

COLLECTION SUMMARY - LEVEL 2

Dept ID	Shelves	Type	Type Mark	Millwork	Owner Provided
TEEN					
Teen Fiction (54 Required)	22	2 shelves - 11 Sections - Single-sided - 12'D	SH-1.2.11.12	No	Yes
Teen New Books (3 Required)	23	Reeves Shelf with Lip- 4ft	SH-1.4	No	Yes
Teen Nonfiction (6 Required)	6	24'D x 72'W x 36'H Curved	SH-9	No	Yes
Teen Nonfiction (6 Required)	6	24'D x 72'W x 36'H Curved	SH-9	No	Yes
	57				
READING/STUDY					
Adult Collection: Fiction (396 Required)	16	Adult Display of Level 2	DISPLAY-1	Yes	No
Adult Collection: Fiction (396 Required)	36	Display Table	DT-1	No	Yes
	52				
COLLECTIONS					
Adult Collection: Fiction (396 Required)	16	4 Shelves - 2 Sections Double - 21'D	SH-2.4.2.21	No	Yes
Adult Collection: Fiction (396 Required)	32	4 Shelves - 4 Sections Double - 21'D	SH-2.4.4.21	No	Yes
Adult Collection: Fiction (396 Required)	280	4 Shelves - 5 Sections Double - 21'D	SH-2.4.5.21	No	Yes
Adult Collection: Graphic Novels (20 Required)	25	5 shelves - 5 Sections - Single-sided - 12'D	SH-1.5.5.12	No	Yes
Adult Collection: Languages/ESOL (12 Required)	25	5 shelves - 5 Sections - Single-sided - 12'D	SH-1.5.5.12	No	Yes
Adult Collection: Non-Fiction (500 Required)	35	5 shelves - 7 Sections - Single-sided - 12'D	SH-1.5.7.12	No	Yes
Adult Collection: Non-Fiction (500 Required)	48	4 Shelves - 2 Sections Double - 21'D	SH-2.4.2.21	No	Yes
Adult Collection: Non-Fiction (500 Required)	144	4 Shelves - 3 Sections Double - 21'D	SH-2.4.3.21	No	Yes
Adult Collection: Non-Fiction (500 Required)	224	4 Shelves - 4 Sections Double - 21'D	SH-2.4.4.21	No	Yes
Adult Collection: Non-Fiction (500 Required)	80	4 Shelves - 5 Sections Double - 21'D	SH-2.4.5.21	No	Yes
Adult Collection: Paperback Romance (28 Required)	24	4 Shelves - 3 Sections Double - 21'D	SH-2.4.3.21	No	Yes
Adult Collection: Periodical Display	108	Periodical Shelving	SSMX-2	No	Yes
BOCD (28 Required)	30	5 Slanted Shelves - 3 Sections Double - 21'D	SH-5	No	Yes
DVD (30 Required)	30	5 Slanted Shelves - 3 Sections Double - 21'D	SH-5	No	Yes
	1101				

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
1	07.05.2022	Addendum 1
2	07.08.2022	Addendum 2

PROJECT NAME :
CML REYNOLDSBURG
 1402 BRICE ROAD
 REYNOLDSBURG, OHIO 43068

100% Construction Documents, Issued for Bidding and Permit

ISSUE DATE : 06.10.2022

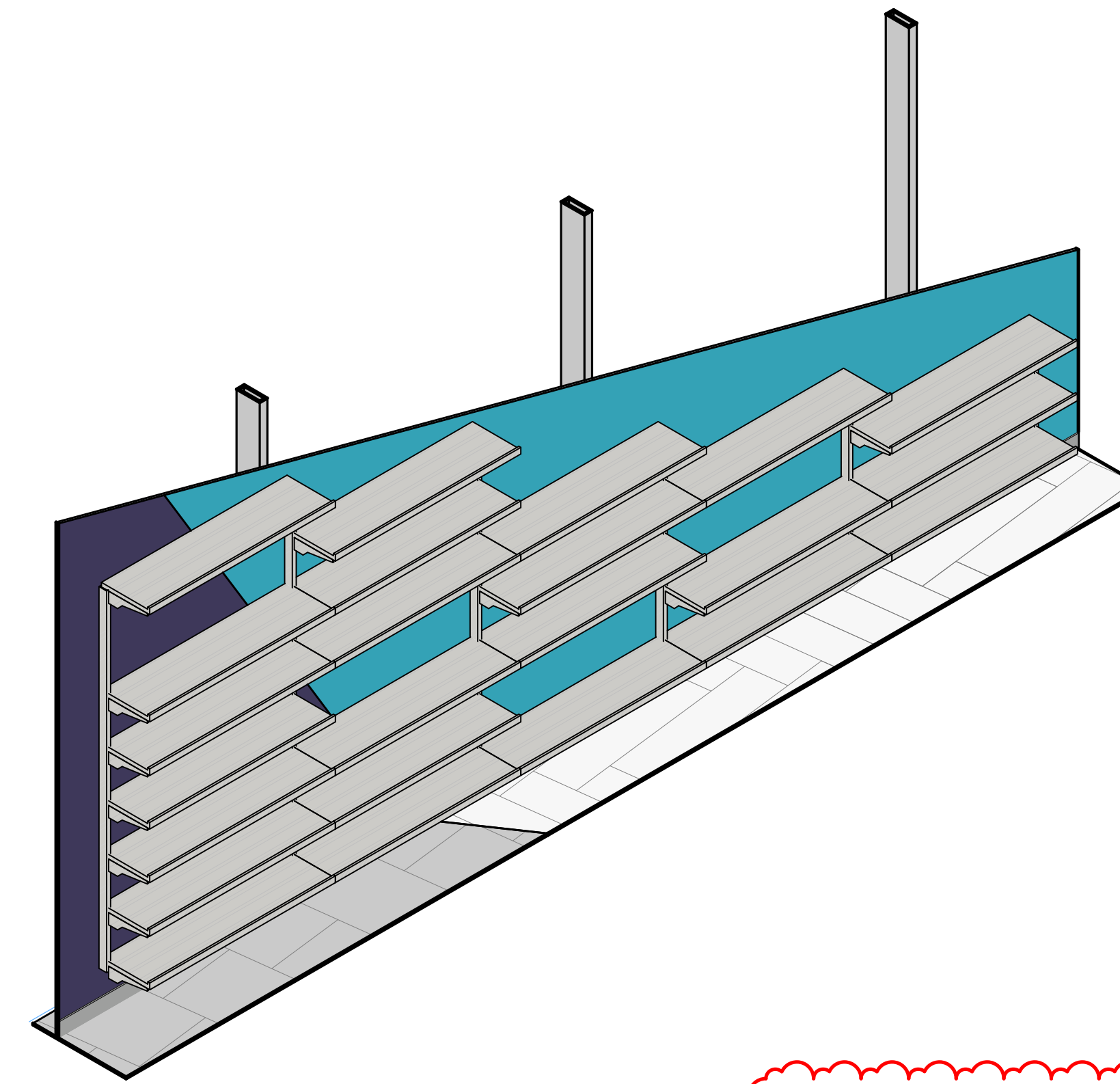


Jonathan Barnes
 ARCHITECTURE and DESIGN
 243 N 5th Street, Suite 200
 Columbus, OH 43215
 614.228.7311
 www.jbabn.com

EXP. 12-31-2022

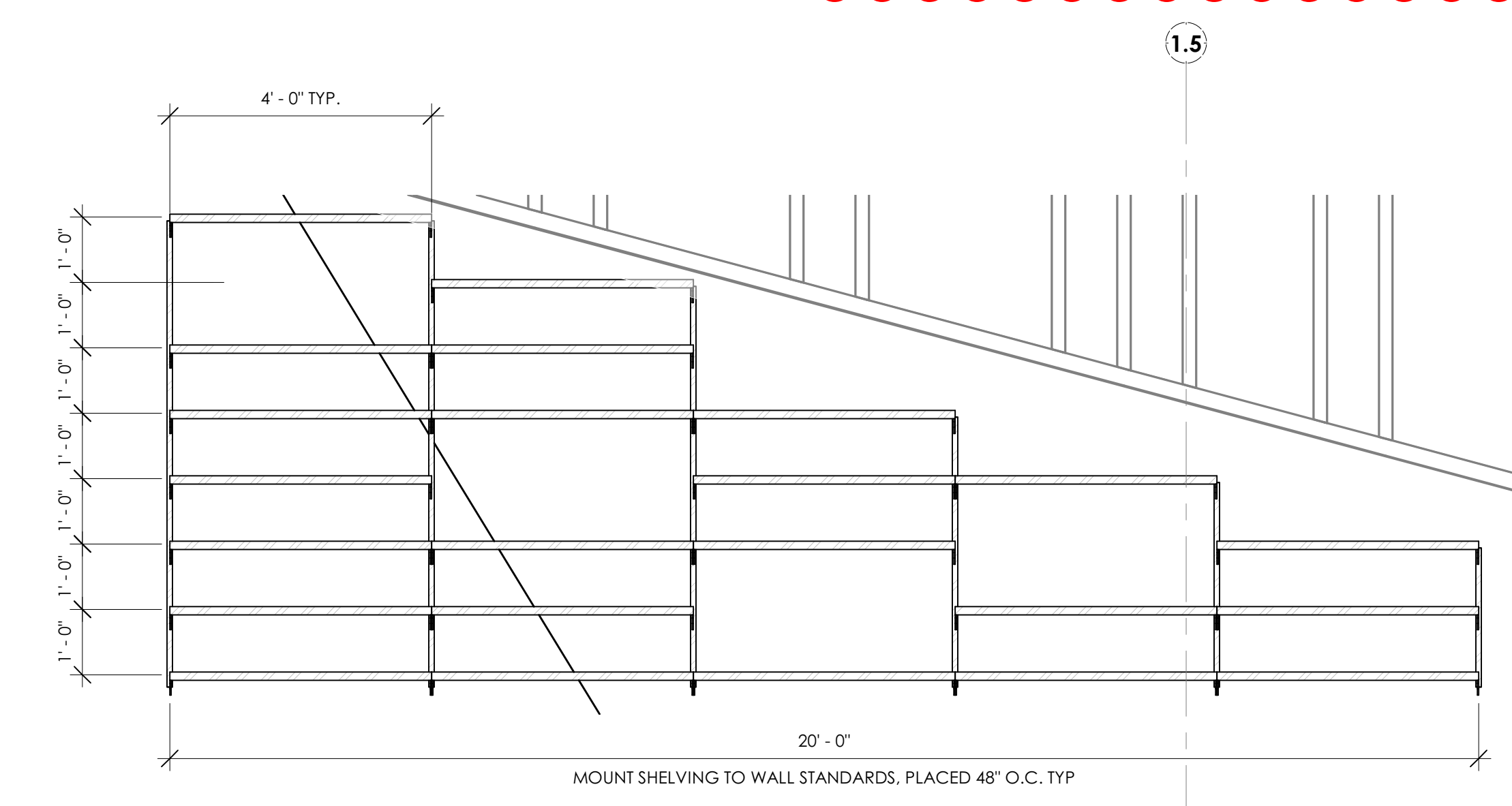
LEVEL 2 FURNISHINGS PLAN

A7.02

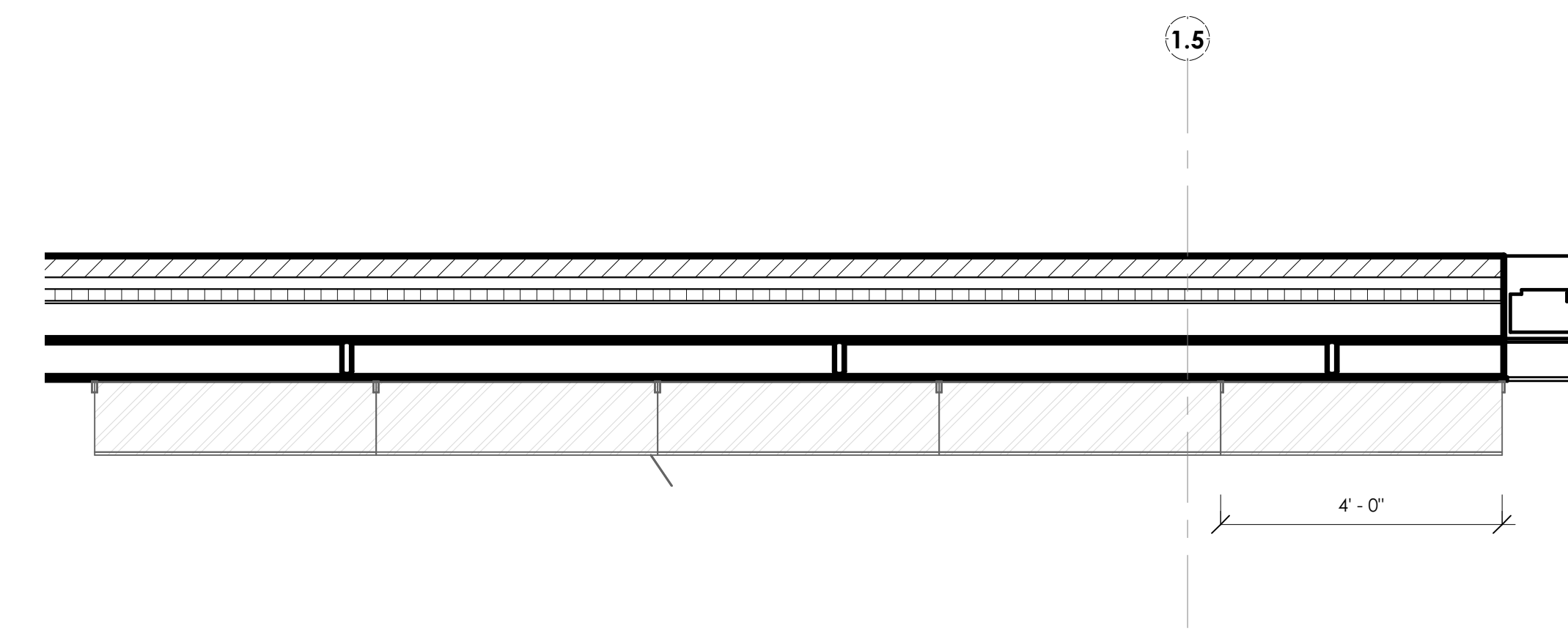


3 Axon_Teen Shelving West
Ai1.01

Ai1.00 is a furniture drawing N.I.C. in base bid. Being provided for info only to understand in wall blocking requirements



2 ELEVATION-TEENS WEST SHELVING
Ai1.01
1/2" = 1'-0"



1 PLAN-TEEN SHELVING WEST
Ai1.01
1/2" = 1'-0"

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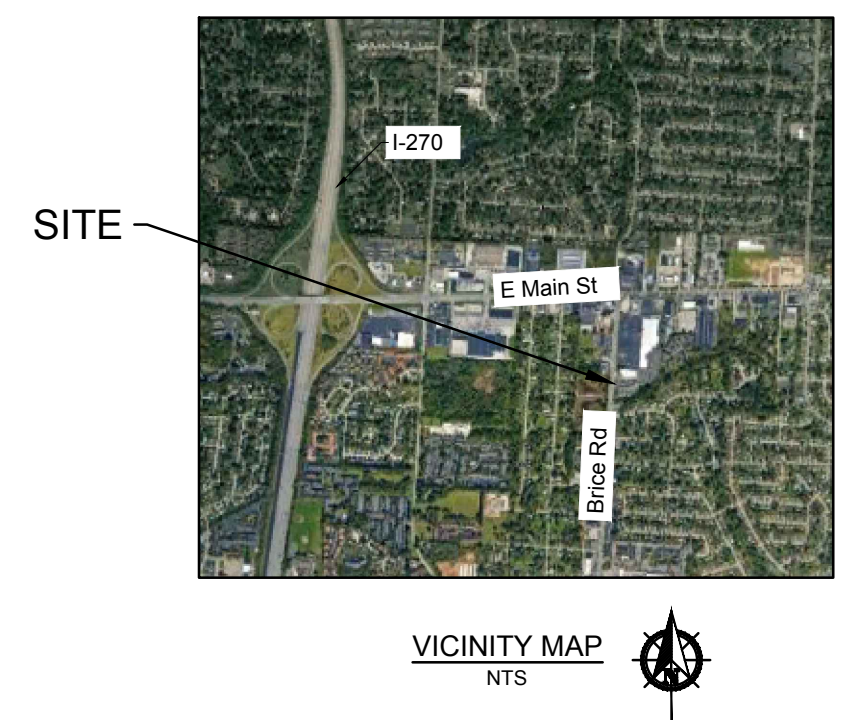
EXP. 12-31-2022

FURNITURE SECTIONS AND DETAILS

Ai1.01

SHEET INDEX LIST	
SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	GENERAL NOTES
3	GENERAL NOTES & DETAILS
4	GENERAL DETAILS
5	EXISTING CONDITIONS & DEMOLITION PLAN
6	SITE PLAN
7	UTILITY PLAN
8	STORM PROFILES
9	GRADING & EROSION CONTROL PLAN
10	DRIVE DETAILS
11	EROSION CONTROL NOTES
12	EROSION CONTROL DETAILS

CONSTRUCTION DOCUMENTS FOR
COLUMBUS METROPOLITAN LIBRARY
 1402 BRICE RD
 REYNOLDSBURG, OHIO 43068



SITE DATA

ZONING:
 PROPERTY OWNER: COLUMBUS METROPOLITAN LIBRARY BOARD OF TRUSTEES
 PARCEL ID: 060-001253; 060-001254; 060-001153; 060-001154; 060-001155; 060-001156; 060-001157
 PROPOSED USE: PUBLIC LIBRARY
 TOTAL SITE ACREAGE: 6.28 ACRES
 TOTAL DISTURBED AREA: 3.91 ACRES
 EXISTING ZONING: BRICE AND MAIN DISTRICT (BMD)
 PROPOSED ZONING: NO CHANGE
 FEMA FLOODPLAIN: 39049C0354K; 06/17/2008

SITE LAYOUT DATA:
 MINIMUM DRIVE AISLE WIDTH: 22'
 STANDARD PARKING STALL: 9'x18'
 ADA PARKING STALL: 8'x18'
 BUILDING SETBACK/BUFFER: 10' FRONT YARD SETBACK
 10' SIDE YARD SETBACK
 10' REAR YARD SETBACK

BUILDING DATA:
 TOTAL AREA: 37,500 SF
 BUILDING HEIGHT: 37'-0"
 STORIES: 2

PARKING DATA:
 1/200 SF REQUIRED FOR LIBRARY: 37,500 SF / 200 = 188 SPACES REQUIRED
 PARKING REDUCTIONS: 2 CARPOOL SPACES = 5% REDUCTION
 5 BICYCLE RACKS PROVIDED = 10% REDUCTION
 2 ELECTRIC VEHICLE CHARGING STATIONS = 5% REDUCTION
 TOTAL PARKING REQUIRED: 188 X 20% REDUCTIONS = 150 SPACES
 PROVIDED: 150 SPACES (INCLUDING 5 ADA SPACES)

LANDSCAPE DATA:
 EXISTING IMPERVIOUS AREA: 3.04 ACRES
 PROPOSED IMPERVIOUS AREA: 2.44 ACRES (106,287 SF)
 GREENSPACE: 1.47 ACRES
 LOT COVERAGE: 62%
 EQUIVALENT RESIDENTIAL UNITS (ERU): 106,287 SF / 2,530 SF = 42 ERUS

BASIS OF BEARING (NAVD88)
 ELEVATIONS WERE ESTABLISHED USING 45 MINUTE STATIC OBSERVATIONS UTILIZING GLOBAL POSITIONING SYSTEM (GPS) PROCEDURES. THE GPS DATA WAS SUBMITTED TO THE NATIONAL GEODETIC SURVEY'S (NGS) ONLINE POSITIONING USER SERVICE RAPID-STATIC (OPUS-RS) SYSTEM FOR PROCESSING. THE SYSTEM USES THE CONTINUALLY OPERATING REFERENCE STATIONS (CORS) TO ESTABLISH THE GEODETIC ELEVATION.

THE BASIS OF BEARINGS USED FOR THIS EXHIBIT ARE BASED ON THE NAD83 OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NSRS 2007) WHICH DETERMINES THE BEARING FOR A PORTION OF THE EASTERLY RIGHT-OF-WAY OF BRICE ROAD TO BE S04°28'52"W.

BENCHMARKS
 BM 1
 NORTHEAST CORNER OF CONCRETE LIGHT POLE BASE LOCATED ON THE EAST SIDE OF BRICE ROAD, APPROXIMATELY 25 FEET SOUTH OF SUBJECT SITE. SHOWN ON BASE MAP AS "SITE BM #1"
 NORTHING = 710642.40
 EASTING = 1876267.15
 ELEVATION = 837.69

BM 2
 TOP FLANGE BOLT OF FIRE HYDRANT LOCATED ON THE EAST SIDE OF BRICE ROAD, APPROXIMATELY IN THE MIDDLE OF SUBJECT SITE. SHOWN ON BASE MAP AS "SITE BM #2"
 NORTHING = 710908.95
 EASTING = 1876286.24
 ELEVATION = 844.14

BM 3
 TOP FLANGE BOLT OF FIRE HYDRANT LOCATED NORTHEAST OF THE NORTH BUILDING, APPROXIMATELY IN THE MIDDLE OF SUBJECT SITE. SHOWN ON BASE MAP AS "SITE BM #3"
 NORTHING = 711079.72
 EASTING = 1876620.54
 ELEVATION = 856.46

UTILITY CONTACTS

AMERICAN ELECTRIC POWER (AEP)
 CONTACT: ROBERT COOPER
 PHONE: (614) 983-8854
 EMAIL: RDCOOPER@AEP.COM

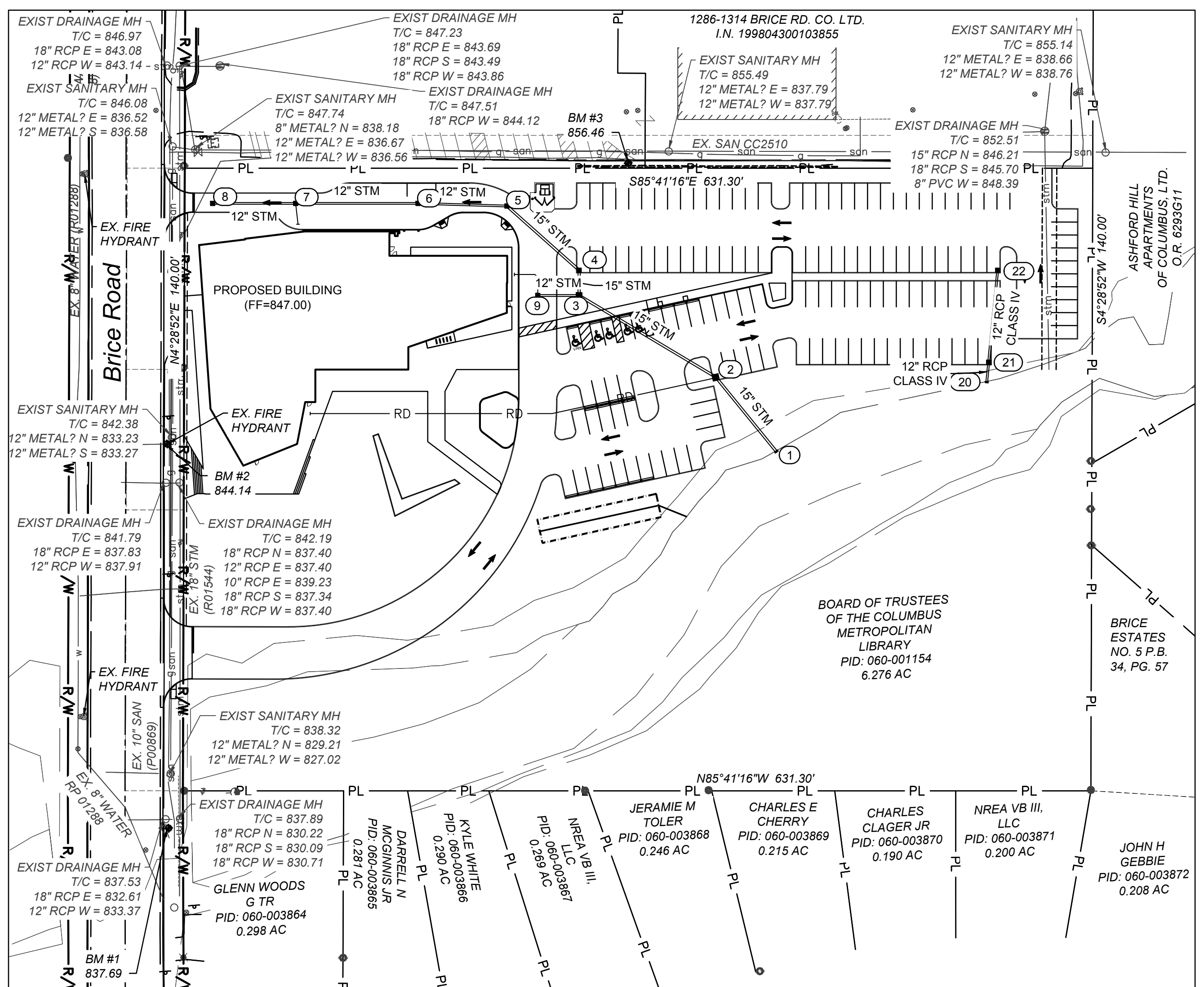
COLUMBIA GAS OF OHIO
 CONTACT: DONYEL GIBSON
 290 W NATIONWIDE BLVD, 3RD FLOOR
 COLUMBUS, OH 43215
 PHONE: (614) 460-5400 EXT 3028

CHARTER COMMUNICATIONS
 CONTACT: KEVIN D RICH
 PHONE: (614) 481-5263
 EMAIL: KEVIN.RICH@CHARTER.COM

CITY OF REYNOLDSBURG WATER/WASTEWATER
 CONTACT: PAUL HELLMAN
 PHONE: (614) 322-4503
 E-MAIL: PHELLMAN@REYNOLDSBURG.OV

CITY OF REYNOLDSBURG STREET
 CONTACT: KEITH KUNDTZ
 PHONE: (614) 322-5800
 EMAIL: KKUNDTZ@REYNOLDSBURG.OV

AT&T
 CONTACT: ROGER MIKESSEL
 PHONE: (614) 223-7162



ENGINEER
 AMERICAN STRUCTUREPOINT
 2550 CORPORATE EXCHANGE DRIVE, SUITE 300
 COLUMBUS, OHIO 43231
 CONTACT: GARRETT BAKER
 PHONE: 614-901-2235
 EMAIL: GBAKER@STRUCTUREPOINT.COM

LANDSCAPE ARCHITECT
 EDGE
 330 WEST SPRING STREET, SUITE 350
 CONTACT: DOUG BOYER
 PHONE: 614-486-3343
 EMAIL: DBOYER@EDGE.LA.COM

ARCHITECT
 JONATHAN BARNES ARCHITECTURE & DESIGN
 243 N 5TH STREET, SUITE 200
 COLUMBUS, OHIO 43215
 CONTACT: BENJAMIN ROBLES
 PHONE: 614-228-7311
 EMAIL: BPACHECOROBLES@JADADUSE.COM

ARCHITECT
 GUND PARTNERSHIP
 47 THORNDIKE STREET
 CAMBRIDGE, MASSACHUSETTS
 CONTACT: SARAH LUTZE
 PHONE: 617-250-6800
 EMAIL: SARAH.L@GUNDPARTNERSHIP.COM

BULLETIN #4
 10-07-2022

STANDARD DRAWINGS

MUNICIPALITY
 THE STANDARD CONSTRUCTION DRAWINGS LISTED ON THESE PLANS SHALL BE CONSIDERED A PART THEREOF.

REYNOLDSBURG:	WA-12	WA-13	WA-17	WA-26	WA-27
R-1	WA-9	R-10B	R-12	CITY OF COLUMBUS:	1510
SA-1/ST-1	SA-2/ST-2	SA-11	SA-12	ST-13	ST-14
WA-1	WA-3	WA-5	WA-6	WA-7	WA-8
AA-S150	AA-S150	AA-S169	AA-S169		

MUNICIPALITY
 SIGNATURES ON THIS PLAN SIGNIFY ONLY CONCURRENCE WITH THE PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

DIRECTOR OF PUBLIC SERVICE CITY OF REYNOLDSBURG, OH	DATE
CITY ENGINEER CITY OF REYNOLDSBURG, OH	DATE
SUPERINTENDENT OF WATER/WASTEWATER DIVISION CITY OF REYNOLDSBURG, OH	DATE
SUPERINTENDENT OF STREET DIVISION CITY OF REYNOLDSBURG, OH	DATE
CHIEF OF FIRE DEPARTMENT TRURO TOWNSHIP, OH	DATE
PLANNING & ZONING ADMINISTRATOR CITY OF REYNOLDSBURG, OH	DATE
FLOODPLAIN ADMINISTRATOR CITY OF REYNOLDSBURG, OH	DATE

REGISTERED ENGINEER
 GARRETT P. BAKER, E-86089, P.E.
 10/05/2022
 DATE

COLUMBUS METROPOLITAN LIBRARY

AMERICAN STRUCTUREPOINT INC.
 2550 Corporate Exchange Dr., Ste 300 | Columbus, Ohio 43231
 TEL: (614) 901-2235
 WWW.STRUCTUREPOINT.COM

CONSTRUCTION DOCUMENTS FOR
COLUMBUS METROPOLITAN LIBRARY
 COLUMBUS, FRANKLIN COUNTY, OHIO
TITLE SHEET

REVISIONS	DATE	DESCRIPTION

DATE:	10/5/2022
DRAWN BY:	HSR
CHECKED BY:	GPB
JOB NUMBER:	2018.02280

1/12

PLOT SCALE: 1" = 60' DATE: 9/23/22 - 1:27 PM EDITED BY: GBAKER DRAWING FILE: O:\2018\02280.D DRAWING\CONSTRUCTION DOCUMENTS\2018.02280.CETS.DWG



GENERAL NOTES

1. THE REQUIREMENTS OF THE CITY OF REYNOLDSBURG, TOGETHER WITH THE MOST CURRENT VERSION OF CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC) AND THE OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION (DOT CMS), INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THESE PLANS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.
3. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF REYNOLDSBURG AT LEAST SEVEN (7) DAYS PRIOR TO ANY CONSTRUCTION.
4. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTACT THE DEPARTMENT OF PUBLIC SERVICE (614.322.6810) AND THEIR DESIGNEE IDENTIFIED AT THE PRECONSTRUCTION MEETING TO SCHEDULE INSPECTION. THE CITY SHALL INSPECT THE FOLLOWING: ALL UNDERGROUND WATER, SEWER, AND STORM, DETENTION/RETENTION PONDS, GRADING, RETAINING WALLS, PAVEMENT IN CITY RIGHT-OF-WAY, ALL SIDEWALKS OR BIKE PATHS IN ANY PUBLIC RIGHT-OF-WAY, AND ANY OTHER ITEMS NOTED DURING REVIEW OR AT THE PRE-CONSTRUCTION MEETING. FINAL ACCEPTANCE MAY BE AFFECTED IF PROCEDURES ARE NOT FOLLOWED FOR PROPER INSPECTION.
5. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE CITY'S DESIGNEE FOR INSPECTION AND REQUEST A FINAL PUNCH-LIST INSPECTION OF THE SITE ONCE ALL ITEMS ON THE APPROVED PLANS HAVE BEEN COMPLETED.
6. THE CONTRACTOR AND SUBCONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR SUBCONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL CITY ORDINANCES AND STATE/FEDERAL LAWS.
7. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CITY ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR DEPTHS OF THE UNDERGROUND FACILITIES AS SHOWN ON THE PLANS OR NOT. CONTRACTOR MUST GIVE ADEQUATE NOTICE TO THE APPROPRIATE UTILITY COMPANY BEFORE ANY EXCAVATION NEAR A KNOWN UTILITY PER STATE LAW.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL CLEARANCES THAT EXIST PER THE APPROVED PLANS. THE CONTRACTOR SHALL CALL TOLL FREE, THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1- 800-362-2784 (OR 811) FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION AND SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES IN ACCORDANCE WITH SECTION 153.64 OF THE OHIO REVISED CODE.
9. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
10. WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO UNCOVER SUCH UTILITIES SUFFICIENTLY IN ADVANCE OF LAYING PIPE OR DUCT FOR THE ENGINEER OF RECORD TO DETERMINE THE EXACT ELEVATION AND MAKE ANY NECESSARY ADJUSTMENTS. THE CITY SHALL APPROVE PLAN UPDATES.
11. ALL MATERIALS INCLUDING BUT NOT LIMITED TO PIPING, APPURTENANCES, MANHOLES, GRAVEL, ETC. TO BE UTILIZED FOR DEDICATED PUBLIC UTILITIES OR ROADWAYS MUST BE APPROVED BY THE CITY. IN ADDITION, ALL CONCRETE PIPE, STORM, AND SANITARY SEWER STRUCTURES WILL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT SAID PIPE, STORM AND SANITARY STRUCTURES HAVE BEEN INSPECTED BY THE CITY OF COLUMBUS AND MEETS THEIR SPECIFICATIONS. PIPE OR STRUCTURES WITHOUT PROPER IDENTIFICATION WILL NOT BE PERMITTED FOR INSTALLATION.
12. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION PRIOR TO THE DAMAGE, AT THE CONTRACTOR'S OWN EXPENSE. ALL SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY. ANY DAMAGE TO OTHER UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE APPROPRIATE UTILITY COMPANY.
13. CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. ANY TREES OR SHRUBS NOT MARKED FOR REMOVAL THAT ARE DAMAGED BY THE CONTRACTOR WILL HAVE TO BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.
14. ANY PROPERTY CORNER PINS OR PERMANENT SURVEY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY A REGISTERED PROFESSIONAL SURVEYOR WITH THE STATE OF OHIO.
15. THE OPEN BURNING OF SITE-CLEANING DEBRIS, TRASH, ETC. IS PROHIBITED IN THE CITY.
16. ALL EARTHWORK OPERATIONS, ESPECIALLY PAVEMENT SUB-GRADE CONSTRUCTION, SHALL BE INSPECTED. ADDITIONALLY, ALL FINAL GRADES SHALL BE FIELD CHECKED BY BOTH THE CONTRACTOR AND THE INSPECTOR UPON COMPLETION OF CONTRACTOR'S OPERATIONS TO DETERMINE IF THE SITE HAS BEEN CONSTRUCTED TO THE GRADES INDICATED ON THE APPROVED PLANS.
17. OPEN CUTTING OF STREETS SHALL BE PROHIBITED UNLESS OTHERWISE AUTHORIZED BY THE DIRECTOR OF ENGINEERING OR THE SAFETY/SERVICE DIRECTOR.
18. UTILITY TRENCHES WITHIN A 1:1 INFLUENCE OF THE ROADWAY INCLUDING ALL POINTS TO WITHIN 3'-0" BEHIND THE CURB, ARE TO BE FILLED AND COMPACTED PER ITEM 912 OF THE COC CMS. UTILITY TRENCHES WITHIN THE RIGHT OF WAY BUT OUTSIDE THE ROADWAY INFLUENCE SHALL BE FILLED AND COMPACTED WITH SUITABLE NATIVE MATERIAL TO WITHIN 98% OF THE MAXIMUM DRY DENSITY PER ITEM 911 OF COC CMS. ALL OTHER TRENCHES ARE TO BE FILLED AND COMPACTED WITH NATIVE MATERIAL TO WITHIN 95% OF THE MAXIMUM DRY DENSITY.
19. STORM SEWERS, SANITARY SEWERS, AND WATER MAINS CONSTRUCTED IN FILL AREAS GREATER THAN 1'-0" SHALL BE CONSTRUCTED AFTER COMPACTED FILL HAS BEEN INSTALLED TO PROPOSED GRADE. THE STORM SEWERS, SANITARY SEWERS, AND WATER MAINS SHALL BE INSTALLED PER SPECIFIED TRENCH INSTALLATION DETAILS.
20. THE CONTRACTOR SHALL FURNISH AND MAINTAIN SANITARY CONVENIENCE FACILITIES FOR THE WORKMEN AND INSPECTORS FOR THE DURATION OF THE WORK.
21. ALL DRAIN TILE AND STORM SEWERS DAMAGED, DISTURBED, OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH THE SAME QUALITY PIPE OR BETTER, MAINTAINING THE SAME GRADIENT AS EXISTING. REPLACED DRAIN TILE SHALL BE LAID ON COMPACTED BEDDING EQUAL IN DENSITY TO SURROUNDING STRATUM. REPLACEMENT SHALL BE DONE AT THE TIME OF THE BACKFILL OPERATION.
22. THE FLOW IN ALL SEWERS, DRAINS, AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND WHENEVER SUCH WATERCOURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR AT HIS OWN COST AND EXPENSE.
23. ANY WELL, WELL POINT, PIT, OR OTHER DEVICE INSTALLED FOR THE PURPOSE OF LOWERING THE GROUNDWATER LEVEL TO FACILITATE CONSTRUCTION OF THIS PROJECT SHALL BE CAPPED AS REQUIRED BY APPLICABLE (FRANKLIN/LICKING/FAIRFIELD) COUNTY AND OHIO

DEPARTMENT OF PUBLIC HEALTH REQUIREMENTS AND OHIO ENVIRONMENTAL PROTECTION AGENCY, STANDARDS, AND SPECIFICATIONS.

24. NO NON-RUBBER Tired VEHICLES SHALL BE MOVED ON PUBLIC STREETS. EXCEPTION MAY BE GRANTED BY THE CITY OF REYNOLDSBURG WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES EXIST. GRANTING OF EXCEPTIONS MUST BE IN WRITING, AND DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY.

25. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER INSTALLATION (PRIOR TO THE START OF CONSTRUCTION), MAINTENANCE, AND REPLACEMENT OF SEDIMENT AND EROSION CONTROL MEASURES PER THE APPROVED SWPPP AND PER THE CURRENT OEPA GENERAL PERMIT FOR CONSTRUCTION STORMWATER REQUIREMENTS, UNDER WHICH THIS PROJECT HAS OBTAINED COVERAGE. THE CONTRACTOR WILL BE RESPONSIBLE FOR PAYING ANY FINE LEVIED BY THE OEPA RESULTING FROM FAILURE TO ADHERE TO THE SWPPP AND/OR THE REQUIREMENTS OF THE OEPA GENERAL PERMIT. THE CONTRACTOR MUST REGISTER AS A CO-PERMITTEE FOR THIS PROJECT (WITH THE OEPA) PRIOR TO THE COMMENCEMENT OF EARTH DISTURBING ACTIVITIES. THE CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED IN THE IMPLEMENTATION AND MAINTENANCE OF THE SWP3 MUST SIGN A CITY FORM ACKNOWLEDGING THEY HAVE REVIEWED AND UNDERSTAND THE CONDITIONS AND REQUIREMENTS OF THE SWP3 PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

GENERAL ROADWAY NOTES

1. ALL PAVEMENT SUB-GRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH CMSC ITEM 203, A SOILS REPORT, AND AS DIRECTED BY THE CITY. THE CITY WILL STRICTLY ADHERE TO THE COMPACTION REQUIREMENTS SET FORTH IN SECTION 203.12 OF THE CMSC AND BY ITEM 204, PROOF ROLLING. DENSITY TESTING MUST BE PERFORMED ON EACH LIFT OF FILL. AND THE SOILS ENGINEER PERFORMING THE TESTING MUST HAVE DETAILED LABORATORY TEST DATA ON SITE TO SUPPORT THE VALUES BEING UTILIZED IN THE DENSITY CALCULATIONS. THE MOISTURE CONTENT OF THE NEW FILL SHALL BE IN THE RANGE OF ± 2% OF THE OPTIMUM MOISTURE CONTENT DETERMINED BY ASTM D698. THE CITY RESERVES THE RIGHT TO REQUIRE DENSITY TESTING OF SUB-GRADE IN NEWLY CUT AREAS WHERE TOPSOIL HAS BEEN STRIPPED IN PREPARATION FOR SUB-BASE INSTALLATION OR FILLING OPERATIONS, IN ORDER TO EVALUATE THE NECESSITY FOR ADDITIONAL COMPACTION EFFORT.

