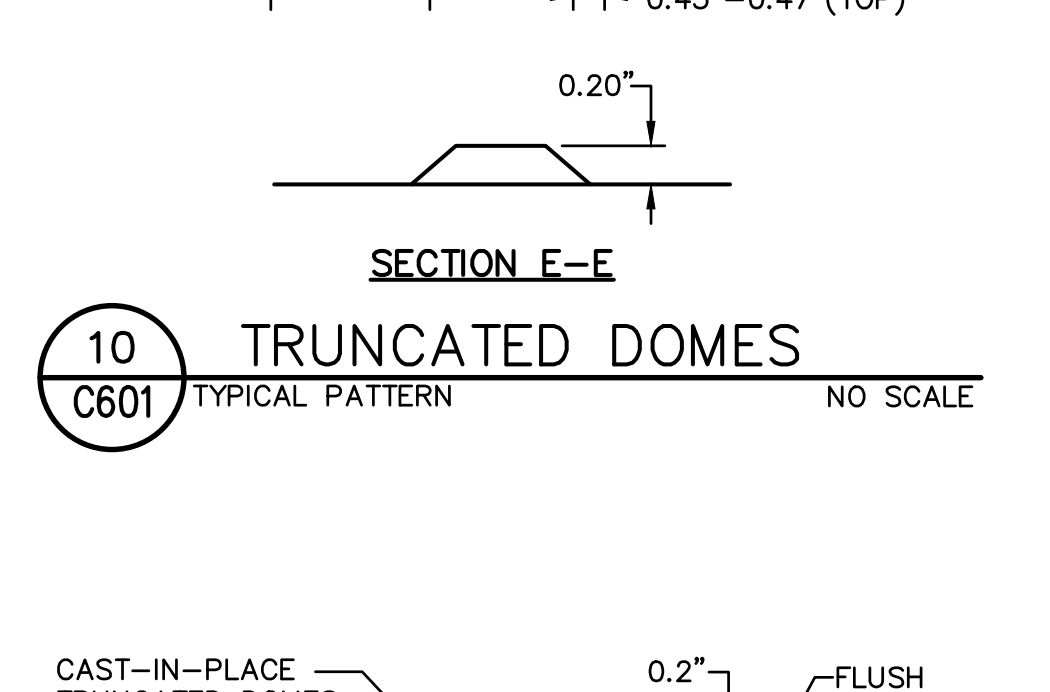
6 CONCRETE CURB AND GUTTER NO SCALE



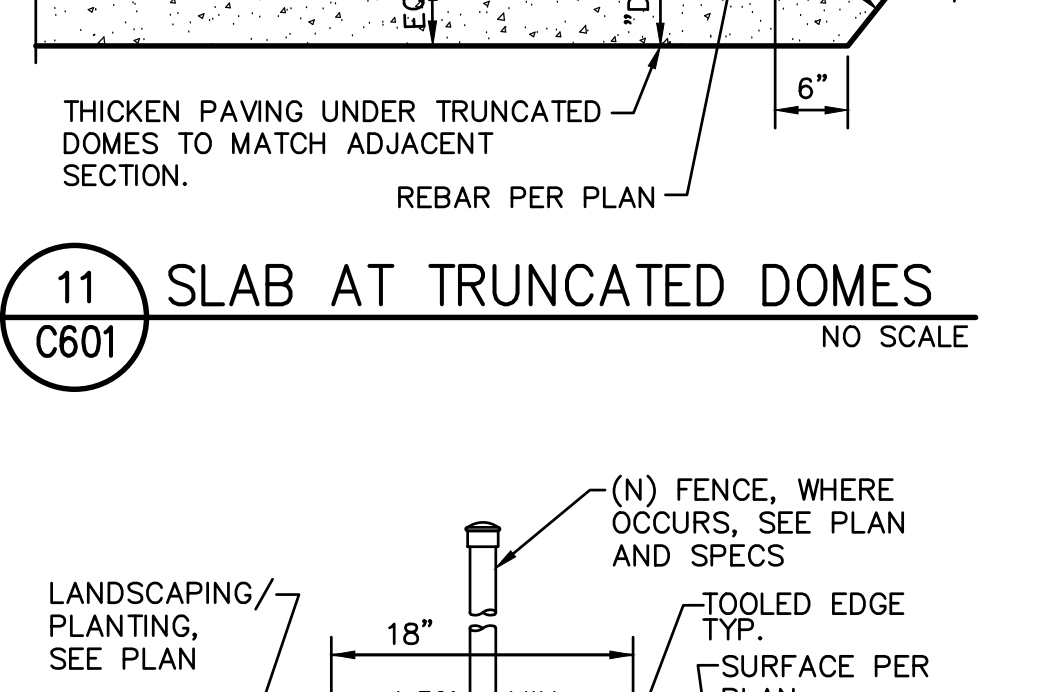
1 CONCRETE APRON THICKNESS



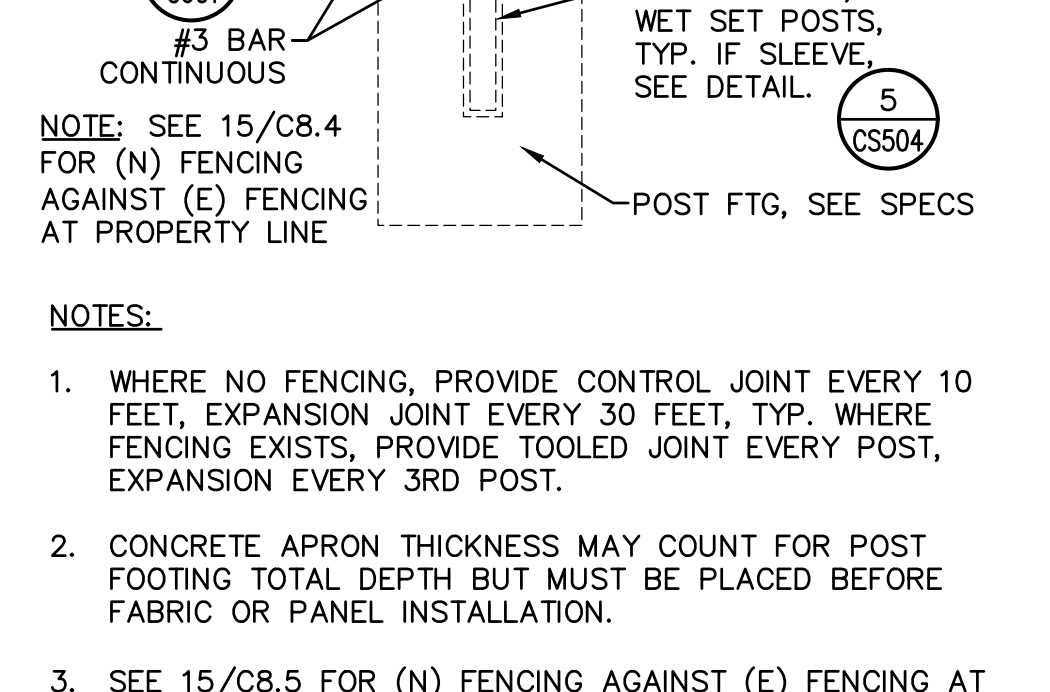
2 CONCRETE APRON THICKNESS



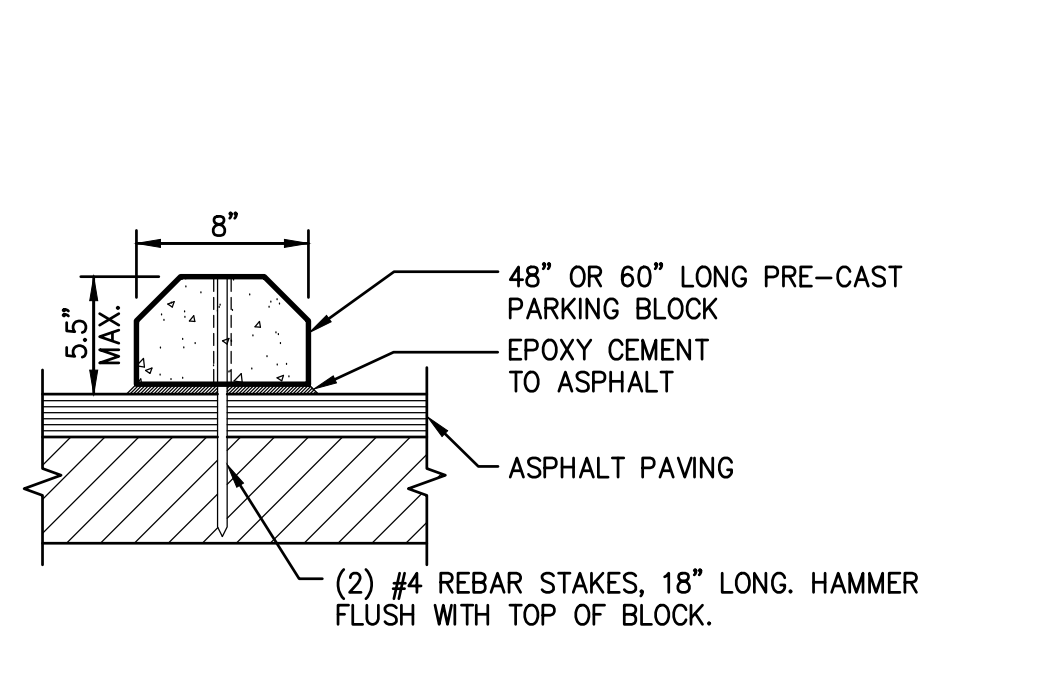
3 CONCRETE CURB AND GUTTER



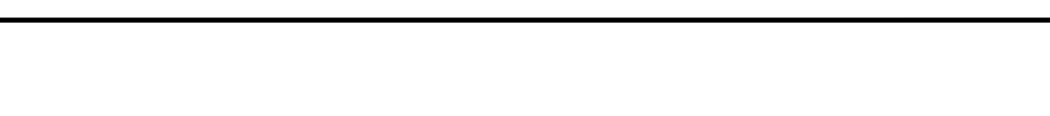
4 WALKWAY EDGE CURB



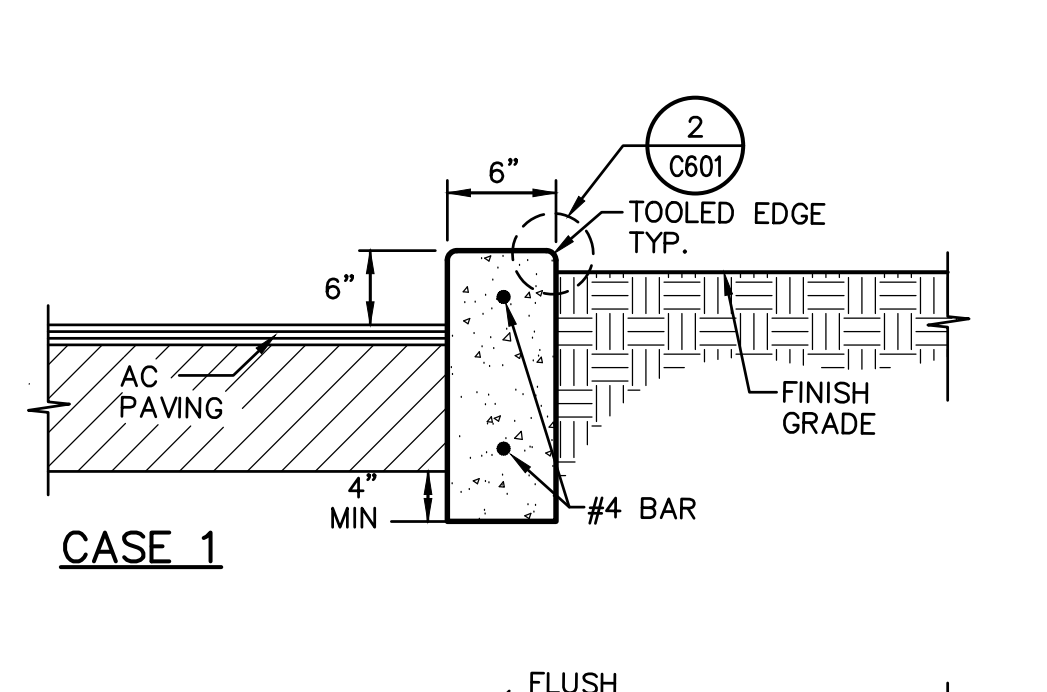
7 RAISED CURB



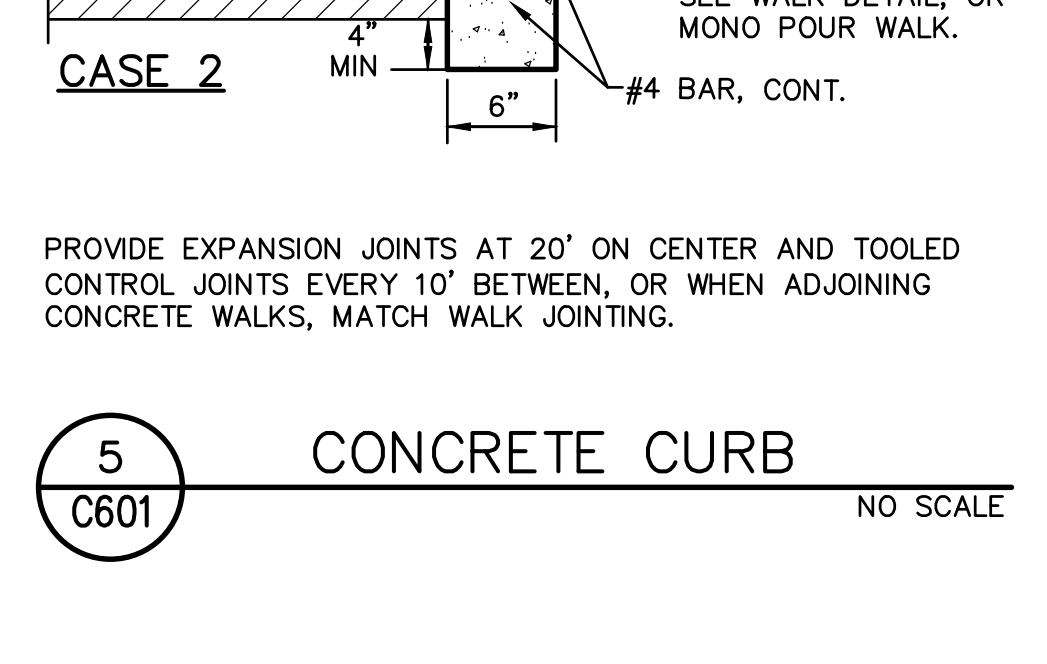
10 TRUNCATED DOMES



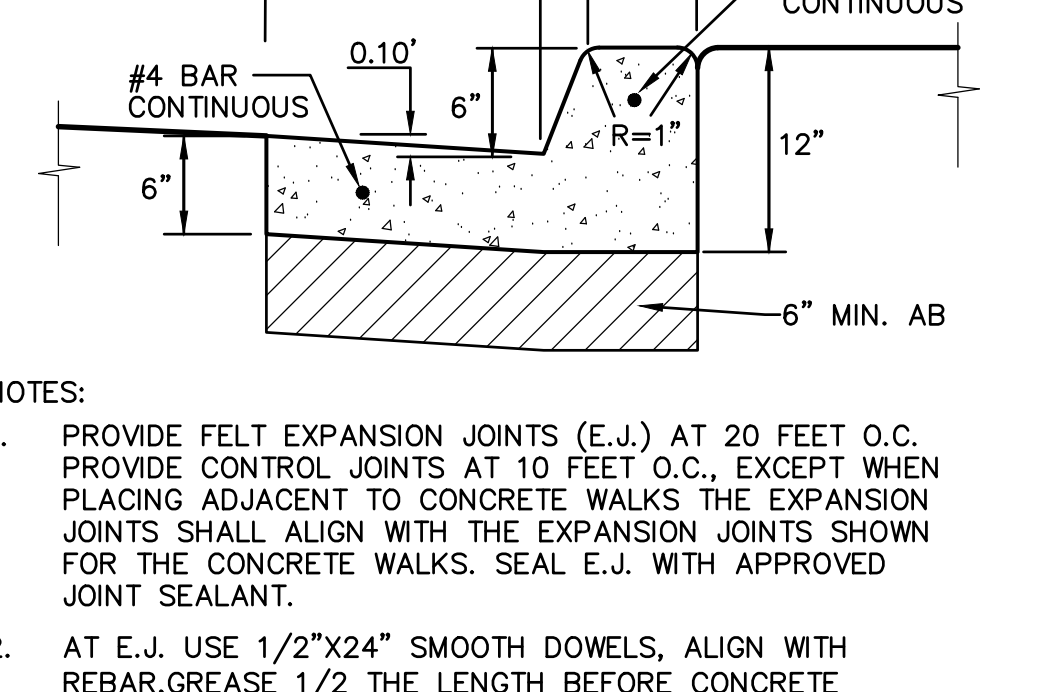
11 SLAB AT TRUNCATED DOMES



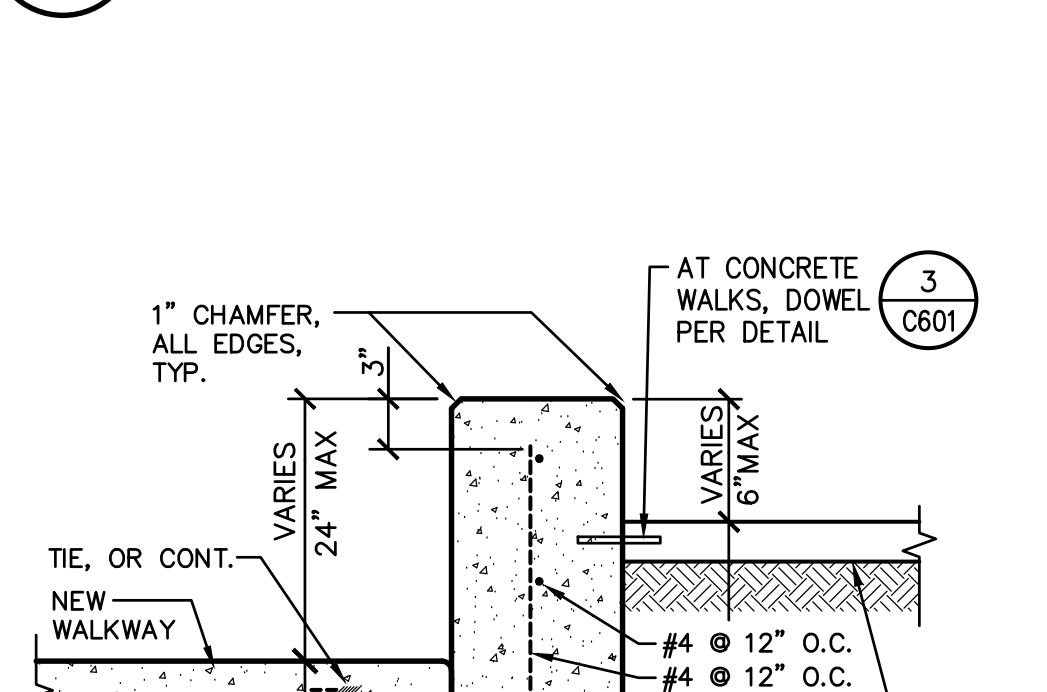
17 CONCRETE PLANTER WALL



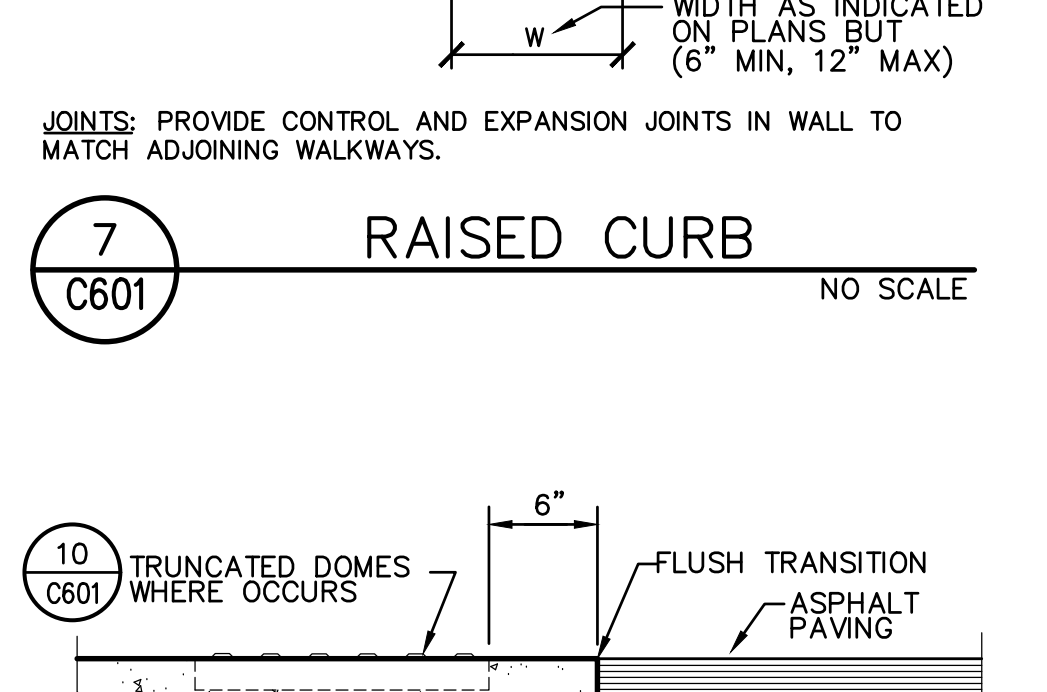
19 ACCESSIBLE RAMP



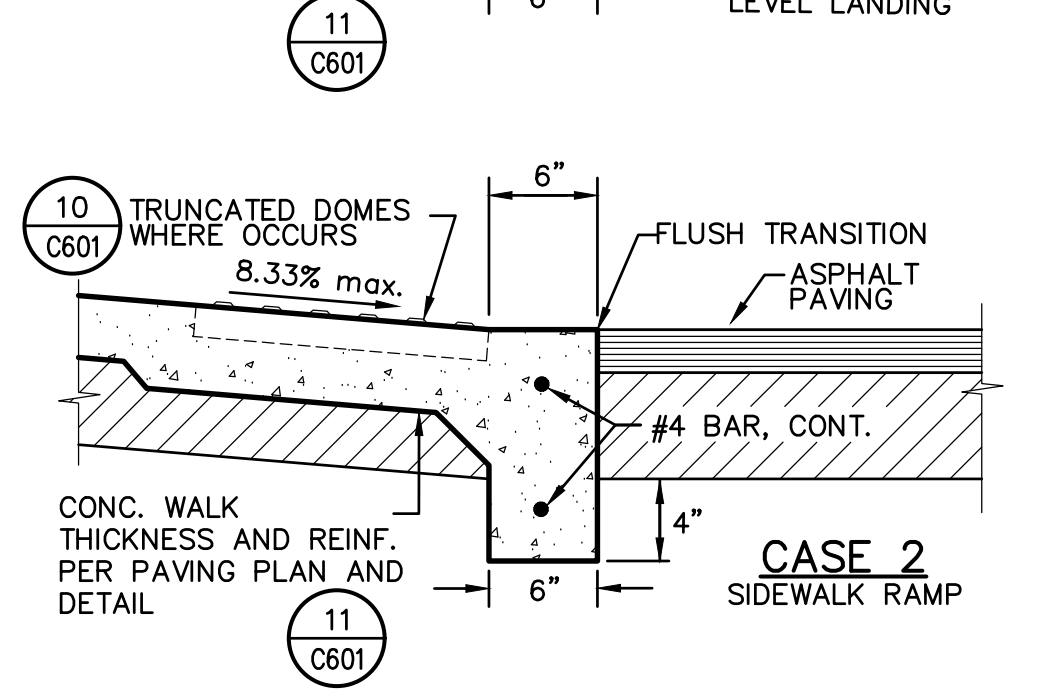
18 ACCESSIBLE LOADING AREA



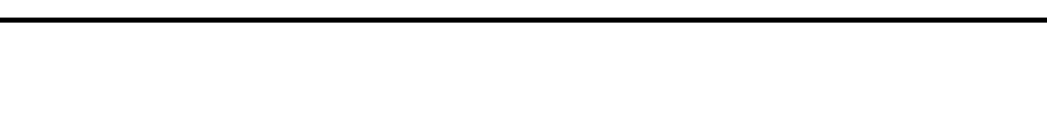
15 THICK CONC. EDGE



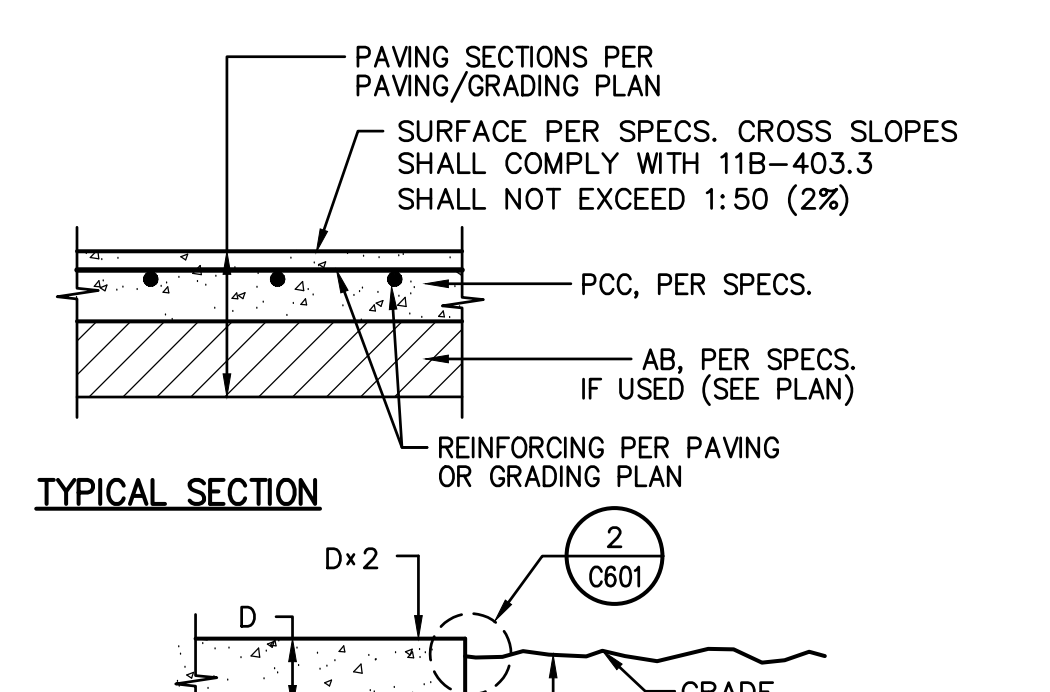
14 RAISED CONCRETE APRON



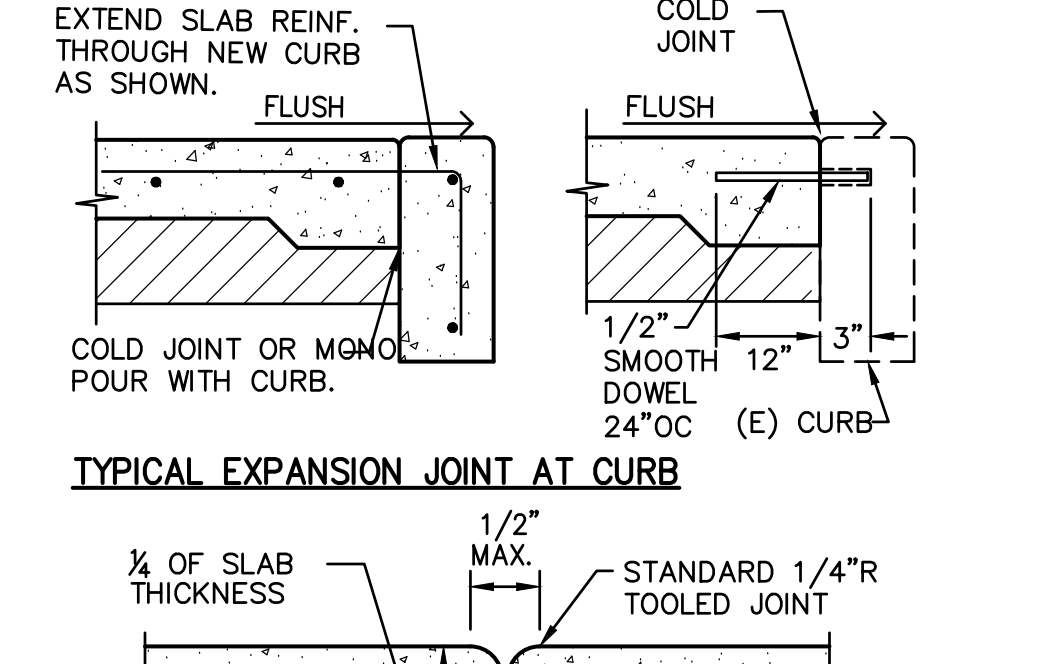
13 CONCRETE WHEEL STOP



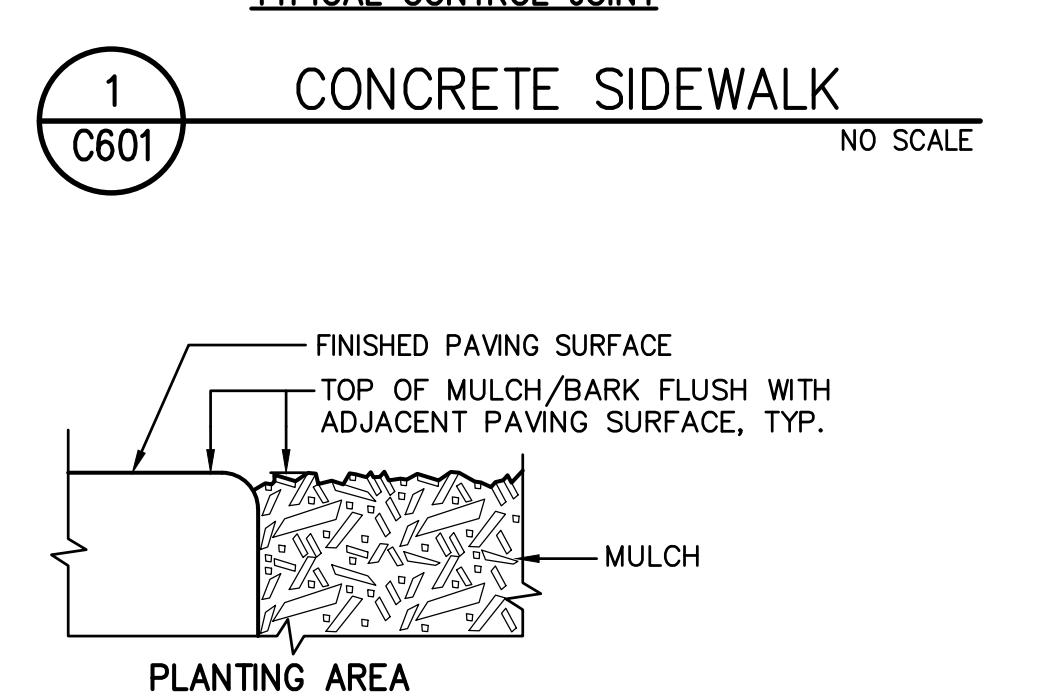
16 CONCRETE SEATWALL/WALL