2. ALL PAVEMENT JOINTS, PARTICULARLY WHERE A PROPOSED PAVEMENT ABUTS AN EXISTING PAVEMENT, AND ALL PAVEMENT JOINTS ABUTTING UTILITY STRUCTURES SUCH AS MANHOLES, CATCH BASINS, VALVE BOXES, ETC. MUST BE SEALED IN ACCORDANCE WITH CMSC ITEM 423 TYPE II.

3. PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS ARE SUBJECT TO THE BACKFILL REQUIREMENTS OF ITEM 912. IN LIEU OF COMPACTED GRANULAR MATERIAL, FLOWABLE CONTROLLED DENSITY FILL, ITEM 636 TYPE-LL MAY BE USED. PAVEMENT SHALL BE CONSTRUCTED TO MATCH THE EXISTING SECTION OR NINE INCHES OF ITEM 448 ASPHALT CONCRETE, WHICHEVER IS GREATER. AS AN OPTION, THE CONTRACTOR MAY CHOOSE TO INSTALL A 7" CLASS "C" CONCRETE BASE EXTENDING 1'-0" BEYOND EITHER EDGE OF THE EXCAVATION, WITH 2" OF ITEM 448 ASPHALT WEARING COURSE PLACED ON TOP.

4. STEEL PLATES SHALL BE POSITIONED AND SECURED IN PLACE WITH STEEL SPIKES AND COLD PATCH ASPHALT MIX OVER ALL TRENCHES THAT ARE LEFT OPEN ON A TEMPORARY BASIS AND SUBJECT TO TRAFFIC.

5. CITY STREETS ARE TO BE KEPT CLEAN AND FREE FROM MUD, STONE, DIRT, ETC. A STABILIZED CONSTRUCTION ENTRANCE AS SPECIFIED IN THE PLANS IS TO BE DILIGENTLY MAINTAINED AT ALL SITE ENTRANCES THROUGHOUT THE DAY. PROACTIVE MEASURES MUST BE TAKEN TO RESTORE THESE ITEMS IF INCREMENT WEATHER IS FORECASTED. IF THE ENTRANCE IS RENDERED INEFFECTIVE BY THE CITY, THE PROJECT WILL BE SHUT DOWN UNTIL A WASH STATION IS IMPLEMENTED AND/OR THE ENTRANCE IS MADE EFFECTIVE.

6. CONCRETE CURBS ARE TO BE BRANDED DURING PLACEMENT UTILIZING. BRAND CURBS ARE AS FOLLOWS:

- A. S - ON TOP OF CURB FOR SANITARY LATERAL LOCATIONS.
- B. W - ON FACE OF CURB FOR WATER SERVICE BOX LOCATIONS.
- C. WV - ON FACE OF CURB FOR HYDRANT WATCH VALVE LOCATIONS.
- D. WM - ON FACE OF CURB FOR WATER MAIN VALVE LOCATIONS.
- E. SM - ON FACE OF CURB FOR SANITARY/STORM MANHOLE LOCATIONS.
- F. BRANDS THAT ARE MISSED MUST BE MECHANICALLY GROUND INTO THE CURB AFTER THE CONCRETE IS SET.

7. MONUMENT BOXES SHALL BE INSTALLED AT LOCATIONS DESIGNATED ON THE PLAN BY A REGISTERED PROFESSIONAL SURVEYOR WITH THE STATE OF OHIO. BOXES SHALL BE NEENAH R-1968, TYPE 36-B OR EAST JORDAN IRON WORKS NO. 8371. MONUMENTS ARE TO BE SET IN A CONCRETE FILLED 24" DIAMETER CORED HOLE, FLUSH WITH THE TOP OF THE PAVEMENT.

8. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "OHIO MANUAL OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND MAINTENANCE OPERATIONS".

9. LANE RESTRICTIONS OR CLOSURES REQUIRED DURING CONSTRUCTION MUST BE APPROVED BY THE CITY (AND COUNTY/TOWNSHIP IF THEIR ROADS WILL BE USED FOR DETOUR) A MINIMUM OF TWO (2) WEEKS PRIOR TO ANY WORK BEING PERFORMED. OTHERWISE, TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES AND INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.

10. TACK COAT (CMSC ITEM 407) IS REQUIRED BETWEEN ALL LIFTS OF FLEXIBLE PAVEMENT, BETWEEN CONCRETE BASE AND ASPHALT SURFACE COURSE, AND ALONG THE CURB. THE TACK COAT APPLICATION MAY BE WAIVED AT THE DISCRETION OF THE INSPECTOR IF THE LIFTS OF ASPHALT ARE LAIN DOWN WITHIN SEVEN (7) DAYS OF EACH OTHER, THERE HAS BEEN NO WATER OR VEHICLE TRAFFIC ON THE PAVEMENT AND THE PAVEMENT IS CLEAN AND FREE OF DUST AND DEBRIS.

11. STANDARD ELECTRICAL SPECIFICATIONS AND STANDARD CONSTRUCTION DRAWINGS COVERING STREET LIGHTING FOR THE CITY OF COLUMBUS SHALL APPLY.

12. IN THE EVENT EXCAVATION FOR THE STREET IS FROM 0" - 6" BELOW THAT CALLED FOR ON THE PLANS, THE CONTRACTOR SHALL REPLACE THIS EXCAVATED MATERIAL WITH COMPACTED ITEM 304 CRUSHED AGGREGATE AS DIRECTED AND AT NO COST TO THE CITY.

13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADEQUATELY BARRICADE THE STREET IN THE VICINITY OF ALL EXPANSION JOINTS UNTIL SUCH TIME THE STREET IS OPEN TO TRAFFIC.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING THE GRADES OF THE GUTTERS WITH WATER, PRIOR TO FINAL ACCEPTANCE OF THE STREETS.

15. THE CONTRACTOR SHALL PROVIDE TWO ROOF DRAIN OPENINGS IN THE CURB FOR EACH LOT; EACH OPENING LOCATED NOT MORE THAN 4' IN FROM EACH LOT LINE.

16. ALL SIDEWALKS AND PATHWAYS IN ANY PUBLIC RIGHT-OF-WAY SHALL BE INSPECTED BY THE CITY.

GENERAL STORM SEWER NOTES

1. UNLESS OTHERWISE NOTED ON THE PLANS ALL STORM SEWERS SHALL BE AS HEREAFTER SPECIFIED: (1) ALL SIZES OF STORM SEWER LOCATED WITHIN OR ACROSS PROPOSED OR EXISTING PAVEMENT AREAS SHALL BE TYPE B CONDUIT, 706.02, WITH TYPE 2 BEDDING; (2) STORM SEWER LOCATED OUTSIDE PAVEMENT AREAS SHALL BE TYPE C CONDUIT, 706.01, TYPE 2 BEDDING, FOR 15" AND SMALLER AND SHALL BE TYPE C CONDUIT, 706.02, TYPE 2 BEDDING, FOR 18" AND LARGER. THE FOLLOWING MODIFICATIONS TO OHIO DEPARTMENT OF TRANSPORTATION SPECIFICATIONS SHALL APPLY: (1) GRANULAR BACKFILL MATERIAL SHALL BE AGGREGATE MEETING GRADATION OF ITEM 304, COMPACTED IN ACCORDANCE WITH ITEM 603.09, AND PLACED WITHIN LIMITS SHOWN ON THE PLAN INCLUDING AROUND ALL INLET STRUCTURES. GRANULAR BACKFILL SHALL EXTEND FROM THE BOTTOM OF THE TRENCH TO A PLANE 6" BELOW THE SUBGRADE.

2. FLEXIBLE STORM SEWERS (FOR PUBLIC STORM SEWER ONLY) WHEN APPROVED BY THE CITY ARE SUBJECT TO MANDREL TESTING AND/OR VIDEO INSPECTION AS DIRECTED BY THE CITY. TESTING SHALL BE PERFORMED NO SOONER THAN THIRTY (30) DAYS AFTER THE PIPE TRENCH HAS BEEN BACKFILLED AND ALL ROADWAY AND SITE FILLS OVER THE STORM LINES HAVE BEEN CONSTRUCTED. MAXIMUM DEFLECTION MUST NOT EXCEED 5% OF THE BASE INSIDE DIAMETER.

3. ALL STORM MANHOLES SHALL BE MARKED WITH A 4"x4"x 10'-0" PRESSURE TREATED WOODEN POST PROJECTING 4'-0" ABOVE THE FINISH GRADE AND WITH THE TOP 1'-0" PAINTED ORANGE ON 4 SIDES.

4. ALL MAJOR FLOOD ROUTES AND DETENTION BASINS ARE TO BE SURVEYED BY A REGISTERED PROFESSIONAL SURVEYOR IN THE STATE OF OHIO TO VERIFY CONFORMANCE TO THE APPROVED GRADING PLAN. COST OF THIS WORK SHALL BE AT THE EXPENSE OF THE OWNER/APPLICANT. CORRESPONDENCE FROM SAID REGISTERED PROFESSIONAL SURVEYOR SHALL BE PROVIDED TO THE CITY VERIFYING THAT BASINS AND FLOOD ROUTING IS PER PLAN.

5. ALL CATCH BASINS, MANHOLES, AND CURB INLETS SHALL HAVE CONCRETE CHANNELS POURED IN PLACE TO ASSURE POSITIVE DRAINAGE THROUGH THESE STRUCTURES.

6. PUBLIC STORM SEWER MANHOLE LIDS ARE TO BE PER THE REYNOLDSBURG STANDARD CONSTRUCTION DRAWING ST-7.

7. STORM SEWER CURB INLETS ARE TO BE ADJUSTED WITHIN 1/4" OF PLAN ELEVATION USING STEEL SHIMS.

8. PRE-CAST RINGS ARE TO BE USED FOR ALL FINAL ADJUSTMENTS OF MANHOLE CASTINGS. STORM MANHOLE TOP OF CASTINGS SHOULD BE SET AT 1-1/2" ABOVE FINISHED GRADE.

9. OPENINGS MUST BE PROVIDED IN DRAINAGE STRUCTURES TO ACCOMMODATE UNDERDRAIN OUTLETS. UNDERDRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH DETAILS PROVIDED IN THE APPROVED PLANS.

10. AN OPERATION AND MAINTENANCE PLAN FOR DETENTION/RETENTION FACILITIES SHALL BE PROVIDED TO THE SERVICE DEPARTMENT (614.322.6810) AT THE PRECONSTRUCTION MEETING. THE CITY WILL NOT ACCEPT RESPONSIBILITY OF MAINTENANCE FOR DETENTION/RETENTION OR OTHER DRAINAGE FACILITIES UNLESS OTHERWISE APPROVED.

GENERAL WATER NOTES

1. ALL WATER PIPE AND FITTINGS, AND METHODS OF CONSTRUCTION AND WORKMANSHIP FOR WATER LINES AND APPURTENANCES SHOWN ON THESE PLANS MUST CONFORM TO THE RULES AND REGULATIONS OF THE CITY OF REYNOLDSBURG AND COC, UNLESS THE REQUIREMENTS OF SUCH RULES AND REGULATIONS ARE UPGRADED BY THE FOLLOWING NOTES.

2. ANY ACTIVITY RELATED TO THE USAGE OF THE PUBLIC WATER SYSTEM MUST HAVE PRE-APPROVAL FROM THE CITY, WORK REQUIRING THE SHUTDOWN OF EXISTING WATER MAINS IS TO BE COORDINATED WITH THE WATER DEPARTMENT FORTY-EIGHT (48) HOURS PRIOR TO THE SCHEDULED WORK BEING PERFORMED. ALL AFFECTED CUSTOMERS SHALL BE NOTIFIED, IN WRITING, BY THE CONTRACTOR AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO SHUT DOWN. CITY APPROVAL OF NOTIFICATION IS REQUIRED PRIOR TO DISTRIBUTION.

3. ALL WATER MAINS 4" - 10" SHALL BE D.I., CL53, AWWA C-151, OR PVC AWWA C-900, CL-150. ALL WATER MAINS 12" OR LARGER SHALL BE D.I., CL54 OR NSF APPROVED. ALL BENDS, JOINT DEFLECTIONS AND FITTINGS SHALL BE BACKED WITH CONCRETE AS DETAILED AND AS DESIGNATED WHERE WATER MAINS OR SERVICES CROSS ROADWAYS, BACKFILL SHALL BE COMPACTED GRANULAR MATERIAL CONSISTENT WITH CMSC ITEM 801.11.

4. ALL WATER MAINS SHALL BE CONSTRUCTED AT A DEPTH OF 4.5 FEET, AS MEASURE FROM THE PROPOSED GRADE TO THE TOP OF PIPE OF THE WATER MAIN, UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER. IN CASE OF CONFLICT IN GRADE BETWEEN THE WATER LINE AND STORM SEWERS, THE WATER LINE SHALL BE LOWERED DURING CONSTRUCTION. WATER SERVICE TAPS SHALL NOT TO BE PLACED ON THE LOWERED SECTION OF THE WATER LINE. WATER SERVICE TAPS SHALL NOT BE PLACED WITHIN 10 FEET OF ANY PERMANENT STRUCTURE (I.E., FIRE HYDRANT, STORM SEWER INLET, ETC.).

5. POLY WRAP CONSISTENT WITH AWWA C-105 SHALL BE INCLUDED ON ALL PROPOSED DUCTILE IRON WATER MAINS AND HYDRANT LEADS.

6. ALL PIPING 2" OR LESS IN DIAMETER BETWEEN THE WATER MAIN AND THE CONTROL VALVE OR METER PIT MUST CONFORM IN ALL RESPECTS REYNOLDSBURG STANDARD CONSTRUCTION DRAWING WA-4. FITTINGS ARE NOT PERMITTED BETWEEN THE WATER MAIN CONNECTION AND THE CONTROL VALVE.

7. DEAD-END WATER LINES MUST TERMINATE WITH A GATE VALVE AND FIRE HYDRANT FOLLOWED BY A MAIN LINE VALVE AND AN ADDITIONAL SECTION OF WATER LINE PLUGGED AND BLOCKED. MAXIMUM LENGTHS ARE SUBJECT TO MODIFICATION BASED ON CITY REVIEW, AND MAY REQUIRE SUBMITTAL OF CALCULATIONS SHOWING ADEQUATE FIRE FLOW AND DAILY TURNOVER. REFER TO REYNOLDSBURG STANDARD DRAWING WA-16 FOR WATER SERVICE DETAILS AT A CUL-DE-SAC.

8. ALL MAIN LINE VALVES, HYDRANT WATCH VALVES, CURB BOXES, AND DEAD END LINES ARE TO BE MARKED WITH A 4" X 4" X 10'-0" POST WITH 4'-0" PROJECTING ABOVE THE FINISHED GRADE AND THE TOP 1'-0" PAINTED BLUE ON FOUR (4) SIDES.

9. IF THERE ARE ANY CONFLICTS IN GRADE BETWEEN WATER LINE AND GRAVITY SEWERS, THE WATER LINES SHALL BE LOWERED DURING CONSTRUCTION.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HORIZONTAL AND VERTICAL DEFLECTIONS OR BEND IN THE WATER LINE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DEFLECT WATER LINES TO PROVIDE 18 INCHES VERTICAL AND 10'-0" HORIZONTAL CLEARANCE FROM SANITARY AND STORM SEWERS.

11. ALL WATER SERVICE CONNECTIONS SHALL INCLUDE CORPORATION STOPS, SERVICE PIPE, AND EITHER CURB STOPS AND BOXES (FOR 2" AND SMALLER), GATE VALVE AND BOX (FOR 3" TO 8"), WHERE POSSIBLE, THE CURB STOPS AND BOX SHALL BE SET IN THE ROAD RIGHT-OF-WAY 6" FROM THE PROPERTY LINE.

12. ALL MECHANICAL FASTENERS, BOLTS, ALL THREAD ROD, ETC. ARE TO RECEIVE ONE (1) COAT OF RUST INHIBITIVE PAINT OR COATING.

13. IF THE TOP OF THE OPERATING NUT IS MORE THAN 48" INCHES BELOW FINISHED GRADE, AN EXTENSION STEM MUST BE FURNISHED TO BRING THE TOP OF THE OPERATING NUT TO WITHIN 36" OF FINISHED GRADE ELEVATION.

14. FIRE HYDRANTS SHALL CONFORM TO AWWA C502 AND SHALL BE MUELLER COMPANY

"CENTURION" 200, NO A-421, AMERICAN DARLING MARK 73, OR CLOW MEDALLION, FIRE HYDRANTS. THE HYDRANTS SHALL HAVE A 6-INCH MECHANICAL JOINT INLET CONNECTION, A 4 1/2- INCH MAIN VALVE OPENING, TWO 2 1/2-INCH HOSE NOZZLES, AND ONE 5-INCH STORTZ PUMPER NOZZLE. ALL SIDE NOZZLES SHALL HAVE NATIONAL STANDARD THREADS. HYDRANTS SHALL BE FURNISHED WITH A 5-FOOT BURY DEPTH UNLESS OTHERWISE SHOWN ON THE PLANS. HYDRANTS SHALL BE SELF-DRAINING. A DRAINAGE SUMP 2 FEET IN DIAMETER AND 2 FEET DEEP SHALL BE EXCAVATED BELOW EACH HYDRANT AND FILLED WITH COARSE GRAVEL OR STONE, COMPACTED IN PLACE, UNDER AND AROUND THE SHOE OF THE HYDRANT AND TO A LEVEL OF 6 INCHES ABOVE THE WASTE OPENING. NO DRAINAGE SUMP SHALL BE CONNECTED TO A SANITARY SEWER. A HYDRANT WRENCH SHALL BE FURNISHED WITH EACH PROJECT OR FOR EVERY TEN (10) HYDRANTS.

15. ALL NEW FIRE HYDRANTS SHALL BE PAINTED WITH TWO COATS OF ENAMEL PAINT (RUST-OLEUM® ACRYLIC FIRE HYDRANT ENAMEL, 5200 SERIES, OR CITY APPROVED EQUAL). PUBLIC HYDRANTS SHALL BE "SAFETY YELLOW" AND PRIVATE HYDRANTS SHALL BE "GLOSS WHITE" WITH A "MARLIN BLUE" BONNET.

16. ALL NEW MAIN LINE AND HYDRANT WATCH VALVES ARE TO BE DIRECTLY ANCHORED TO THE TEE AND BE ANCHOR TYPE FITTINGS.

17. FOR WATER SERVICE TAPS, THE WATER MAIN CONNECTION MUST BE MADE USING A MUELLER H15000, H15008 OR EQUAL CORPORATION STOPS. CONTROL VALVES MUST BE MUELLER H-15200, H15207, OR EQUAL VALVE CURB STOPS (QUARTER TURN ONLY). SEE REYNOLDSBURG STANDARD CONSTRUCTION DRAWING WA-4 FOR ADDITIONAL DETAILS.

18. REFER TO REYNOLDSBURG STANDARD CONSTRUCTION DRAWING WA-15 FOR TAPPING SLEEVES AND VALVES. NO DIRECT TAPS MUST BE MADE TO ANY ASBESTOS MAINS. 1 1/2" AND 2" WATER TAPS ARE TO BE DONE WITH A FORD STYLE FC-202. 3" AND 4" WATER TAPS MUST BE DONE WITH A FORD STYLE FS-202. 6" WATER TAPS AND LARGER MUST BE PERFORMED WITH A FORD FTSS TAPPING SLEEVE, A JCM 432 OR AN APPROVED EQUAL.

19. ALL GATE VALVES MUST BE DUCTILE IRON RESILIENT WEDGE 250 PSI AS MANUFACTURED BY AMERICAN FLOW CONTROL OR APPROVED EQUIVALENT WHICH MEETS OR EXCEEDS THE REQUIREMENTS OF ANSI/AWWA C509. CLOW VALVE COMPANY, MODEL NUMBER 2638 APPROVED FOR 16", 6" AND 8" MUST BE DUCTILE IRON AND EPOXY COATED.

20. VALVE BOXES ARE TO BE TYLER 6850 SERIES CAST IRON 2-PIECE SCREW TYPE FOR MAIN AND WATCH VALVES AND TYLER 6500 SERIES CAST IRON 2-PIECE SCREW TYPE SERVICE BOXES FOR CURB VALVES. STAR PIPE PRODUCTS 2-PIECE SCREW TYPE VALVE BOX ITEM CODE VB5645 39-50 OR APPROVED EQUAL. SEE REYNOLDSBURG STANDARD CONSTRUCTION DRAWING WA-9 FOR ADDITIONAL DETAILS.

21. WHERE AND AS SHOWN ON THE PLANS, THE WATER SERVICES SHALL BE EXTENDED FROM THE NORMAL LOCATIONS OF THE PERMANENT BOX AND CURB STOP SO ITS TERMINUS POINT WITH COPPER TYPE K AND A TEMPORARY BOX SET AT THE END OF THE EXTENSION.

22. WATER DISTRIBUTION SYSTEM IMPROVEMENTS MUST BE DESIGNED SUCH THAT THE WORKING PRESSURE SHOULD NOT BE LESS THAN 35 PSI DURING PEAK FLOW CONDITIONS, OR MINIMUM OF 20 PSI DURING PEAK FLOW PLUS FIRE FLOW CONDITIONS. INDIVIDUAL BOOSTER PUMPS FOR THE PURPOSE OF RAISING SUPPLY LINE PRESSURE WILL NOT BE PERMITTED.

23. ALL METERS SPECIFIED FOR THIS PROJECT WILL BE PROVIDED BY AND PURCHASED FROM THE CITY OF REYNOLDSBURG. CONTACT THE CITY OF REYNOLDSBURG WATER DEPARTMENT (614.322.4500) FOR ORDERING AND PRICING.

24. METER PITS, INCLUDING ALL PIPING, FITTINGS, EQUIPMENT, AND APPURTENANCES, MUST BE APPROVED BY THE CITY THROUGH A SCHEDULED FIELD INSPECTION DURING THE INSTALLATION. METER PITS UNABLE TO BE PROVIDED WITH A GRAVITY DRAIN MUST BE EQUIPPED WITH A SUMP PUMP. SEE REYNOLDSBURG STANDARD CONSTRUCTION DRAWING WA-29 FOR ADDITIONAL DETAILS.

25. A HYDROSTATIC TEST, AS REQUIRED IN SECTION 4 OF THE STANDARD AWWA SPECIFICATION C-600, SHALL BE APPLIED TO THE WHOLE OR INDIVIDUAL VALVED OFF SECTIONS OF THE MAINS AND FIRE HYDRANT LEADS, EITHER BEFORE OR AFTER THE TRENCH IS BACKFILLED, IN ACCORDANCE WITH SECTION 801.11 OF THE CITY OF REYNOLDSBURG GENERAL WATER MAIN SPECIFICATIONS.

26. ALL WATER MAINS 12" AND LARGER SHALL BE CLEANED BY PASSING A PROPERLY SIZED POLY PIG THROUGH THE PIPE. THE POLY PIG SHALL HAVE A MINIMUM DENSITY OF FIVE (5) POUNDS PER CUBIC FOOT, BE COATED WITH A DOUBLE SPIRAL WRAP WITHOUT WIRE BRUSHES OR SCRAPING TOOLS. APPROVED POLY PIGS INCLUDE: PIPELINE PIGGING PRODUCTS MODEL BA, GIRARD MODEL RCC, AND KNAPP MODEL 1-C.

27. THE CONTRACTOR SHALL PREPARE THE MAIN FOR THE INSERTION AND REMOVAL OF THE POLY PIG AT POINTS IDENTIFIED BY THE ENGINEER AS INSERTION PORTS. IF REQUIRED, AND EXIT PORTS. IN GENERAL, THIS WILL CONSIST OF PROVIDING ALL MATERIAL, EQUIPMENT, AND LABOR TO INSERT THE POLY PIG AND CONSTRUCT A SANITARY EXIT PORT. WHERE PRACTICAL, THE POLY PIG SHALL BE INSERTED INTO THE FIRST LENGTH OF PIPE DURING THE INITIAL INSTALLATION. AT THE EXIT PORT, THE CONTRACTOR SHALL PREVENT THE BACKFLOW OF PURGED WATER INTO THE MAIN BY THE TEMPORARY INSTALLATION OF MECHANICAL JOINT BENDS AND PIPE JOINTS TO PROVIDE A RISER OUT OF THE TRENCH. ON LARGER PIPE, ADDITIONAL EXCAVATION OF THE TRENCH MAY SERVE THE SAME PURPOSE. WHERE TRENCH IS USED, THE EXCAVATION SHALL BE LINED WITH POLYETHYLENE. PUMPS AND/OR DITCHES SHALL BE PROVIDED TO PREVENT CONTAMINATED WATER FROM REENTERING THE MAIN. AFTER THE MAIN IS CLEANED TO THE SATISFACTION OF THE CITY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY CONSTRUCTIONS AND COMPLETE ALL WORK NECESSARY TO SECURE THE SYSTEM PRIOR TO BACKFILLING INSERTION AND EXIT SITES. ADDITIONAL POLY PIG RUNS MAY BE REQUIRED BY THE ENGINEER WHEN WATER PURGED FROM THE MAIN INDICATES THE PRESENCE OF EXCESSIVE DIRT OR DEBRIS.

28. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO HAVE THE WATER MAINS CHLORINATED BY THE COC PER AWWA C-651. THE COST OF CHLORINATION IS THE RESPONSIBILITY OF THE CONTRACTOR

29. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND SPECIAL CONDITIONS OF THE OHIO EPA PLAN APPROVAL ISSUED TO THIS PROJECT.

COLUMBUS METROPOLITAN LIBRARY



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CONSTRUCTION DOCUMENTS
FOR
COLUMBUS METROPOLITAN LIBRARY
COLUMBUS, FRANKLIN COUNTY, OHIO
GENERAL NOTES

REVISIONS	DATE	SHEET NO.	DESCRIPTION

DATE:	10/5/2022
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CHECKED BY:	GPB
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GENERAL SANITARY NOTES

- ALL SANITARY SEWERS, MANHOLES AND SERVICES MUST BE TESTED. ALL SANITARY SEWERS MUST BE SUBJECT TO AND PASS THE INFILTRATION OR EXFILTRATION TEST PRIOR TO ACCEPTANCE, INCLUDING VACUUM TESTING OF MANHOLES. AIR TESTS ARE ACCEPTABLE TO THE CITY. LEAKAGE THROUGH THE JOINTS OF THE SEWER SHALL NOT EXCEED THE FOLLOWING ALLOWABLE LIMITS: 100 GALLONS PER INCH OF TRIBUTARY SEWER DIAMETER PER 24 HOURS PER MILE OF LENGTH OR THE COMPUTED EQUIVALENT FOR SHORTER LENGTHS AND SHORTER PERIODS OF TIME.
- CLEAN WATER CONNECTIONS PROHIBITED: ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED ON THIS PROJECT.
- THE MINIMUM REQUIREMENT FOR SEWER PIPE ON THIS PROJECT MUST BE SDR 35 (SDR-26 IF DEPTH EXCEEDS 20'). ASTM D3034 POLYVINYL CHLORIDE (PVC) SEWER PIPE WITH ASTM C1784 CELL CLASSIFICATION OF 12454 B OR 12454 C, ASTM F679 PVC SEWER PIPE WITH ASTM CELL CLASSIFICATION 12454, OR CCFRPM, ASTM D3262-TYPE 1, LINER 2, GRADE 3, STIFFNESS 72 PSI, UNLESS OTHERWISE SHOWN ON THE PLANS. PIPE MANUFACTURERS MUST BE ON THE CURRENT COC APPROVED LIST.
- PIPE FOR ALL 6" SANITARY SERVICES SHALL BE PVC PLASTIC SEWER PIPE, ASTM D-3034, SDR-35. SERVICES ARE SUBJECT TO THE INFILTRATION, EXFILTRATION, OR AIR TEST. ALL SERVICE EXTENSIONS SHALL BE LAID AT A MINIMUM GRADE OF 2.08% AND SHALL BE CONSTRUCTED AT THE TIME OF CONSTRUCTION OF THE MAIN SEWER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SANITARY SERVICE CONNECTIONS SHALL NOT BE CONNECTED TO THE SERVICES OR MAIN LINE SEWERS UNTIL FULL APPROVAL OF SAID SERVICES AND MAIN LINE SEWER HAS BEEN RECEIVED.
- ALL PVC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION, IN CONFORMANCE WITH THE REQUIREMENTS OF ITEM 901 OF THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT VERSION.
- PUBLIC SANITARY MANHOLE COVERS ARE TO BE CONSISTENT WITH REYNOLDSBURG STANDARD DRAWING SA-8.
- ALL SANITARY MANHOLES AND LATERAL SERVICES ARE TO BE MARKED WITH A 4"x4"x10'-0" PRESSURE TREATED WOOD POST WITH 4'-0" PROJECTING ABOVE THE FINISHED GRADE AND WITH THE TOP 1'-0" PAINTED GREEN ON 4 SIDES. ADDITIONALLY A 2"x2" HARDWOOD WYE POLE IS TO BE WIRED TO THE BASE OF EACH 4"x4" POLE AND EXTENDED DOWN TO THE END OF EACH LATERAL SERVICE. COST TO BE INCLUDED IN THE VARIOUS SEWER ITEMS.
- WHERE THE COVER TO FINISHED GRADE OVER A SANITARY WYE IS IN EXCESS OF 12'-0", A LENGTH OF RISER PIPE AND A 45° BEND MUST BE INSTALLED ALONG WITH A MINIMUM OF ONE WHOLE LENGTH OF 6" PIPE SUCH THAT THE END OF THE SERVICE WILL BE 10'-0" BELOW GRADE. ALL SANITARY LINES AND SERVICES ARE TO BE DESIGNED AND INSTALLED SO AS TO PROVIDE BASEMENT SERVICE. RISER EXTENSIONS SHALL BE A MINIMUM OF THREE (3) FEET IN LENGTH.
- WHERE THE SANITARY SEWER CROSSES UNDER A PROPOSED STORM SEWER OR WATERLINE THE TRENCH MUST BE BACKFILLED TO THE BOTTOM OF THE PROPOSED STORM SEWER OR WATERLINE WITH COMPACTED GRANULAR MATERIAL ITEM 912, FOR A LENGTH OF 10 LF CENTERED ON THE STORM SEWER OR WATERLINE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST VERIFY EXISTING TIE-IN MANHOLE FLOW LINE AND TOP-OF-CASTING ELEVATION. MANHOLES ARE TO BE BUILT OR ADJUSTED SO THE TOPS CONFORM TO THE ELEVATIONS SHOWN ON THESE PLANS.
- ALL PIPES MUST BE INSTALLED WITH STONE OR GRAVEL BEDDING AS SHOWN IN THE STANDARD CONSTRUCTION DRAWING R1-A.
- THE CONTRACTOR SHALL INSTALL A TEMPORARY BULKHEAD, WHERE DIRECTED ON THE PLANS, PRIOR TO CONSTRUCTION OF THE PROPOSED SANITARY SEWERS AND SHALL MAINTAIN SAME UNTIL SAID SEWERS ARE ACCEPTED BY THE ENGINEER.
- SANITARY LATERALS INSTALLED IN A COMMON TRENCH ARE TO BE INSTALLED WITH A MINIMUM 2'-0" CENTER TO CENTER SEPARATION OF PIPES IN A 4'-0" MINIMUM TRENCH WITH A 1'-0" MINIMUM BEDDING AROUND PIPES. PIPE ENDS ARE TO BE FLARED TO A MINIMUM 10'-0" CENTER TO CENTER SEPARATION OF PIPES AT 5'-0" FROM THE PROPERTY LINE.
- ALL PRECAST CONCRETE PRODUCTS SHALL BE INSPECTED AT THE LOCATION OF MANUFACTURE. APPROVED PRECAST PRODUCTS SHALL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT SAID PRODUCTS HAVE BEEN INSPECTED BY THE CITY OF COLUMBUS AND MEET THEIR SPECIFICATIONS. PRECAST CONCRETE PRODUCTS WITHOUT PROPER IDENTIFICATION OF INSPECTION WILL NOT BE PERMITTED FOR INSTALLATION.
- WHERE THE SANITARY SEWER CROSSES A PROPOSED OR EXISTING PAVEMENT, THE TRENCH SHALL BE BACKFILLED WITH GRANULAR MATERIAL MEETING THE GRADATION SET FORTH IN ITEM 304, AND COMPACTED IN ACCORDANCE WITH ITEM 603.09. FROM THE BOTTOM OF THE TRENCH TO A PLANE 6" BELOW THE SUBGRADE, THE LIMITS OF PLACEMENT SHALL BE FROM FIVE (5) FEET BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB TO FIVE (5) FEET BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB. ALL OTHER TRENCH BACKFILL SHALL BE COMPACTED TO A SOIL DENSITY AT LEAST EQUAL TO THAT OF THE ADJACENT UNDISTURBED SOIL IN THE AREA. GRANULAR MATERIAL SHALL BE USED ABOVE THE TOP OF THE PIPE TO A SUFFICIENT DEPTH TO ACHIEVE ADEQUATE COMPACTION WITHOUT CRUSHING THE PIPE.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND SPECIAL CONDITIONS OF THE OHIO EPA PERMIT TO INSTALL ISSUED FOR THE PROJECT.
- THE SANITARY SEWER MEETS OR EXCEEDS CITY OF COLUMBUS DESIGN STANDARDS (INCLUDING PER CAPITA FLOW, PEAKING FACTOR, AND III ALLOWANCE) AND MATERIAL SPECIFICATIONS. THE CONTRACTOR SHALL TELETYPE AND PROVIDE THE CITY OF REYNOLDSBURG IN A DVD FORMAT THE RECORDINGS DOCUMENTING THE CONDITION OF THE PIPE AFTER MANDREL TESTING. THESE RECORDING MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO ACCEPTANCE.

SANITARY MATERIAL AND TESTING SPECIFICATIONS

- ALL SANITARY SEWER LINES SHALL ADHERE TO ASTM D3034 FOR MATERIALS SPECIFICATIONS, ASTM D3212 FOR JOINT SPECIFICATIONS, AND ASTM D2321 FOR BEDDING CLASSIFICATIONS
- ALL SANITARY MANHOLES SHALL ADHERE TO ASTM C478 FOR MATERIAL SPECIFICATION AND ASTM C443 FOR JOINT SPECIFICATION
- ALL SANITARY SEWER LINES SHALL BE AIR TESTED FOR LEAKAGE IN ACCORDANCE WITH GLUMRB 33.9
- ALL SANITARY SEWER LINES SHALL BE TESTED FOR PIPE DEFLECTION IN ACCORDANCE WITH GLUMRB 33.85
- ALL SANITARY MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH GLUMRB 34.7

- EARTHWORK NOTES:**
- EXCAVATE AND REMOVE UNSUITABLE MATERIAL AS DEFINED IN THE GEOTECHNICAL ENGINEERING REPORT, OF WHICH SHALL BE CONSIDERED A PART OF THESE CONTRACT DOCUMENTS:
- STRIP AND STOCKPILE EXISTING TOPSOIL WITHIN GRADING/SEEDING LIMITS. FINAL STOCKPILE LOCATION TO BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER. SEED STOCKPILES IN ACCORDANCE WITH SPECIFICATIONS ON EROSION CONTROL PLAN. SEE SHEET 11. REFER TO GEOTECHNICAL REPORT FOR EXISTING TOPSOIL DEPTHS.
 - SUBSEQUENT TO TOPSOIL REMOVAL, BENEATH PAVEMENT AREAS AND PROPOSED BUILDING PAD, PROOF-ROLL EXPOSED SUBGRADE WITH A FULLY-LOADED, TANDEM-AXLE DUMP TRUCK (OR EQUIVALENT) TO IDENTIFY POTENTIAL UNSUITABLE AND UNSTABLE SUBGRADE AREAS. IN LOCATIONS WHERE PROOF-ROLLING HAS FAILED, SOILS SHALL BE DISKED, DRIED AND RECOMPACTED, OR UNDERCUT AND REPLACED WITH COMPACTED ENGINEERED FILL, OR OTHERWISE IMPROVED AS DETERMINED BY THE TESTING AGENCY. IN AREAS WHERE OVER EXCAVATION HAS BEEN CHOSEN TO IMPROVE SUBGRADE, STOCKPILE OVER EXCAVATED SOILS FOR REUSE AS ENGINEERED FILL OR AS GENERAL SITE FILL IN LANDSCAPING AREAS.