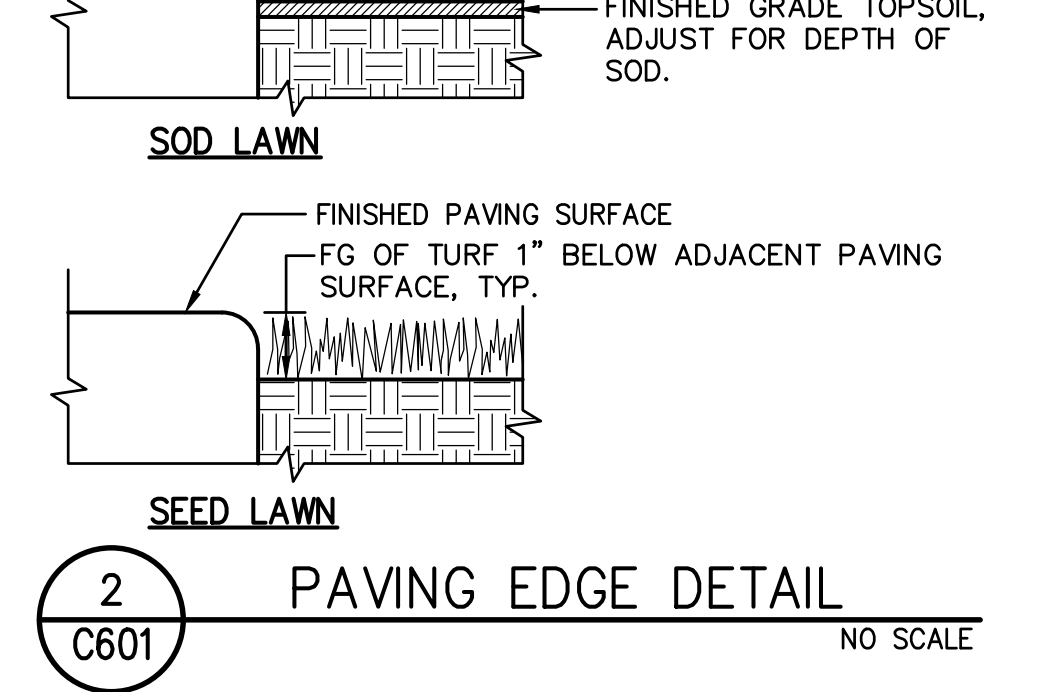
9 FLUSH CONCRETE CURB



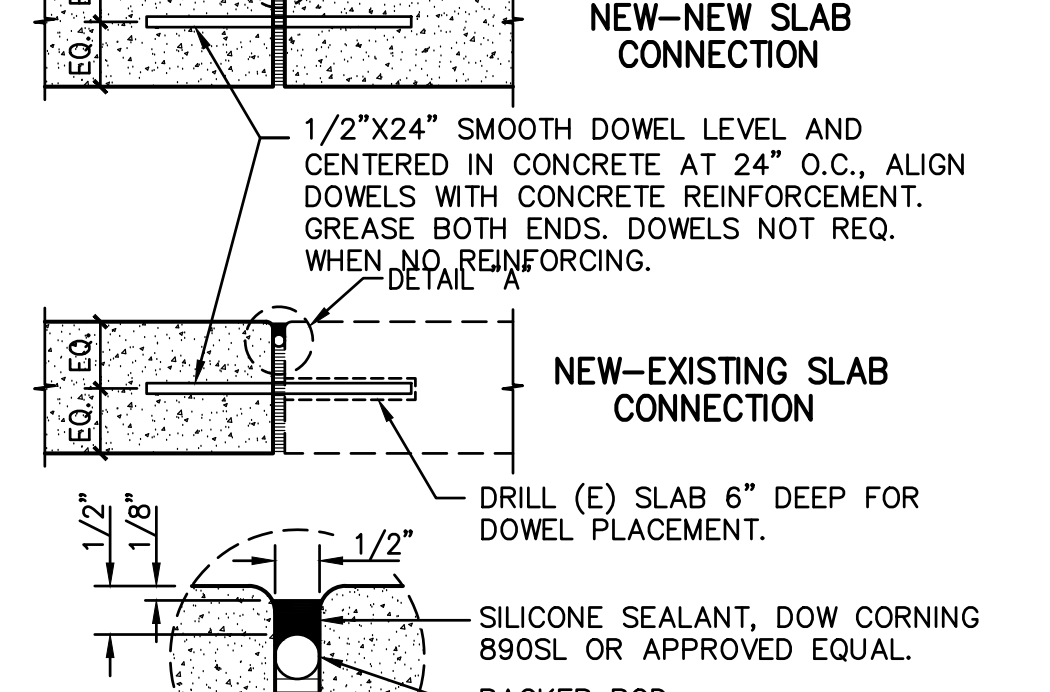
10 TRUNCATED DOMES



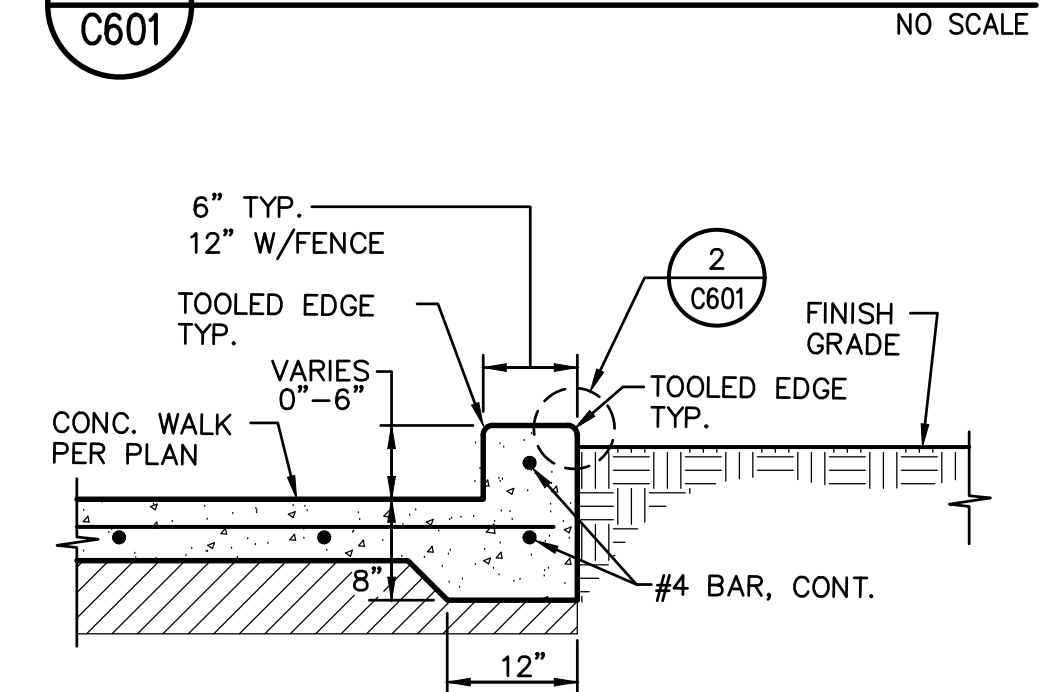
11 SLAB AT TRUNCATED DOMES



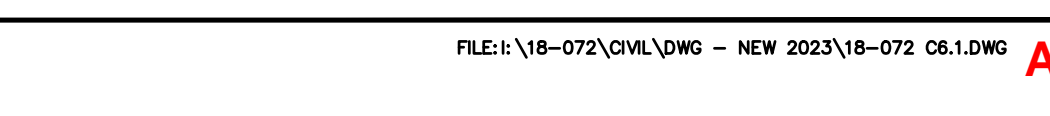
8 FLUSH CONCRETE EDGE



5 CONCRETE CURB



6 CONCRETE CURB AND GUTTER



17 CONCRETE PLANTER WALL

DIVISION OF THE STATE ARCHITECT

CENTER HIGH SCHOOL MODERNIZATION

3111 Center Court Lane
 Antelope, CA 95844

Center Joint Unified School District

REGISTERED PROFESSIONAL ENGINEER
 ANTHONY J. TABSANO
 NO. C74896
 CIVIL
 STATE OF CALIFORNIA
 12/1/2023

WARREN CONSULTING ENGINEERS, INC.
 1117 WINDFIELD WAY, SUITE 110
 EL DORADO HILLS, CA 95762 | (916) 985-1870

CONSULTANT

nacht&lewis

600 Q Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 916.329.4000

ARCHITECT

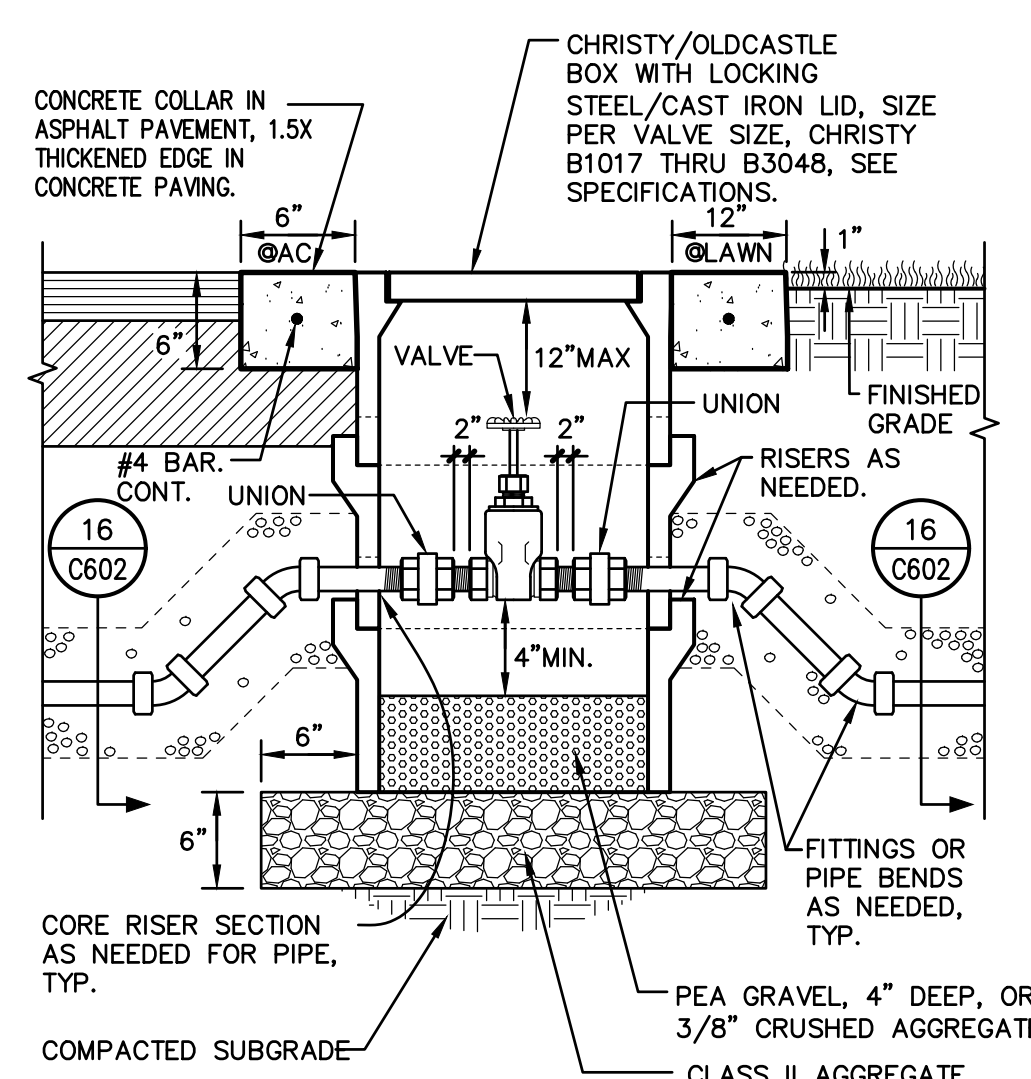
REVISIONS		
NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	06/04/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
05	30% CD	01/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