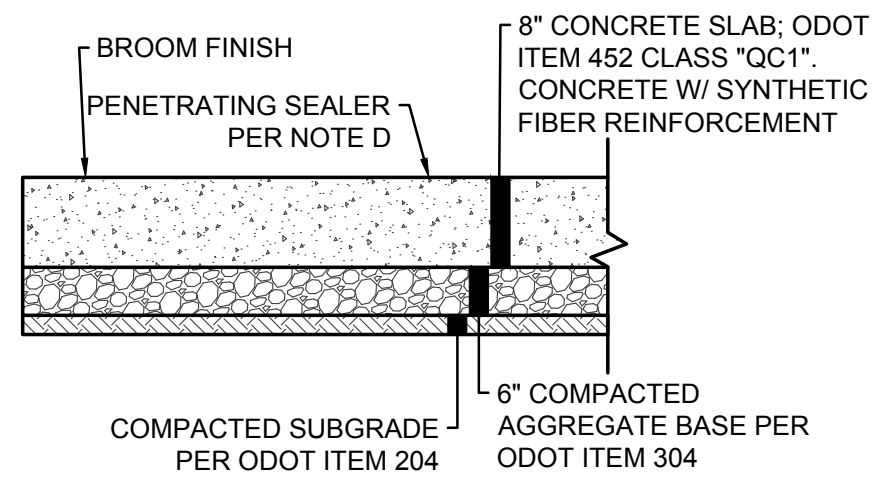
VERTICAL RESTRAINT JOINT (FIRE LOOP) - PSI

	FITTING TYPE	UPPER BAND RESTRAINT LENGTH (FT)	LOW SIDE DEPTH	LOWER BAND RESTRAINT LENGTH (FT)	THRUST (LBS)
8"	22.5° BEND	15	6	3	3,766
	45° BEND	31	6	6	7,386
	22.5° BEND	15	7	3	3,766
	45° BEND	31	7	6	7,386
	22.5° BEND	15	8	3	3,766
10"	45° BEND	31	8	5	7,386
	22.5° BEND	18	6	4	5,664
	45° BEND	37	6	8	11,110
	22.5° BEND	18	7	4	5,664
	45° BEND	37	7	7	11,110
12"	22.5° BEND	21	6	5	8,010
	45° BEND	44	6	9	15,712
	22.5° BEND	21	7	4	8,010
	45° BEND	44	7	8	15,712
	22.5° BEND	21	8	4	8,010
	45° BEND	44	8	8	15,712

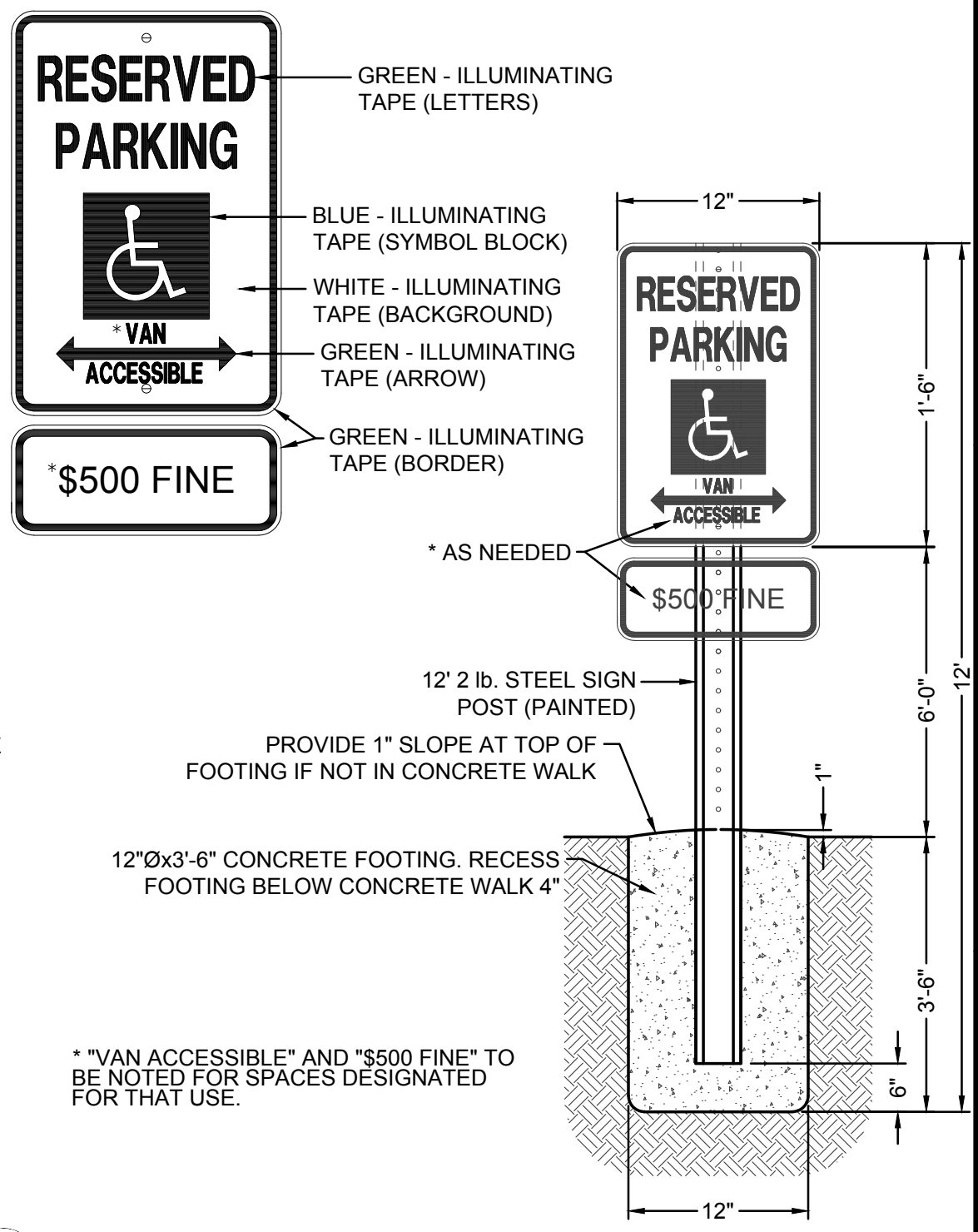
HORIZONTAL RESTRAINT JOINT (FIRE LOOP) - 150 PSI

	FITTING TYPE	RESTRAINT LENGTH (FT)	THRUST (LBS)
8"	22.5° BEND	4	3,766
	45° BEND	8	7,386
	90° BEND	19	13,647
10"	22.5° BEND	5	5,664
	45° BEND	9	11,110
	90° BEND	22	20,529
12"	22.5° BEND	6	8,010
	45° BEND	11	15,712
	90° BEND	26	29,031

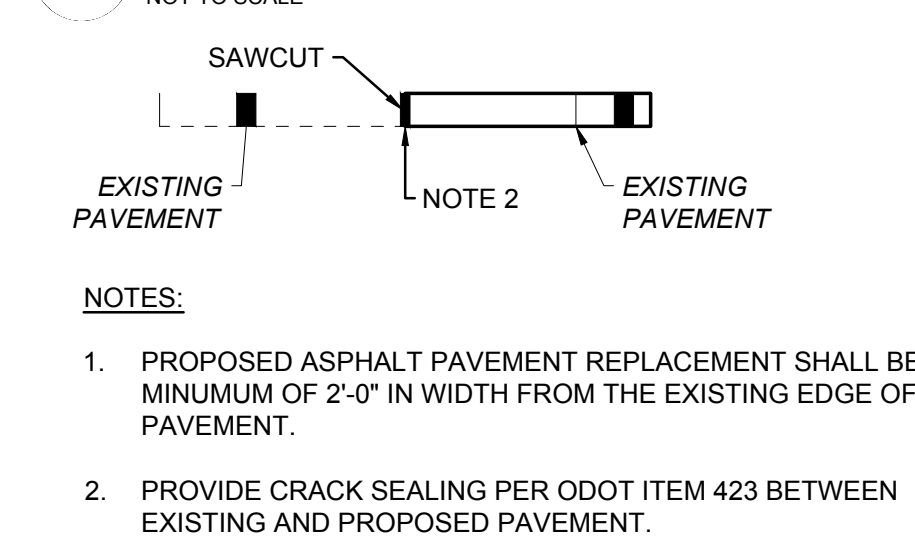
NOTE: PAVEMENT DESIGN IS NOT BASED ON A GEOTECHNICAL ENGINEERS RECOMMENDATION. AMERICAN STRUCTUREPOINT IS NOT RESPONSIBLE FOR PAVEMENT DESIGN.



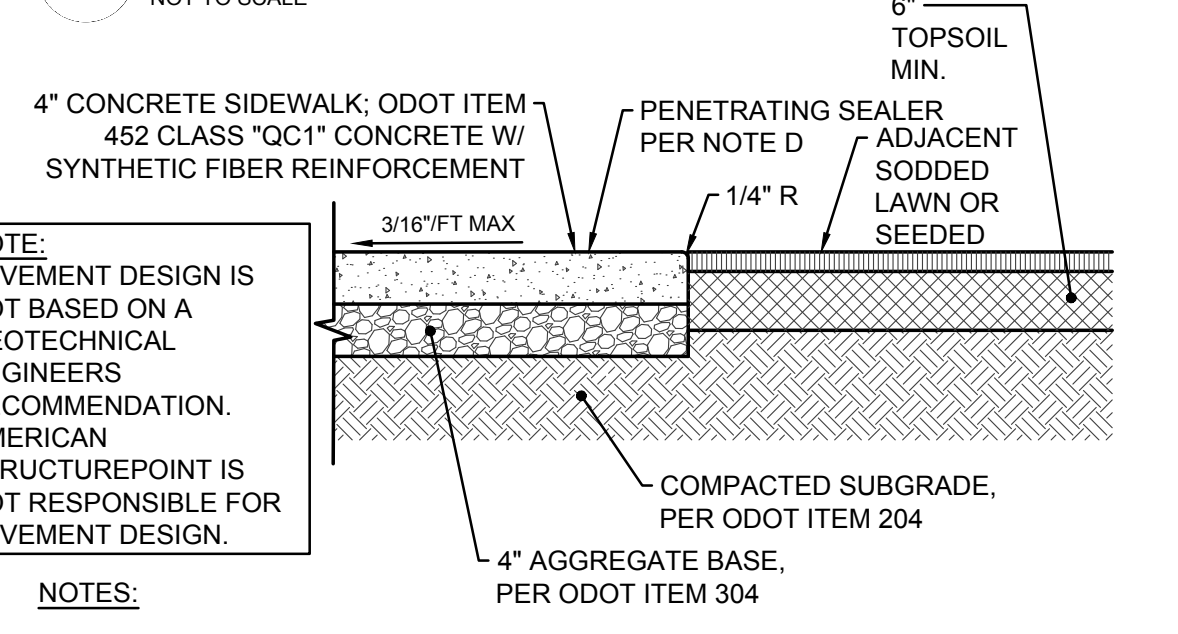
- NOTES:**
- PROVIDE PROPORTIONING REQUIREMENTS FOR PORTLAND CEMENT CONCRETE MIX DESIGNS, MIXING, AND CONTROLS PER ODOT ITEM 499.
 - SYNTHETIC FIBER REINFORCEMENT: ASTM C1116. ACCEPTABLE PRODUCTS INCLUDE, BUT ARE NOT LIMITED:
 - NYCON NYLON FIBERS
 - FORTA NYLO-MONO NYLON FIBERS
 - FIBERMESH FIBERMIX STEALTH POLYPROPYLENE FIBERS
 - GRACE POLYPROPYLENE FIBERS
 - TUFF STRAND OR APPROVED EQUAL
- SYNTHETIC FIBER REINFORCEMENT SHALL BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. DOSAGE RATE SHALL BE AS RECOMMENDED BY THE MANUFACTURER, BUT NOT LESS THAN 1 POUND PER CUBIC YARD.
- DISSIPATING CURING COMPOUND: COMPLY WITH ASTM C309, TYPE 1, CLASS A OR B (CLEAR), EXCEPT MOISTURE LOSS NOT TO EXCEED 0.40 KG/SQ M. IN 72 HOURS. COMPOUND SHALL COMPLY WITH EPA'S VOC REQUIREMENTS. APPLY AT THE MANUFACTURER'S WRITTEN RECOMMENDED APPLICATION RATE. COMPLETELY REMOVE CURING COMPOUND PRIOR TO THE APPLICATION OF PENETRATIONS SEALER.
 - PENETRATING SEALER: ACCEPTABLE PRODUCTS INCLUDE, BUT ARE NOT LIMITED TO:
 - L&M CONSTRUCTION CHEMICALS - AQUAPEL PLUS
 - PROSOCO - SALTGUARD WB
 - PROTECTOSIL - CHEM-TRETE 40 VOC
 - LYMTAL INTERNATIONAL - ISO-FLEX 618-50 WB
 - BASF - MASTER PROTECT H 400
 - TEX-COTE - RAINSTOPPER RS1500



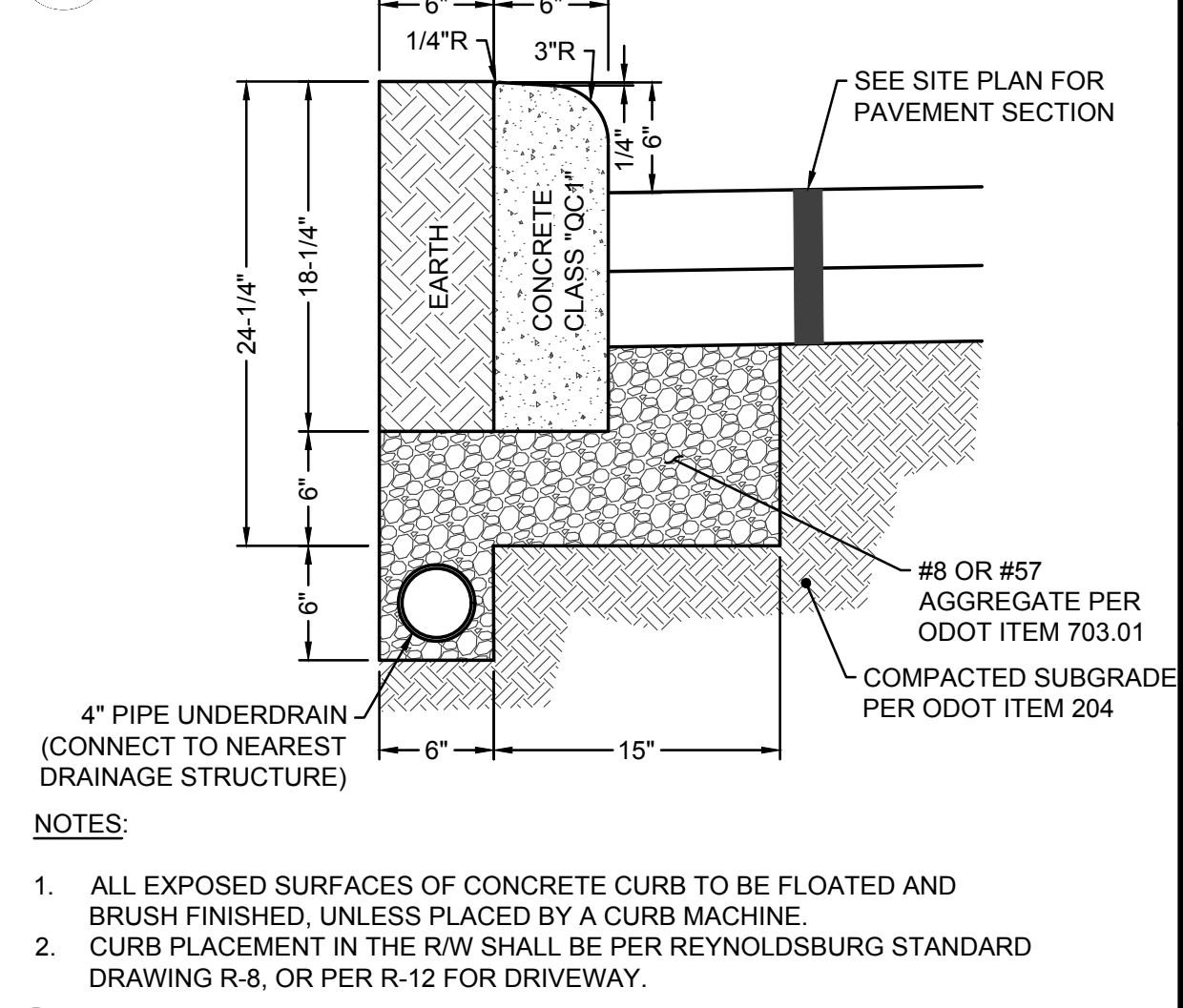
C HEAVY DUTY CONCRETE PAVEMENT



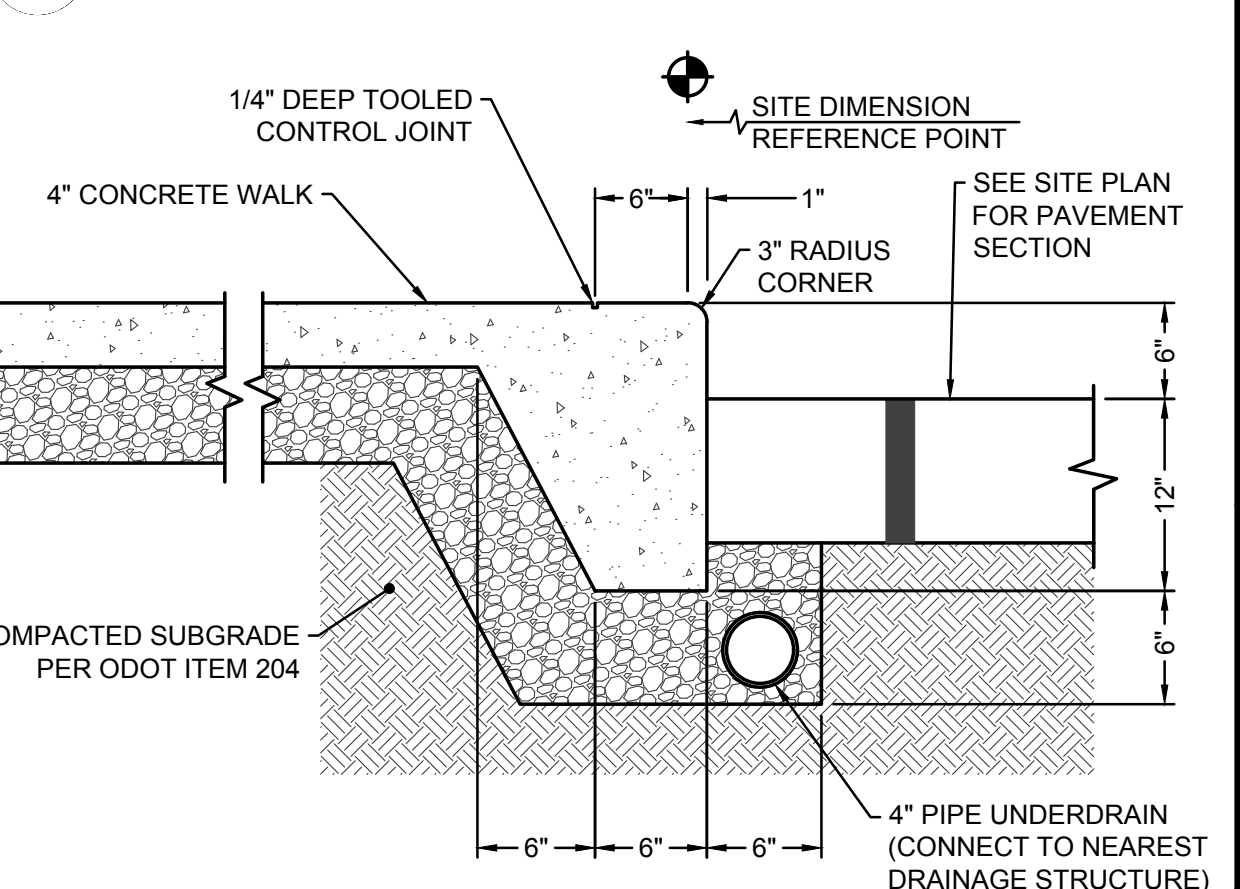
D PAVEMENT MATCHING



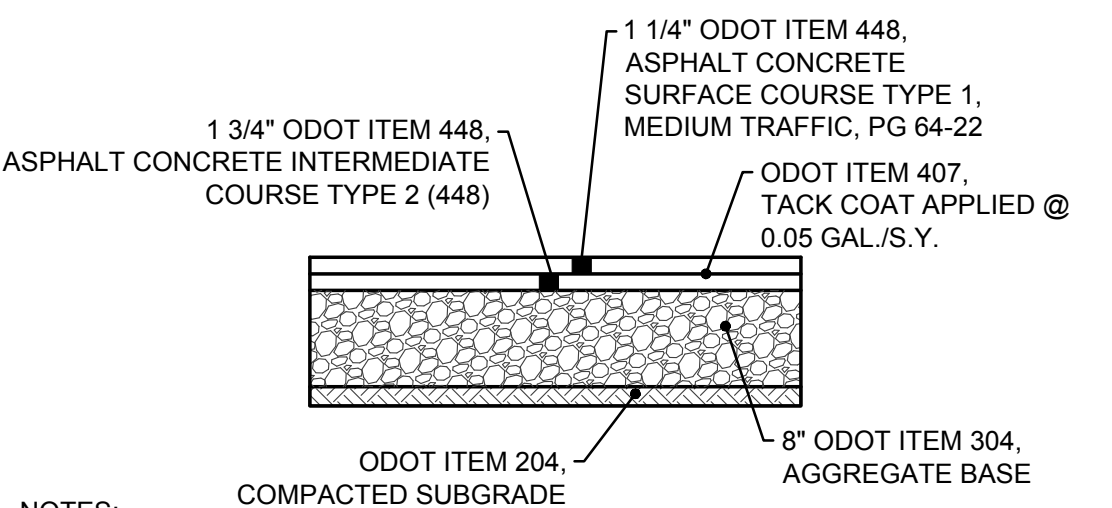
F ADA ACCESSIBLE PARKING SIGN



G STRAIGHT 18 IN CONCRETE CURB WITH UNDERDRAIN

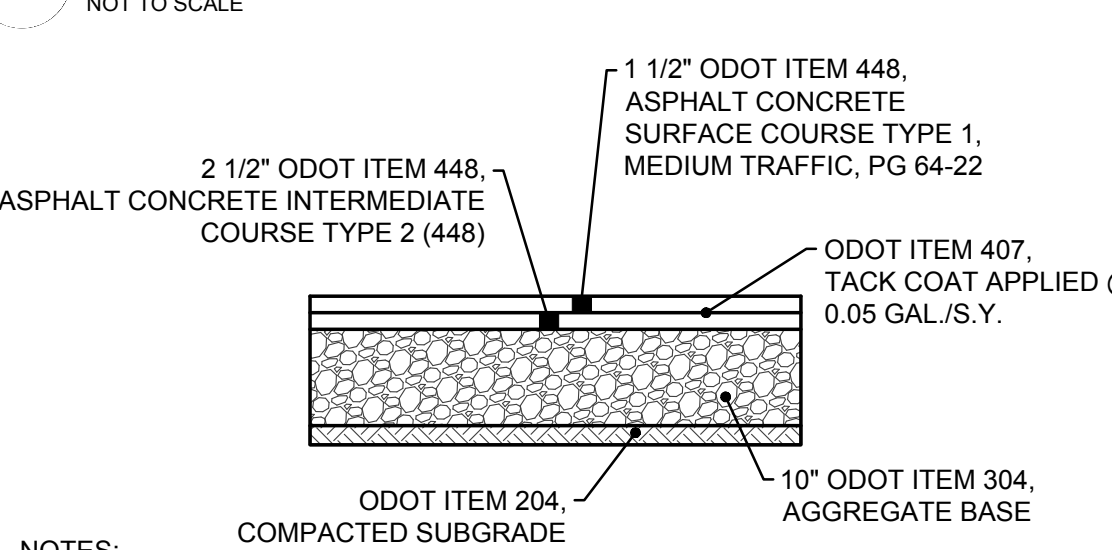


H INTEGRAL CONCRETE WALK AND CURB



- NOTES:**
- COMPOSE HOT MIX ASPHALT MIXTURE WITH AGGREGATE AND ASPHALT BINDER MEETING ODOT 401 REQUIREMENTS.
 - SUBMIT AN APPROVED JOB MIX FORMULA INCLUDING MIX TYPE PROPOSED FOR USE, AGGREGATE SOURCE, TYPE, AND GRADATION, PERCENT OF ASPHALT BINDER, AND UNIT WEIGHT OF THE MIXTURE.
 - OBTAIN JOB MIX FORMULA APPROVAL BY PROVIDING A PREVIOUSLY ODOT APPROVED FORMULA OR CONTRACT AN INDEPENDENT TESTING AGENCY TO PROVIDE TESTING AND WRITTEN APPROVAL OF THE FORMULA. THE AGENCY PERFORMING THE TESTING MUST BE LEVEL III BITUMINOUS CONCRETE APPROVED BY ODOT.

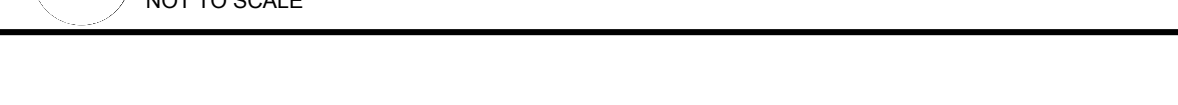
A LIGHT DUTY ASPHALT PAVEMENT



- NOTES:**
- COMPOSE HOT MIX ASPHALT MIXTURE WITH AGGREGATE AND ASPHALT BINDER MEETING ODOT 401 REQUIREMENTS.
 - SUBMIT AN APPROVED JOB MIX FORMULA INCLUDING MIX TYPE PROPOSED FOR USE, AGGREGATE SOURCE, TYPE, AND GRADATION, PERCENT OF ASPHALT BINDER, AND UNIT WEIGHT OF THE MIXTURE.
 - OBTAIN JOB MIX FORMULA APPROVAL BY PROVIDING A PREVIOUSLY ODOT APPROVED FORMULA OR CONTRACT AN INDEPENDENT TESTING AGENCY TO PROVIDE TESTING AND WRITTEN APPROVAL OF THE FORMULA. THE AGENCY PERFORMING THE TESTING MUST BE LEVEL III BITUMINOUS CONCRETE APPROVED BY ODOT.

B HEAVY DUTY ASPHALT PAVEMENT

E CONCRETE SIDEWALK



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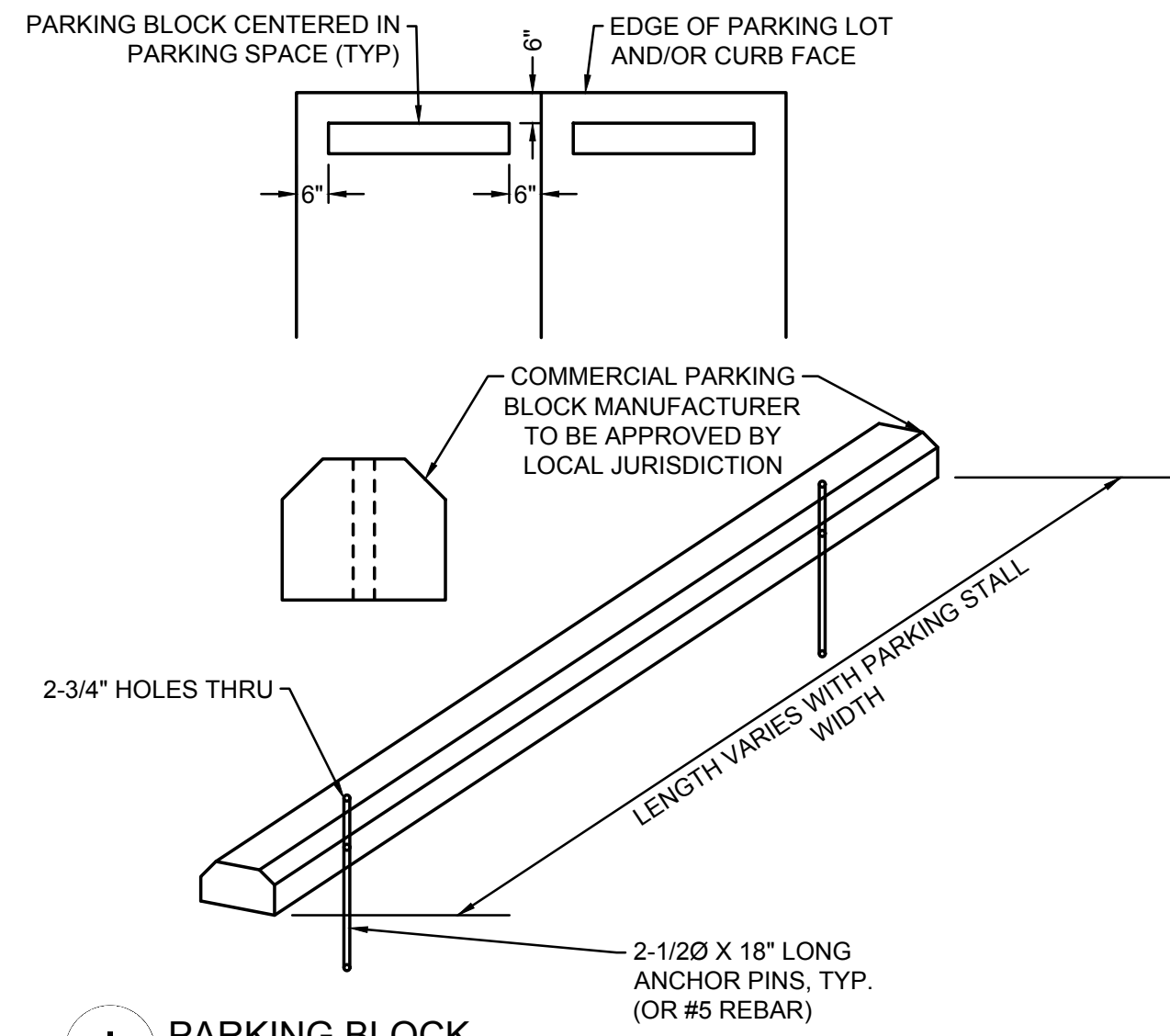
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DATE:	10/5/2022
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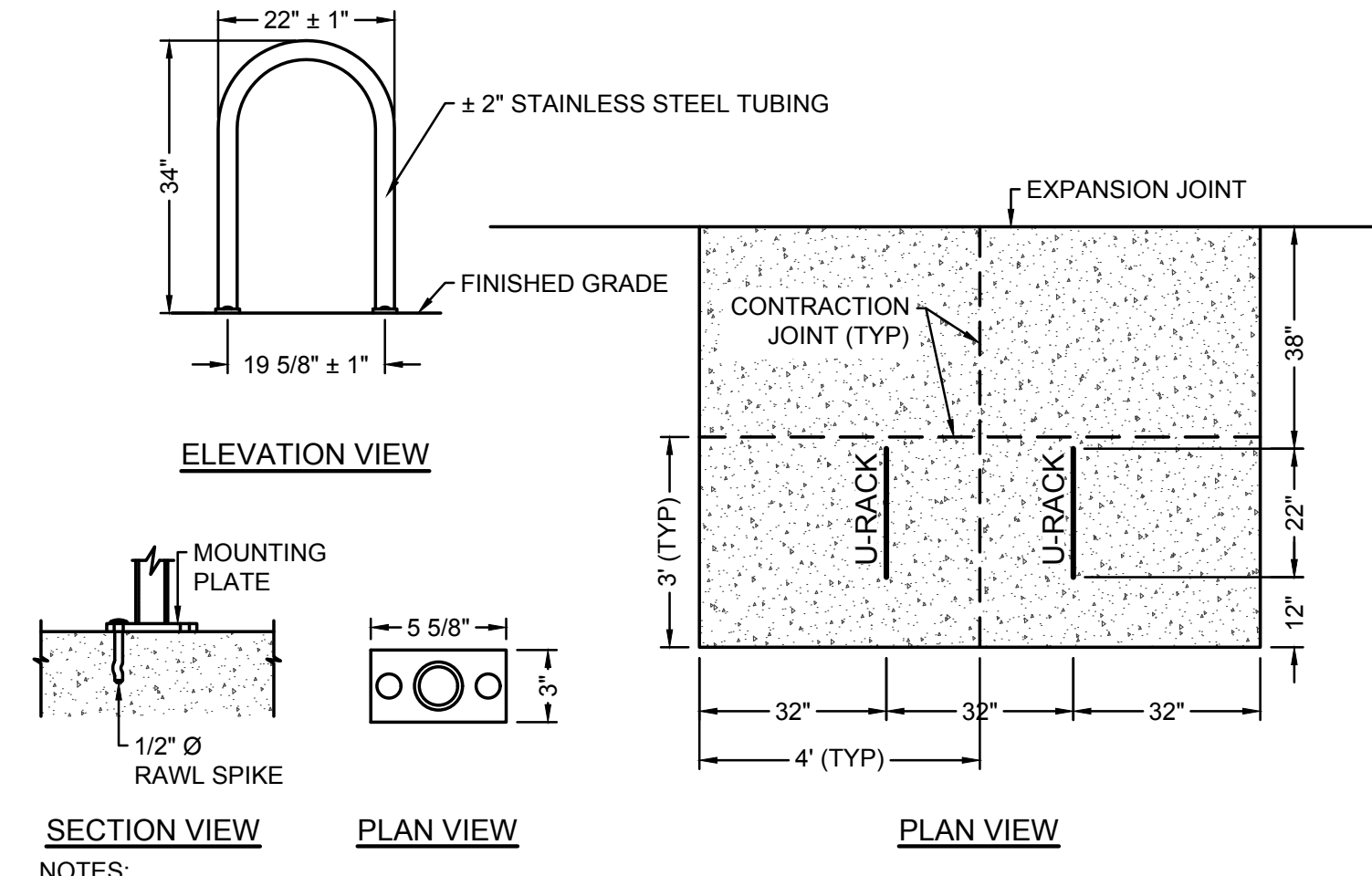
3/12

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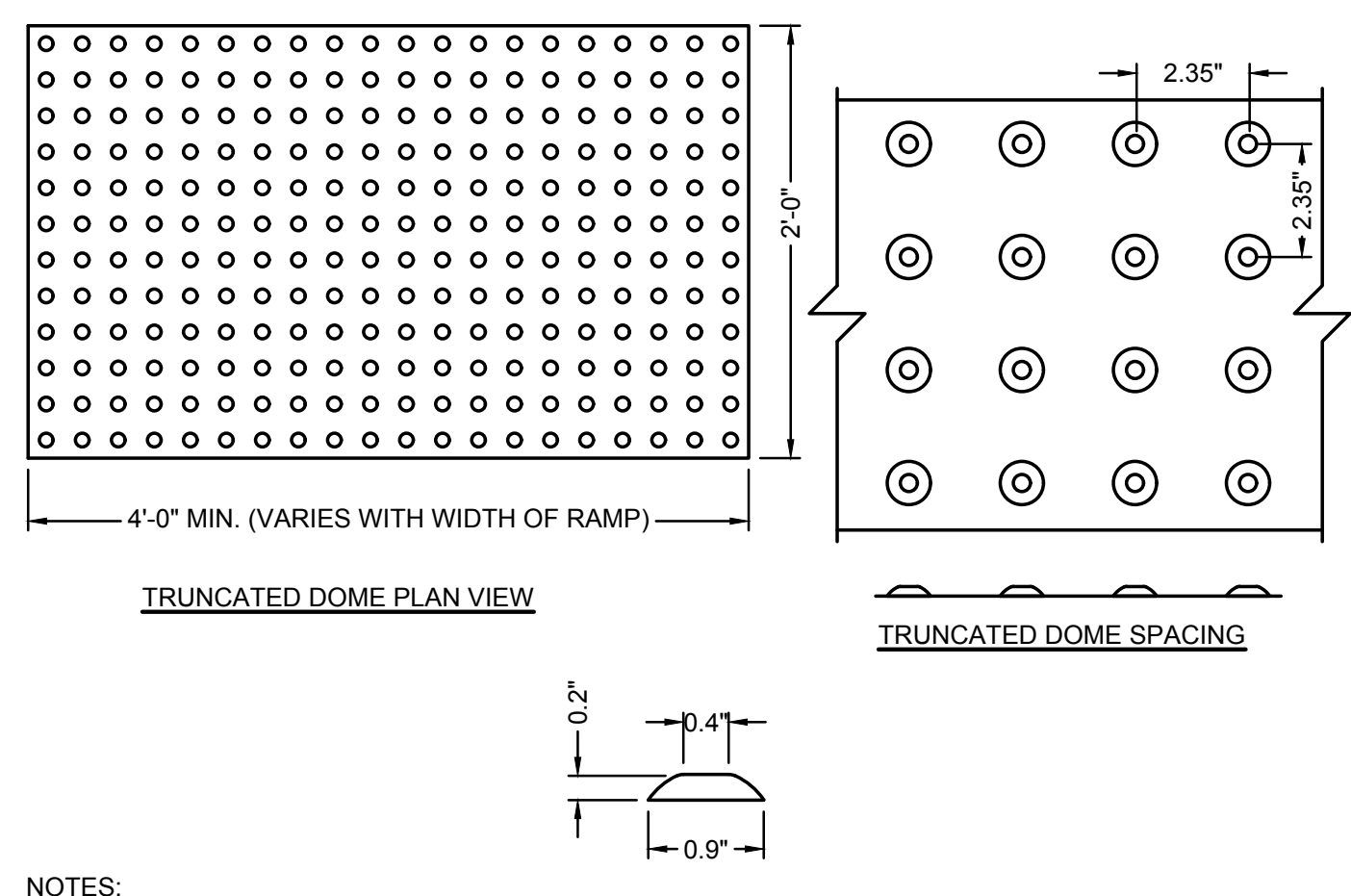


I PARKING BLOCK
NOT TO SCALE



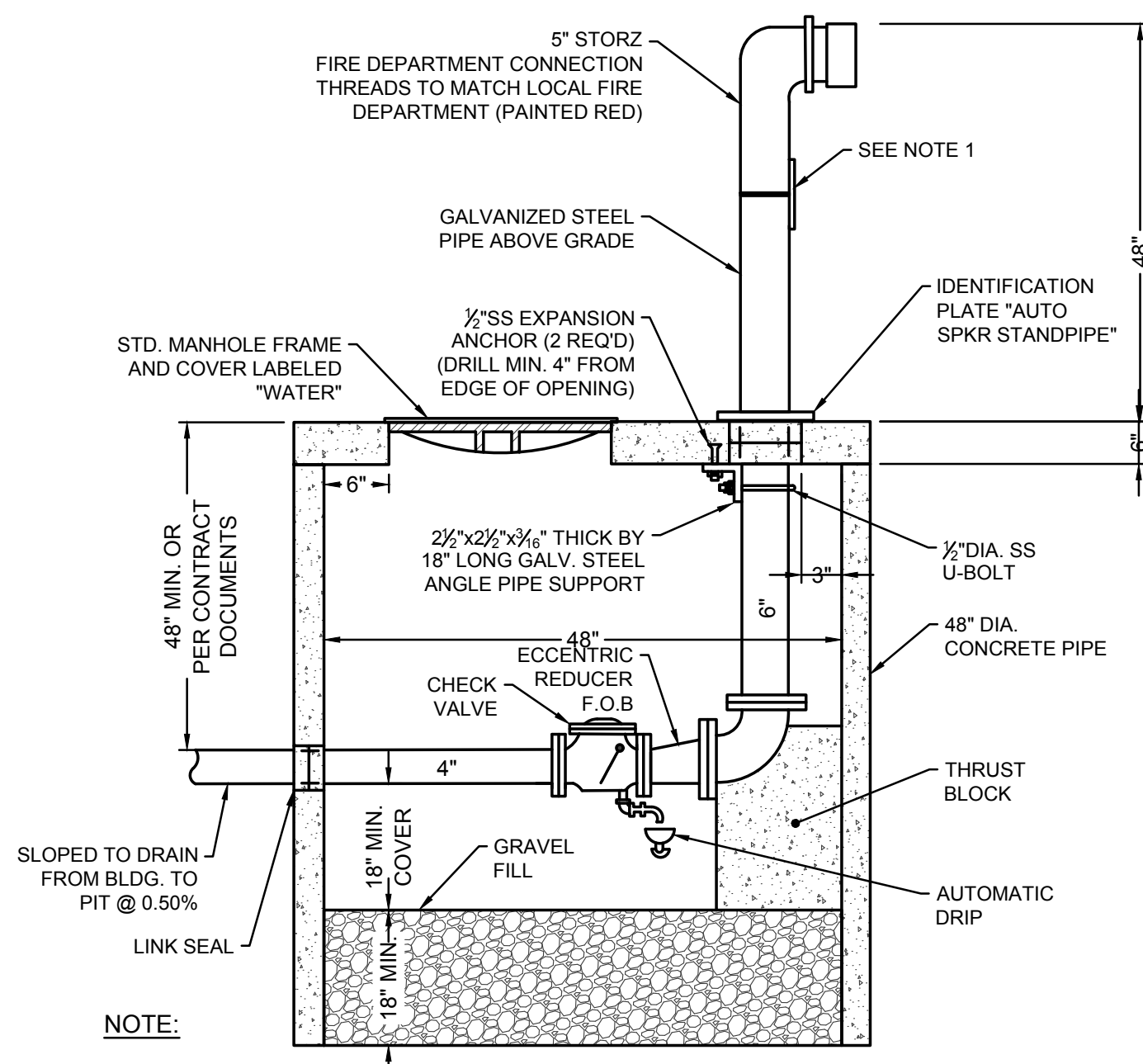
- SECTION VIEW** **PLAN VIEW** **PLAN VIEW**
- NOTES:**
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 2. 'U' RACKS TO BE STAINLESS STEEL.
 3. RACK TO BE SURFACE MOUNTED TO CONCRETE PAD PER MANUFACTURER'S RECOMMENDATIONS.
 4. SCORE PATTERN TO BE EXACT AND SQUARE.
 5. SEE SITE PLAN FOR LOCATION.