DATE: _____
 JOB NO.: Y1826.00
 SHEET TITLE: PAVING PLAN
 SHEET NO.: C601

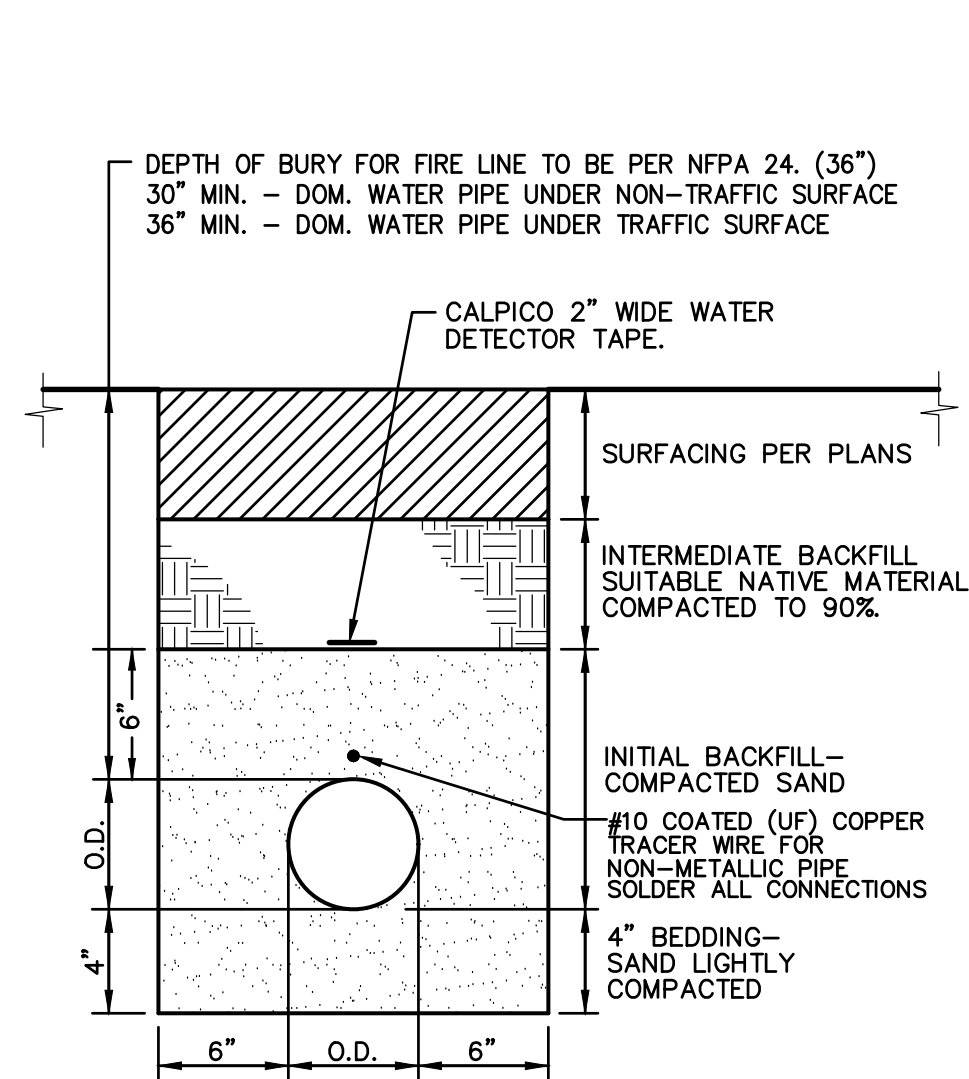
FILE: 18-072-DWG - NEW 2023/18-072 C61.DWG

ATT4-02 - REVISED GRADING PLANS

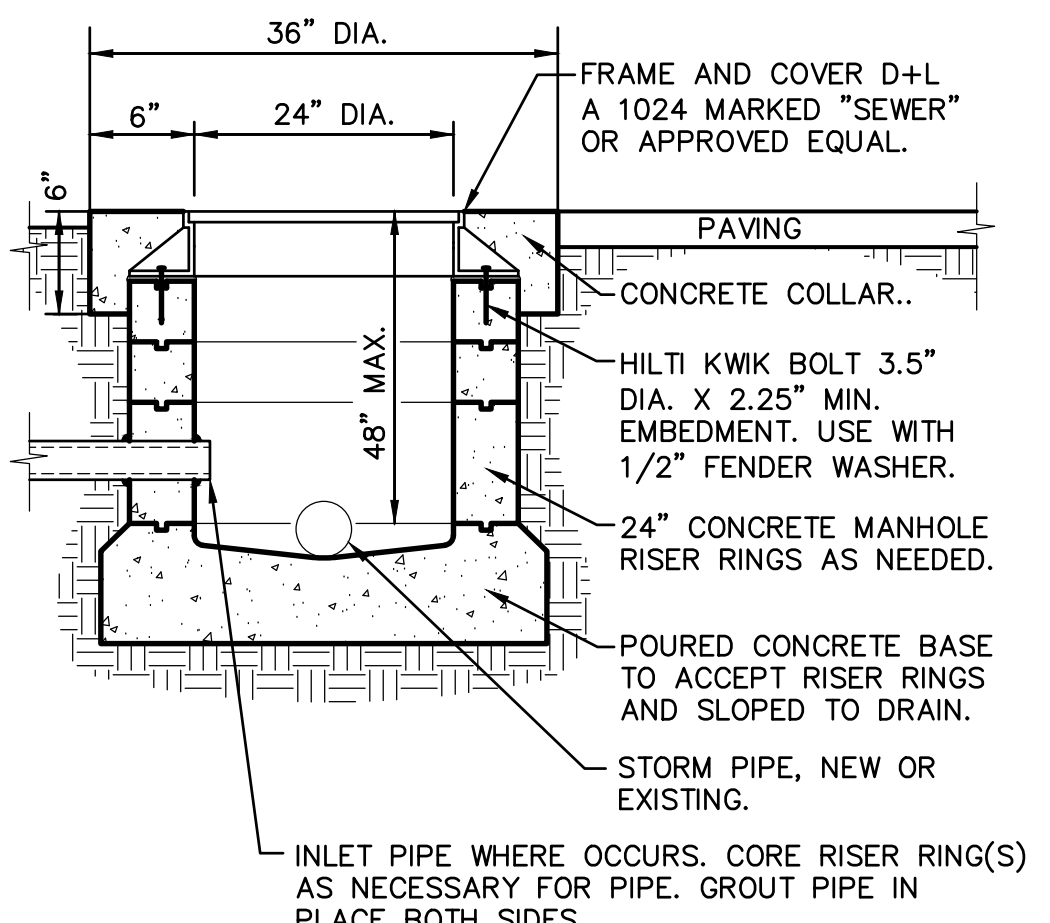
ONE AND ONE-HALF INCH = ONE FOOT
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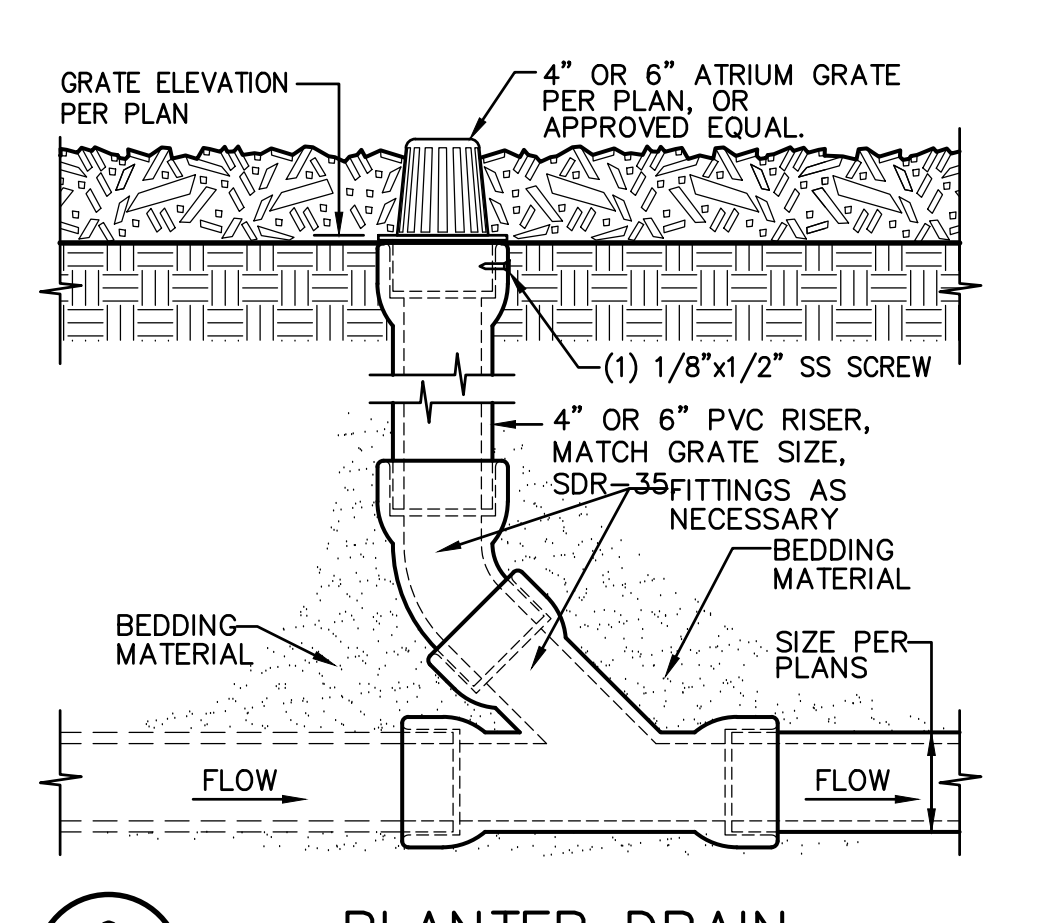
17 WATER VALVE
NO SCALE