K INVERTED U-STYLE BICYCLE RACK
NOT TO SCALE



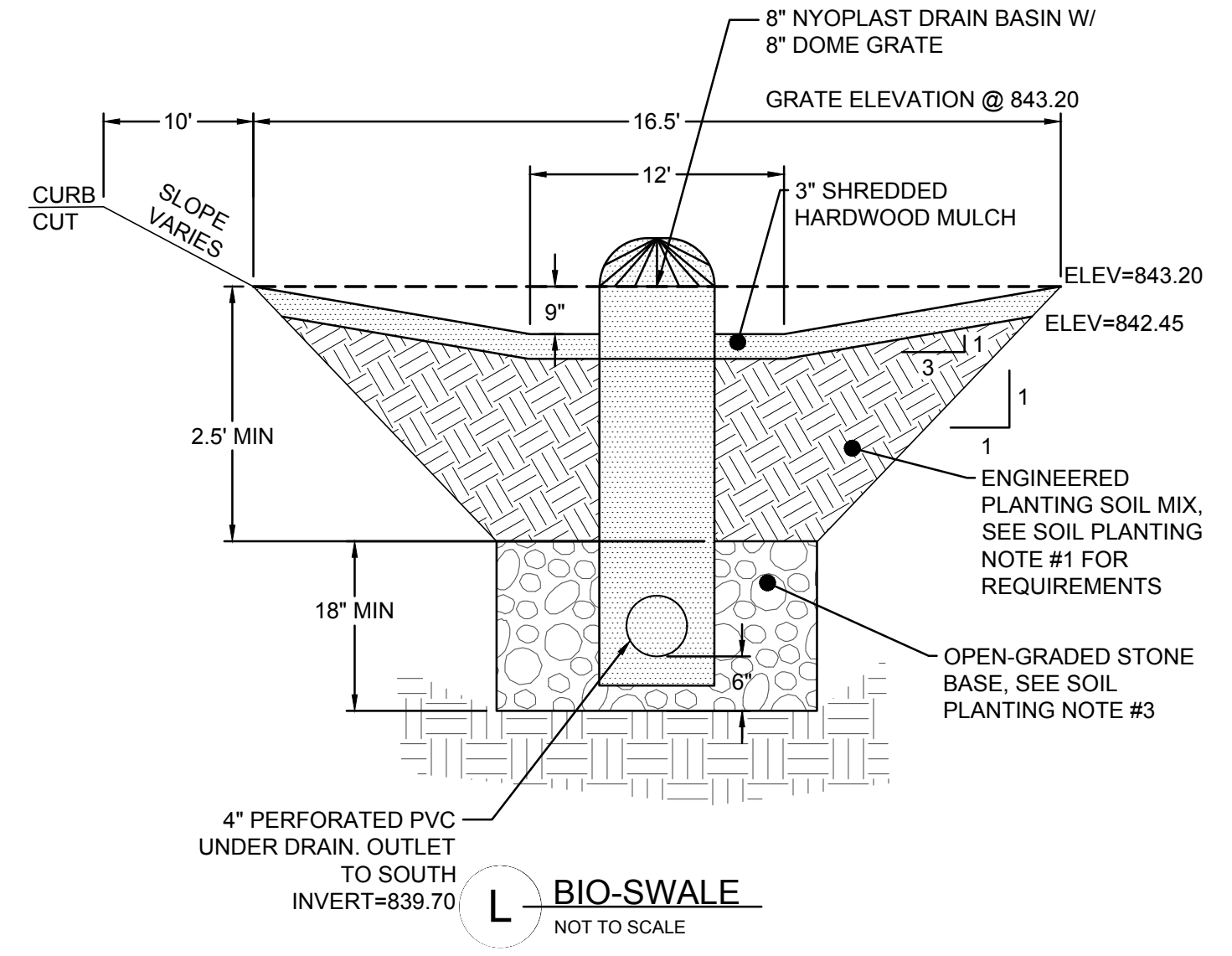
- TRUNCATED DOME PLAN VIEW** **TRUNCATED DOME SECTION**
- NOTES:**
1. DETECTABLE WARNINGS SHALL BE OF THE PAVER OR MAT TYPE WITH ADHESIVE PER MANUFACTURERS SPECIFICATIONS
 2. WIDTH OF DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET AND VARY WITH WIDTH OF RAMP
 3. LENGTH OF DETECTABLE WARNING AREA SHALL BE 2 FEET REGARDLESS OF SECTION WIDTH
 4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS
 5. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES
 6. DETECTABLE WARNING AREA SHALL BE RED IN COLOR IN ALL LOCATIONS
 7. IF MATS ARE TO BE USED, EDGES SHALL BE BEVELED TO ELIMINATE TRIP HAZARD. MATS ARE TO BE USED FOR RETROFITS ONLY.

M TRUNCATED DOME DETECTABLE WARNING
NOT TO SCALE



- NOTE:**
1. A PERMANENT METAL SIGN OF 6"x11" MUST BE FIRMLY BANDED AT THE FIRE DEPARTMENT CONNECTION RISER WITH LETTERS OR NUMBERS, A MINIMUM OF 2 INCHES IN HEIGHT, WITH THE FOLLOWING:
 - A. "FDC" WITH THE NUMBER(S) OF THE ADDRESS OR ADDRESS RANGE THAT THE FIRE DEPARTMENT CONNECTION SUPPLIES.
 - B. THE BACKGROUND COLOR SHALL BE RED, WITH WHITE LETTERS.
 - C. INDICATE THE PRESSURE REQUIRED TO DELIVER THE GREATEST SYSTEM DEMAND.

J FIRE DEPARTMENT CONNECTION
NOT TO SCALE



- NOTES:**
1. PROVIDE PLANTING SOIL MIX THAT MEET THE FOLLOWING MINIMUM REQUIREMENTS
 - 1.1. 4 PARTS SAND, PER ODOT CMSC 703.06
 - 1.2. 2 PARTS TOPSOIL, PER ODOT CMSC 653.02
 - 1.3. 2 PARTS COMPOST, PER ODOT CMSC 659.06
 - 1.4. PH = 5.2-8.0
 - 1.5. INFILTRATION RATE = 0.5 IN/HR
 2. PROVIDE NO. 57 AGGREGATE, PER ODOT CMSC 703.01
 3. MULCH MUST BE DOUBLE SHREDDED HARD WOODS. PINES AND FINE OR CHIPPED HARDWOOD MULCHES ARE NOT ACCEPTABLE. MULCH SHALL BE PLACED AFTER SUFFICIENT SETTLING HAS OCCURRED OF THE PLANTING SOIL.
 4. CONSTRUCTION OF BIOSWALES AND PLANTERS SHALL TAKE PLACE AFTER ALL HARD SURFACES ARE IN AROUND THE AREA AND THE CELL IS PROTECTED WITH SOIL EROSION TO PREVENT SEDIMENT FORM ENTERING THE CELL UNTIL IT IS CONSTRUCTED AND IS ESTABLISHED. SEDIMENT SHALL NOT ENTER THE BASIN DURING CONSTRUCTION.
 5. AFTER CONSTRUCTION IS COMPLETE THE FOLLOWING MAINTENANCE SCHEDULE SHALL BE IMPLEMENTED BY OWNER:
 - 5.1. VISUAL INSPECTION - MONTHLY (AS NEEDED)
 - 5.2. REMOVE LEAVES, LITTER AND DEBRIS - MONTHLY (AS NEEDED)
 - 5.3. REMOVE AND REPLACE DEAD OR DISEASED VEGETATION - BIANNUALLY (AS NEEDED)
 - 5.4. ADD FRESH MULCH - ANNUALLY (AS NEEDED)
 - 5.5. REMOVE AND REPLACE ENTIRE MULCH LAYER - EVERY 2-3 YEARS (AS NEEDED)
 - 5.6. VISUAL INSPECTION FOR EROSION OR SLOPE FAILURE AT DOWNSTREAM OUTLET PIPES - QUARTERLY (4 MONTHS) (AS NEEDED)

RECORDS OF MAINTENANCE ACTIVITIES SHALL BE KEPT ON SITE AND SHALL BE AVAILABLE FOR AGENCY REVIEW IF NEEDED.

L BIO-SWALE
NOT TO SCALE

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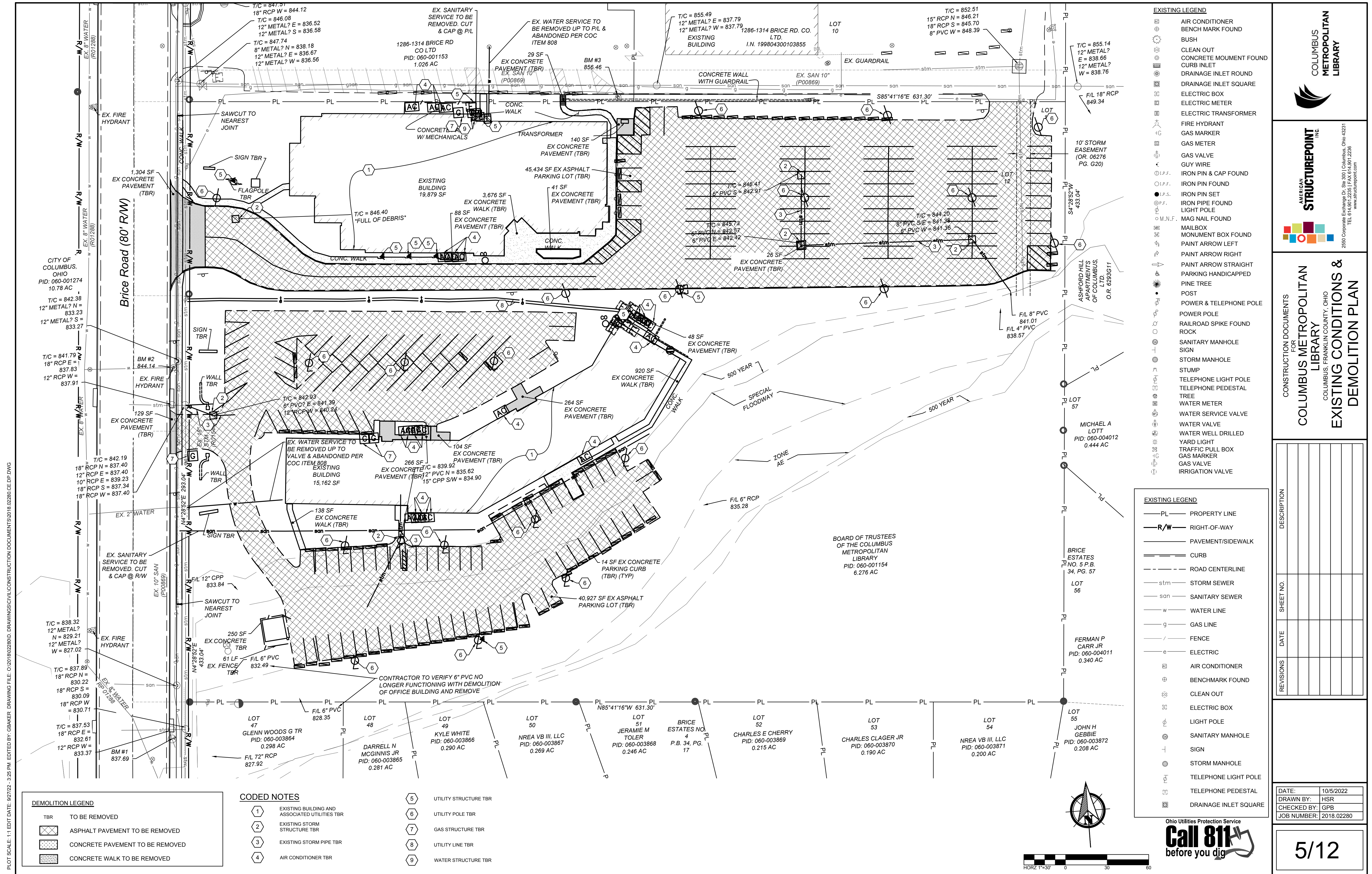
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4/12



- EXISTING LEGEND**
- AIR CONDITIONER
 - BENCH MARK FOUND
 - BUSH
 - CLEAN OUT
 - CONCRETE MOUND FOUND
 - CURB INLET
 - DRAINAGE INLET ROUND
 - DRAINAGE INLET SQUARE
 - ELECTRIC BOX
 - ELECTRIC METER
 - ELECTRIC TRANSFORMER
 - FIRE HYDRANT
 - GAS MARKER
 - GAS METER
 - GAS VALVE
 - GUY WIRE
 - IRON PIN & CAP FOUND
 - IRON PIN FOUND
 - IRON PIN SET
 - IRON PIPE FOUND
 - LIGHT POLE
 - MAG NAIL FOUND
 - MAILBOX
 - MONUMENT BOX FOUND
 - PAINT ARROW LEFT
 - PAINT ARROW RIGHT
 - PAINT ARROW STRAIGHT
 - PARKING HANDICAPPED
 - PINE TREE
 - POST
 - POWER & TELEPHONE POLE
 - POWER POLE
 - RAILROAD SPIKE FOUND
 - ROCK
 - SANITARY MANHOLE
 - SIGN
 - STORM MANHOLE
 - STUMP
 - TELEPHONE LIGHT POLE
 - TELEPHONE PEDESTAL
 - WATER METER
 - WATER SERVICE VALVE
 - WATER VALVE
 - WATER WELL DRILLED
 - YARD LIGHT
 - TRAFFIC PULL BOX
 - GAS MARKER
 - GAS VALVE
 - IRRIGATION VALVE

- EXISTING LEGEND**
- PL PROPERTY LINE
 - R/W RIGHT-OF-WAY
 - PAVEMENT/SIDEWALK
 - CURB
 - ROAD CENTERLINE
 - stm STORM SEWER
 - son SANITARY SEWER
 - w WATER LINE
 - g GAS LINE
 - / FENCE
 - e ELECTRIC
- REVISIONS**
- | NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |
| | | |

- DEMOLITION LEGEND**
- TBR TO BE REMOVED
 - ASPHALT PAVEMENT TO BE REMOVED
 - CONCRETE PAVEMENT TO BE REMOVED
 - CONCRETE WALK TO BE REMOVED

- CODED NOTES**
- 1 EXISTING BUILDING AND ASSOCIATED UTILITIES TBR
 - 2 EXISTING STORM STRUCTURE TBR
 - 3 EXISTING STORM PIPE TBR
 - 4 AIR CONDITIONER TBR
 - 5 UTILITY STRUCTURE TBR
 - 6 UTILITY POLE TBR
 - 7 GAS STRUCTURE TBR
 - 8 UTILITY LINE TBR
 - 9 WATER STRUCTURE TBR



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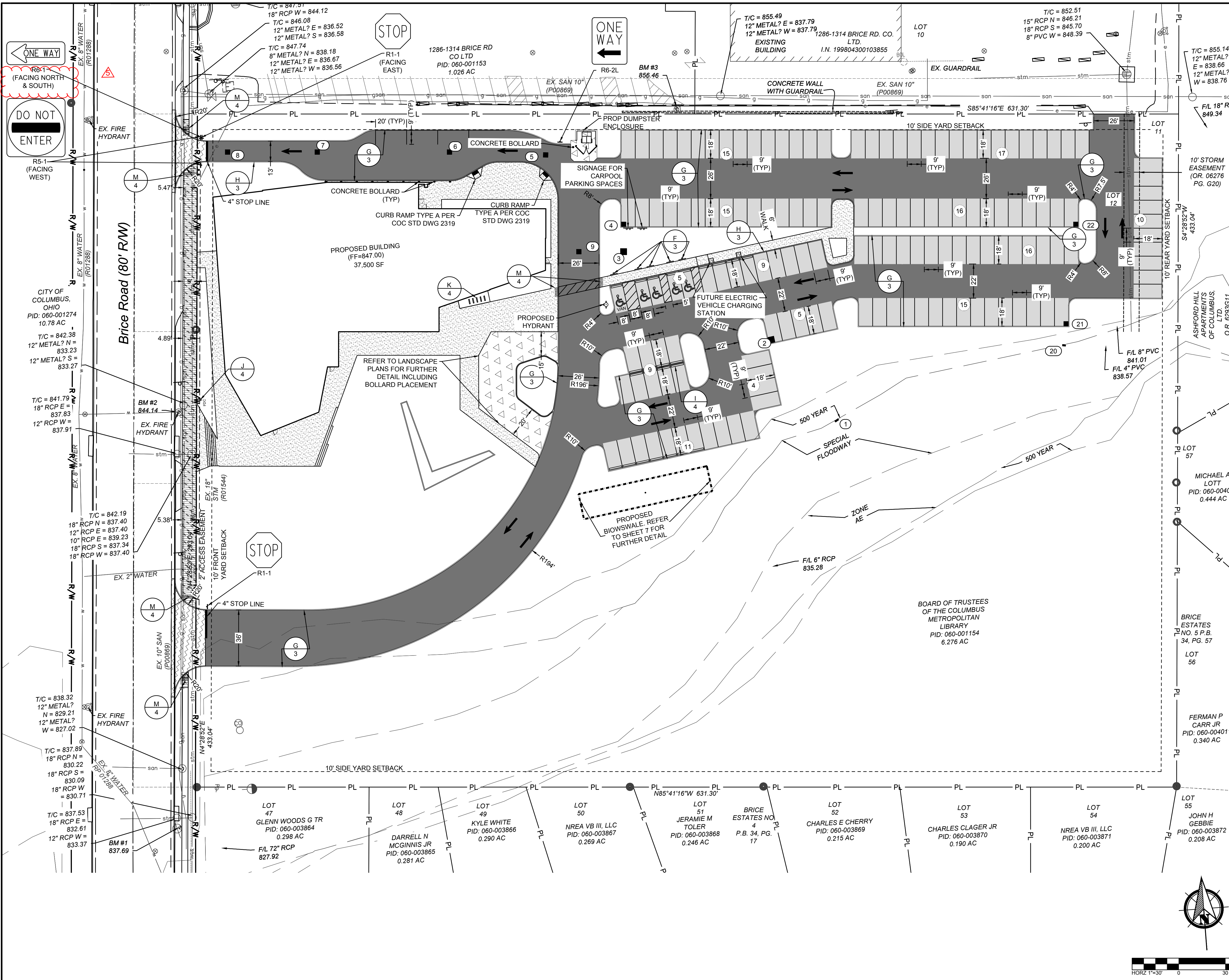
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SITE LEGEND

- PL PROPERTY LINE
- R/W RIGHT-OF-WAY
- (X) PARKING STALL COUNT
- (X) ADA PARKING STALL COUNT
- STRAIGHT CURB (G 3)
- SIGN (B 3, A 3, C 3)
- HEAVY DUTY ASPHALT PAVEMENT
- LIGHT DUTY ASPHALT PAVEMENT
- HEAVY DUTY CONCRETE (C 3)
- HEAVY DUTY CONCRETE PER REYNOLDSBURG STD DWG R-12
- CONCRETE WALK (E 3, H 3)
- CONCRETE WALK PER REYNOLDSBURG STD DWG R-9
- DETECTABLE WARNING (M 4)
- WV WATER VALVE
- FH FIRE HYDRANT
- FDC REMOTE FDC CONNECTION

NOTES:

- ALL RADII ARE 5' UNLESS OTHERWISE NOTED
- ALL PAVEMENT DIMENSIONS ARE TO FACE OF CURB
- ALL STANDARD PARKING SPACES ARE 9'X18' & ADA SPACES 8'X18'
- REFER TO LANDSCAPE PLANS FOR FURTHER DETAILS ON PEDESTRIAN HARDSCAPE IMPROVEMENTS AROUND LIBRARY
- ALL PARKING LOT STRIPING SHALL BE PAINTED PER OMUTCD STANDARDS
- CONCRETE WALK IN THE R/W SHALL BE PER REYNOLDSBURG STANDARD DRAWING R-9
- DRIVEWAYS SHALL BE PER REYNOLDSBURG STANDARD DRAWING R-12

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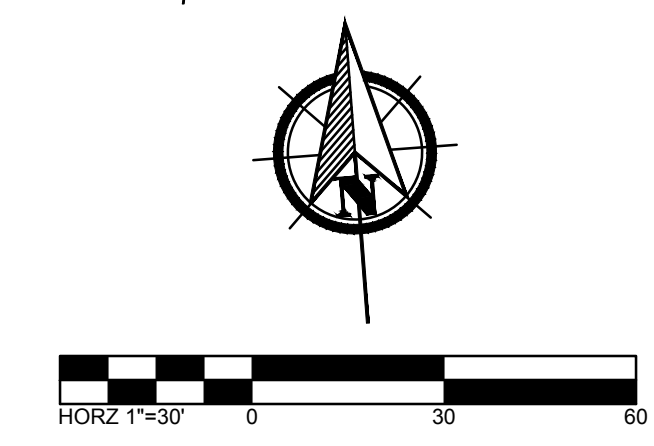
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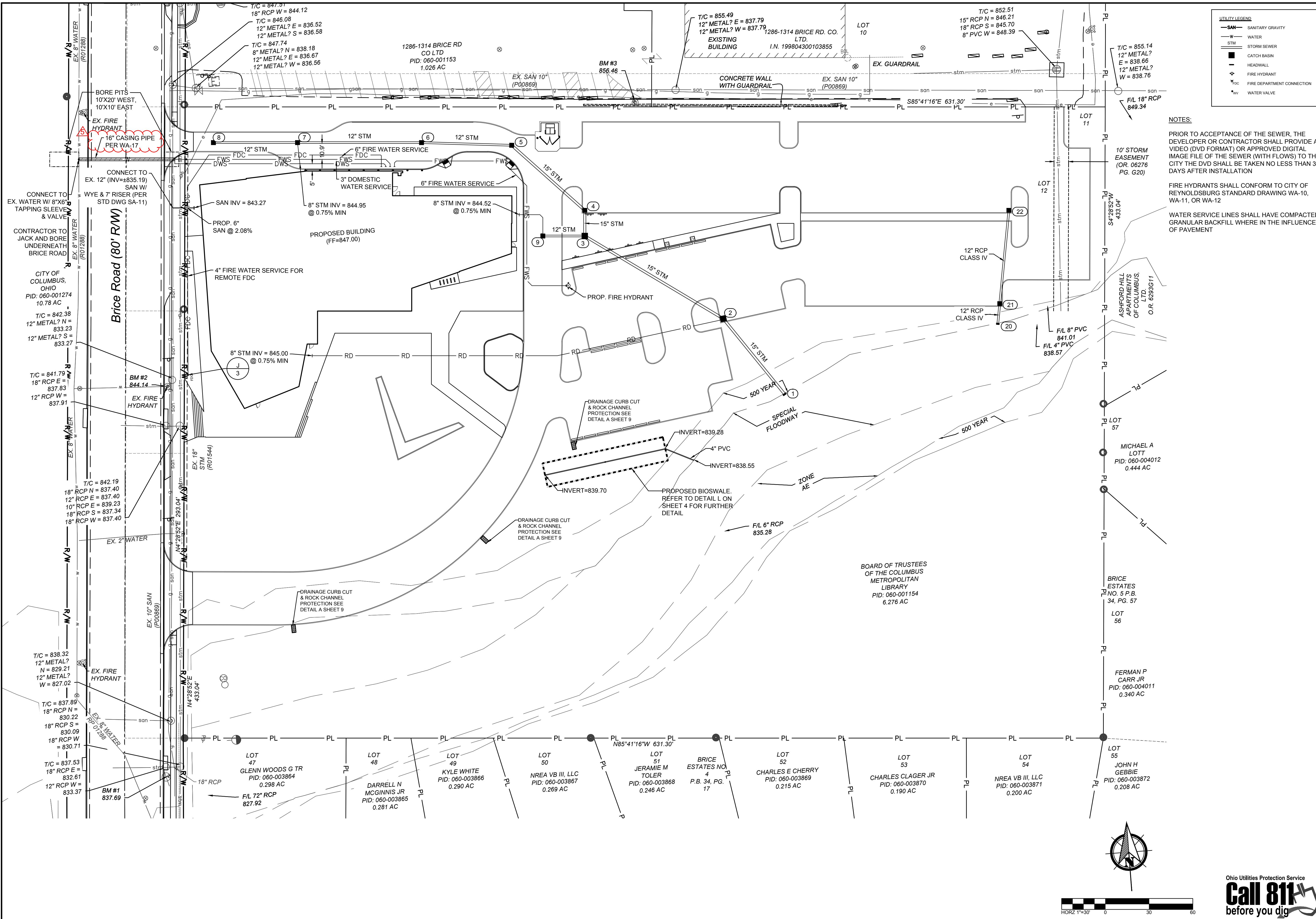
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UTILITY LEGEND

- SANITARY GRAVITY
- WATER
- STORM SEWER
- CATCH BASIN
- HEADWALL
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- WATER VALVE

NOTES:

PRIOR TO ACCEPTANCE OF THE SEWER, THE DEVELOPER OR CONTRACTOR SHALL PROVIDE A VIDEO (DVD FORMAT) OR APPROVED DIGITAL IMAGE FILE OF THE SEWER (WITH FLOWS) TO THE CITY THE DVD SHALL BE TAKEN NO LESS THAN 30 DAYS AFTER INSTALLATION

FIRE HYDRANTS SHALL CONFORM TO CITY OF REYNOLDSBURG STANDARD DRAWING WA-10, WA-11, OR WA-12

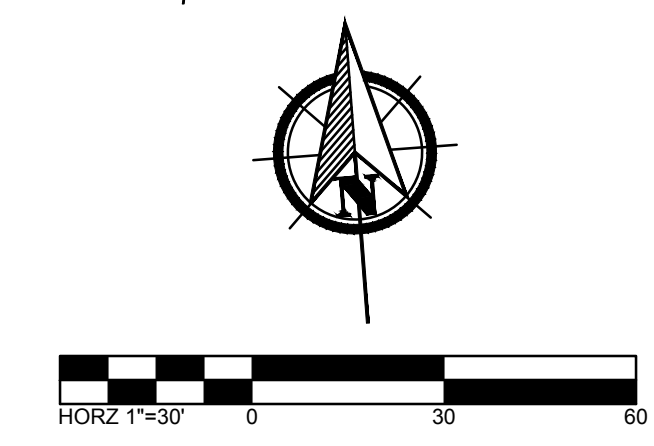
WATER SERVICE LINES SHALL HAVE COMPACTED GRANULAR BACKFILL WHERE IN THE INFLUENCE OF PAVEMENT



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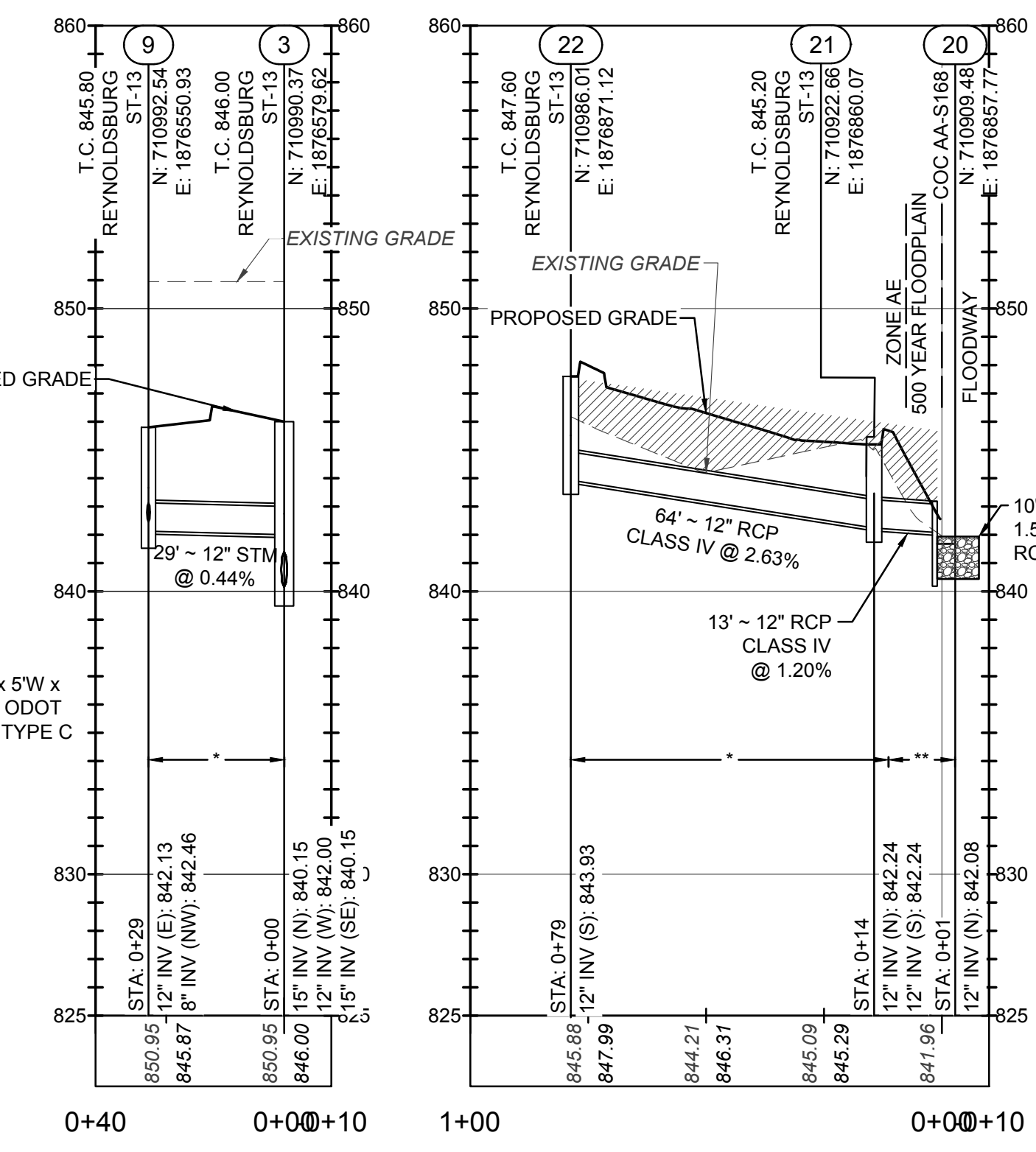
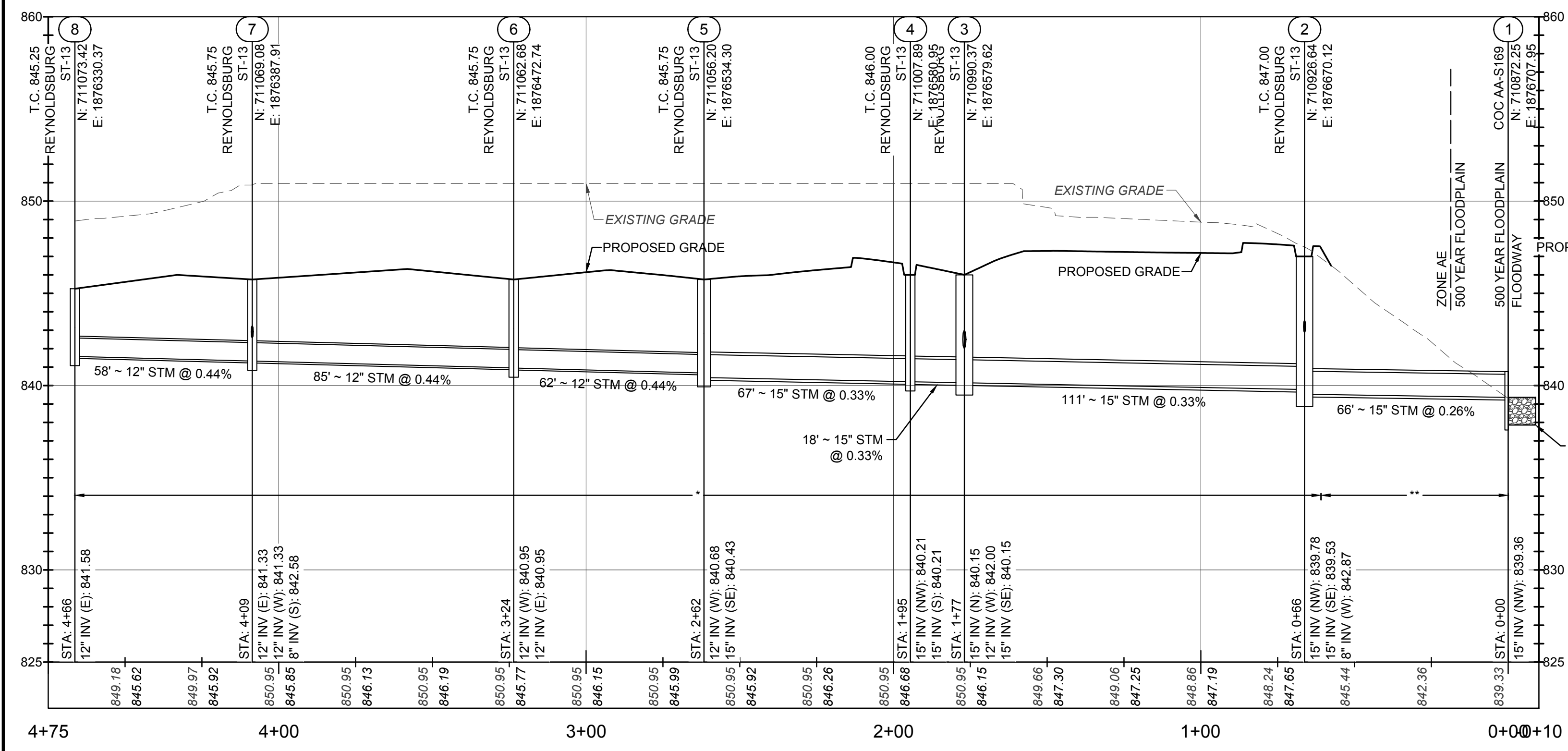
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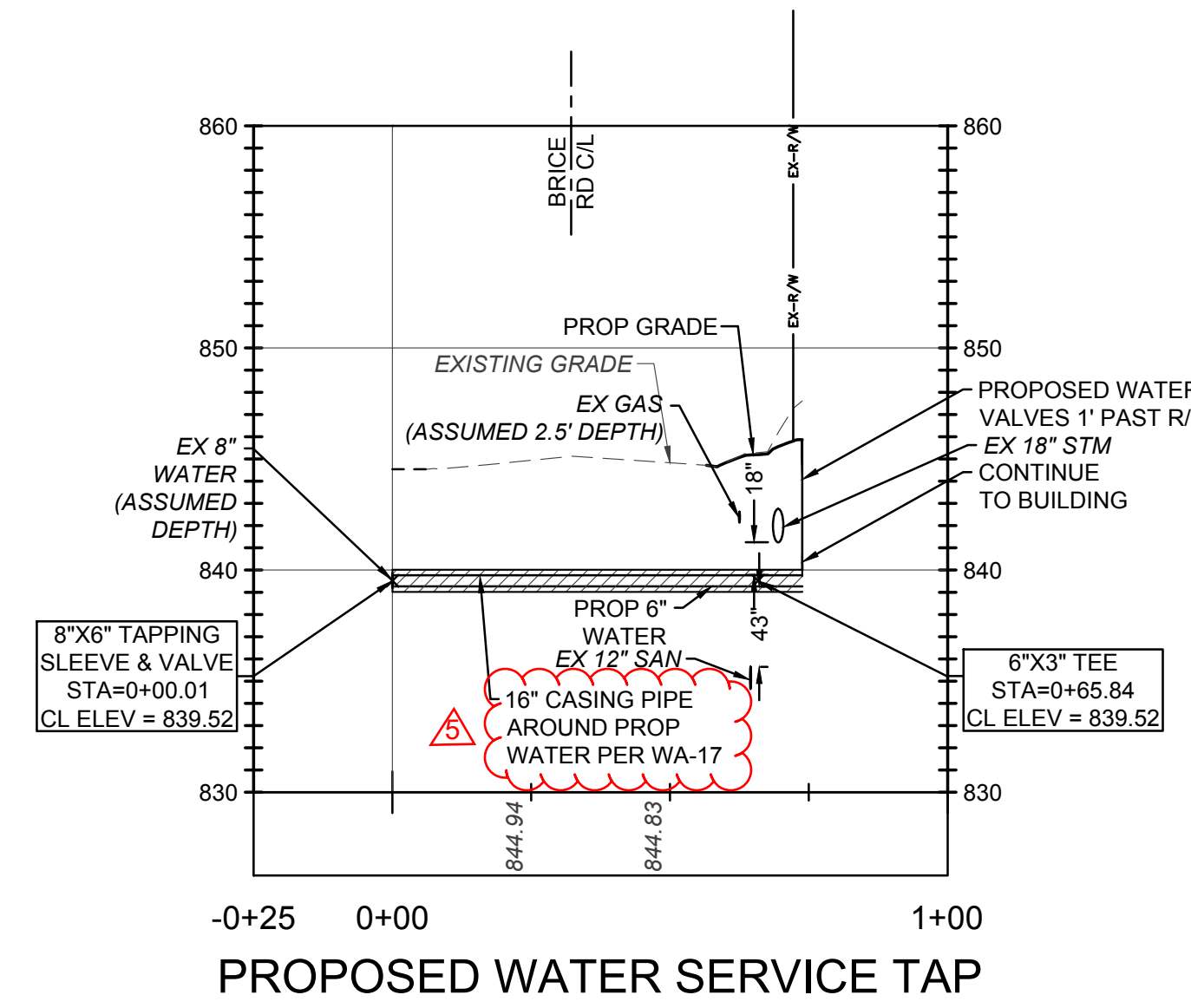
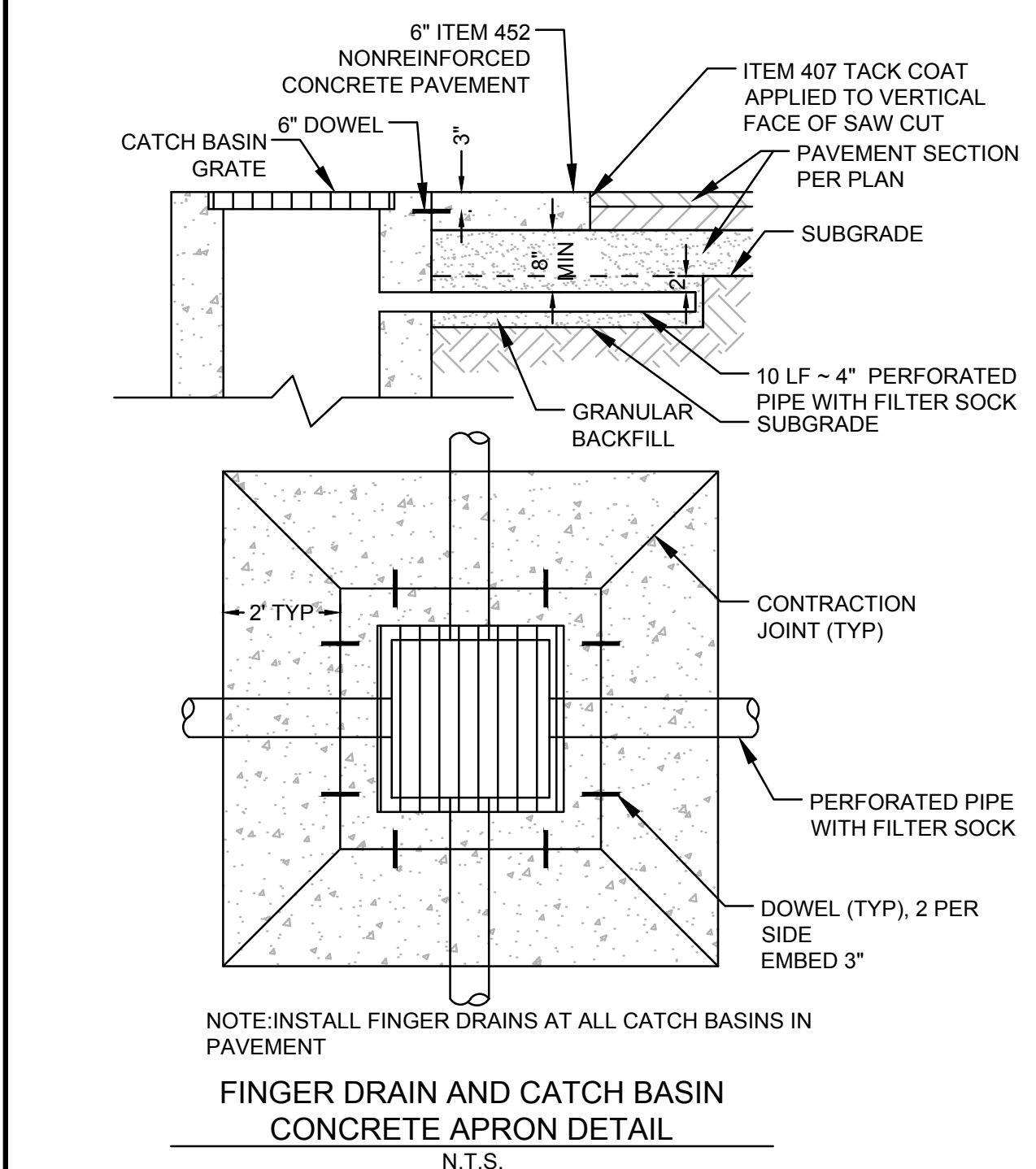


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STORM SEWER NOTES:
 PROFILE DATUM NAVD '88
 MAINTAIN A MINIMUM OF 18" VERTICAL AND 10' HORIZONTAL CLEARANCE FROM WATER MAINS.
 ALL BACKFILL SHALL BE COMPACTED TO THE DENSITY OF THE EXISTING GROUND UNLESS OTHERWISE NOTED.
 * COMPACTED BACKFILL PER CMS ITEM 912 (WITHIN PAVEMENT).
 ** COMPACTED BACKFILL PER CMS ITEM 911 (OUTSIDE PAVEMENT).
 ALL FILLS ARE TO BE PLACED A MINIMUM OF 2.5' ABOVE THE PROPOSED STORM SEWER PER ODOT CMS ITEM 203 PRIOR TO THE START OF STORM SEWER CONSTRUCTION.
 ALL STRUCTURES WITHIN PAVEMENT SHALL HAVE HEAVY DUTY FRAME AND GRATES.