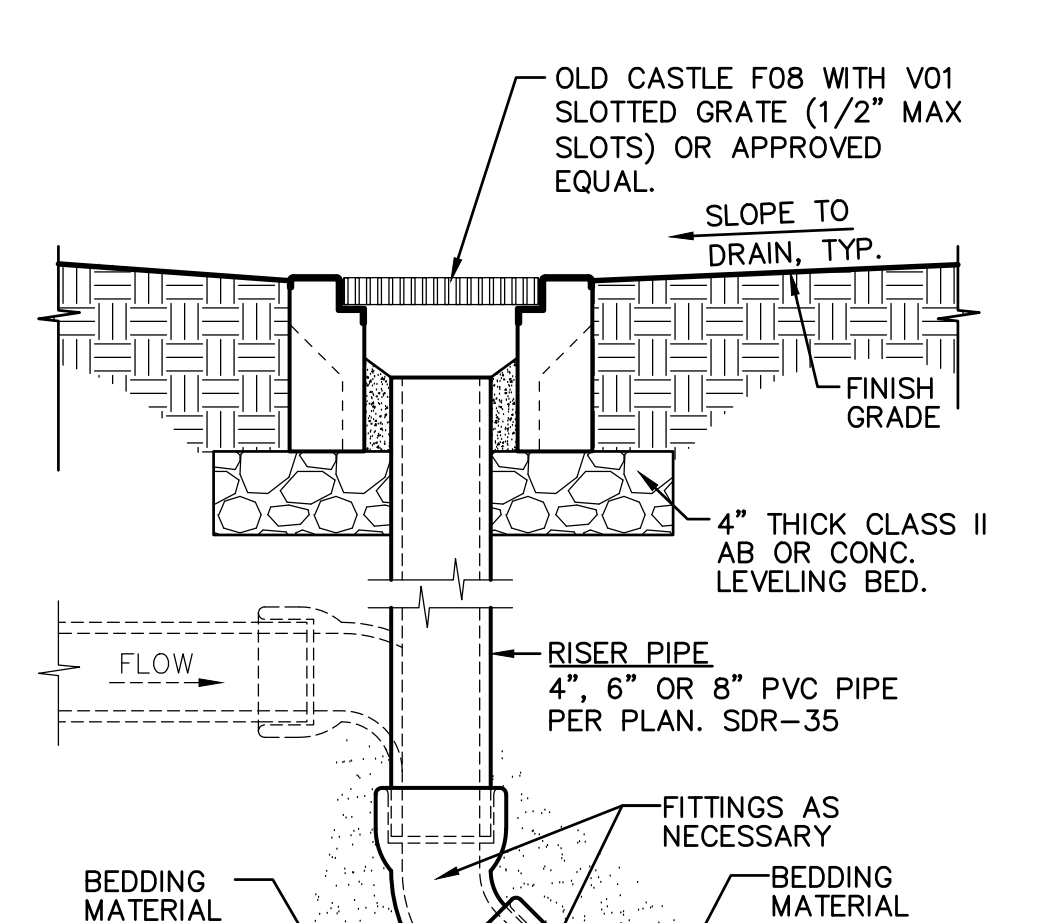
16 WATER TRENCH
NO SCALE



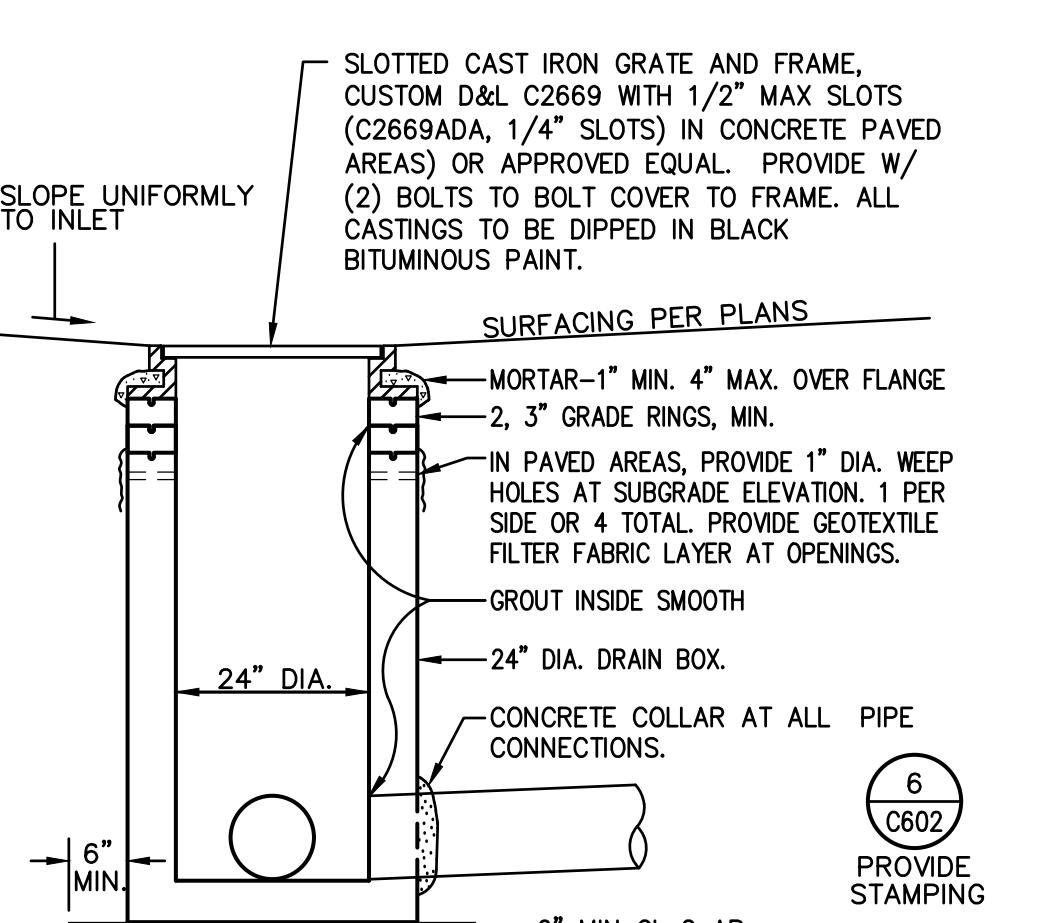
13 24" STORM MANHOLE
NO SCALE



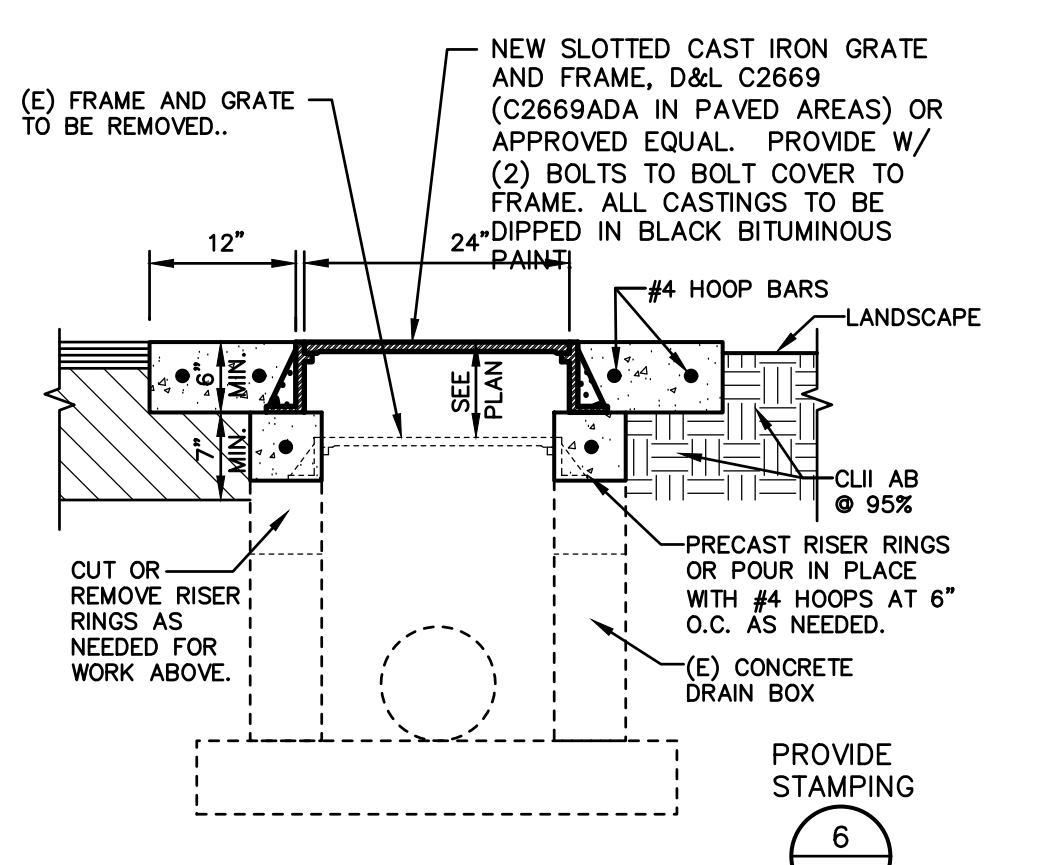
9 PLANTER DRAIN
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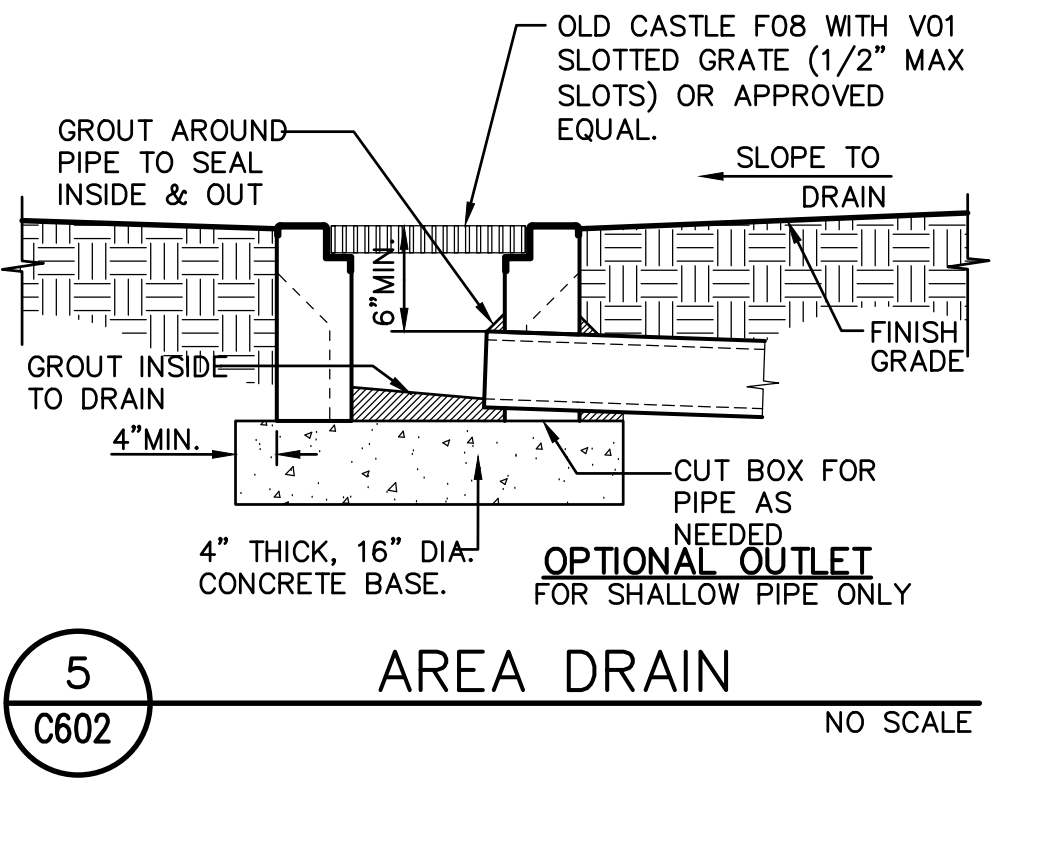
5 AREA DRAIN
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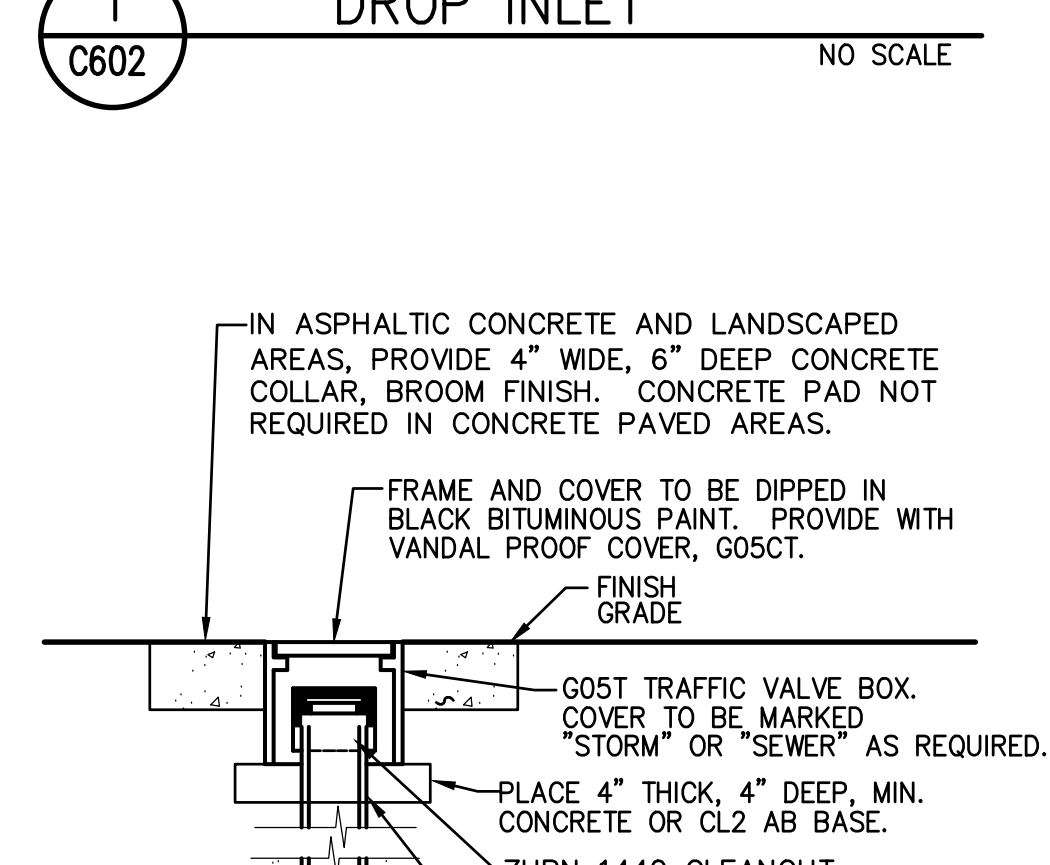
1 DROP INLET
NO SCALE



10 ADJUSTED DRAIN/MANHOLE
NO SCALE



6 STORMWATER STAMP/PLAQUE
NO SCALE

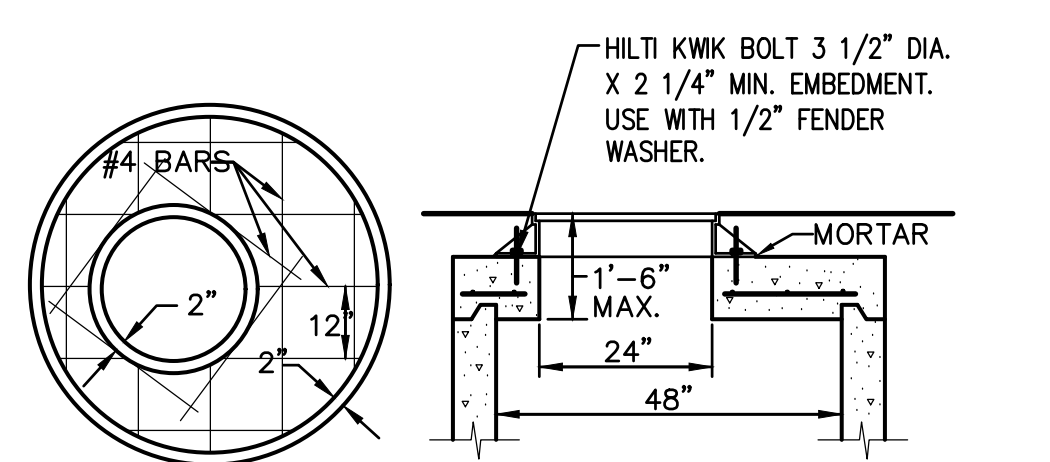


2 CLEANOUT
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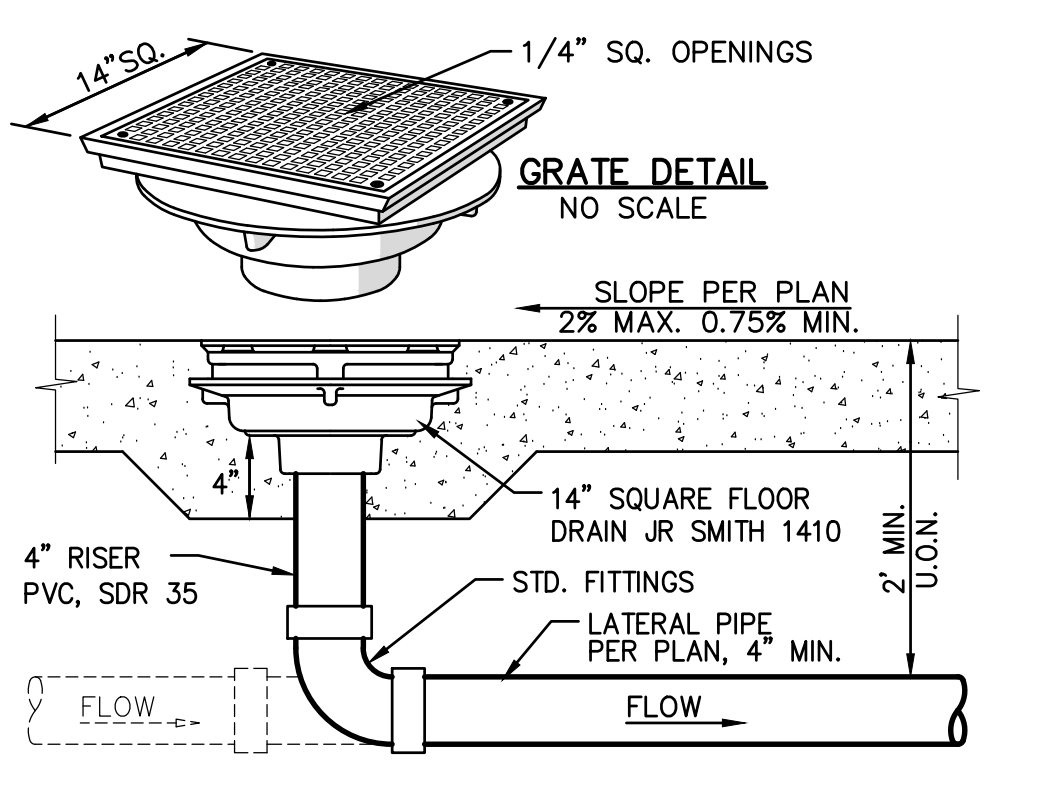


6 STORMWATER STAMP/PLAQUE
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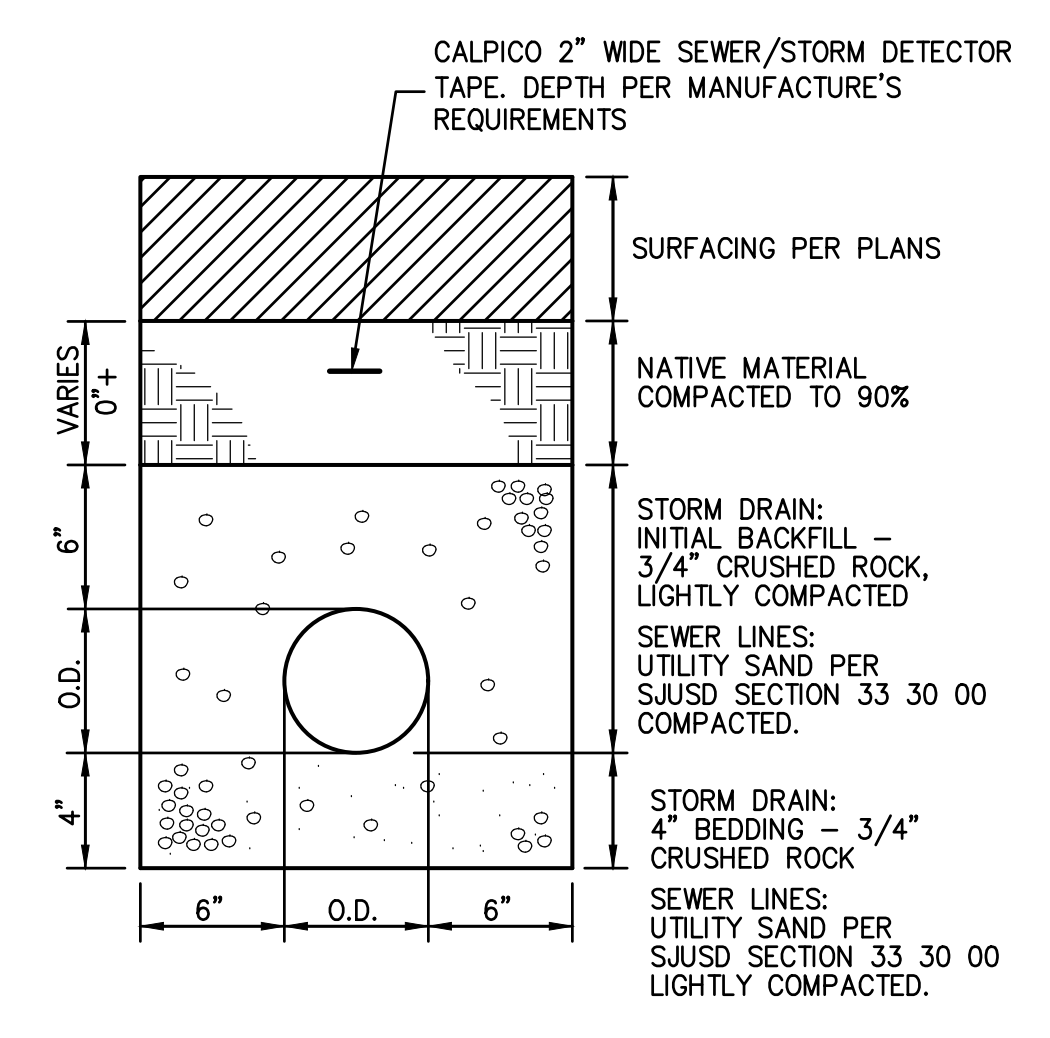
11 NOT USED
NO SCALE