START STRUCTURE	END STRUCTURE	LENGTH	BEARING	AS-BUILT LENGTH	AS-BUILT BEARING
22	21	64	S09° 53' 46.53"W		
21	20	13	S09° 53' 46.53"W		
9	3	29	S85° 41' 16.00"E		
8	7	58	S85° 41' 16.00"E		
7	6	85	S85° 41' 16.00"E		
6	5	62	S83° 59' 16.49"E		
5	4	67	S43° 59' 58.19"E		
4	3	18	S04° 18' 44.00"W		
3	2	111	S54° 50' 43.83"E		
2	1	66	S34° 48' 53.29"E		

STR. NO	NORTHING	EASTING	AS-BUILT NORTHING	AS-BUILT EASTING
1	710872.25	1876707.95		
2	710926.64	1876670.12		
3	710990.37	1876579.62		
4	711007.89	1876580.95		
5	711056.20	1876534.30		
6	711062.68	1876472.74		
7	711069.08	1876387.91		
8	711073.42	1876330.37		
9	710992.54	1876550.93		
20	710909.48	1876857.77		
21	710922.66	1876860.07		
22	710986.01	1876871.12		

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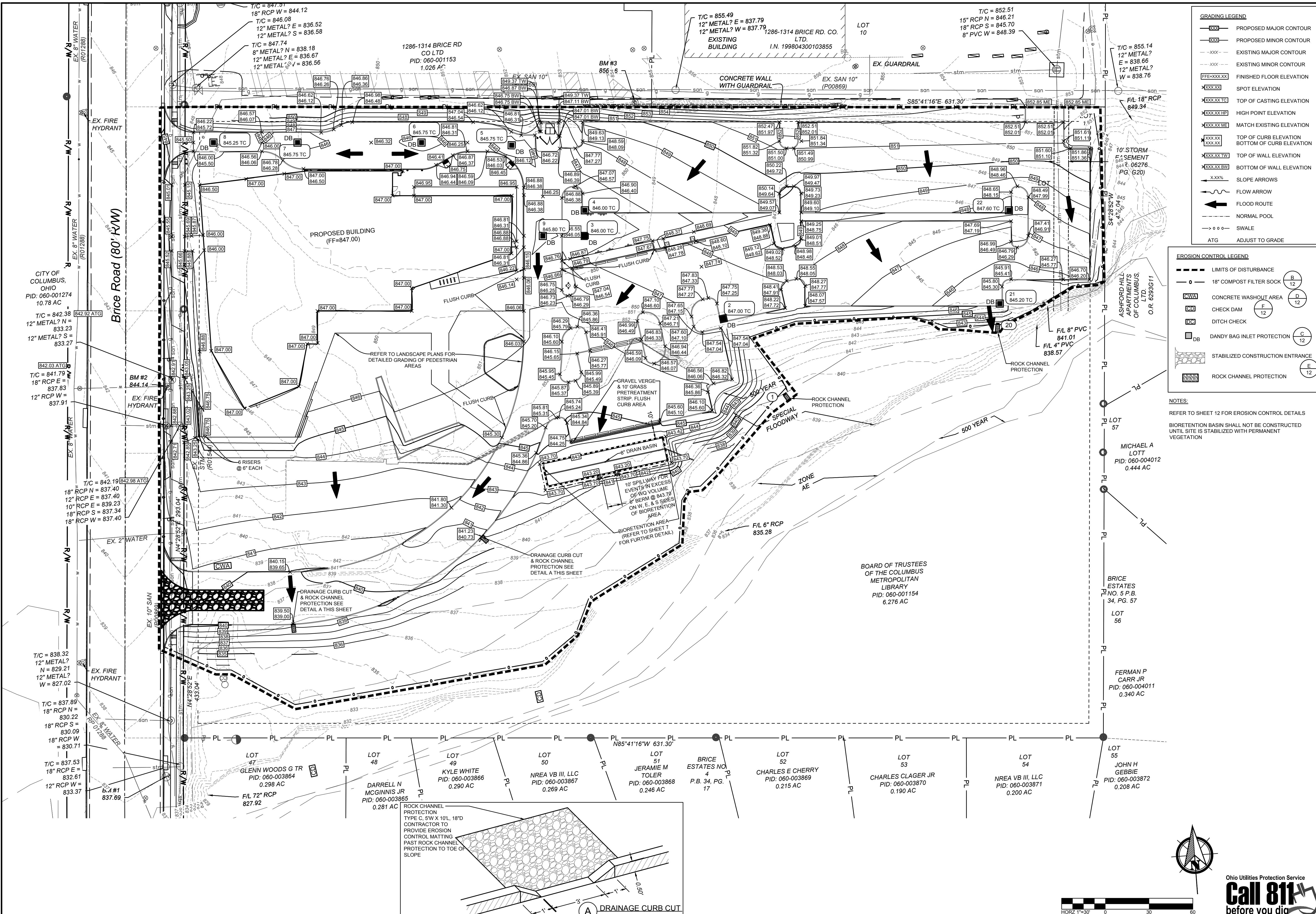
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JOB NUMBER:	2018.02280

8/12



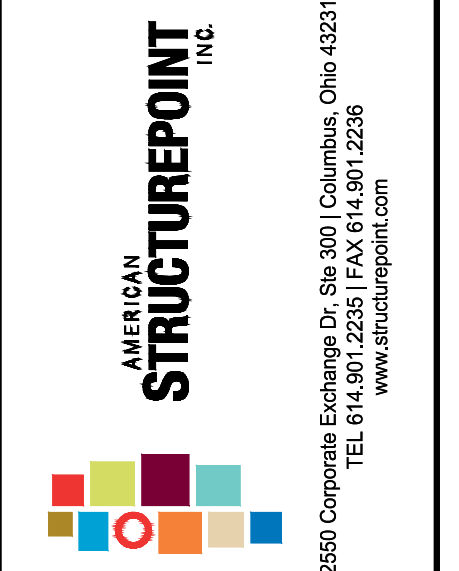
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- GRADING LEGEND**
- PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - - - - EXISTING MAJOR CONTOUR
 - - - - EXISTING MINOR CONTOUR
 - FF=XXXXXX FINISHED FLOOR ELEVATION
 - XXXXXX SPOT ELEVATION
 - XXXXXX TC TOP OF CASTING ELEVATION
 - XXXXXX HP HIGH POINT ELEVATION
 - XXXXXX ME MATCH EXISTING ELEVATION
 - XXXXXX BT TOP OF CURB ELEVATION
 - XXXXXX BB BOTTOM OF CURB ELEVATION
 - XXXXXX TW TOP OF WALL ELEVATION
 - XXXXXX BW BOTTOM OF WALL ELEVATION
 - XXXXXX SLOPE ARROWS
 - FLOW ARROW
 - FLOOD ROUTE
 - NORMAL POOL
 - SWALE
 - ATG ADJUST TO GRADE

- EROSION CONTROL LEGEND**
- LIMITS OF DISTURBANCE
 - 18" COMPOST FILTER SOCK
 - CWA CONCRETE WASHOUT AREA
 - CD CHECK DAM
 - DW DITCH CHECK
 - DB DANDY BAG INLET PROTECTION
 - STABILIZED CONSTRUCTION ENTRANCE
 - ROCK CHANNEL PROTECTION

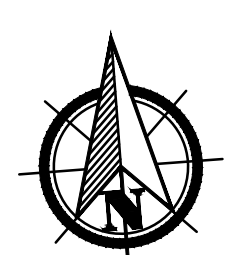
NOTES:
 REFER TO SHEET 12 FOR EROSION CONTROL DETAILS
 BIORETENTION BASIN SHALL NOT BE CONSTRUCTED UNTIL SITE IS STABILIZED WITH PERMANENT VEGETATION



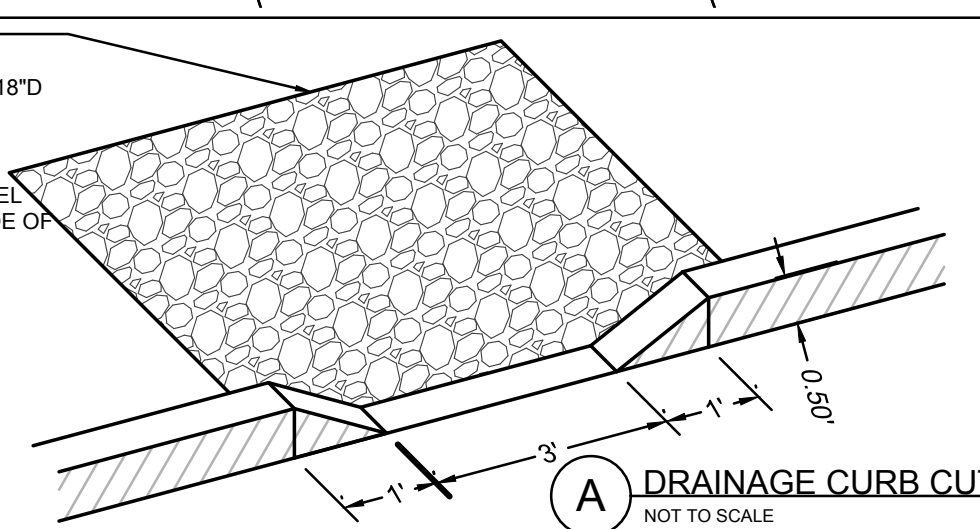
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 COLUMBUS, FRANKLIN COUNTY, OHIO
GRADING & EROSION CONTROL PLAN

REVISIONS	DATE	SHEET NO.	DESCRIPTION

DATE:	10/5/2022
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CHECKED BY:	GPB
JOB NUMBER:	2018.02280



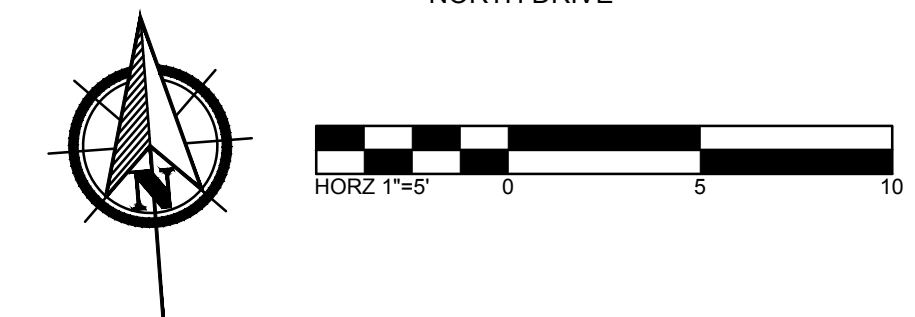
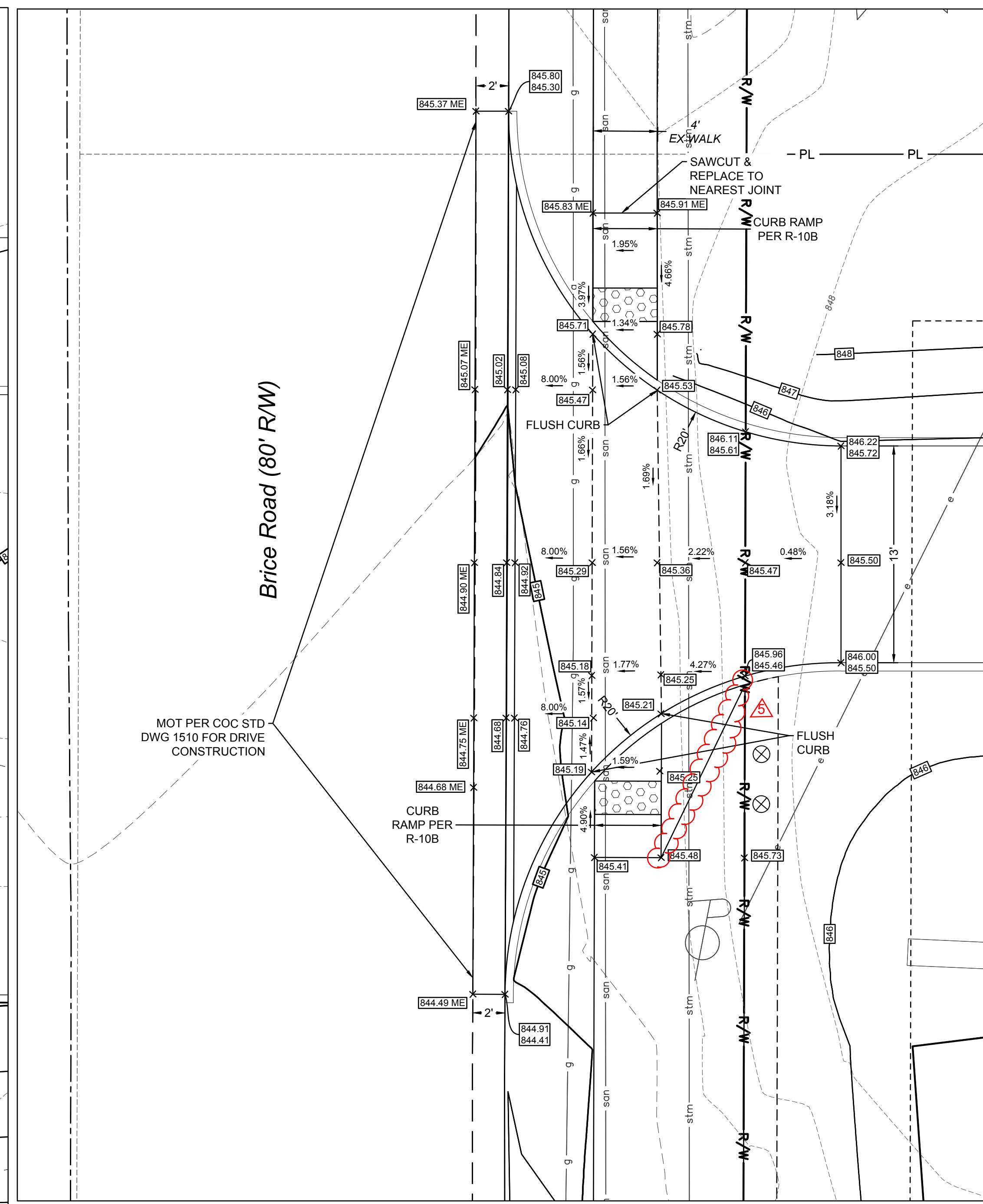
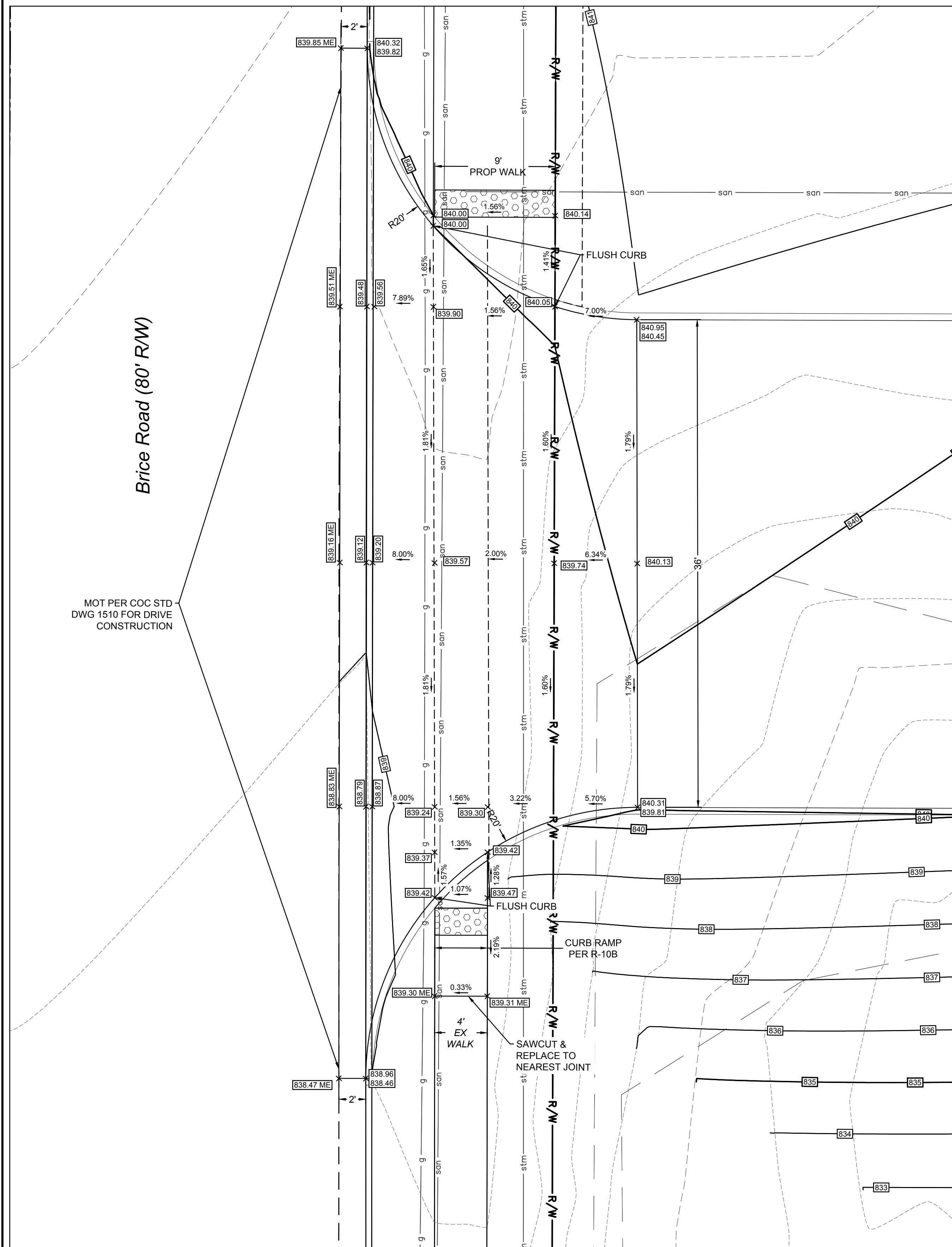
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ROCK CHANNEL PROTECTION
 TYPE C, 5' W X 10', 18"
 CONTRACTOR TO PROVIDE EROSION CONTROL MATTING PAST ROCK CHANNEL PROTECTION TO TOE OF SLOPE

LOT 47: GLENN WOODS G TR, PID: 060-003864, 0.298 AC
 LOT 48: DARRELL N MCGINNIS JR, PID: 060-003865, 0.281 AC
 LOT 49: KYLE WHITE, PID: 060-003866, 0.290 AC
 LOT 50: NREA VB III, LLC, PID: 060-003867, 0.269 AC
 LOT 51: JERAMIE M TOLER, PID: 060-003868, 0.246 AC
 LOT 52: CHARLES E CHERRY, PID: 060-003869, 0.215 AC
 LOT 53: CHARLES CLAGER JR, PID: 060-003870, 0.190 AC
 LOT 54: NREA VB III, LLC, PID: 060-003871, 0.200 AC
 LOT 55: JOHN H GEBBIE, PID: 060-003872, 0.208 AC


PLOT SCALE: 1:1; EDIT DATE: 10/5/22 - 1:23 PM; EDITED BY: GBAKER; DRAWING FILE: O:\2018\02280.D; DRAWINGS\CIVIL\CONSTRUCTION DOCUMENT\2018.02280.CE.GP.DWG




GRADING LEGEND

- XXX— PROPOSED MAJOR CONTOUR
- XXX--- PROPOSED MINOR CONTOUR
- XXX--- EXISTING MAJOR CONTOUR
- XXX--- EXISTING MINOR CONTOUR
- FFE=XXX.XX FINISHED FLOOR ELEVATION
- XXX.XX SPOT ELEVATION
- XX.XX.XX TC TOP OF CASTING ELEVATION
- XXX.XX HP HIGH POINT ELEVATION
- XXX.XX ME MATCH EXISTING ELEVATION
- XXX.XX TOP OF CURB ELEVATION
- XXX.XX BOTTOM OF CURB ELEVATION
- XXX.XX TW TOP OF WALL ELEVATION
- XXX.XX BW BOTTOM OF WALL ELEVATION
- X.XX% SLOPE ARROWS
- FLOW ARROW
- ↑ FLOOD ROUTE
- NORMAL POOL
- SWALE
- ATG ADJUST TO GRADE

NOTES:
 REFER TO SHEET 12 FOR EROSION CONTROL DETAILS
 ALL PEDESTRIAN ACCESS ROUTES SHALL NOT EXCEED 2% CROSS SLOPE AND 5% RUNNING SLOPE. ALL RAMP SHALL BE 8% OR LESS.
 PROPOSED DRIVEWAYS SHALL BE PER CITY OF REYNOLDSBURG STD DWG R-12.
 EXISTING SIDEWALK ON THE EAST SIDE OF BRICE ROAD WILL BE CLOSED TO PEDESTRIAN TRAFFIC DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE SIDEWALK CLOSURE SIGNS AND PROVIDE DETOUR FOR PEDSTRIAN TRAFFIC AT NEAREST CROSSWALK NORTH AND SOUTH OF THE SITE.



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DRIVE DETAILS

REVISIONS	DATE	SHEET NO.	DESCRIPTION
4	09.16.2022		Bulletin 3
5	10.07.2022		Bulletin 4

DATE: 10/5/2022

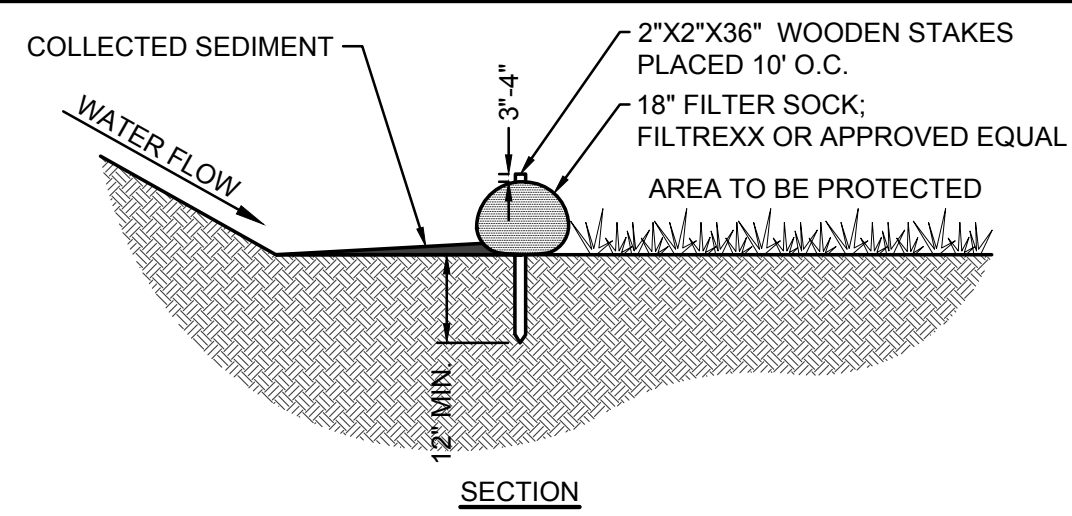
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CHECKED BY: GPB

JOB NUMBER: 2018.02280

10/12





CALCULATION NOTE:
 1300 LF OF FILTER SOCK PROPOSED = 6.5 ACRES OF DRAINAGE AREA ALLOWED PER ODNR RAINWATER & LAND DEVELOPMENT MANUAL.
 3.91 ACRES OF DRAINAGE AREA PROPOSED

MATERIAL NOTES:

- COMPOST USED FOR FILTER SOCKS SHALL BE WEED, PATHOGEN, AND INSECT FREE. FREE OF ANY REFUSE, CONTAMINANTS, OR OTHER MATERIALS TOXIC TO PLANT GROWTH. THEY SHALL BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
- FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TABULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL FILLED WITH COMPOST PASSING THE ABOVE SPECIFICATIONS FOR COMPOST PRODUCTS.

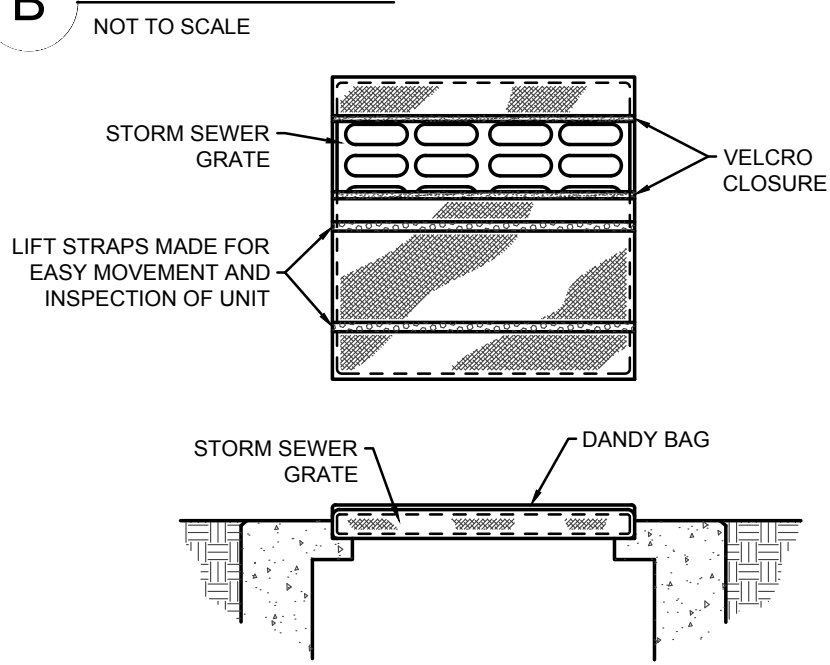
INSTALLATION NOTES:

- FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES.
- FILTER SOCKS INTENDED TO BE PERMANENT SHALL BE SEEDED AT TIME OF INSTALLATION.
- FILTER SOCKS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.

MAINTENANCE NOTES:

- ROUTINELY INSPECT FILTER SOCKS AFTER A RUNOFF EVENT, MAINTAINING FUNCTIONALITY AT ALL TIMES.
- REMOVE SEDIMENT COLLECTED AT THE BASE OF THE UPSLOPE SIDE OF THE FILTER SOCK WHEN SEDIMENT ACCUMULATION HAS REACHED 1/3 OF THE EXPOSED HEIGHT OF THE SOCK.
- WHERE THE FILTER SOCK IS DAMAGED, DETERIORATED, OR FAILS, IT SHALL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
- THE FILTER MEDIA WITHIN THE FILTER SOCK SHALL BE DISPERSED ON SITE ONCE THE DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED, OR WHEN NO LONGER REQUIRED IN SUCH A WAY AS TO FACILITATE AND NOT OBSTRUCT SEEDING.

B FILTER SOCK



INSTALLATION:

- STAND GRATE ON END. PLACE DANDY BAG OVER GRATE.
- FLIP GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK. TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY.
- HOLDING HANDLES, CAREFULLY PLACE DANDY BAG WITH THE GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

MAINTENANCE:

AFTER EACH STORM EVENT AND SILT HAS DRIED, REMOVE ACCUMULATED DEBRIS FROM THE SURFACE OF DANDY BAG WITH BROOM.

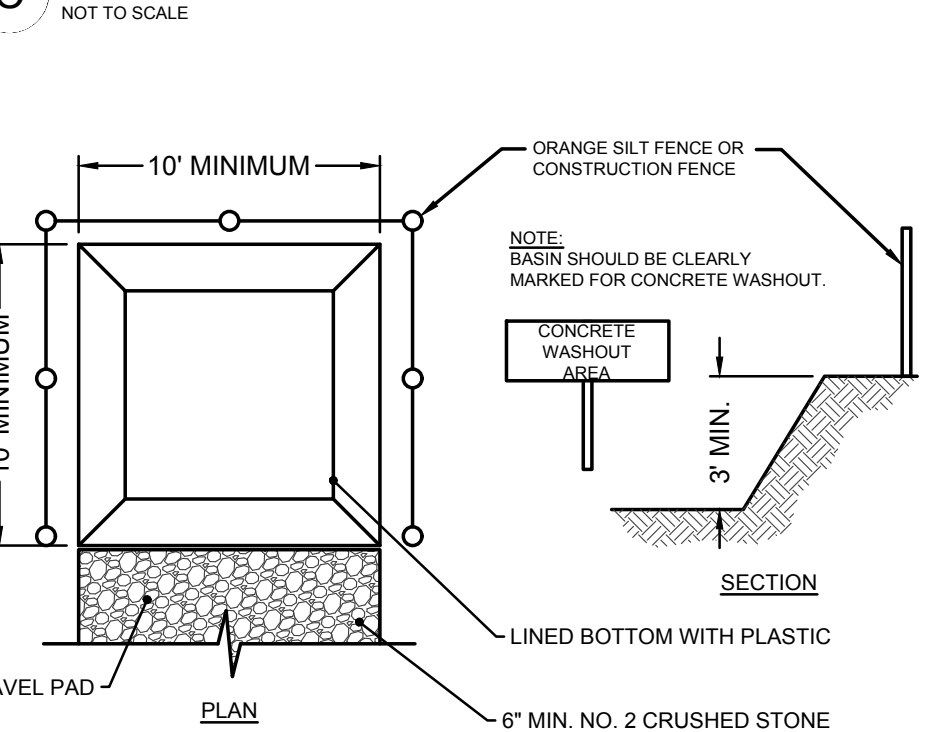
NOTE:

PROVIDE FOR INLETS LOCATED IN PAVEMENT

DANDY BAG WILL BE MANUFACTURED IN THE U.S.A. FROM A WOVEN MONOFLAMENT THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS

GRAB TENSILE STRENGTH	ASTM D 4832
GRAB TENSILE ELONGATION	ASTM D 4832
PUNCTURE STRENGTH	ASTM D 4833
MULLEN BURST STRENGTH	ASTM D 3786
TRAPEZOID TEAR STRENGTH	ASTM D 4533
UV RESISTANCE	ASTM D 4355
APPARENT OPENING SIZE	ASTM D 4751
FLOW RATE	ASTM D 4491
PERMITIVITY	ASTM D 4491

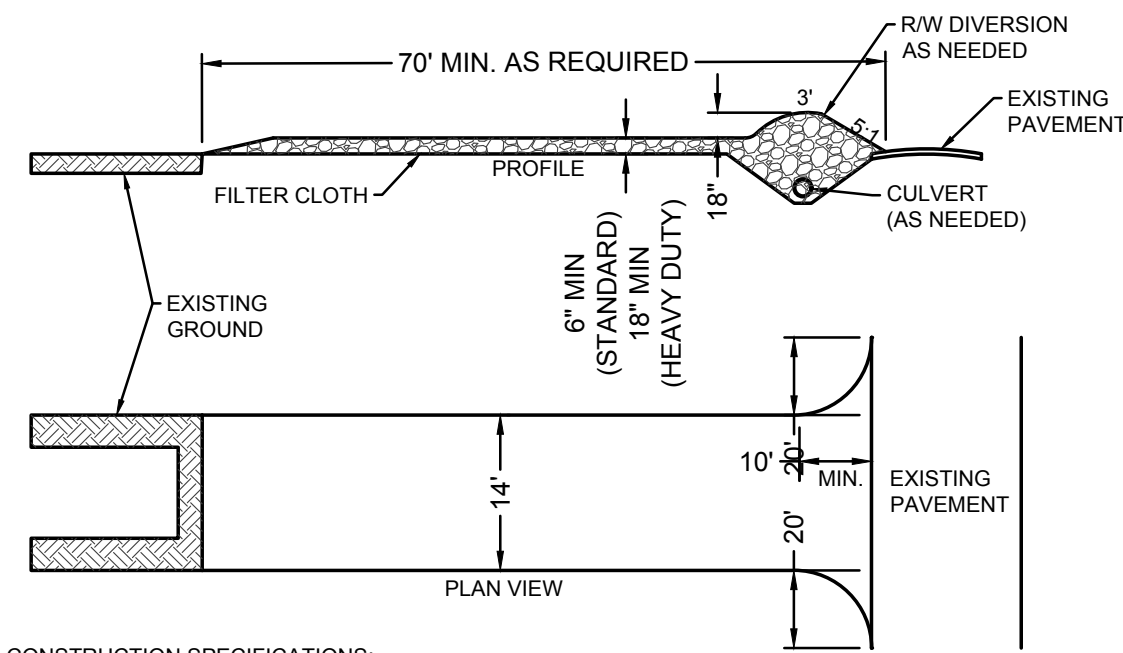
C DANDY BAG INLET PROTECTION



NOTE:

- ACTUAL LAYOUT DETERMINED IN THE FIELD, BY CONTRACTOR.
- THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

D CONCRETE WASHOUT AREA

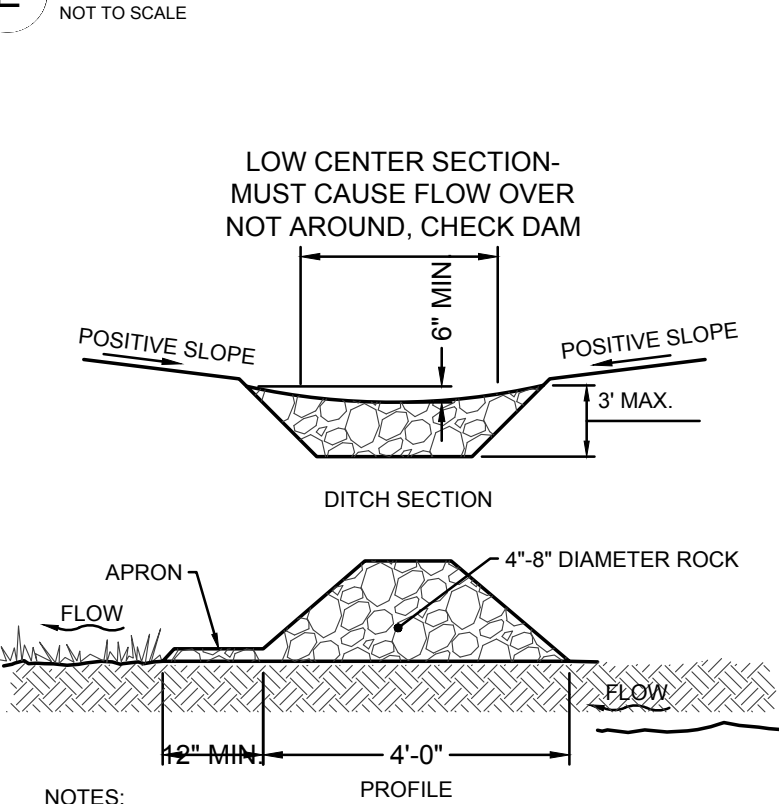


CONSTRUCTION SPECIFICATIONS:

- STONE SIZE—ODOT # 2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH—THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPTION: APPLY 30 FT. MINIMUM TO SINGLE RESIDENCE LOTS).
- THICKNESS—THE STONE LAYER SHALL BE AT LEAST 6 INCHES THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
- WIDTH—THE ENTRANCE SHALL BE AT LEAST 14 FEET WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS
- GEOTEXTILE—A GEOTEXTILE SHALL BE LAID OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:

GEOTEXTILE SPECIFICATION FOR CONSTRUCTION ENTRANCE	
MINIMUM TENSILE STRENGTH	200 lbs
MINIMUM PUNCTURE STRENGTH	80 psi
MINIMUM TEAR STRENGTH	50 lbs
MINIMUM BURST STRENGTH	320 psi
MINIMUM ELONGATION	20%
EQUIVALENT OPENING SIZE	EOS=0.6 mm
PERMITIVITY	1x10 ⁻² cm/sec

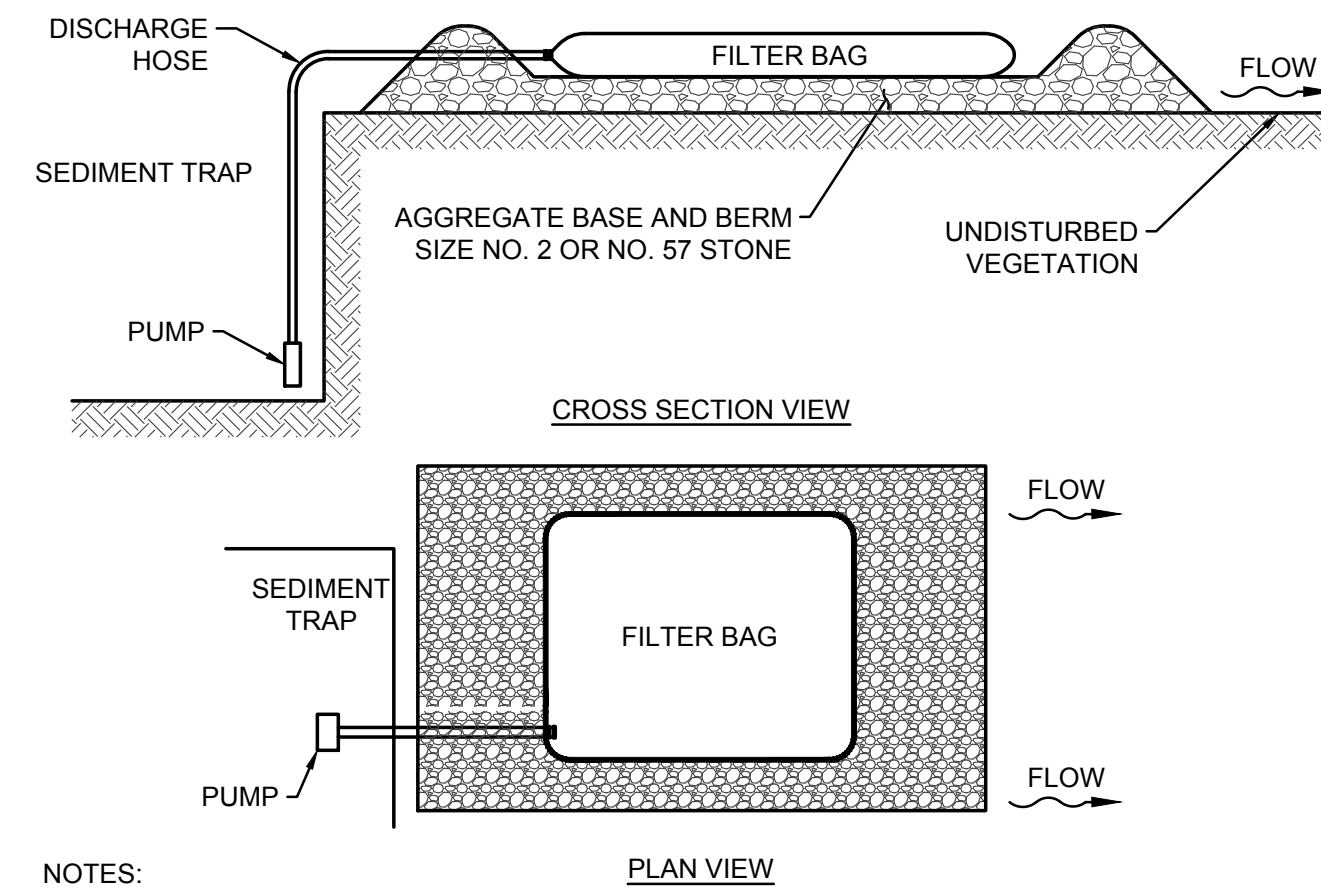
E CONSTRUCTION ENTRANCE



NOTES:

- CONSTRUCT CHECK DAM SUCH THAT THE CENTER IS 6" LOWER THAN THE OUTER EDGES.
- SPACE CHECK DAMS SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
- SIDE SLOPES SHALL BE A MINIMUM OF 2:1

F ROCK CHECK DAM



NOTES:

- THE CONTRACTOR SHALL PUMP MUDDY WATER DETAINED WITHIN THE SEDIMENT TRAP INTO A FILTER FABRIC BAG. THE BAG SHALL BE PLACED WITHIN A LEVEL UNDISTURBED AREA AS FAR AWAY FROM THE STORMWATER OUTFALL AS POSSIBLE. PLACE BAG ON TOP OF AN AGGREGATE PAD.
- A PERIMETER AGGREGATE BERM SHALL BE CONSTRUCTED AROUND THE BAG.
- PERIMETER SILT FENCE CONTROLS SHALL BE UTILIZED ALONG THE DOWNSTREAM SIDE OF THE BAG. INSTALL PERIMETER CONTROLS TO ENSURE THAT THE WATER FLOWING OUT OF THE BAG DOES NOT FLOW AROUND THE ENDS OF THE CONTROLS.
- UPON COMPLETION OF DRILLING ACTIVITIES, THE BAG SHALL BE REMOVED TO AN AREA AWAY FROM THE STORMWATER OUTFALL AND OPENED. REMOVE ACCUMULATED SEDIMENT AND PROPERLY DISPOSE OF THE MATERIAL. FILTER BAG SHALL BE JMD ENVIRO-PROTECTION FILTER BAG OR APPROVED EQUAL.

G DEWATERING FILTER BAG

NOT TO SCALE

- FILTER BAG SHALL BE REPLACED WHEN THE BAG IS HALF FILLED WITH SEDIMENT.

FILTER BAG SIZING**	
FILTER SIZE	MAX PUMPING RATE
5' x 15'	750 GPM
15' x 15'	1500 GPM
15' x 30'	3000 GPM

**THE AMOUNT OF DISCHARGE WATER A BAG CAN EFFECTIVELY HANDLE DEPENDS ON THE PUMP FLOW RATE, THE AMOUNT OF SEDIMENT IN THE WATER, THE SOIL CONDITIONS UNDER THE BAG, AND THE DEGREE OF THE SLOPE. BAG SHOULD BE CONTINUALLY MONITORED.

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EROSION CONTROL DETAILS

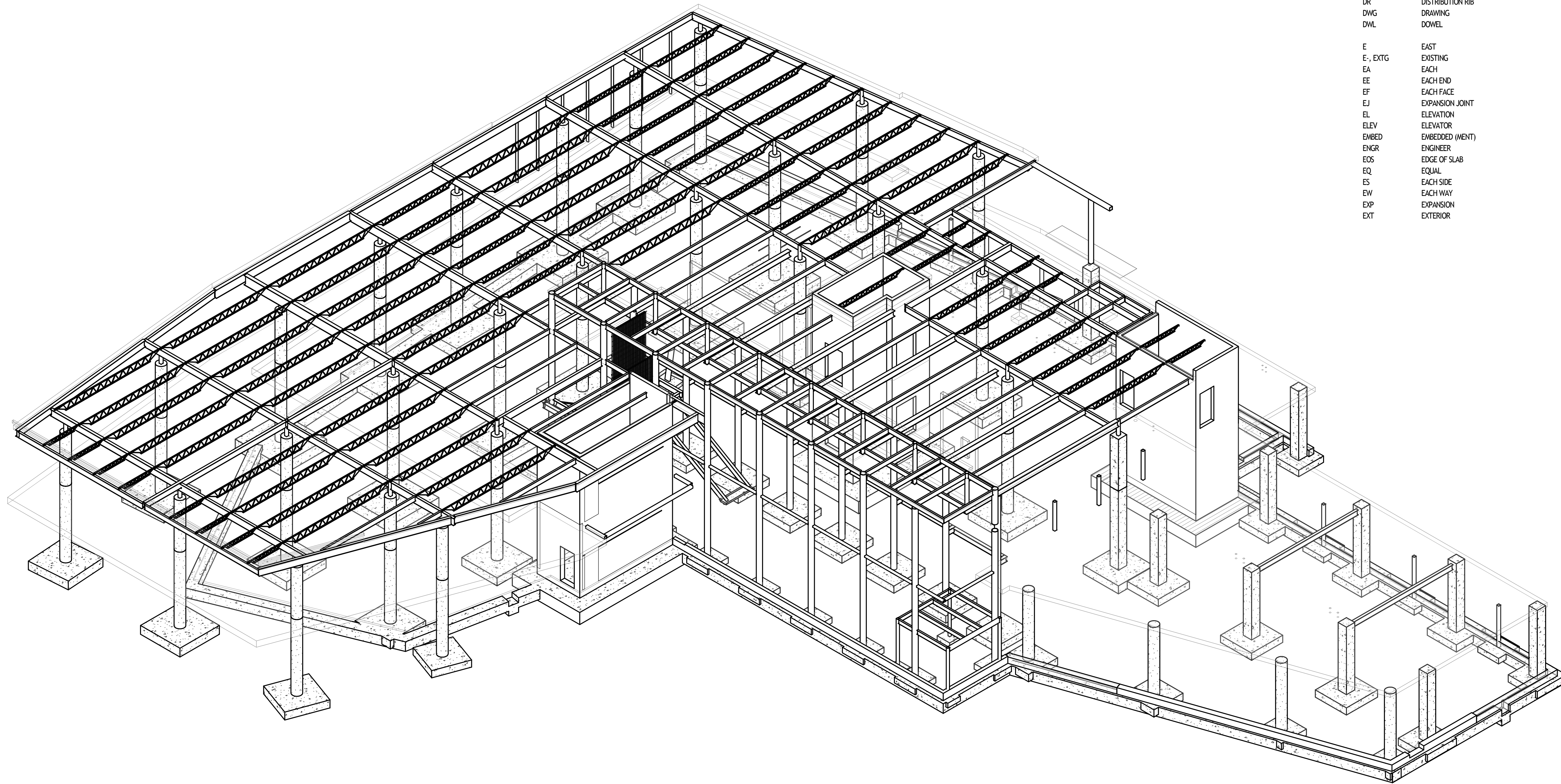
REVISIONS	DATE	DESCRIPTION

DATE:	10/5/2022
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COLUMBUS METROPOLITAN LIBRARY - REYNOLDSBURG, OHIO

ABBREVIATIONS

#	NUMBER	FAB	FROM ADJACENT BEAM	o/o	OUT-TO-OUT
#	POUND (S)	FABR	FABRICATE (OR)	OC	ON CENTER (S)
#/FT	POUNDS PER LINEAL FOOT	FD	FLOOR DRAIN	OD	OUTSIDE DIAMETER
CL	CENTERLINE	FPE	FINISHED FLOOR ELEVATION	OF	OUTSIDE FACE
PL	PLATE	FIN	FINISHED	OPNG	OPENING
Ø	DIAMETER	FL	FULL LENGTH	OPP	OPPOSITE (HAND)
AB	ANCHOR BOLT	FLR	FLOOR	OPT	OPTIONAL
ADDL	ADDITIONAL	FND	FOUNDATION	ORIG	ORIGINAL
ADJ	ADJACENT	FOM	FACE OF MASONRY	OSB	ORIENTED STRAND BOARD
AF	ABOVE FINISHED FLOOR	FOS	FACE OF SHEATHING	OSL	OUT STANDING LEG
AHC	ANCHOR	FOV	FACE OF VENEER	OWHD	OVERHEAD
APPROX	APPROXIMATELY	FS	FAR SIDE	OVS	OVERSIZED ROUND HOLES
ARCH	ARCHITECTURAL	FT	FEET, FOOT	P/C	PRECAST CONCRETE
		FTG	FOOTING	PAF	POWDER ACTUATED FASTENER (S)
B PL	BASE PLATE	GA	GAGE	PEMB	PRE-ENGINEERED METAL BUILDING
B, BOT	BOTTOM	GALV	GALVANIZED	PLF	POUND PER LINEAL FOOT
BLDG	BUILDING	GC	GENERAL CONTRACTOR	PLYWD	PLYWOOD
BLK	BLOCK	GEN	GENERAL	PNL	PANEL
BLKG	BLOCKING	GR	GRADE	PREL	PRELIMINARY
BM	BEAM	GRD	GROUND	PROJ	PROJECT
BRG	BEARING	GRTG	GRATING	PSF	POUNDS PER SQUARE FOOT
BRK	BRICK			PSI	POUNDS PER SQUARE INCH
BS	BOTH SIDES	H, HORIZ	HORIZONTAL	PSL	PARALLEL STRAND LUMBER
BSMT	BASMENT	HD	HEADED	QTY	QUANTITY
BTWN	BETWEEN	HK	HOOK	RD	ROOF DRAIN
		HS	HIGH STRENGTH	REF	REFERENCE
c/c	CENTER-TO-CENTER	HVAC	HEATING VENTILATING AIR CONDITIONING	REIN	REINFORCE (ING, ED)
CB	CONCRETE BEAM	ID	INSIDE DIAMETER (DIMENSION)	REQ	REQUIRED
CE	CONTINUOUS END	IF	INSIDE FACE	REQD	REQUIRED
CFWF	COLD FORMED METAL FRAMING	IN	INCH	REV	REVISION (ION, ED)
CJ	CONTROL JOINT	INT	INTERIOR, INTERMEDIATE	RF	ROOF
CLR	CLEAR	JST	JOIST	RM	ROOM
CMU	CONCRETE MASONRY UNIT	JT	JOINT	RTU	ROOF TOP UNIT
COL	COLUMN			S	SOUTH
CONC	CONCRETE	KP	KIP (1000 POUNDS)	SC	SLIP-CRITICAL
CONN	CONNECT (ION)	KSF	KIPS PER SQUARE FOOT	SCHED	SCHEDULE
CONST	CONSTRUCT (ION)	LAT	LATERAL	SECT	SECTION
CONT	CONTINUOUS (ACTION)	LBS, #	POUNDS	SHT	SHEET
CONTR	CONTRACTOR	LG	LONG	SIM	SIMILAR
CTR	CENTER	LL	LONG LEG	SP	SLOPE (S)
CW	CURTAIN WALL	LLH	LONG LEG HORIZONTAL	SPC	SPECIFICATION (S)
CY	CUBIC YARDS	LLV	LONG LEG VERTICAL	SPL	SPLICE
		LNTEL	LINEAL	SQ	SQUARE
DA	DRILLED ANCHOR	LOC	LOCATION	SS	STAINLESS STEEL
DBL	DOUBLE	LSH	LONG SIDE HORIZONTAL	SSL	SHORT SLOTTED HOLES
DBLS	DOUBLE TIES	LSL	LONG SLOTTED HOLES	SSR	SHEAR STUD RAHS
DE	DISCONTINUOUS END	LSV	LONG SIDE VERTICAL	STA	STATION
DET	DETAIL	LVL	LAMINATED VENEER LUMBER	STD	STANDARD
DIA	DIAMETER	LW	LONG WAY	STIFF	STIFFENER
DIAG	DIAGONAL	MAS	MASONRY	STL	STEEL
DIM	DIMENSION	MATL	MATERIAL	STRUCT	STRUCTURE (AL)
DL	DEAD LOAD	MAX	MAXIMUM	SVC	SERVICE
DR	DISTRIBUTION RIB	MBR	MEMBER	SW	SHORT WAY
DWG	DRAWING	MECH	MECHANICAL	SYM	SYMMETRICAL
DWL	DOVEL	MEZZ	MEZZANINE	T	TOP
		MFR	MANUFACTURE (R)	T&B	TOP AND BOTTOM
E	EAST	MIN	MINIMUM	TJ	TOP OF
E, EXTG	EXISTING	MISC	MISCELLANEOUS	TEMP	TEMPERATURE, TEMPORARY
EA	EACH	MO	MASONRY OPENING	THD	THREADED
EE	EACH END	MPH	MILES PER HOUR	THK	THICK (NESS)
EJ	EACH FACE	MTL	METAL	TOS	TOP OF STEEL
EJ	EXPANSION JOINT	N	NORTH	TOSL	TOP OF SLAB
EL	ELEVATION	N/A	NOT APPLICABLE	TOT	TOTAL
ELEV	ELEVATOR	NF	NEAR FACE	TYP	TYPICAL
EMBED	EMBEDDED (MENT)	NIC	NOT IN CONTRACT	UN	UNLESS NOTED
ENGR	ENGINEER	NO, #	NUMBER	UNO	UNLESS NOTED OTHERWISE
EOS	EDGE OF SLAB	NOM	NOMINAL	V	VERTICAL
EQ	EQUAL	NS	NEAR SIDE	VERT	VERTICAL
ES	EACH SIDE	NSH	NORMAL SLOTTED HOLES	W	WEST
EW	EACH WAY	NTS	NOT TO SCALE	W/	WITH
EXP	EXPANSION			W/C	WATER/CEMENT RATIO
EXT	EXTERIOR			W/O	WITHOUT
				WD	WOOD
				WL	WIND LOAD
				WP	WORK (ING) POINT
				WT	WEIGHT
				WWR	WELDED WIRE REINFORCING
				XX	EXTRA STRONG
				XXS	DOUBLE EXTRA STRONG

SHEET LIST

Sheet Number	Sheet Name
S001	STRUCTURAL COVER SHEET
S002	GENERAL NOTES
S003	SPECIAL INSPECTIONS
S010	GRAPHICAL CONCRETE COLUMN SCHEDULE
S011	SCHEDULES
S012	ROOF JOIST UPLIFT DIAGRAM
S101	FOUNDATION PLAN
S102	SECOND FLOOR & LOW ROOF POST-TENSION PLAN
S102A	SECOND FLOOR & LOW ROOF MILD REINFORCING PLAN
S103	HIGH ROOF FRAMING PLAN
S201	TYPICAL FOUNDATION SECTIONS & DETAILS
S201	FOUNDATION SECTIONS & DETAILS
S210	TYPICAL FLOOR FRAMING SECTIONS & DETAILS
S211	SECOND FLOOR SECTIONS & DETAILS
S212	SECOND FLOOR & LOW ROOF SECTIONS & DETAILS
S213	VESTIBULE SECTIONS
S220	TYPICAL ROOF FRAMING DETAILS
S221	ROOF FRAMING SECTIONS & DETAILS
S222	ROOF FRAMING SECTIONS & DETAILS

REVISION SCHEDULE

#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01

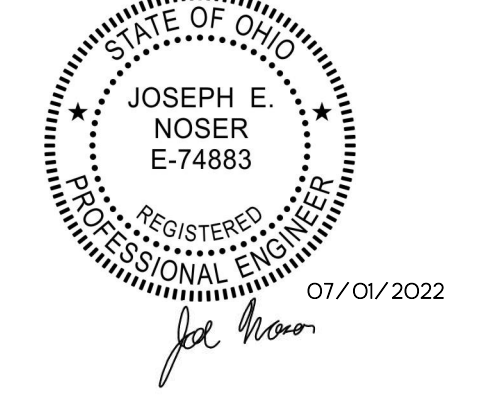
PROJECT NAME :

CML REYNOLDSBURG
1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

100% CONSTRUCTION DOCUMENTS
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ISSUE DATE : 06/10/2022

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STRUCTURAL ENGINEERING
1166 Dublin Road Suite 200
Columbus, OH 43215-1038
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STRUCTURAL COVER SHEET

S001

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010000 - GENERAL STRUCTURAL NOTES

- 1. THE GENERAL STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS AND SPECIFICATIONS... SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS, SPECIFICATIONS AND THE GENERAL STRUCTURAL NOTES...

- 8. MECHANICAL FRAMING LOADS, OPENINGS, AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR BIDDING PURPOSES ONLY... CONTRACTOR SHALL OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK...

COMPONENTS AND CLADDING

Table with columns for COMPONENTS AND CLADDING, ROOF, PARAPET, WALLS. Includes wind speed, exposure category, and various pressure/wind load data.

030000 - CAST-IN-PLACE CONCRETE

- 1. SPECIFICATIONS AND STANDARDS: CONCRETE WORK, DETAILING, FABRICATION AND PLACING OF BARS AND CONCRETE SHALL BE GOVERNED BY THE APPLICABLE VERSION OF ACI 301, ACI 315, AND ACI 318...

SUBMIT CONCRETE MIXES FOR APPROVAL IN ACCORDANCE WITH ACI 301 BEFORE PLACING ANY CONCRETE. ALL MIXES SHALL INCLUDE ASTM C150 PORTLAND CEMENT AND ALL AGGREGATE SHALL CONFORM TO ASTM C33.

- 4. REINFORCING REQUIREMENTS: A. BARS: ASTM A615, GRADE 60. B. WELDED WIRE REINFORCEMENT: ASTM A185. C. SMOOTH BARS: ASTM A36. D. SEVEN WIRE STRAND (GRADE 270) - ASTM A416...

- 5. POST INSTALLED WEDGE ANCHORS: A. THE ANCHOR SHALL COMPLY WITH THE APPLICABLE VERSION OF IRC AND BE CERTIFIED BY AN ICC-ES EVALUATION REPORT... B. THE ANCHOR SYSTEM SHALL MEET THE REQUIREMENTS OF ACI 308.2, EVALUATED FOR USE IN CRACKED CONCRETE...

- 9. SLABS, JOIST AND BEAMS: A. IF NO OTHER REINFORCING IS SHOWN IN A SLAB ON GRADE, PROVIDE 6x6 #11 4xW1.4 WWR AT MID-THICKNESS OF SLAB... B. STEEL STAIRS AND RAILINGS: C. COLD FORMED METAL FRAMING - NON-LOAD BEARING CURTAINWALL...

LAP SPlice SCHEDULE

Table showing LAP SPlice SCHEDULE for TOP BAR and OTHER BAR with columns for BAR SIZE, LAP CLASS, and FC values.

- 12. OPENINGS: A. OPENINGS SHOWN ARE FOR BIDDING PURPOSES ONLY... B. IF ANY OPENING NOT SHOWN ON THE PLAN IS REQUIRED, APPROVAL MUST BE SECURED FROM THE STRUCTURAL ENGINEER... 13. COVER: A. MINIMUM CONCRETE COVER, UNLESS NOTED OTHERWISE...

033816 - POST-TENSIONED BEAM AND SLAB STRESSING SEQUENCE NOTES

- 1. BEGIN PARTIAL POST-TENSIONING WITHIN 24 HOURS OF CONCRETE PLACEMENT TO MINIMIZE THE OCCURRENCE OF SHRINKAGE AND TEMPERATURE CRACKING... 2. BEGIN PARTIAL STRESSING OPERATIONS IN THE FOLLOWING SEQUENCE: A. STRESS UNIFORM SLAB TENDONS...

040000 CONCRETE UNIT MASONRY

- 1. COMPRESSIVE STRENGTH OF MASONRY (Fm) 2,500 PSI, DETERMINED BY UNIT STRENGTH OR PRISM METHOD... 2. MASONRY MATERIALS: A. HOLLOW AND SOLID LOAD BEARING CONCRETE MASONRY UNITS - ASTM C90 - NOMINAL WEIGHT, NET COMPRESSIVE STRENGTH OF CMU = 3,250 PSI...

CMU LAP SPlice SCHEDULE (Fm=2000 PSI)

Table showing CMU LAP SPlice SCHEDULE with columns for BAR SIZE and LAP SPlice LENGTH (IN).

- NOTES: CENTERED & EDGE REFER TO THE REINFORCING BAR POSITION IN MASONRY WALL... 3. REINFORCED MASONRY: A. INSTALL REINFORCING BARS IN LOCATIONS SHOWN... B. GROUT BLOCK WITH COARSE MASONRY GROUT VIBRATED IN PLACE TO FILL ALL VOIDS AND INTERSTICES... 4. CONTROL JOINTS: A. INSTALL CONTROL JOINTS IN ALL MASONRY WALLS AS INDICATED ON PLAN AND AT A SPACING NOT TO EXCEED THE LESSER OF THREE TIMES THE WALL HEIGHT OR 24 FEET ON CENTER...

052100 - STEEL JOIST FRAMING

- 1. DESIGN, MANUFACTURING, AND ERECTION: ACCORDING TO THE STANDARD SPECIFICATIONS, LOAD TABLES & WEIGHT TABLES FOR STEEL JOISTS & JOIST GIRDERS ADOPTED BY THE STEEL JOIST INSTITUTE... 2. STEEL JOISTS OF THE SAME DEPTH AND CHORD DESIGNATION SHALL HAVE MEMBER SIZES OF UNIFORM CONSISTENCY... 3. PAINT ALL JOISTS WITH MANUFACTURERS STANDARD SHOP PRIMER UNLESS OTHERWISE SPECIFIED BY THE ARCHITECT...

053100 - STEEL DECKING

- 1. SPECIFICATIONS AND STANDARDS: A. DESIGN FABRICATION AND ERECTION OF STEEL DECK SHALL BE GOVERNED BY THE CURRENT EDITION OF THE AMERICAN IRON AND STEEL INSTITUTE... B. PROPERTIES OF THE STRUCTURAL STEEL DECK SHALL BE COMPUTED IN ACCORDANCE WITH THE REFERENCE STANDARD... C. AWS STANDARD WELDING SYMBOLS... 2. PRODUCTS: A. ACOUSTICAL ROOF DECK (VERSA-DEK 2.0 LS ES ACOUSTICAL): B. GALVANIZED STEEL DECK: ASTM A653, STRUCTURAL STEEL (SS), GRADE 40 MIN, G60 ZINC COATING...

054000 - COLD-FORMED METAL FRAMING

- 1. SPECIFICATIONS AND STANDARDS: A. STRUCTURAL PROPERTIES OF COLD-FORMED METAL FRAMING SHALL BE COMPUTED IN ACCORDANCE WITH AISI SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS... B. WELDING SHALL BE PERFORMED ONLY BY QUALIFIED OPERATORS USING PROPER EQUIPMENT... C. AWS STANDARD WELDING SYMBOL... 2. MATERIALS: A. ALL STUDS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1 5/8" AND BE A MINIMUM OF 18 GAUGE (33 MIL) WHERE USED AS BRICK BACK-UP...

REVISION SCHEDULE table with columns for #, DATE, REVISION DESCRIPTION

Table with columns for #, DATE, REVISION DESCRIPTION showing a revision on 10.07.22 for Addendum 01

PROJECT NAME : CML REYNOLDSBURG

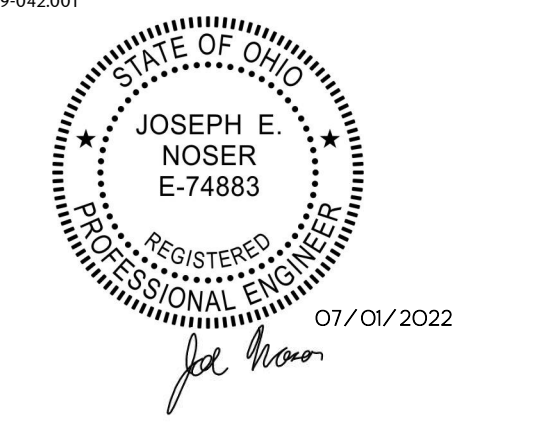
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100% CONSTRUCTION DOCUMENTS ISSUED FOR BIDDING AND PERMITS

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07/01/2022

GENERAL NOTES

S002

Part 1: Schedule of Special Inspections. STATEMENT OF SPECIAL INSPECTIONS. 1. SPECIAL INSPECTION FREQUENCY DEFINITIONS. A. CONTINUOUS: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.

Part 1: Schedule of Special Inspections. VERIFICATION AND INSPECTION TASK. FREQUENCY OF INSPECTION. REFERENCE FOR CRITERIA. IBC SECTION. REMARKS. IBC 1705.2 STEEL CONSTRUCTION. FABRICATOR AND ERECTOR DOCUMENTS VERIFY REPORTS AND CERTIFICATES AS LISTED IN AISC 360, CHAPTER N, PARAGRAPH 3.2 FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS. EACH SUBMITTAL. AISC 360-10. 1705.2.

TABLE N5.4-1 (AISC 360-10, PER 1705.2.1). WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE. MATERIAL IDENTIFICATION (TYPE/GRADE). WELDER IDENTIFICATION SYSTEM. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY).

TABLE N5.4-2 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS DURING WELDING OF STRUCTURAL STEEL. USE OF QUALIFIED WELDERS. CONTROL AND HANDLING OF WELDING CONSUMABLES: PACKAGING, EXPOSURE CONTROL. NO WELDING OVER CRACKED TACK WELDS. ENVIRONMENTAL CONDITIONS: WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE.

Part 1: Schedule of Special Inspections. VERIFICATION AND INSPECTION TASK. FREQUENCY OF INSPECTION. REFERENCE FOR CRITERIA. IBC SECTION. REMARKS. TABLE N5.6-1 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS PRIOR TO BOLTING OF STRUCTURAL STEEL. MANUFACTURER CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).

Part 1: Schedule of Special Inspections (CONT). VERIFICATION AND INSPECTION TASK. FREQUENCY OF INSPECTION. REFERENCE FOR CRITERIA. IBC SECTION. REMARKS. TABLE N5.4-3 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS AFTER WELDING OF STRUCTURAL STEEL. WELDS CLEANED. SIZE, LENGTH, AND LOCATION OF WELDS.

TABLE N5.4-3 (AISC 360-10, PER 1705.2.1). WELDS CLEANED. SIZE, LENGTH, AND LOCATION OF WELDS. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY.

TABLE N5.4-3 (AISC 360-10, PER 1705.2.1). WELDS CLEANED. SIZE, LENGTH, AND LOCATION OF WELDS. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY.

TABLE N5.4-3 (AISC 360-10, PER 1705.2.1). WELDS CLEANED. SIZE, LENGTH, AND LOCATION OF WELDS. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY. ARC STRIKES, K-AREA, BACKING REMOVED AND WELD TABS REMOVED, REPAIR ACTIVITIES, DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER, C/P GROOVE WELD NDT.

Part 1: Schedule of Special Inspections. VERIFICATION AND INSPECTION TASK. FREQUENCY OF INSPECTION. REFERENCE FOR CRITERIA. IBC SECTION. REMARKS. TABLE N5.6-1 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS PRIOR TO BOLTING OF STRUCTURAL STEEL. MANUFACTURER CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).

Part 1: Schedule of Special Inspections (CONT). VERIFICATION AND INSPECTION TASK. FREQUENCY OF INSPECTION. REFERENCE FOR CRITERIA. IBC SECTION. REMARKS. TABLE N5.6-3 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS AFTER BOLTING OF STRUCTURAL STEEL. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

TABLE N5.6-3 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS AFTER BOLTING OF STRUCTURAL STEEL. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS. INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT. PLACEMENT AND INSTALLATION OF STEEL DECK. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.

TABLE N5.6-3 (AISC 360-10, PER 1705.2.1). INSPECTION TASKS AFTER BOLTING OF STRUCTURAL STEEL. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS. INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT. PLACEMENT AND INSTALLATION OF STEEL DECK. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.

Part 1: Schedule of Special Inspections. TABLE 3.1.2 (TMS 402-13/ACI 530-13/ASCE 5-13, PER IBC 1705.4). LEVEL B QUALITY ASSURANCE OF MASONRY CONSTRUCTION. VERIFICATION AND INSPECTION. FREQUENCY OF INSPECTION. REFERENCE. REMARKS. 1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS.

Part II: List of Special Inspectors. ITEM. INSPECTION COMPANY. NAME OF INSPECTOR. FABRICATORS (1704.2.5 IBC). STEEL CONSTRUCTION (1705.2 IBC). CONCRETE CONSTRUCTION (1705.3 IBC). MASONRY CONSTRUCTION (1705.4 IBC). WOOD CONSTRUCTION (1705.5 IBC). SOILS (1705.6 IBC). PILE FOUNDATION (1705.7 IBC). PIER FOUNDATION (1705.8 IBC). HELICAL PILE FOUNDATION (1705.9 IBC).

Part 1: Schedule of Special Inspections. IBC TABLE 1705.3. REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION. VERIFICATION AND INSPECTION. CONTINUOUS. PERIODIC. REFERENCED STANDARDS A. IBC SECTION. REMARKS.

IBC TABLE 1705.3. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT. INSPECTION OF REINFORCING STEEL WELDING. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16". INSPECT ALL OTHER WELDS. INSPECTION OF ANCHORS CAST IN CONCRETE. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.

A. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE. REFERENCE CODE IS ACI 318-14. B. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES, WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED. SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

Part 1: Schedule of Special Inspections. IBC TABLE 1705.6. REQUIRED VERIFICATION AND INSPECTION OF SOILS. VERIFICATION AND INSPECTION TASK. CONTINUOUS DURING TASK LISTED. PERIODICALLY DURING TASK LISTED. REMARKS. 1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. 2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS. 3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS. 4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL. 5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY SITE HAS BEEN PREPARED PROPERLY.

Part II: List of Special Inspectors. ITEM. INSPECTION COMPANY. NAME OF INSPECTOR. FABRICATORS (1704.2.5 IBC). STEEL CONSTRUCTION (1705.2 IBC). CONCRETE CONSTRUCTION (1705.3 IBC). MASONRY CONSTRUCTION (1705.4 IBC). WOOD CONSTRUCTION (1705.5 IBC). SOILS (1705.6 IBC). PILE FOUNDATION (1705.7 IBC). PIER FOUNDATION (1705.8 IBC). HELICAL PILE FOUNDATION (1705.9 IBC).

REVISION SCHEDULE. #. DATE. REVISION DESCRIPTION. 1 | 07.05.22 | Addendum 01

PROJECT NAME: CML REYNOLDSBURG. 1402 BRICE ROAD. REYNOLDSBURG, OHIO 43068. 100% CONSTRUCTION DOCUMENTS ISSUED FOR BIDDING AND PERMITS

ISSUE DATE: 06/10/2022

SMBH STRUCTURAL ENGINEERING. 1166 Dublin Road Suite 200 Columbus, OH 43215-1038 614-481-9800 www.smbhinc.com (614) 481-9800. JOSEPH E. NOSER E-74883. 07/01/2022. SPECIAL INSPECTIONS. S003

GRAPHICAL COLUMN SCHEDULE

ROOF 128'-0"																									ROOF 128'-0"										
SECOND FLOOR 114'-0"																									SECOND FLOOR 114'-0"										
FIN FLR 100'-0"																									FIN FLR 100'-0"										
Column Locations	A-6	A-2.7	B-2	B-2.5	B-3	B-4	B-5	B-6	B-7	C-2	C-2.5	C-5	C-6	C-2.7	C-5.6	D-1	D-2	E-1	E-2.5	F-1	F-2.4	G-1.5	G-2.4	H-1.5	H-2.4	I-1.5	I-2.4	J-1.5	J-2.4	RA-2	RA-2.5	RA-3	RA-4	RA-5	

ROOF 128'-0"								ROOF 128'-0"
SECOND FLOOR 114'-0"								SECOND FLOOR 114'-0"
FIN FLR 100'-0"								FIN FLR 100'-0"
Column Locations	B-R1	C-R1	G-R2	H-R2	I-R2	J-R2	R1-RA	

- ALL VERTICAL REINFORCEMENT SHALL BE HOOKED AT THE BOTTOM OF FOUNDATIONS AND SHALL TERMINATE WITH A HOOK AT TOP UNLESS NOTED OTHERWISE.
- ALL VERTICAL REINFORCEMENT LAP SPlice LENGTHS SHALL BE CLASS B TENSION LAPS.
- PROVIDE 1 1/2" CLEAR COVER TO THE REINFORCEMENT FOR INTERIOR COLUMNS & 2" CLEAR COVER FOR EXTERIOR COLUMNS.
- SEE THIS SHEET FOR TYPICAL COLUMN REINFORCEMENT PLACEMENT TYPES.