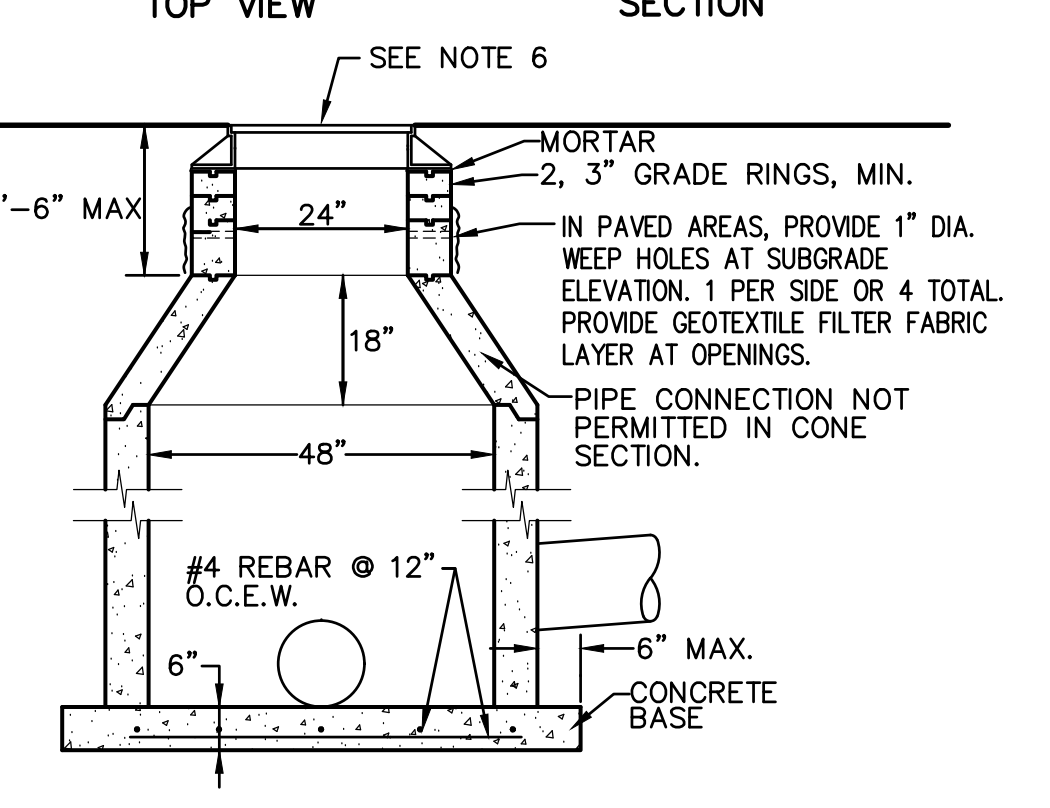
14 DOWNSPOUT CONNECTION
NO SCALE



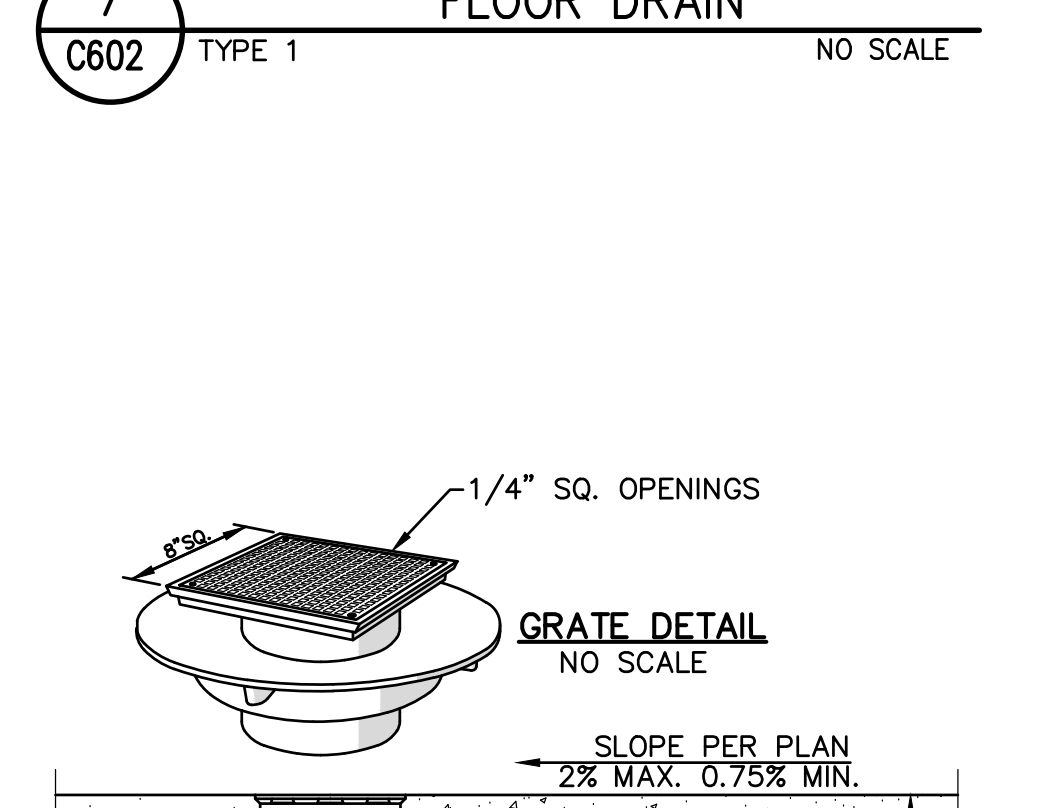
7 FLOOR DRAIN
NO SCALE



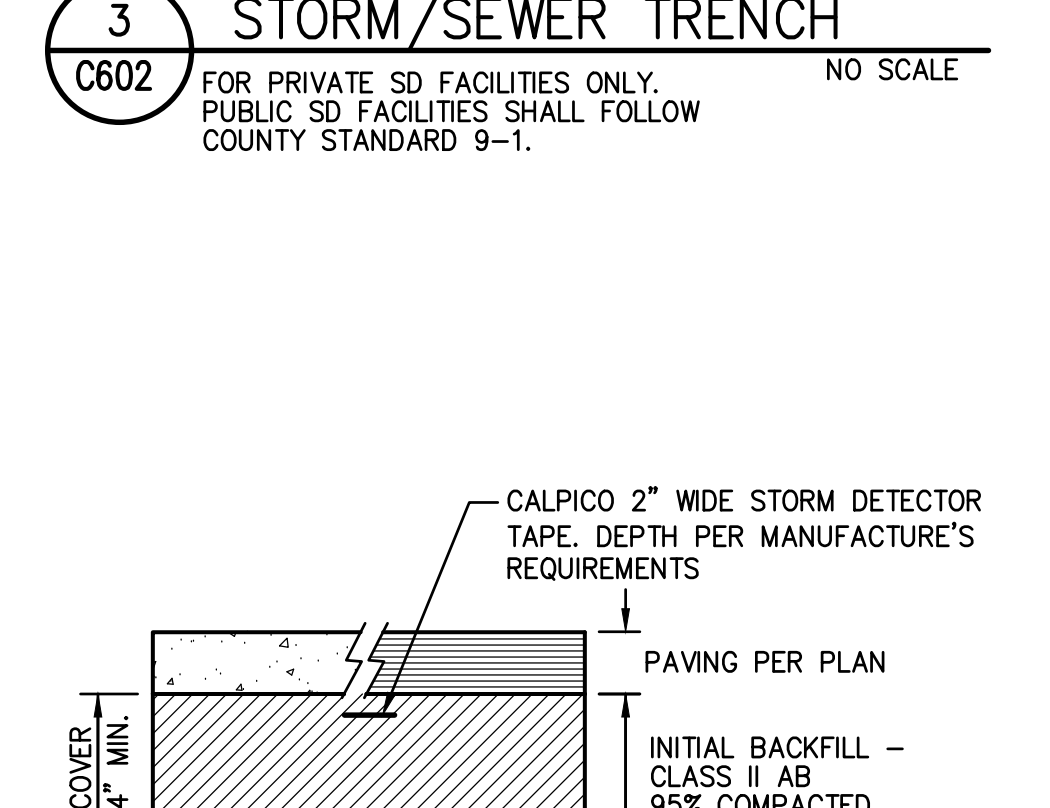
3 STORM/SEWER TRENCH
NO SCALE



12 STORM DRAIN MANHOLE
NO SCALE

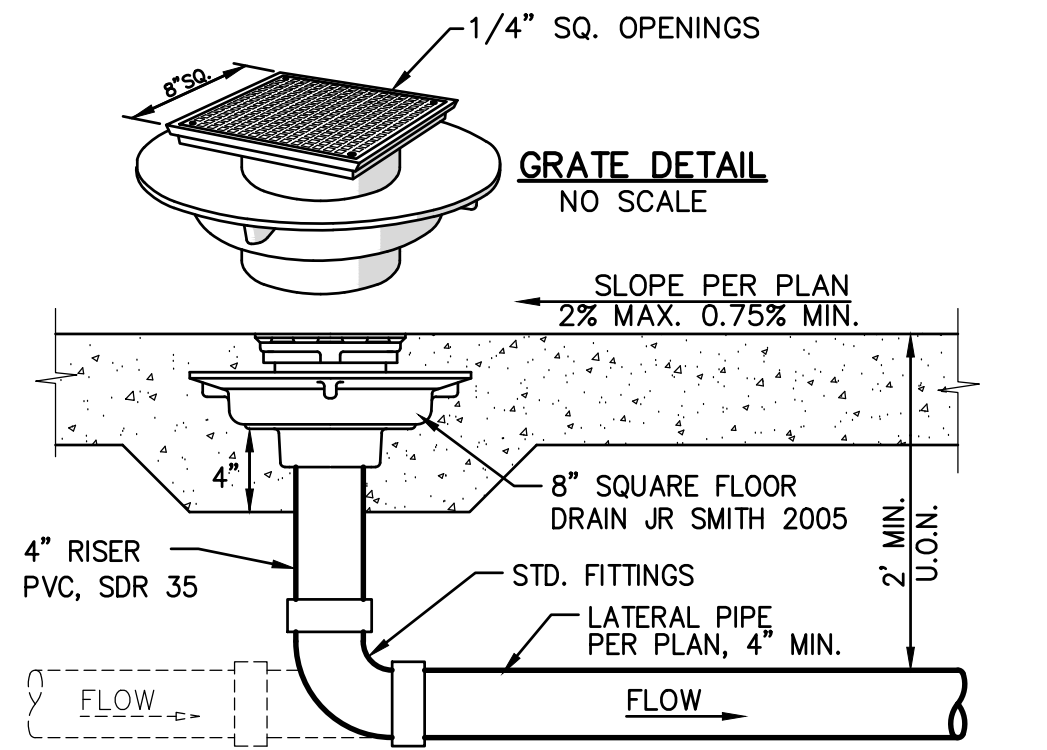


8 FLOOR DRAIN
NO SCALE

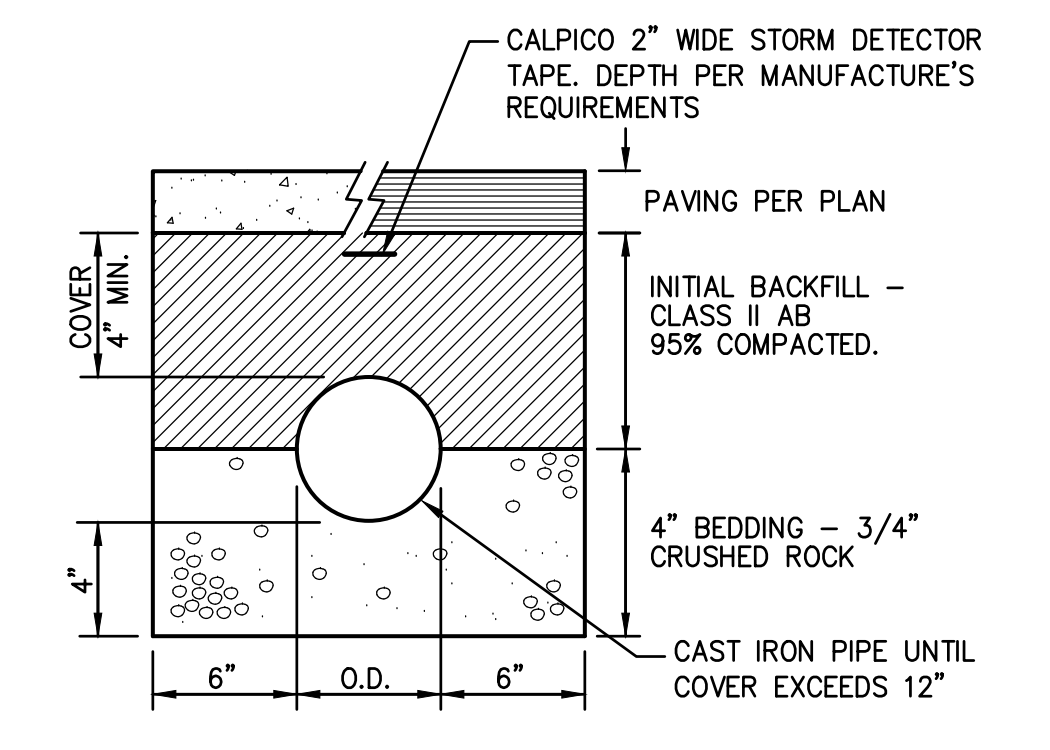


4 SHALLOW STORM TRENCH
NO SCALE

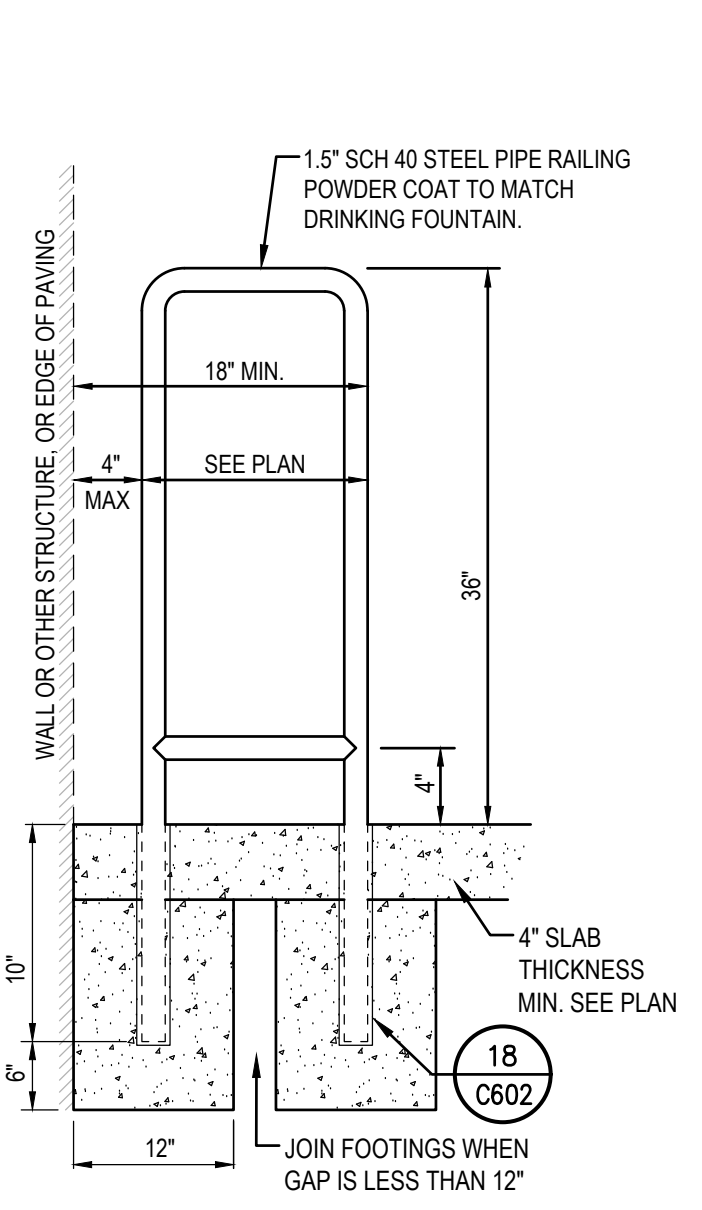
- NOTES:
- RISER SECTIONS, CONES, AND ADJUSTING RING SHALL CONFORM TO ASTM DESIGNATION C-478.
 - FRAME SHALL BE SECURED TO RISER OR FLAT SLAB TOP WITH CEMENT MORTAR.
 - THE CONTRACTOR MAY AT HIS OPTION, CAST THE LOWER PORTION OF MANHOLE IN PLACE. THE CAST-IN-PLACE PORTION SHALL NOT BE PLACED HIGHER THAN 6 INCHES ABOVE THE OUTSIDE TOPS OF THE MAIN INCOMING AND OUTGOING PIPES.
 - ALL JOINTS SHALL BE SEALED WITH GROUT AND INSIDE OF MANHOLE SHALL BE GROUTED SMOOTH.
 - FLAT SLAB SHALL BE USED WHEN DEPTH DOES NOT PERMIT USE OF TAPER RING.
 - SLOTTED CAST IRON GRATE AND FRAME SHALL BE D&L C2669 (C2669ADA IN PAVED AREAS) OR APPROVED EQUAL. PROVIDE WITH TWO (2) BOLTS TO BOLT COVER/GRATE TO FRAME. SOLID COVERS TO BE MARKED "STORM DRAIN". ALL CASTINGS TO BE DIPPED IN BLACK BITUMINOUS PAINT.



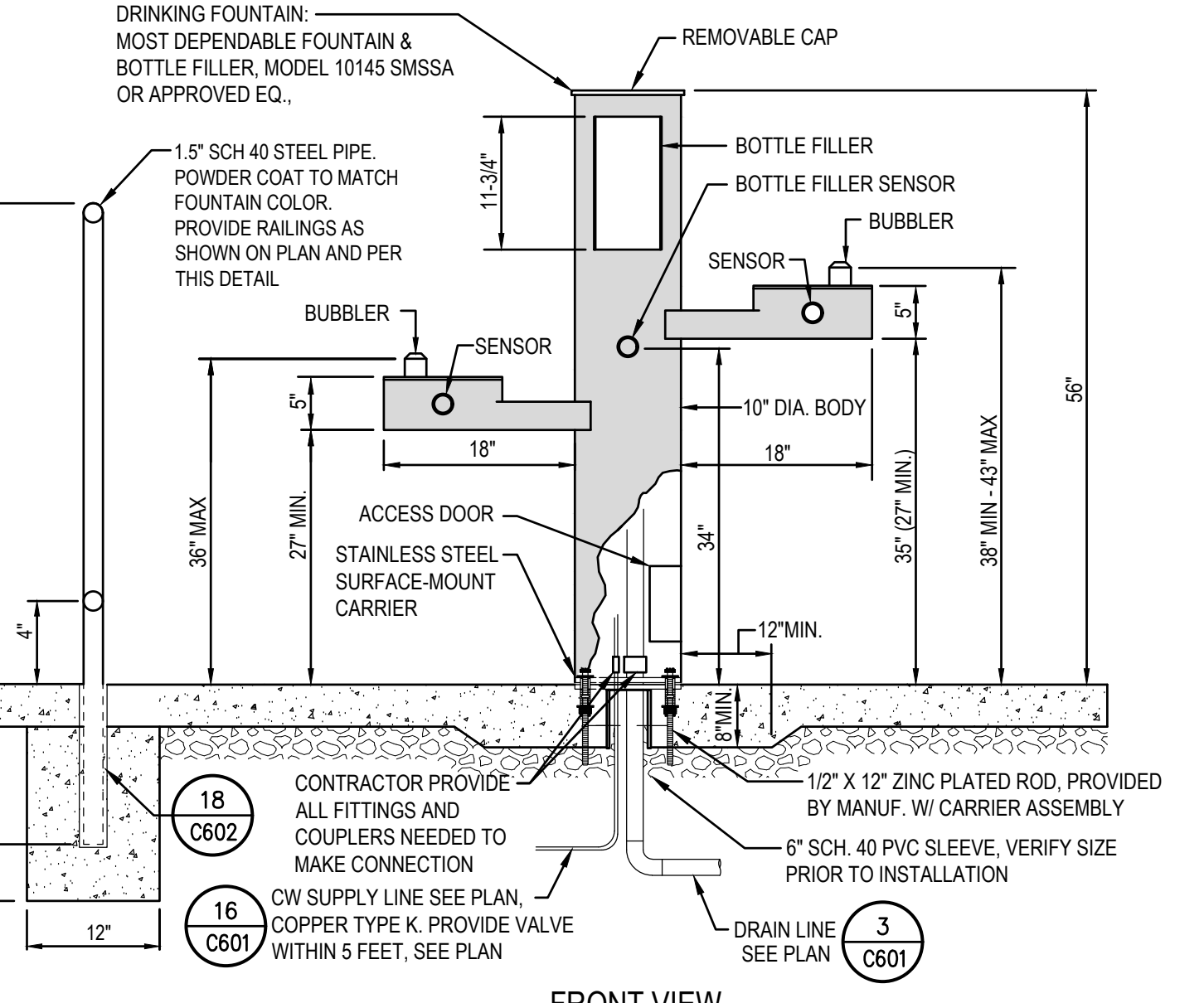
8 FLOOR DRAIN
NO SCALE



4 SHALLOW STORM TRENCH