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01

PROJECT NAME :

CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

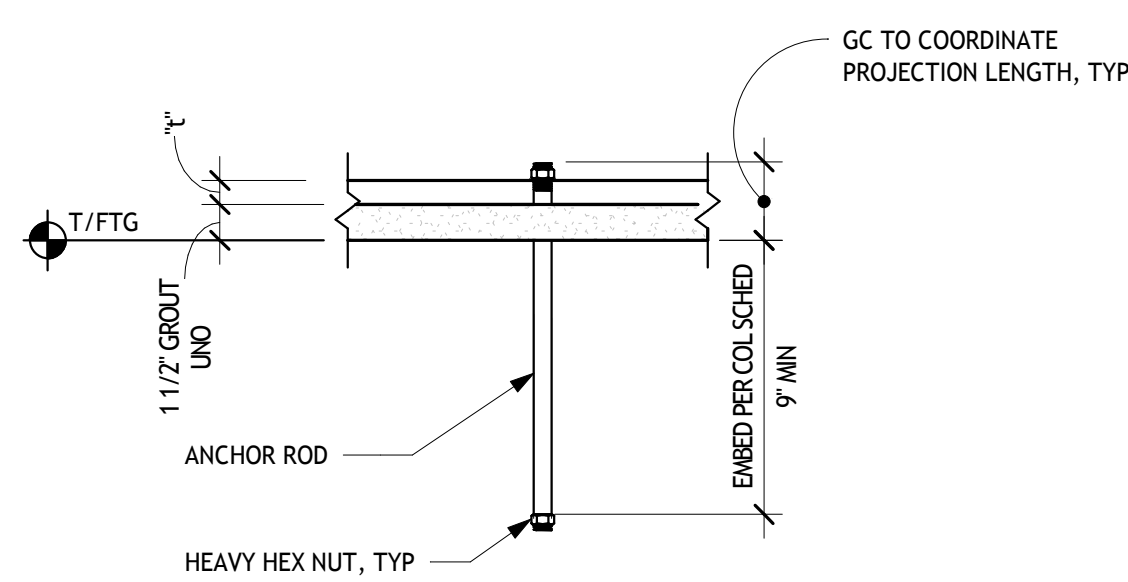
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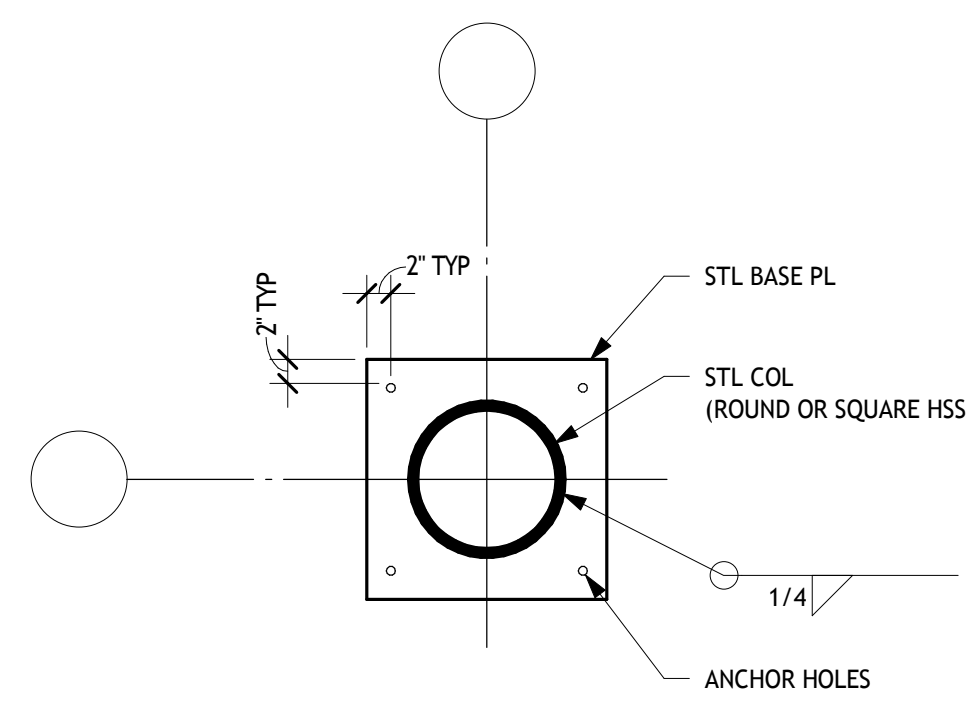
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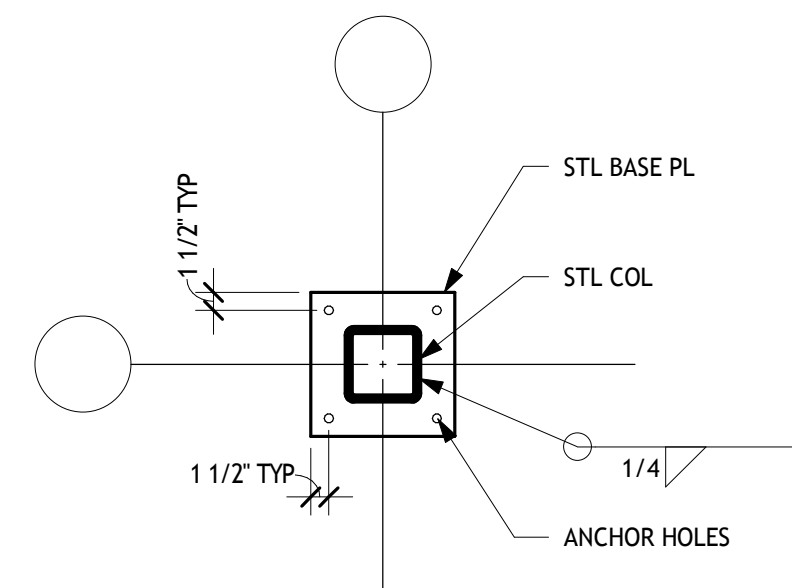
STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
JOSEPH E. NOSER
E-74883
01/01/2022



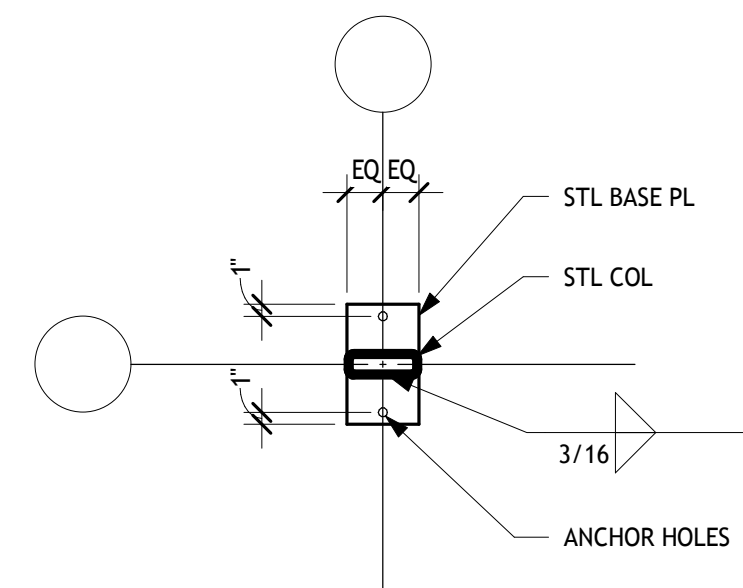
TYPICAL ANCHOR ROD DETAIL UNO
NO SCALE



TYPE A

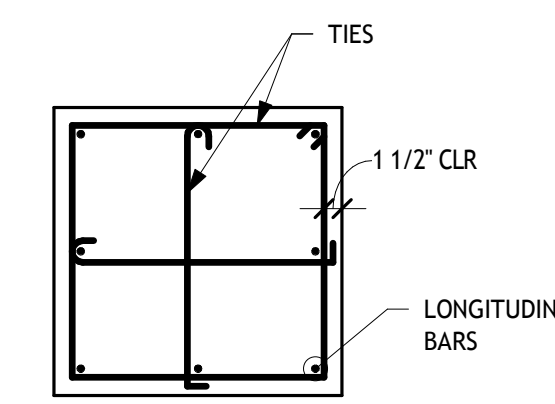


TYPE B

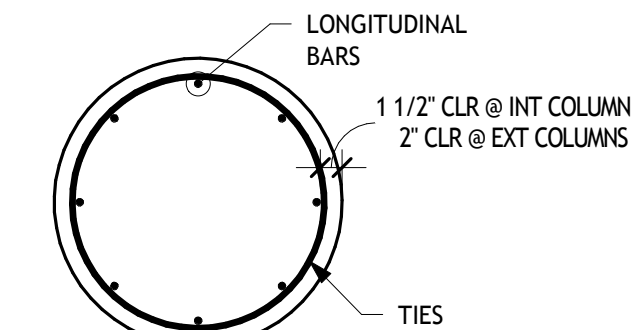


TYPE C

STEEL BASE PLATE TYPES
NO SCALE



TYPE I

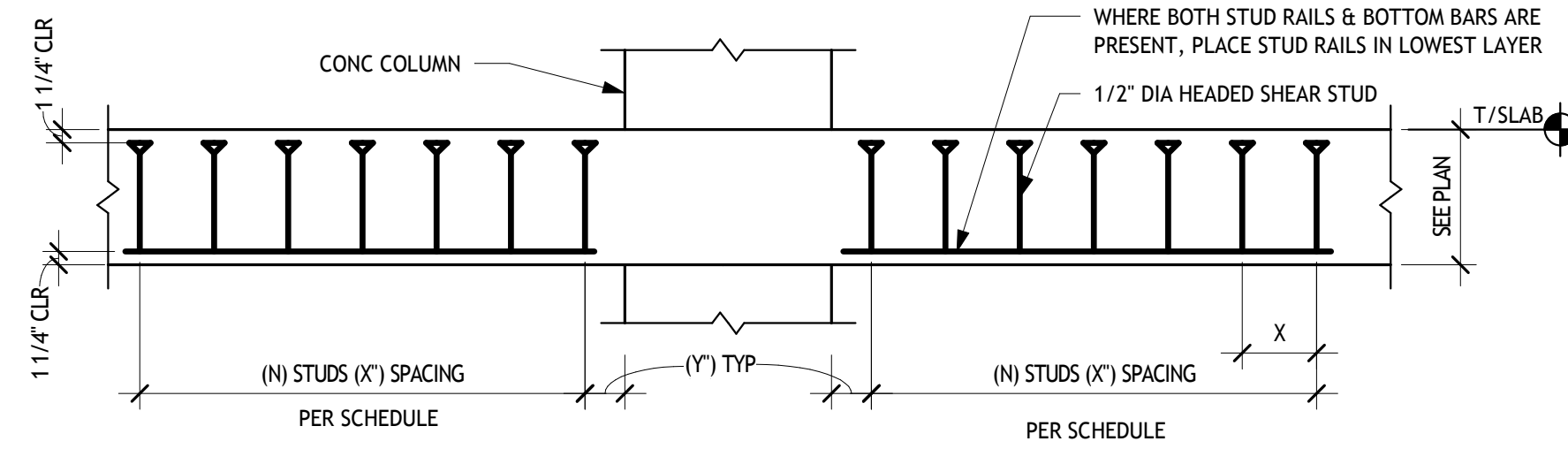


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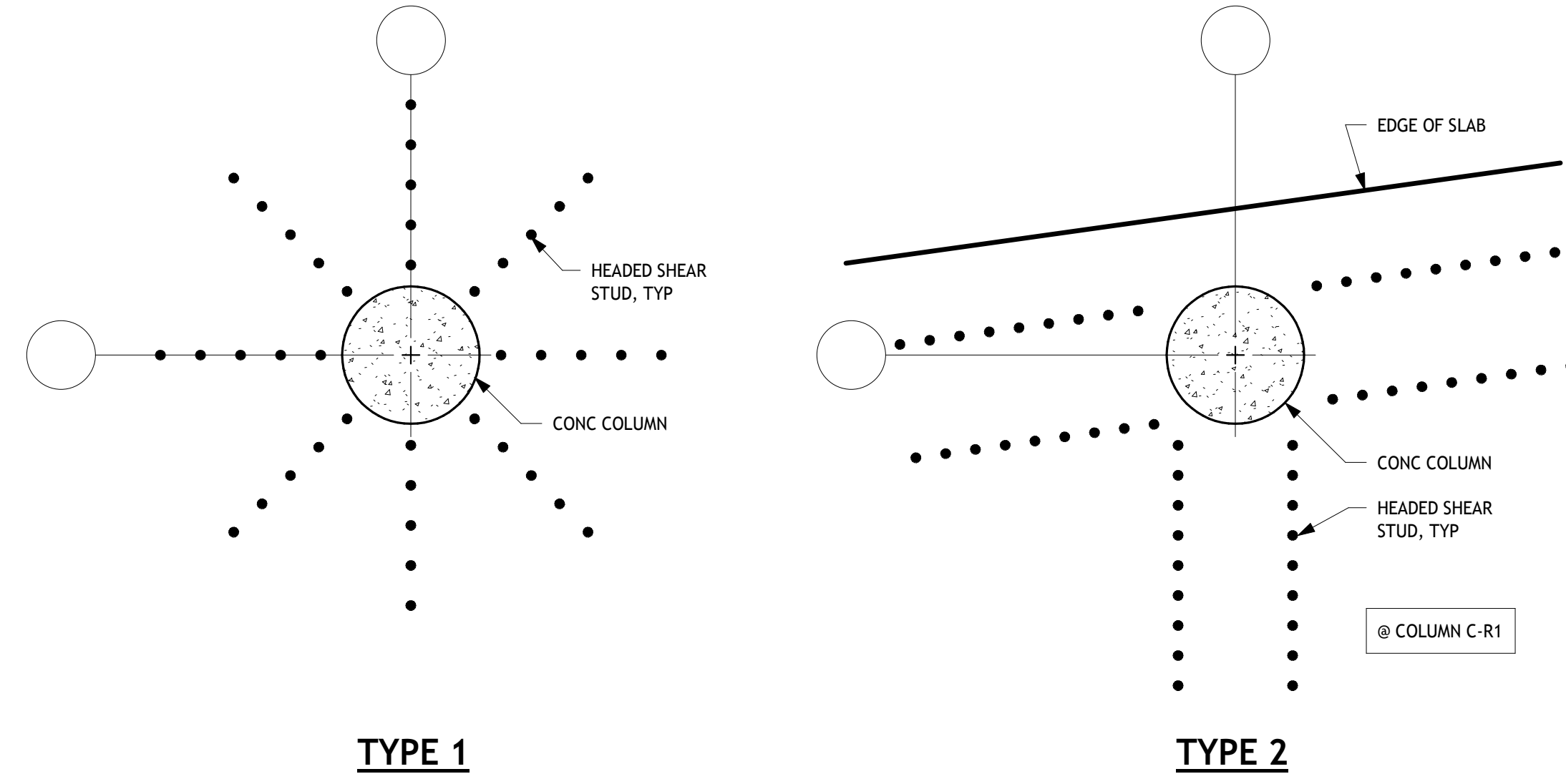
TYPICAL CONCRETE COLUMN REINFORCING PLACEMENT TYPES

NOTE:
1. SEE GRAPHICAL CONCRETE COLUMN SCHEDULE THIS SHEET FOR REBAR SIZE AND SPACING.

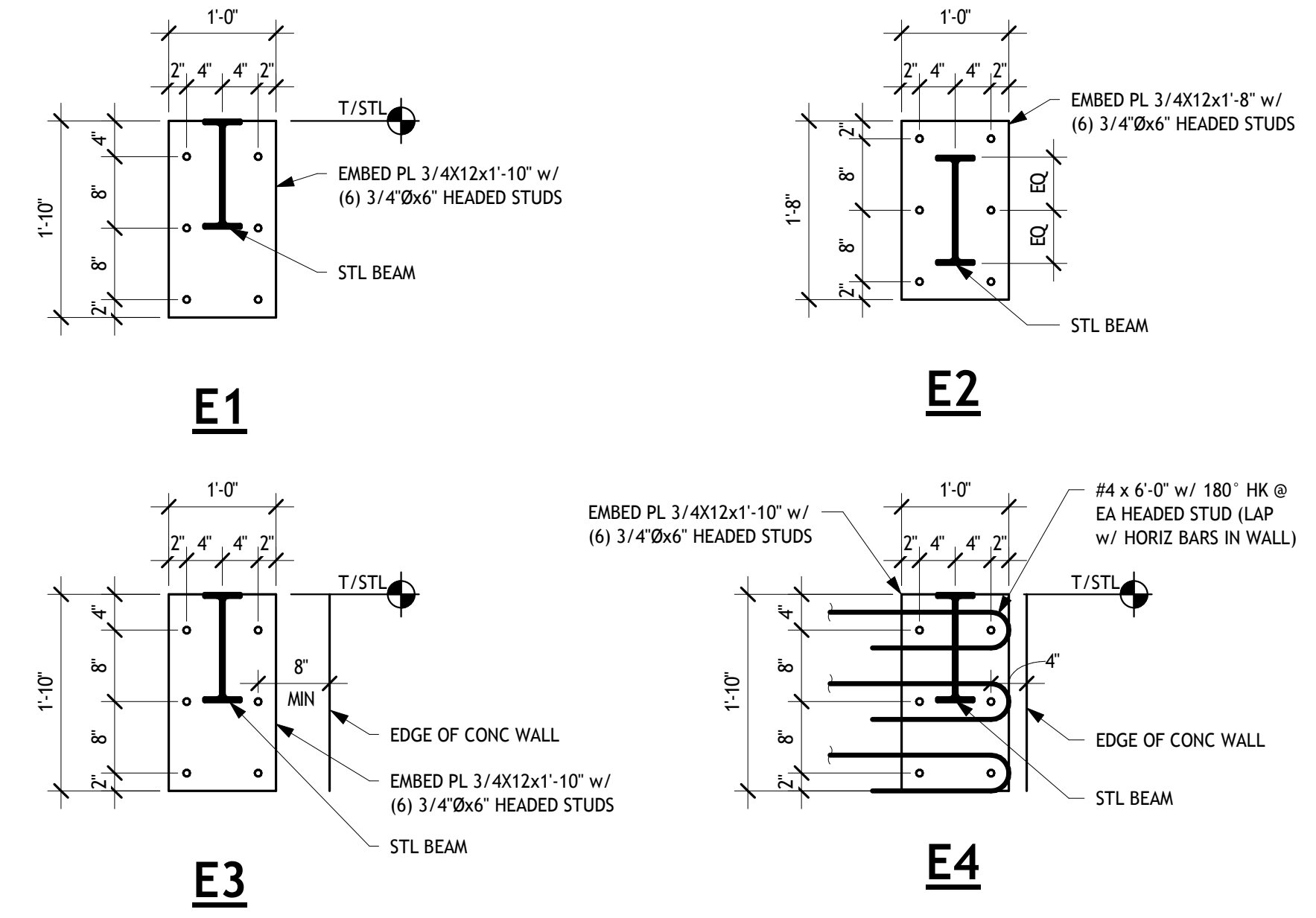
GRAPHICAL CONCRETE COLUMN SCHEDULE



SHEAR STUD RAIL SCHEDULE					
MARK	# OF RAILS	(N) # OF STUDS/RAIL	(X) STUD SPACING	(Y) FIRST STUD SPACING	LAYOUT TYPE
SSR1	8	4	3-1/4"	4-3/8"	1
SSR2	8	7	4-1/2"	4-1/2"	1
SSR3	8	11	2-3/4"	2-3/4"	1
SSR4	8	10	3-1/4"	3-1/4"	1
SSR5	8	8	3-3/4"	3-3/4"	1
SSR6	6	9	3-3/4"	3-3/4"	2
SSR7	8	8	4"	4"	1
SSR8	8	6	4-1/2"	4-1/2"	1



SHEAR STUD RAIL LAYOUT TYPES



EMBED PLATE TYPES

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01

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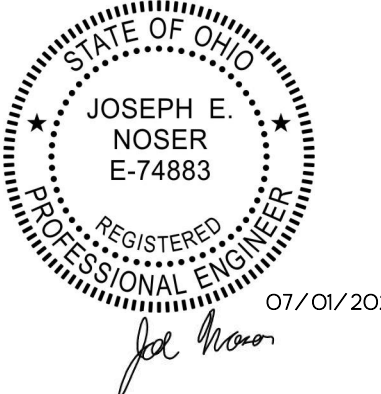
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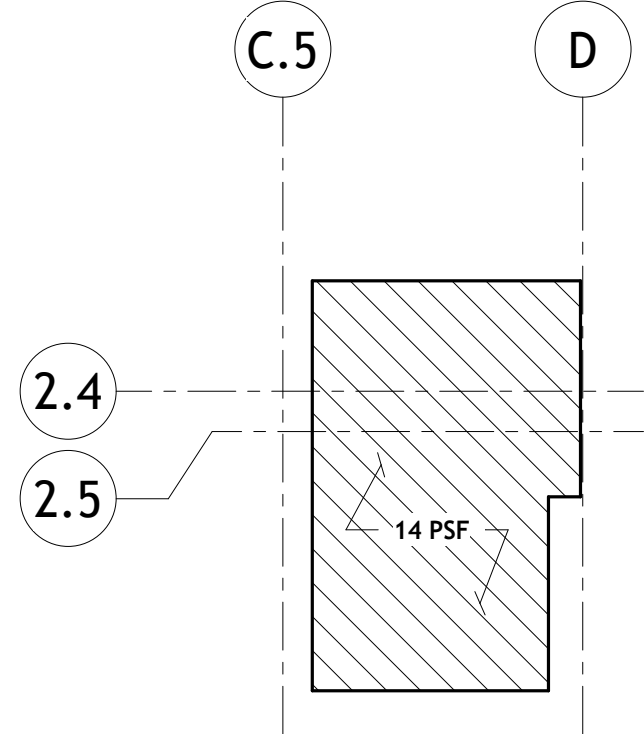
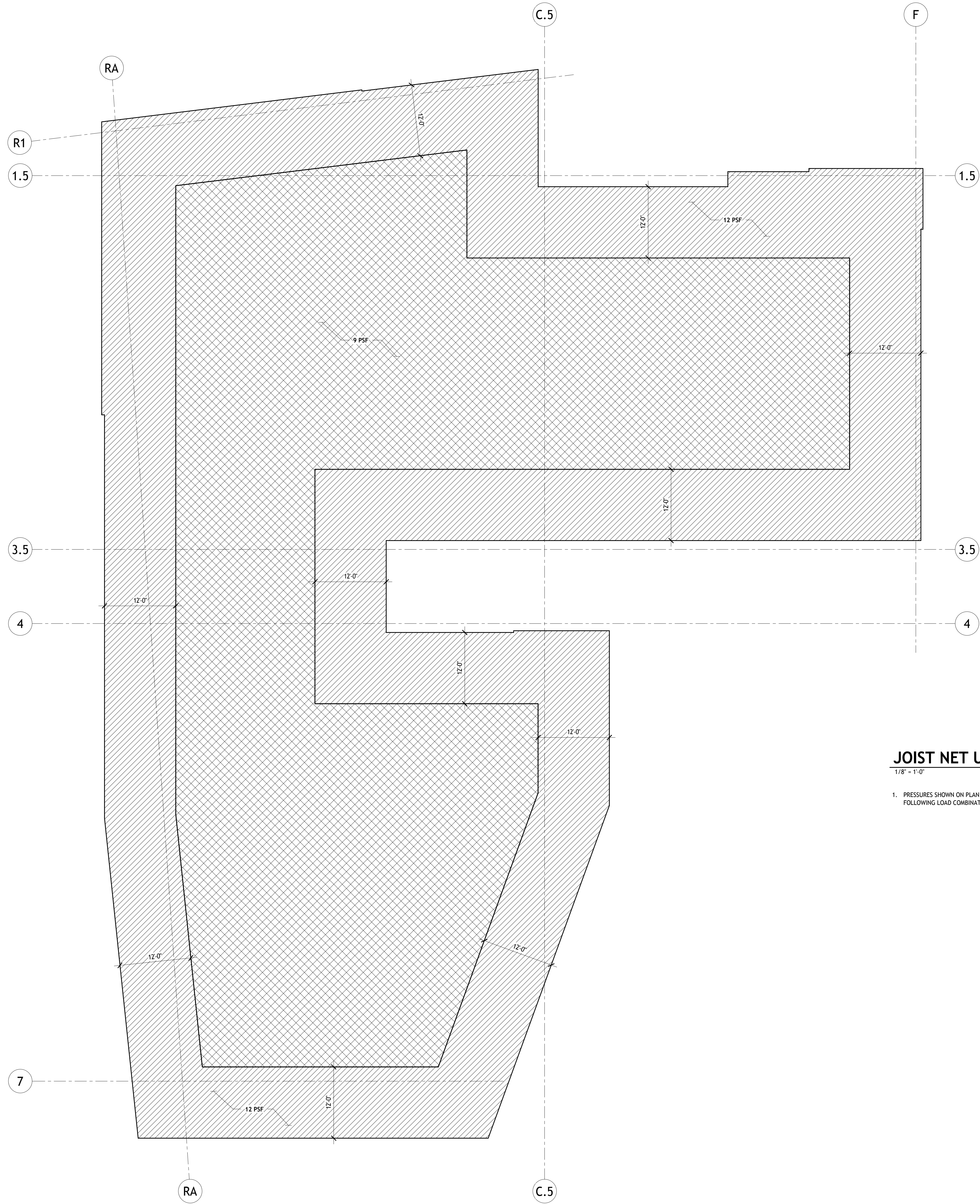
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SMBH161616-128-04-001



SCHEDULES

S011



ELEVATOR CAP

JOIST NET UPLIFT DIAGRAMS

1/8" = 1'-0"
 1. PRESSURES SHOWN ON PLAN ARE ALLOWABLE NET UPLIFT PRESSURES TAKEN FROM THE FOLLOWING LOAD COMBINATION: 0.6D + 0.6W

7/1/2022 ROBERT PARR © 2017 JONATHAN BARNES ARCHITECTURE & DESIGN, LTD.

ROOF

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01

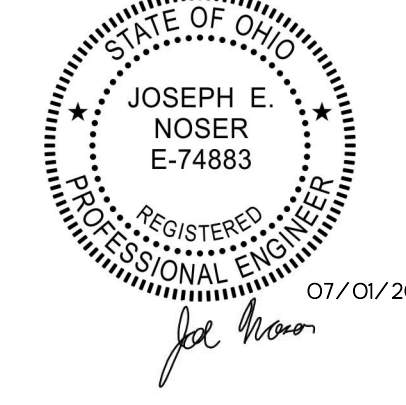
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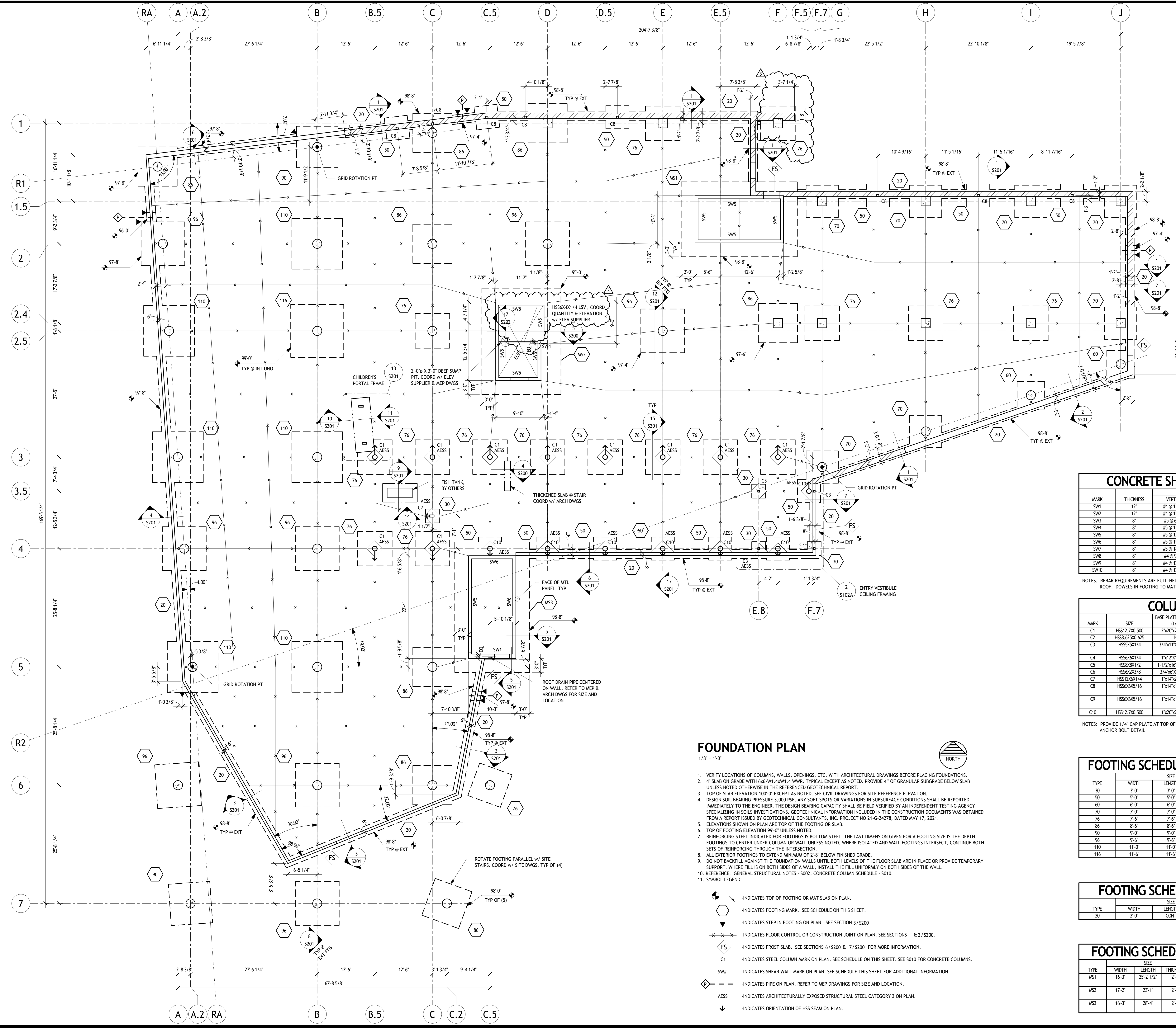
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 0488166160-018-04-001



ROOF JOIST UPLIFT DIAGRAM

S012



CONCRETE SHEARWALL SCHEDULE

MARK	THICKNESS	VERT REINFORCING	HORIZ REINFORCING	# MATS	REMARKS
SW1	12"	#4 @ 12"	#4 @ 15"	2	3/4" CLR COVER EA SIDE
SW2	12"	#4 @ 15"	#4 @ 15"	2	3/4" CLR COVER EA SIDE
SW3	8"	#5 @ 6"	#4 @ 9"	1	CENTER REBAR IN WALL
SW4	8"	#5 @ 12"	#4 @ 6"	1	CENTER REBAR IN WALL
SW5	8"	#5 @ 12"	#4 @ 9"	1	CENTER REBAR IN WALL
SW6	8"	#5 @ 15"	#4 @ 9"	1	CENTER REBAR IN WALL
SW7	8"	#5 @ 18"	#4 @ 9"	1	CENTER REBAR IN WALL
SW8	8"	#4 @ 9"	#4 @ 9"	1	CENTER REBAR IN WALL
SW9	8"	#4 @ 12"	#4 @ 6"	1	CENTER REBAR IN WALL
SW10	8"	#4 @ 12"	#4 @ 9"	1	CENTER REBAR IN WALL

NOTES: REBAR REQUIREMENTS ARE FULL HEIGHT FROM FOUNDATION TO 2ND FLOOR OR 2ND FLOOR TO ROOF. DOWELS IN FOOTING TO MATCH VERTICAL BAR PATTERNS.

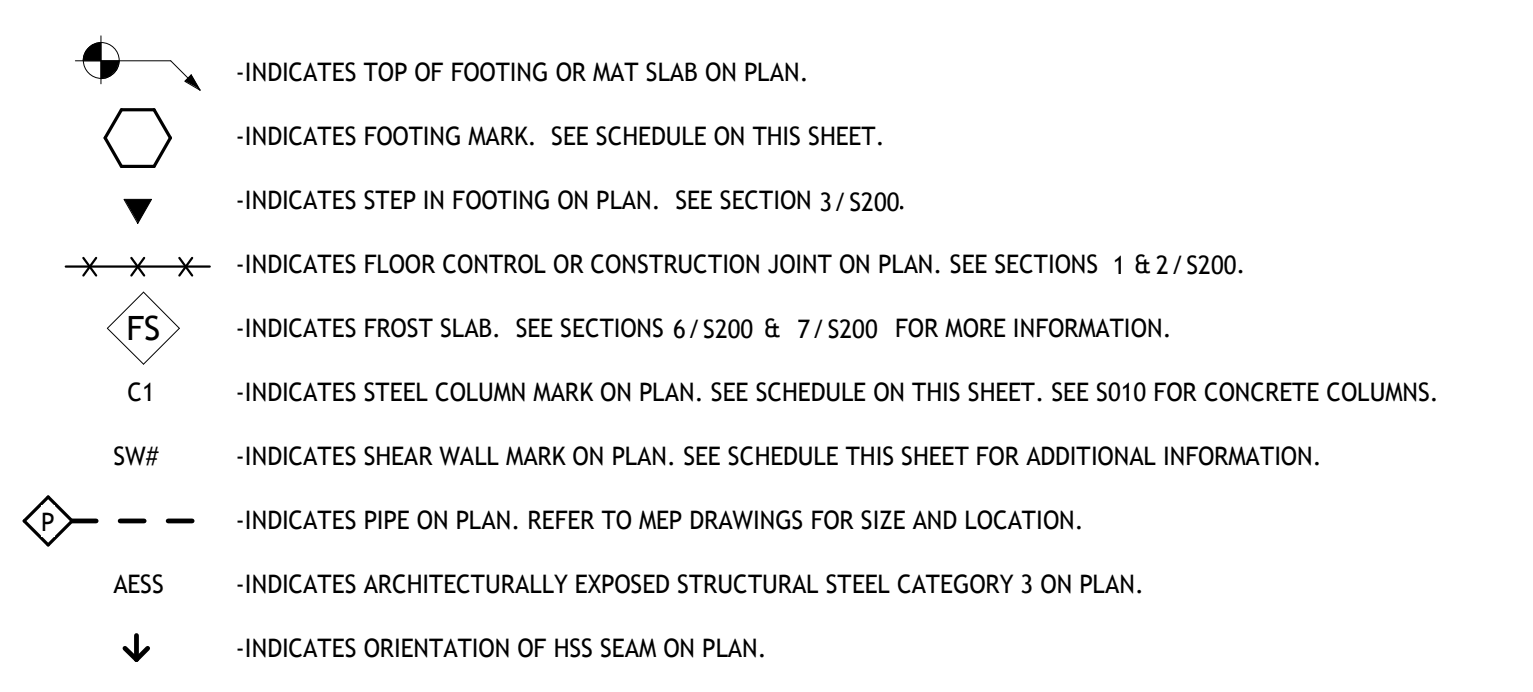
COLUMN SCHEDULE

MARK	SIZE	BASE PLATE SIZE & TYPE (lb/in)	ANCHOR BOLTS x EMBED	REMARKS
C1	HSS12.7X0.500	2'X20'X20' TYPE A	(4) 1" DIA x 1'-2"	
C2	HSS8.625X0.625	N/A	N/A	SEE SECTION 2/S201
C3	HSS5.5X1/4	3/4'X11'X11' TYPE B	(4) 3/4" DIA x 0'-9"	BASE PL TO BEAR ON FTG, STOP FND WALL EA SIDE OF POST.
C4	HSS6.6X1/4	1'X12'X12' TYPE B	(4) 3/4" DIA x 1'-0"	ROOF COLUMNS
C5	HSS8.6X1/2	1'1/2'X16'X16' TYPE A	(4) 1" DIA x 0'-9"	SEE DETAIL 10/S212
C6	HSS6.2X3/8	3/4'X6'X10' TYPE C	(2) 1/2" DIA x 0'-6"	SEE SECTION 6/S211
C7	HSS12.6X1/4	1'X14'X20' TYPE A	(4) 3/4" DIA x 0'-9"	SEE SECTION 14/S201
C8	HSS6.6X5/16	1'X14'X14' TYPE A	(4) 3/4" DIA x 1'-0"	TOP OF POST = 10'-4" PROVIDE 1/4" CAP PL
C9	HSS6.6X5/16	1'X14'X14' TYPE A	(4) 3/4" DIA x 1'-0"	TOP OF POST = 12'-0" PROVIDE 1/4" CAP PL
C10	HSS12.7X0.500	1'X20'X20' TYPE A	(4) 1" DIA x 1'-2"	

NOTES: PROVIDE 1/4" CAP PLATE AT TOP OF ALL COLUMNS UNO SEE SHEET S010 FOR BASE PLATE TYPES & ANCHOR BOLT DETAIL.

FOUNDATION PLAN

- 1/8" = 1'-0"
- VERIFY LOCATIONS OF COLUMNS, WALLS, OPENINGS, ETC. WITH ARCHITECTURAL DRAWINGS BEFORE PLACING FOUNDATIONS.
 - 4" SLAB ON GRADE WITH 645-WI, #W1, #W1.4 W/WR. TYPICAL EXCEPT AS NOTED. PROVIDE 4" OF GRANULAR SUBGRADE BELOW SLAB UNLESS NOTED OTHERWISE IN THE REFERENCED GEOTECHNICAL REPORT.
 - TOP OF SLAB ELEVATION 100'-0" EXCEPT AS NOTED. SEE CIVIL DRAWINGS FOR SITE REFERENCE ELEVATION.
 - DESIGN SOIL BEARING PRESSURE 3,000 PSF. ANY SOFT SPOTS OR VARIATIONS IN SUBSURFACE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER. THE DESIGN BEARING CAPACITY SHALL BE FIELD VERIFIED BY AN INDEPENDENT TESTING AGENCY SPECIALIZING IN SOILS INVESTIGATIONS. GEOTECHNICAL INFORMATION INCLUDED IN THE CONSTRUCTION DOCUMENTS WAS OBTAINED FROM A REPORT ISSUED BY GEOTECHNICAL CONSULTANTS, INC. PROJECT NO 21-G-24278, DATED MAY 17, 2021.
 - ELEVATIONS SHOWN ON PLAN ARE TOP OF THE FOOTING OR SLAB.
 - TOP OF FOOTING ELEVATION 99'-0" UNLESS NOTED.
 - REINFORCING STEEL INDICATED FOR FOOTINGS IS BOTTOM STEEL. THE LAST DIMENSION GIVEN FOR A FOOTING SIZE IS THE DEPTH. FOOTINGS TO CENTER UNDER COLUMN OR WALL UNLESS NOTED. WHERE ISOLATED AND WALL FOOTINGS INTERSECT, CONTINUE BOTH SETS OF REINFORCING THROUGH THE INTERSECTION.
 - ALL EXTERIOR FOOTINGS TO EXTEND MINIMUM OF 2'-8" BELOW FINISHED GRADE.
 - DO NOT BACKFILL AGAINST THE FOUNDATION WALLS UNTIL BOTH LEVELS OF THE FLOOR SLAB ARE IN PLACE OR PROVIDE TEMPORARY SUPPORT. WHERE FILL IS ON BOTH SIDES OF A WALL, INSTALL THE FILL UNIFORMLY ON BOTH SIDES OF THE WALL.
 - REFERENCE: GENERAL STRUCTURAL NOTES - S002; CONCRETE COLUMN SCHEDULE - S010.
 - SYMBOL LEGEND:



FOOTING SCHEDULE - ISOLATED FOOTINGS

TYPE	WIDTH	LENGTH	THICKNESS	REINFORCING	REMARKS
30	3'-0"	3'-0"	1'-0"	(4) #4 EWB	
50	5'-0"	5'-0"	1'-2"	(5) #5 EWB	
60	6'-0"	6'-0"	1'-4"	(5) #6 EWB	
70	7'-0"	7'-0"	1'-6"	(6) #6 EWB	
76	7'-6"	7'-6"	1'-6"	(6) #7 EWB	
86	8'-6"	8'-6"	1'-8"	(7) #7 EWB	
96	9'-0"	9'-0"	1'-10"	(7) #7 EWB	
96	9'-6"	9'-6"	1'-10"	(8) #7 EWB	
110	11'-0"	11'-0"	2'-2"	(8) #8 EWB	
116	11'-6"	11'-6"	2'-4"	(9) #8 EWB	

FOOTING SCHEDULE - WALL FOOTINGS

TYPE	WIDTH	LENGTH	THICKNESS	REINFORCING	REMARKS
20	2'-0"	CONT	2'-0"	(2) #5 T&B	

FOOTING SCHEDULE - MAT FOUNDATIONS

TYPE	WIDTH	LENGTH	THICKNESS	REINFORCING		REMARKS
				TOP	BOTTOM	
MS1	16'-3"	25'-2 1/2"	2'-6"	#8 @ 12" c/c EA WAY w/ 90 DEG H/S	#8 @ 12" c/c EA WAY	
MS2	17'-2"	23'-1"	2'-6"	#8 @ 12" c/c EA WAY w/ 90 DEG H/S	#8 @ 12" c/c EA WAY	
MS3	16'-3"	28'-4"	2'-6"	#8 @ 12" c/c EA WAY w/ 90 DEG H/S	#8 @ 12" c/c EA WAY	

REVISION SCHEDULE

#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01
2	07.15.22	Bulletin 01
3	08.10.22	Bulletin 02

PROJECT NAME :
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 REYNOLDSBURG, OHIO 43068

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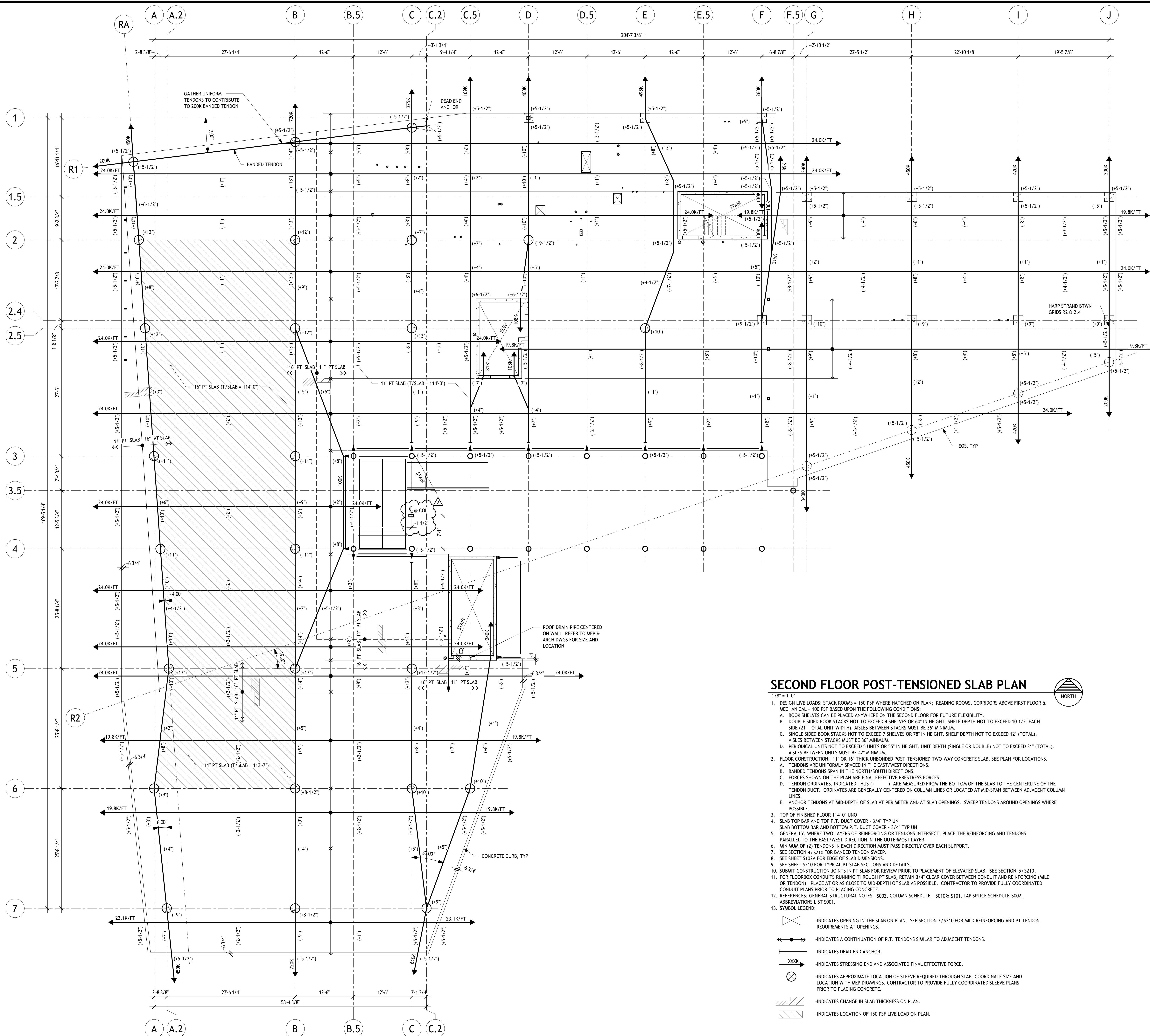
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FOUNDATION PLAN

S101



SECOND FLOOR POST-TENSIONED SLAB PLAN

- 1/8" = 1'-0"
- DESIGN LIVE LOADS: STACK ROOMS - 150 PSF WHERE HATCHED ON PLAN; READING ROOMS, CORRIDORS ABOVE FIRST FLOOR & MECHANICAL = 100 PSF BASED UPON THE FOLLOWING CONDITIONS:
 - BOOK SHELVES CAN BE PLACED ANYWHERE ON THE SECOND FLOOR FOR FUTURE FLEXIBILITY.
 - DOUBLE SIDED BOOK STACKS NOT TO EXCEED 4 SHELVES OR 60" IN HEIGHT. SHELF DEPTH NOT TO EXCEED 10 1/2" EACH SIDE (21" TOTAL UNIT WIDTH). AISLES BETWEEN STACKS MUST BE 36" MINIMUM.
 - SINGLE SIDED BOOK STACKS NOT TO EXCEED 7 SHELVES OR 78" IN HEIGHT. SHELF DEPTH NOT TO EXCEED 12" (TOTAL). AISLES BETWEEN STACKS MUST BE 36" MINIMUM.
 - PERIODICAL UNITS NOT TO EXCEED 5 UNITS OR 55" IN HEIGHT. UNIT DEPTH (SINGLE OR DOUBLE) NOT TO EXCEED 31" (TOTAL). AISLES BETWEEN UNITS MUST BE 42" MINIMUM.
 - FLOOR CONSTRUCTION: 11" OR 16" THICK UNBONDED POST-TENSIONED TWO-WAY CONCRETE SLAB. SEE PLAN FOR LOCATIONS.
 - TENDONS ARE UNIFORMLY SPACED IN THE EAST/WEST DIRECTIONS.
 - BANDED TENDONS SPAN IN THE NORTH/SOUTH DIRECTIONS.
 - FORKS SHOWN ON THE PLAN ARE FINAL EFFECTIVE PRESTRESS FORCES.
 - TENDON ORDINATES, INDICATED THUS (+), ARE MEASURED FROM THE BOTTOM OF THE SLAB TO THE CENTERLINE OF THE TENDON DUCT. ORDINATES ARE GENERALLY CENTERED ON COLUMN LINES OR LOCATED AT MID-SPAN BETWEEN ADJACENT COLUMN LINES.
 - ANCHOR TENDONS AT MID-DEPTH OF SLAB AT PERIMETER AND AT SLAB OPENINGS. SWEEP TENDONS AROUND OPENINGS WHERE POSSIBLE.
 - TOP OF FINISHED FLOOR 114'-0" UNO
 - SLAB TOP BAR AND TOP P.T. DUCT COVER - 3/4" TYP UN
 - SLAB BOTTOM BAR AND BOTTOM P.T. DUCT COVER - 3/4" TYP UN
 - GENERALLY, WHERE TWO LAYERS OF REINFORCING OR TENDONS INTERSECT, PLACE THE REINFORCING AND TENDONS PARALLEL TO THE EAST/WEST DIRECTION IN THE OUTERMOST LAYER.
 - MINIMUM OF (2) TENDONS IN EACH DIRECTION MUST PASS DIRECTLY OVER EACH SUPPORT.
 - SEE SECTION 4.5/2.1 FOR BANDED TENDON SWEEP.
 - SEE SHEET S102A FOR EDGE OF SLAB DIMENSIONS.
 - SEE SHEET S210 FOR TYPICAL PT SLAB SECTIONS AND DETAILS.
 - SUBMIT CONSTRUCTION JOINTS IN PT SLAB FOR REVIEW PRIOR TO PLACEMENT OF ELEVATED SLAB. SEE SECTION 5/2/10.
 - FOR FLOORBOX CONDUITS RUNNING THROUGH PT SLAB, RETAIN 3/4" CLEAR COVER BETWEEN CONDUIT AND REINFORCING (MILD OR TENDON). PLACE AT OR AS CLOSE TO MID-DEPTH OF SLAB AS POSSIBLE. CONTRACTOR TO PROVIDE FULLY COORDINATED CONDUIT PLANS PRIOR TO PLACING CONCRETE.
 - REFERENCES: GENERAL STRUCTURAL NOTES - S002, COLUMN SCHEDULE - S010 & S101, LAP SPACE SCHEDULE S002, ABBREVIATIONS LIST S001.
 - SYMBOL LEGEND:
 - INDICATES OPENING IN THE SLAB ON PLAN. SEE SECTION 3/S210 FOR MILD REINFORCING AND PT TENDON REQUIREMENTS AT OPENINGS.
 - INDICATES A CONTINUATION OF P.T. TENDONS SIMILAR TO ADJACENT TENDONS.
 - INDICATES DEAD-END ANCHOR.
 - INDICATES STRESSING END AND ASSOCIATED FINAL EFFECTIVE FORCE.
 - INDICATES APPROXIMATE LOCATION OF SLEEVE REQUIRED THROUGH SLAB. COORDINATE SIZE AND LOCATION WITH MEP DRAWINGS. CONTRACTOR TO PROVIDE FULLY COORDINATED SLEEVE PLANS PRIOR TO PLACING CONCRETE.
 - INDICATES CHANGE IN SLAB THICKNESS ON PLAN.
 - INDICATES LOCATION OF 150 PSF LIVE LOAD ON PLAN.