NO SCALE

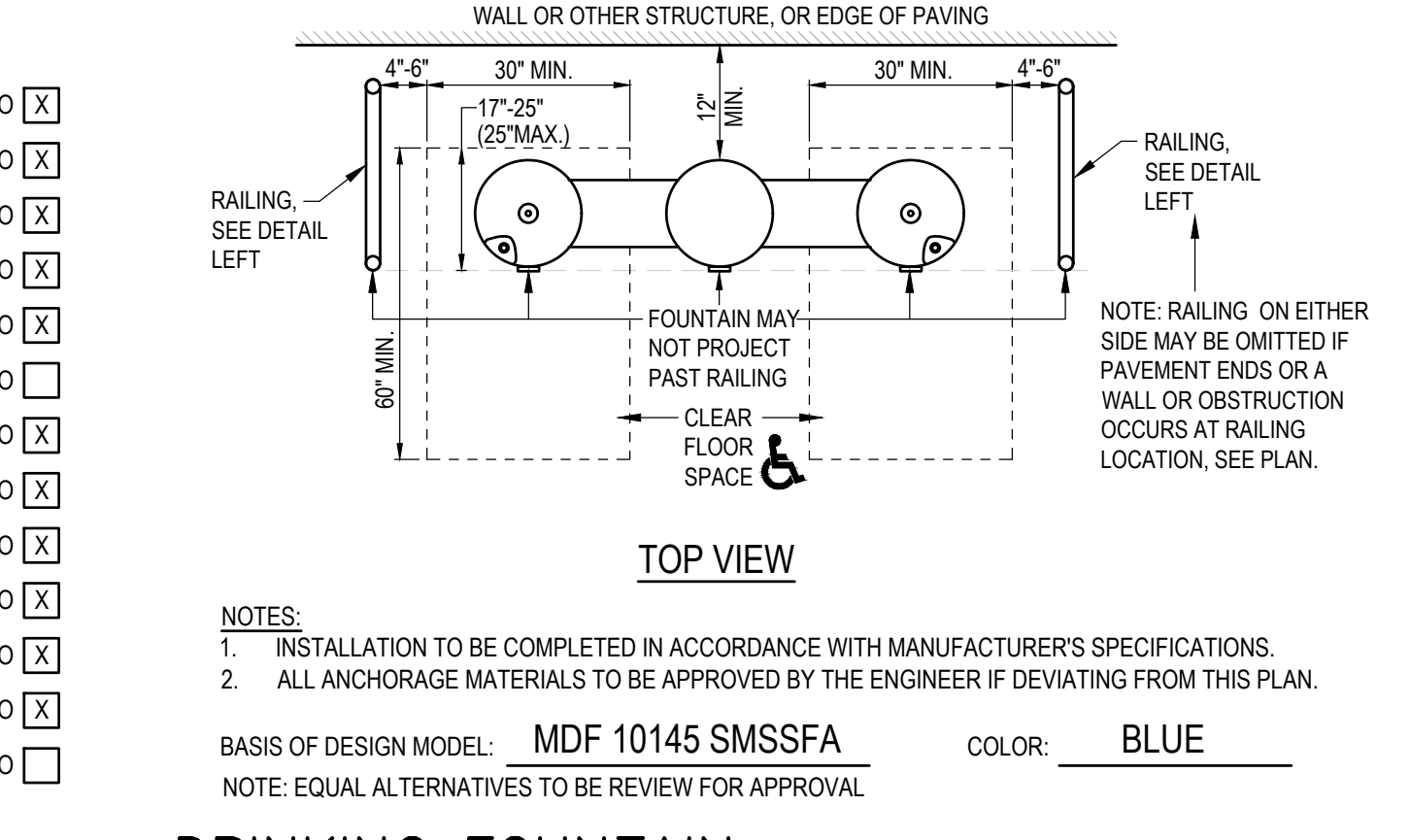


18 RAILING SIDE VIEW
NO SCALE

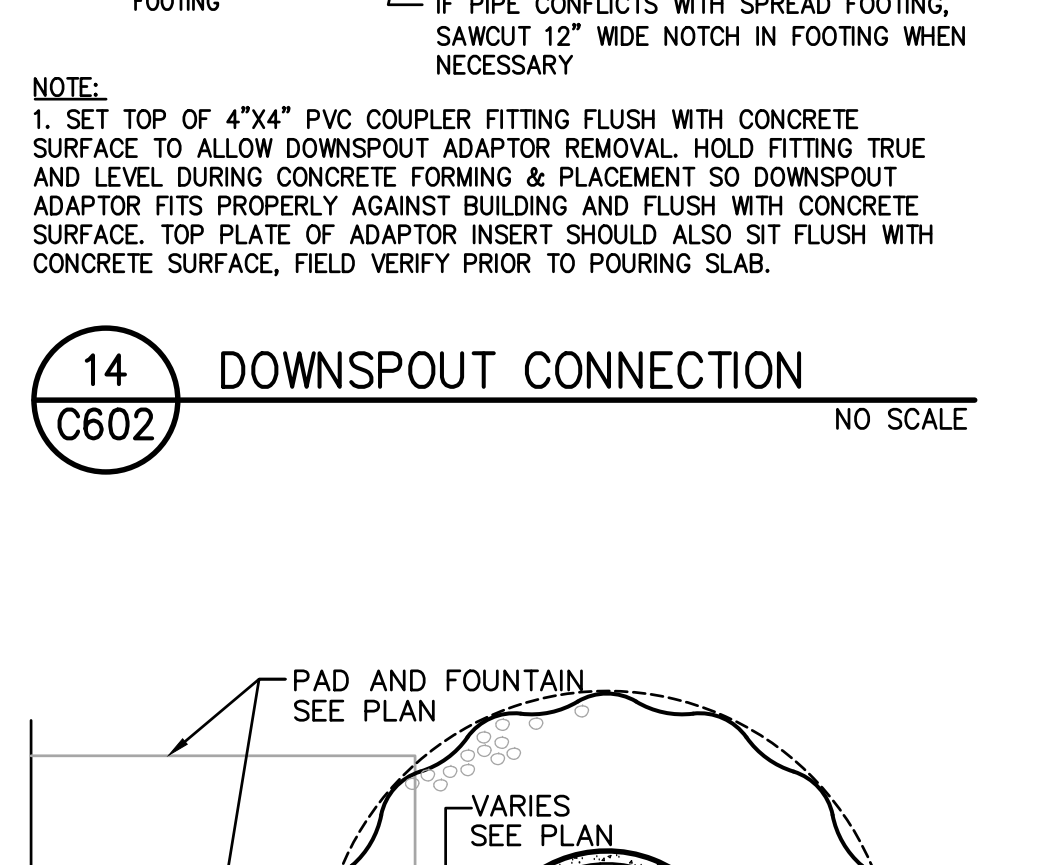


18 DRINKING FOUNTAIN
NO SCALE

- OPTIONAL ACCESSORIES TO PROVIDE:
- | | | | | |
|---|-----|-------------------------------------|----|-------------------------------------|
| SIDE JUG FILLER (NOT SAME AS BOTTLE FILLER) | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| FOOTWASH | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| WATER FILTER | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| PLAQUE | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| PET FOUNTAIN | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| RECESSED LOOKING HOSE BIB | YES | <input checked="" type="checkbox"/> | NO | <input type="checkbox"/> |
| BOWL SAND STRAINER | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| SEASONAL COVER | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| SIDE HOSE BIB | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| CUT OFF VALVE | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| FREEZE VALVE | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| SAFE STREAM BUBBLE HEAD | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| TEMPLATE 10 NS CARRIER | YES | <input checked="" type="checkbox"/> | NO | <input type="checkbox"/> |



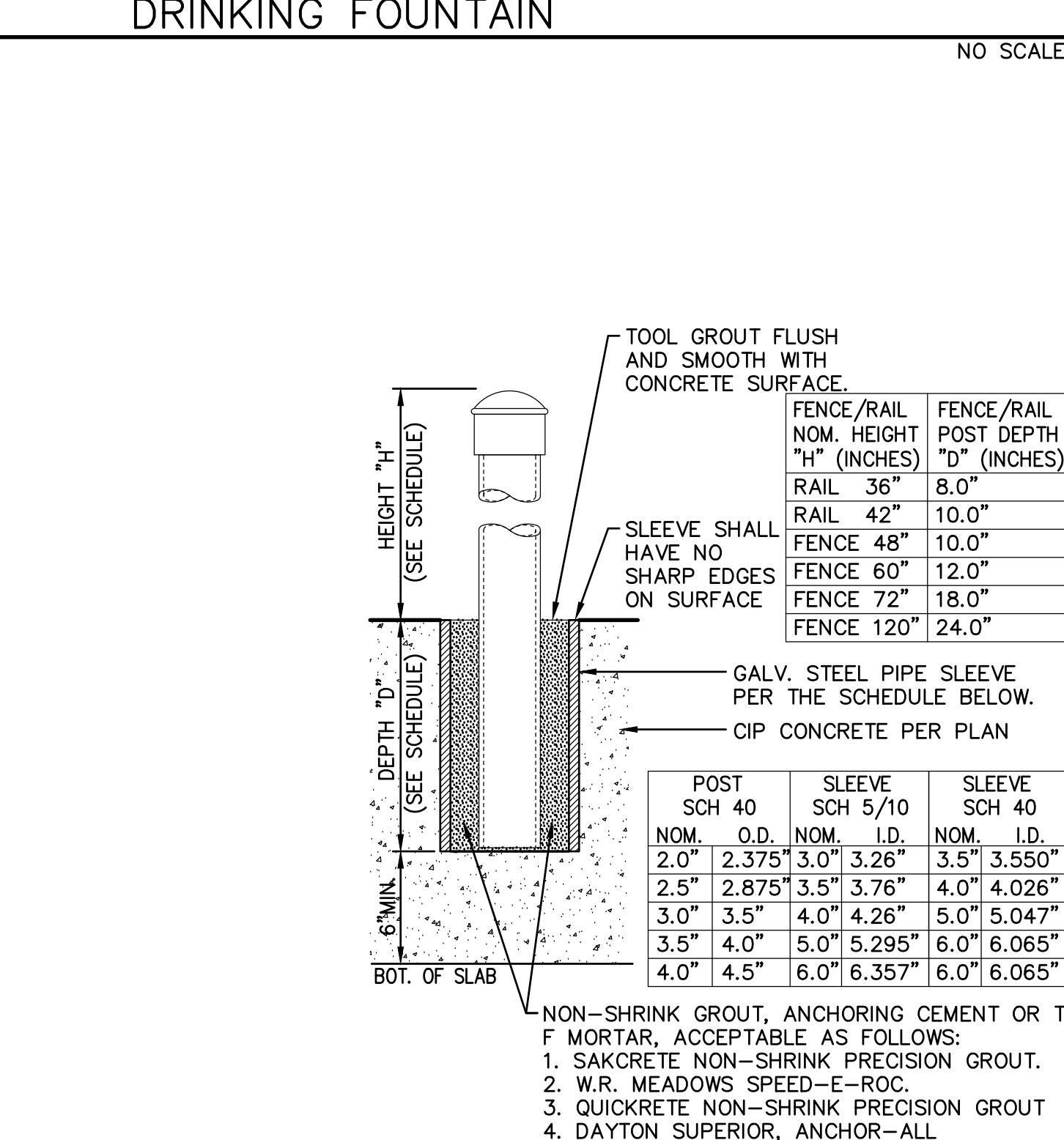
18 DRINKING FOUNTAIN
NO SCALE



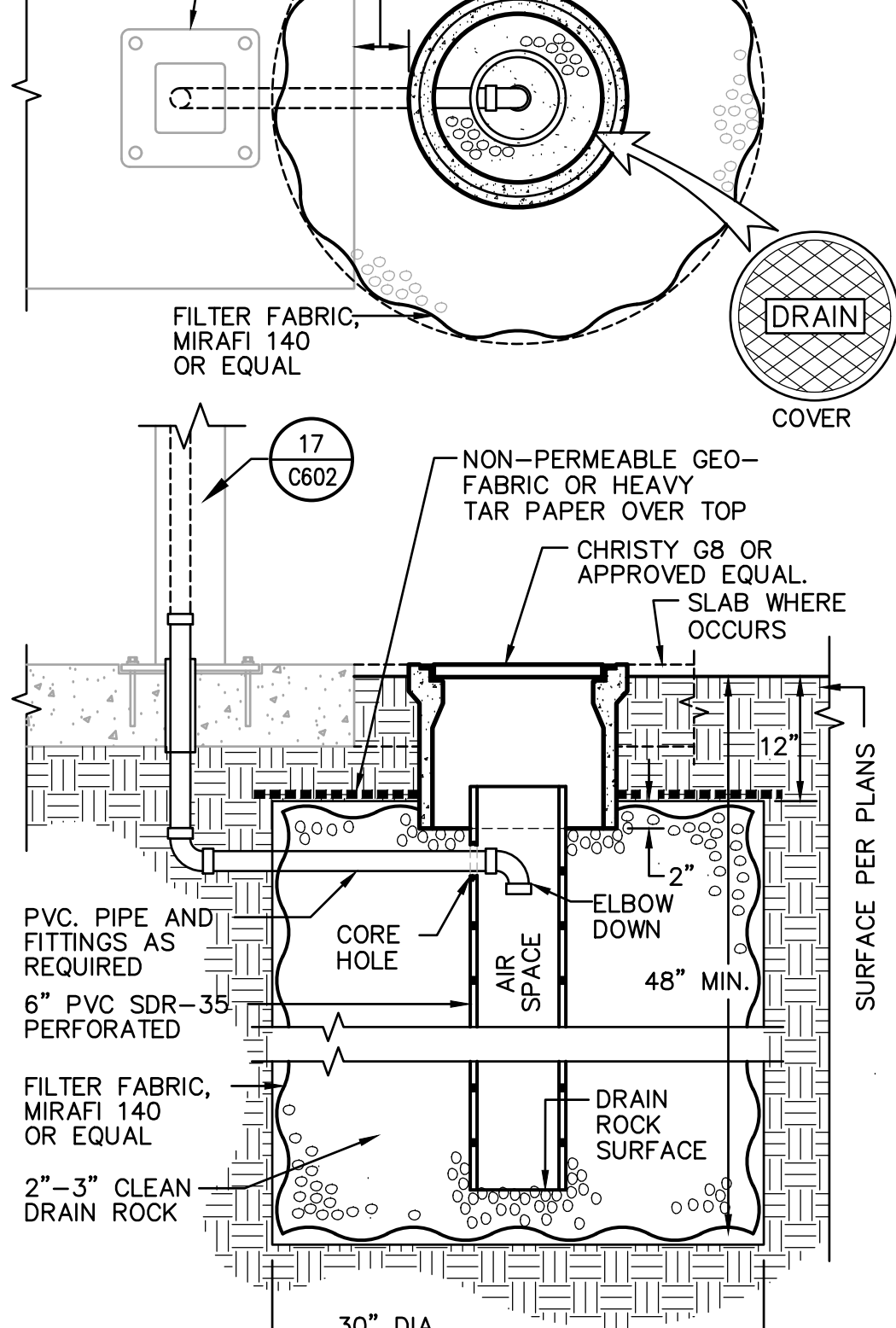
14 DOWNSPOUT CONNECTION
NO SCALE



17 HI-LO WITH BOTTLE FILLER
NO SCALE



18 POST SLEEVE DETAIL
NO SCALE



15 FOUNTAIN DRYWELL
NO SCALE

12 STORM DRAIN MANHOLE
NO SCALE

8 FLOOR DRAIN
NO SCALE

4 SHALLOW STORM TRENCH
NO SCALE

DIVISION OF THE STATE ARCHITECT

CENTER HIGH SCHOOL MODERNIZATION
 3111 Center Court Lane
 Antelope, CA 95844
 Center Joint Unified School District



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 916.329.4000

ARCHITECT

NO.	DESCRIPTION	DATE
01	CONCEPTUAL DESIGN SET	06/04/18
02	50% SD	07/16/18
03	100% SD	08/03/18
04	100% DD	10/11/18
05	30% CD	01/14/19
06	95% CD	02/08/19
07	DSA SUBMITTAL SET	03/29/19
08	DSA APPROVAL SET	11/08/19

DATE:
 JOB NO.: Y1826.00
 SHEET TITLE

PAVING PLAN

SHEET NO.

C602

SECTION 32 33 00

SITE FURNISHINGS

PART 1 – GENERAL

1.01 SUMMARY

Furnish all labor, materials, miscellaneous hardware, foundations, miscellaneous appurtenances, facilities, transportation and services required for installation of all site furnishings and related work as shown on the Drawings and/or specified herein.

- A. Scope of work:
The general extent of work contained in this section is shown on the drawings and can include, but may not be limited to, installation of the following:
1. Basketball Hoop.
 2. Basketball Net.
 3. Volleyball Standard.
 4. Volleyball Net.

1.02 REFERENCES AND REGULATORY REQUIREMENTS

- A. State of California Department of Transportation Standard Specifications, current edition.

1.03 SUBMITTALS

- A. Product Data: Submit catalog "cut sheets" of all materials and equipment proposed to be furnished and/or installed under this portion of the work. Include the manufacturer and distributor name, sub-contractor as applicable. Ensure that the "cut sheets" clearly describe the specific product by catalog number and that additional non-specified products that may appear on the same "cut sheet" are crossed out where applicable.
- B. Samples: Submit samples of colors and finishes for all applicable products and furnishings for selection by District's Representative.
- C. Shop Drawings: Submit complete shop drawings for all materials or furnishings requiring field or shop fabrication.

1.04 QUALITY ASSURANCE

- A. Review: All equipment shall be reviewed for conformance with the intent of the Contract Documents and accepted by the contractor prior to installation. All site furnishings shall be in a new, "first-class" condition, per the discretion of the District's Representative, prior to Final Acceptance.

1.05 DELIVERY, STORAGE AND HANDLING

- A. The contractor is responsible for coordination of the delivery, acceptance, handling and storage of all site furnishings.
- B. Store and handle site furnishings as acceptable to the District's Representative and so that work or access of others is not impeded.

- C. The contractor shall protect all site furnishings from theft or damage at all times until such items have been accepted by the District.

PART 2 – PRODUCTS

2.01 SITE FURNISHINGS (May not be all inclusive)

- A. First Team, Inc.
- B. Porter.
- C. Or approved equal.

2.02 MANUFACTURED UNITS

	<u>Description</u>	<u>Manufacturer</u>	<u>Model #</u>	<u>Finish/Color</u>	<u>Distributor/Contact</u>
A.	Volleyball Net	First Team, Inc.	Basic 3-1/2 inch Aluminum Volleyball Net System #A25-912	Powder coated	Anthem Sports Tel: (800) 688-6709
B.	Volleyball Ground Sleeve	First Team, Inc.	Hinged Multisport Floor Socket #A25-205	Chrome	Anthem Sports Tel: (800) 688-6709
C.	Basketball Hoop	Porter	Double Rim Playground Goal #00202H00	Painted	B.T. Mancini Tel: (408)942-7900
D.	Nylon Basketball Net	Porter	Nylon Net #09608000	White	B.T. Mancini Tel: (408)942-7900

Note: Alternate products may be submitted as substitution requests. However, it is the Contractor's responsibility to prove that it is an "or equal" product, and the District Representative shall be the final authority.

PART 3 – EXECUTION

3.01 SEQUENCING AND SCHEDULING

- A. Coordinate construction timing of installation of site furnishings in conformance with all other pertinent work.
- B. Concrete footings shall conform to DSA Approved Drawings.

3.02 INSTALLATION

- A. Concrete Footings: Install as shown in Drawings unless noted otherwise.
- B. Equipment: Conform to layout shown on Drawings. Erect in strict conformance with Details, accepted Shop Drawings, and manufacturer's instructions.






3.03 FIELD QUALITY CONTROL

- A. All site furnishings shall be inspected and accepted upon delivery by the Contractor. Final acceptance of site furnishings and locations of site furnishings shall be per the discretion of the District's Representative.

[END OF SECTION 32 33 00]

EXHIBIT B - Site Logistics Plan

LEGEND: Center HS Mod

-  LAY DOWN AREA
#1 is Primary
#2 is secondary/ Subcontractor Parking
-  ACCESS ROUTE
-  STUDENT CROSSING
-  CONSTRUCTION ENTRANCE
-  TEMP. FENCING