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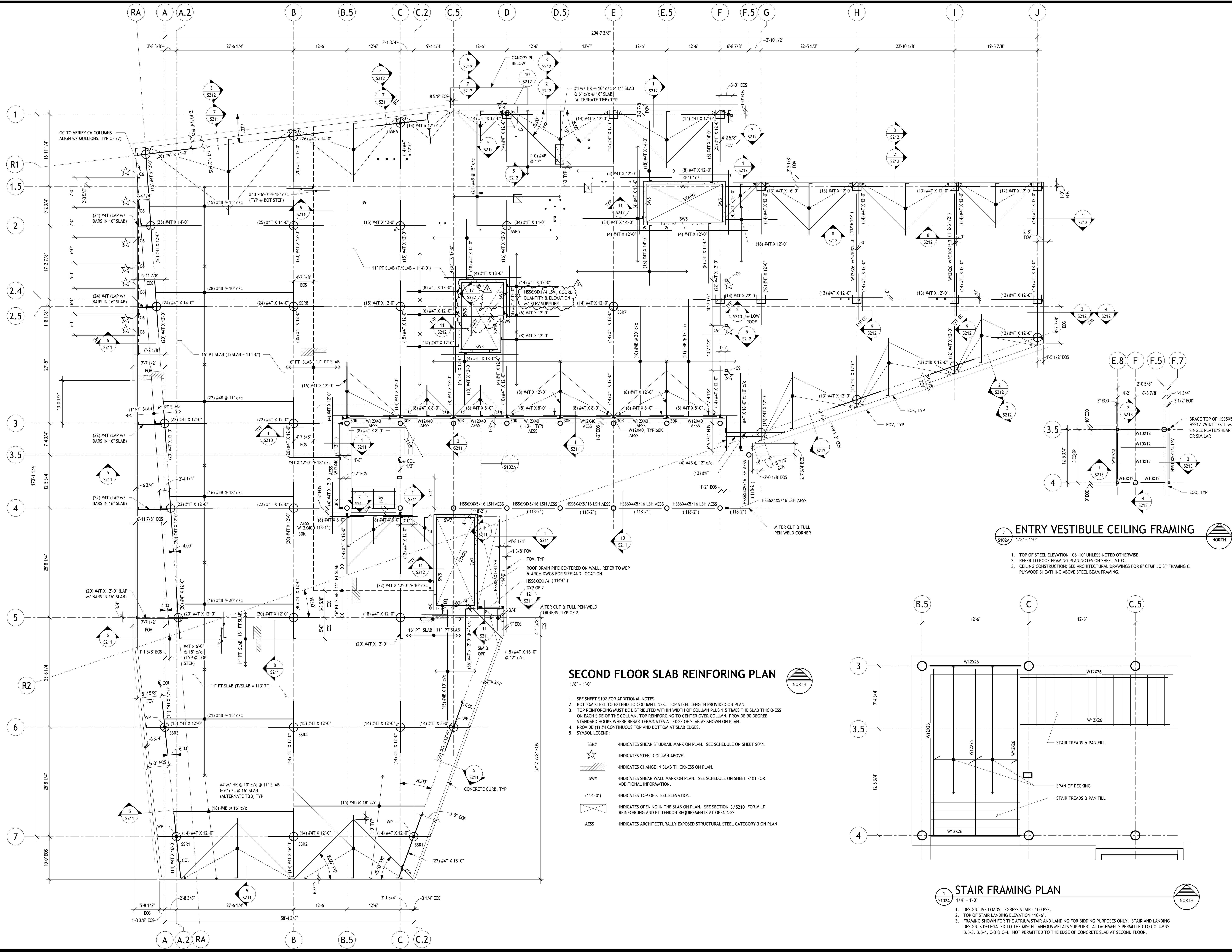
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SECOND FLOOR & LOW ROOF POST-TENSION
PLAN

S102



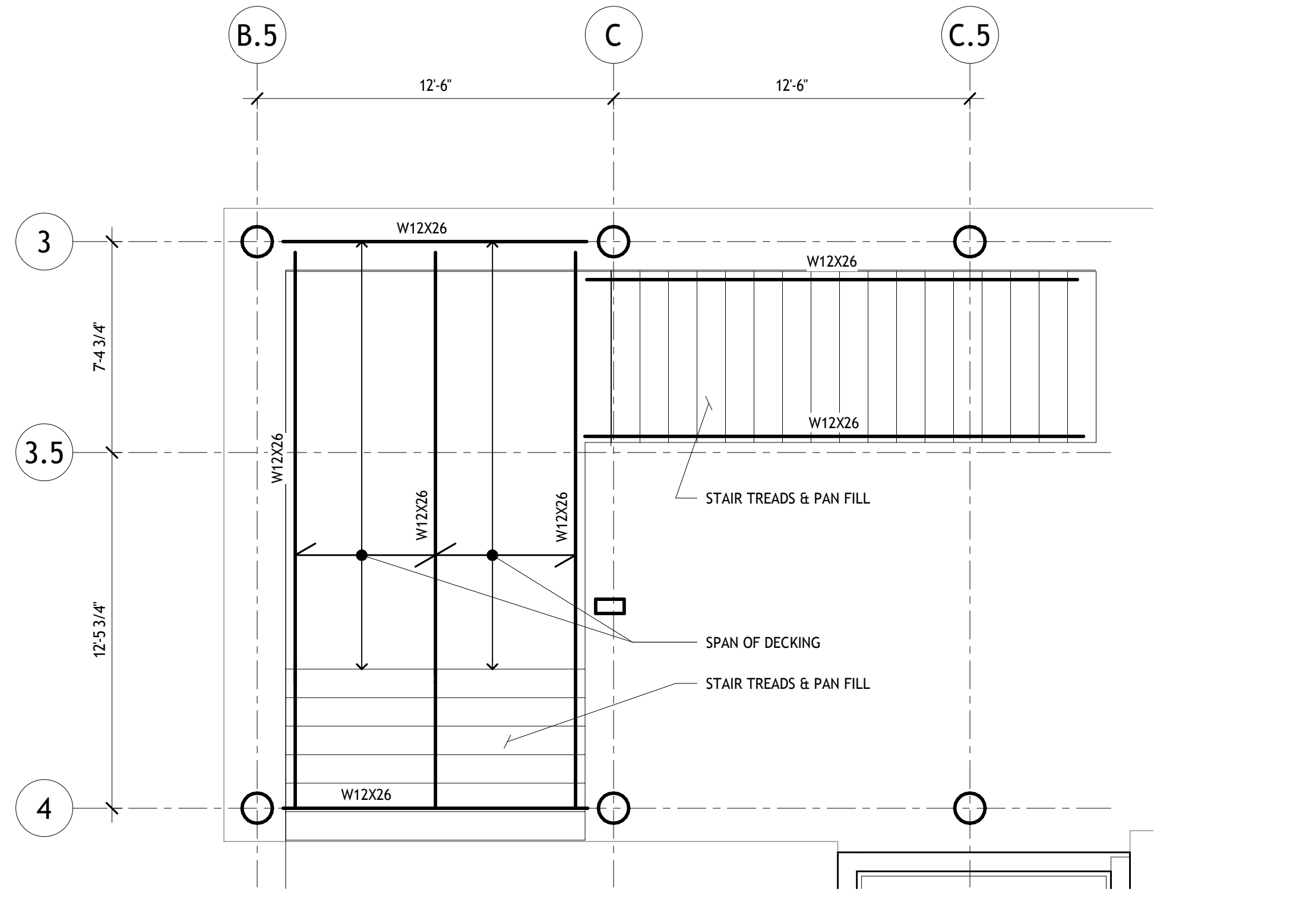
SECOND FLOOR SLAB REINFORCING PLAN
1/8" = 1'-0"

- SEE SHEET S102 FOR ADDITIONAL NOTES.
- BOTTOM STEEL TO EXTEND TO COLUMN LINES. TOP STEEL LENGTH PROVIDED ON PLAN.
- TOP REINFORCING MUST BE DISTRIBUTED WITHIN WIDTH OF COLUMN PLUS 1.5 TIMES THE SLAB THICKNESS ON EACH SIDE OF THE COLUMN. TOP REINFORCING TO CENTER OVER COLUMN. PROVIDE 90 DEGREE STANDARD HOOKS WHERE REBAR TERMINATES AT EDGE OF SLAB AS SHOWN ON PLAN.
- PROVIDE (1) #4 CONTINUOUS TOP AND BOTTOM AT SLAB EDGES.
- SYMBOL LEGEND:

- SSR# - INDICATES SHEAR STUDRAIL MARK ON PLAN. SEE SCHEDULE ON SHEET S011.
- ★ - INDICATES STEEL COLUMN ABOVE.
- - INDICATES CHANGE IN SLAB THICKNESS ON PLAN.
- SW# - INDICATES SHEAR WALL MARK ON PLAN. SEE SCHEDULE ON SHEET S101 FOR ADDITIONAL INFORMATION.
- (114'-0") - INDICATES TOP OF STEEL ELEVATION.
- - INDICATES OPENING IN THE SLAB ON PLAN. SEE SECTION 3/S210 FOR MILD REINFORCING AND PT TENDON REQUIREMENTS AT OPENINGS.
- AESS - INDICATES ARCHITECTURALLY EXPOSED STRUCTURAL STEEL CATEGORY 3 ON PLAN.

ENTRY VESTIBULE CEILING FRAMING
1/8" = 1'-0"

- TOP OF STEEL ELEVATION 108'-10" UNLESS NOTED OTHERWISE.
- REFER TO ROOF FRAMING PLAN NOTES ON SHEET S103.
- CEILING CONSTRUCTION: SEE ARCHITECTURAL DRAWINGS FOR 8" CMF JOIST FRAMING & PLYWOOD SHEATHING ABOVE STEEL BEAM FRAMING.



STAIR FRAMING PLAN
1/4" = 1'-0"

- DESIGN LIVE LOADS: EGRESS STAIR - 100 PSF.
- TOP OF STAIR LANDING ELEVATION 110'-6".
- FRAMING SHOWN FOR THE ATRIUM STAIR AND LANDING FOR BIDDING PURPOSES ONLY. STAIR AND LANDING DESIGN IS DELEGATED TO THE MISCELLANEOUS METALS SUPPLIER. ATTACHMENTS PERMITTED TO COLUMNS B-5.3, B-5.4, C-3 & C-4. NOT PERMITTED TO THE EDGE OF CONCRETE SLAB AT SECOND FLOOR.

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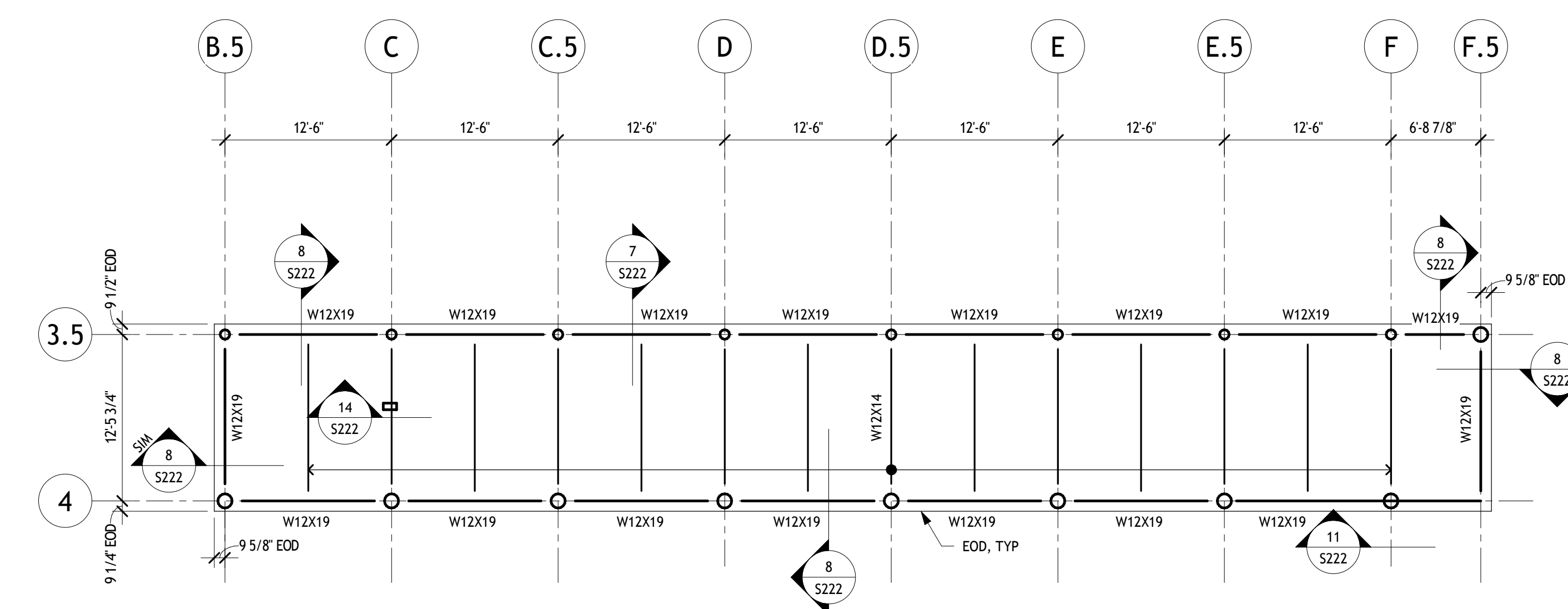
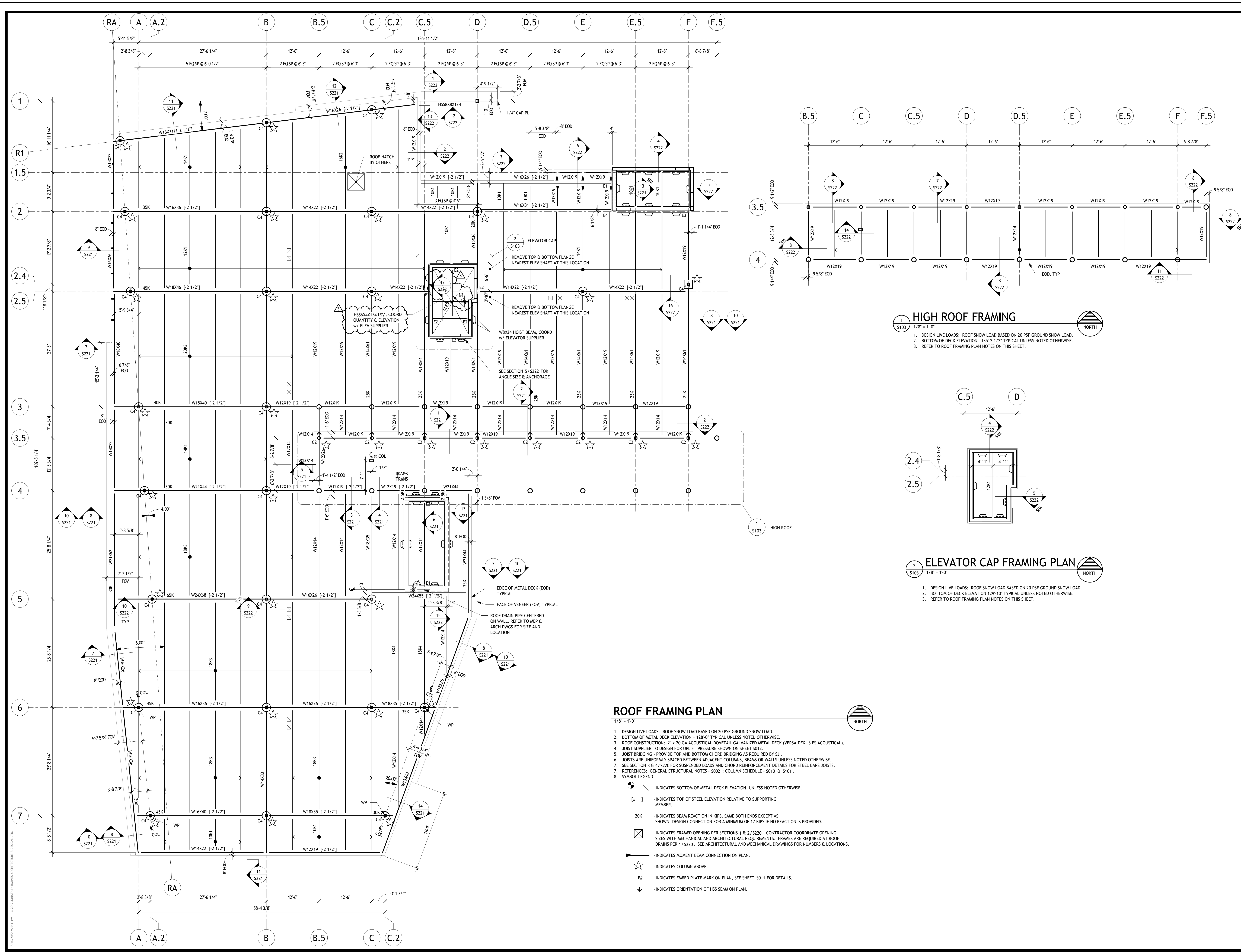
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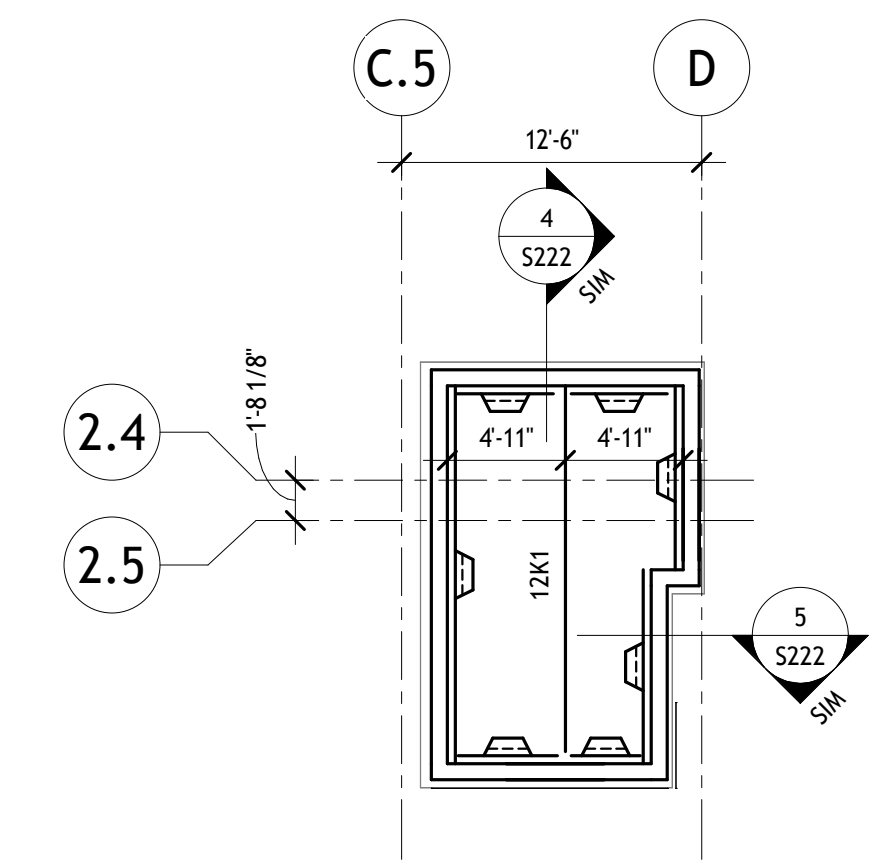
SECOND FLOOR & LOW ROOF MILD
REINFORCING PLAN

S102A

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HIGH ROOF FRAMING
 1/8" = 1'-0"
 1. DESIGN LIVE LOADS: ROOF SNOW LOAD BASED ON 20 PSF GROUND SNOW LOAD.
 2. BOTTOM OF DECK ELEVATION 135'-2 1/2" TYPICAL UNLESS NOTED OTHERWISE.
 3. REFER TO ROOF FRAMING PLAN NOTES ON THIS SHEET.



ELEVATOR CAP FRAMING PLAN
 1/8" = 1'-0"
 1. DESIGN LIVE LOADS: ROOF SNOW LOAD BASED ON 20 PSF GROUND SNOW LOAD.
 2. BOTTOM OF DECK ELEVATION 129'-10" TYPICAL UNLESS NOTED OTHERWISE.
 3. REFER TO ROOF FRAMING PLAN NOTES ON THIS SHEET.

ROOF FRAMING PLAN
 1/8" = 1'-0"

- DESIGN LIVE LOADS: ROOF SNOW LOAD BASED ON 20 PSF GROUND SNOW LOAD.
- BOTTOM OF METAL DECK ELEVATION = 128'-0" TYPICAL UNLESS NOTED OTHERWISE.
- ROOF CONSTRUCTION: 2" x 20 GA ACoustical DOVETAIL GALVANIZED METAL DECK (VERSA-DEK LS ES ACoustICAL).
- JOIST SUPPLIER TO DESIGN FOR UPLIFT PRESSURE SHOWN ON SHEET S012.
- JOIST BRIDGING - PROVIDE TOP AND BOTTOM CHORD BRIDGING AS REQUIRED BY SJI.
- JOISTS ARE UNIFORMLY SPACED BETWEEN ADJACENT COLUMNS, BEAMS OR WALLS UNLESS NOTED OTHERWISE.
- SEE SECTION 3 & 4 / S220 FOR SUSPENDED LOADS AND CHORD REINFORCEMENT DETAILS FOR STEEL BARS JOISTS.
- REFERENCES: GENERAL STRUCTURAL NOTES - S002 ; COLUMN SCHEDULE - S010 & S101 .
- SYMBOL LEGEND:

- INDICATES BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED OTHERWISE.
 - INDICATES TOP OF STEEL ELEVATION RELATIVE TO SUPPORTING MEMBER.
 - INDICATES BEAM REACTION IN KIPS, SAME BOTH ENDS EXCEPT AS SHOWN. DESIGN CONNECTION FOR A MINIMUM OF 17 KIPS IF NO REACTION IS PROVIDED.
 - INDICATES FRAMED OPENING PER SECTIONS 1 & 2 / S220 . CONTRACTOR COORDINATE OPENING SIZES WITH MECHANICAL AND ARCHITECTURAL REQUIREMENTS. FRAMES ARE REQUIRED AT ROOF DRAINS PER 1 / S220 . SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR NUMBERS & LOCATIONS.
 - INDICATES MOMENT BEAM CONNECTION ON PLAN.
 - INDICATES COLUMN ABOVE.
 - INDICATES EMBED PLATE MARK ON PLAN, SEE SHEET S011 FOR DETAILS.
 - INDICATES ORIENTATION OF HSS SEAM ON PLAN.

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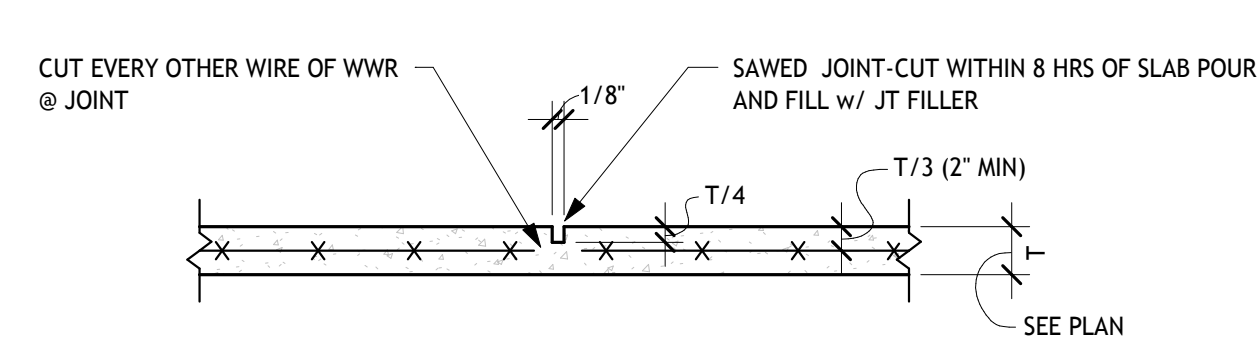
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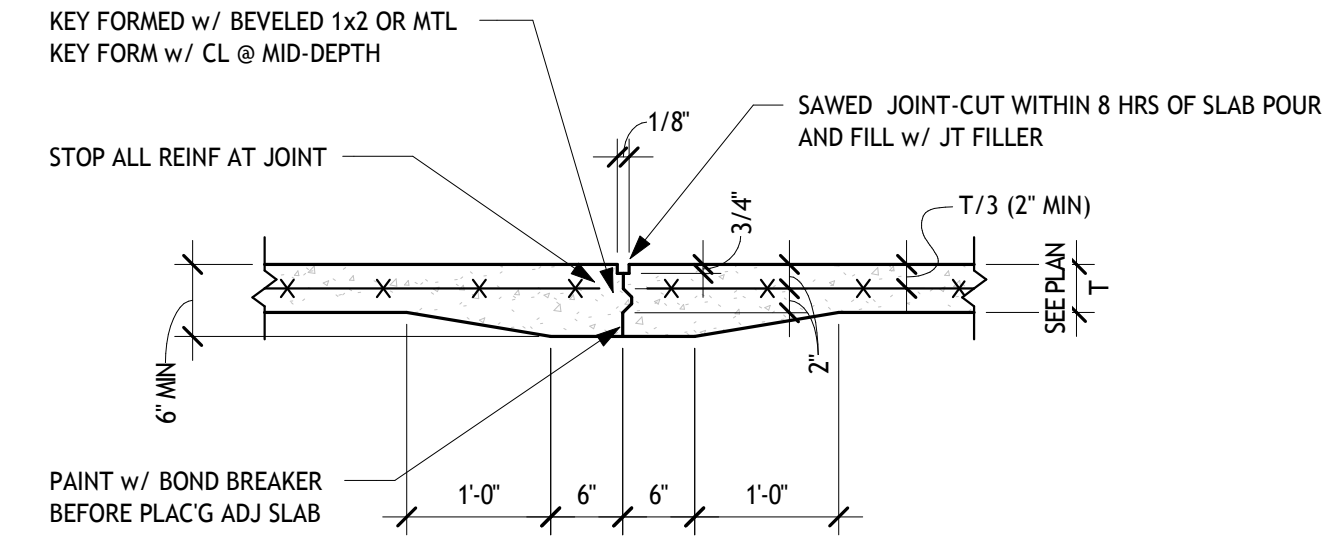
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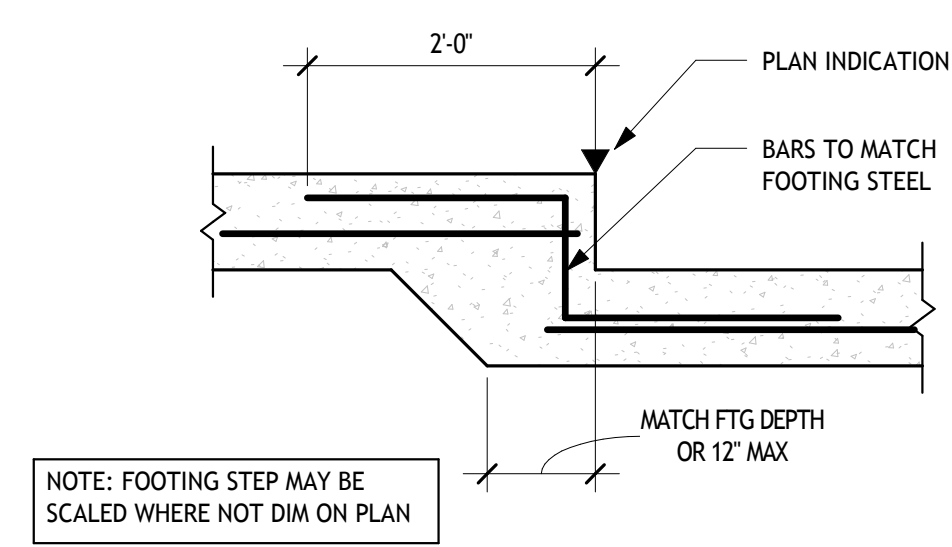


1. PROVIDE TOOLED JOINTS IN FRESH CONCRETE EACH SIDE OF WALLS WHERE SLABS POUR THRU DOORWAYS.
2. PROVIDE A #4 BAR@3'-0" AT MID-DEPTH OF THE SLAB PERPENDICULAR TO JOINTS THAT TERMINATE AT A PARTICULAR JOINT.

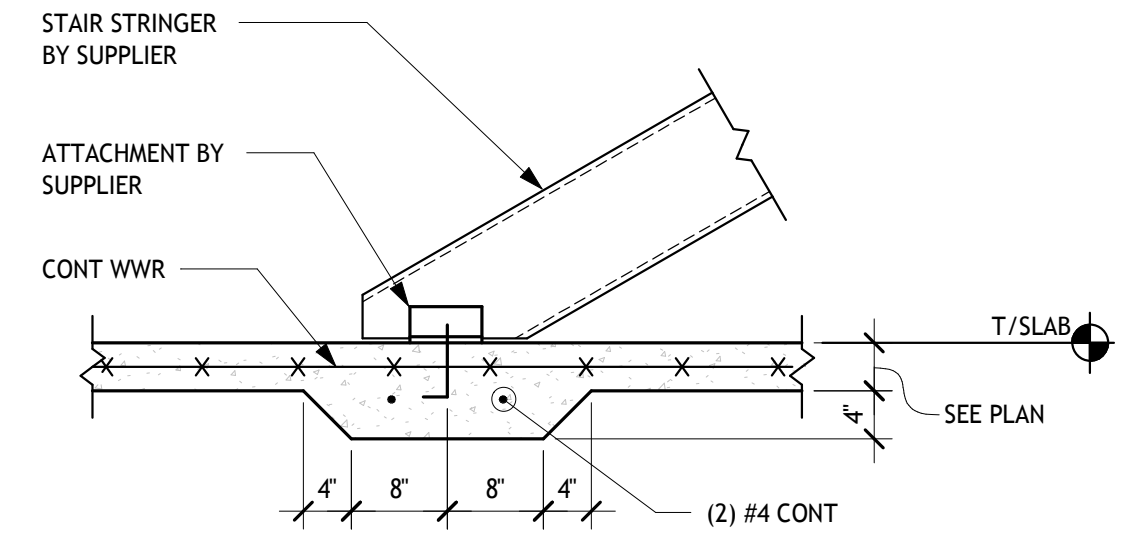
1 DETAIL
S200 3/4" x 1'-0"



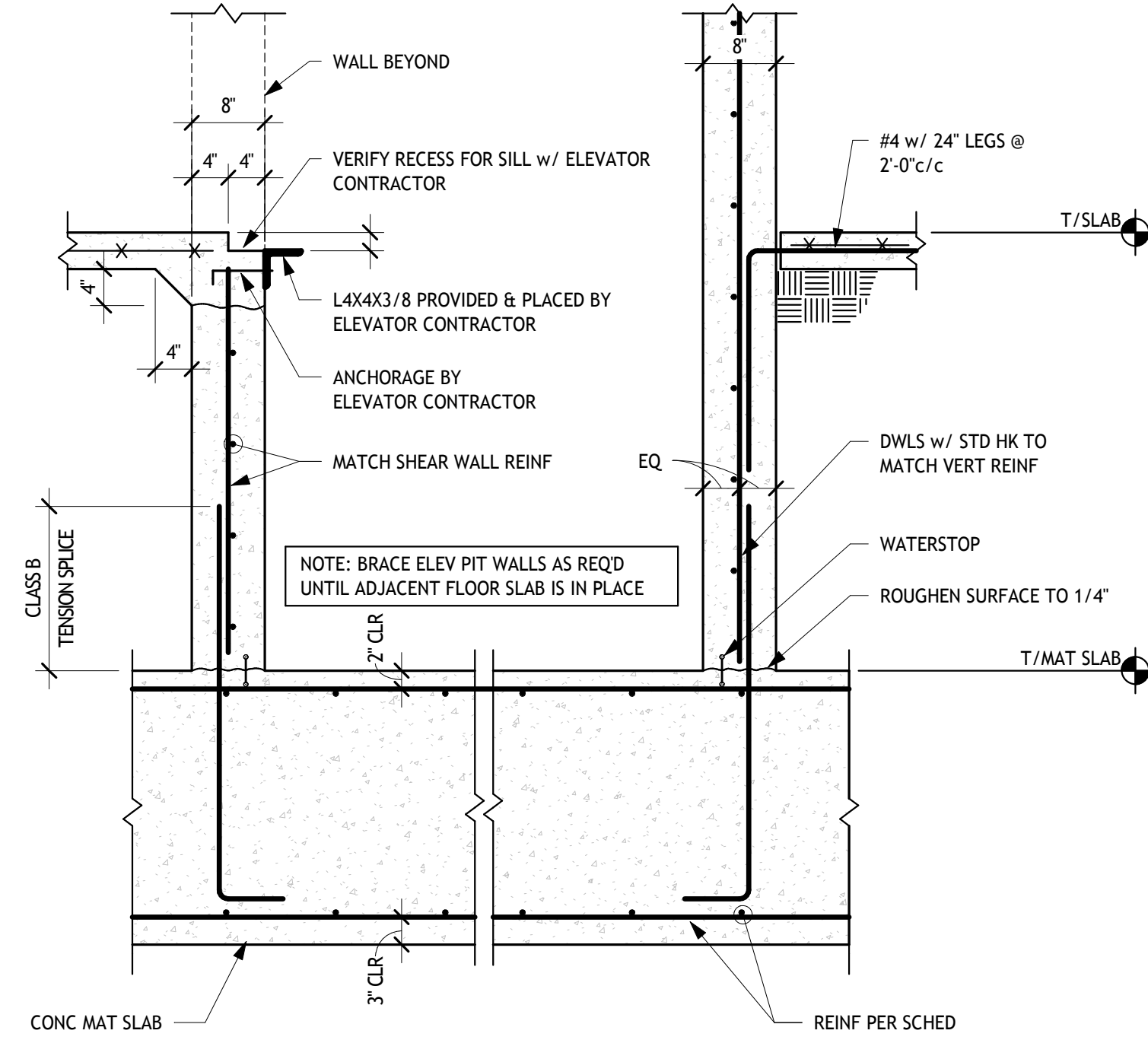
2 DETAIL
S200 3/4" x 1'-0"



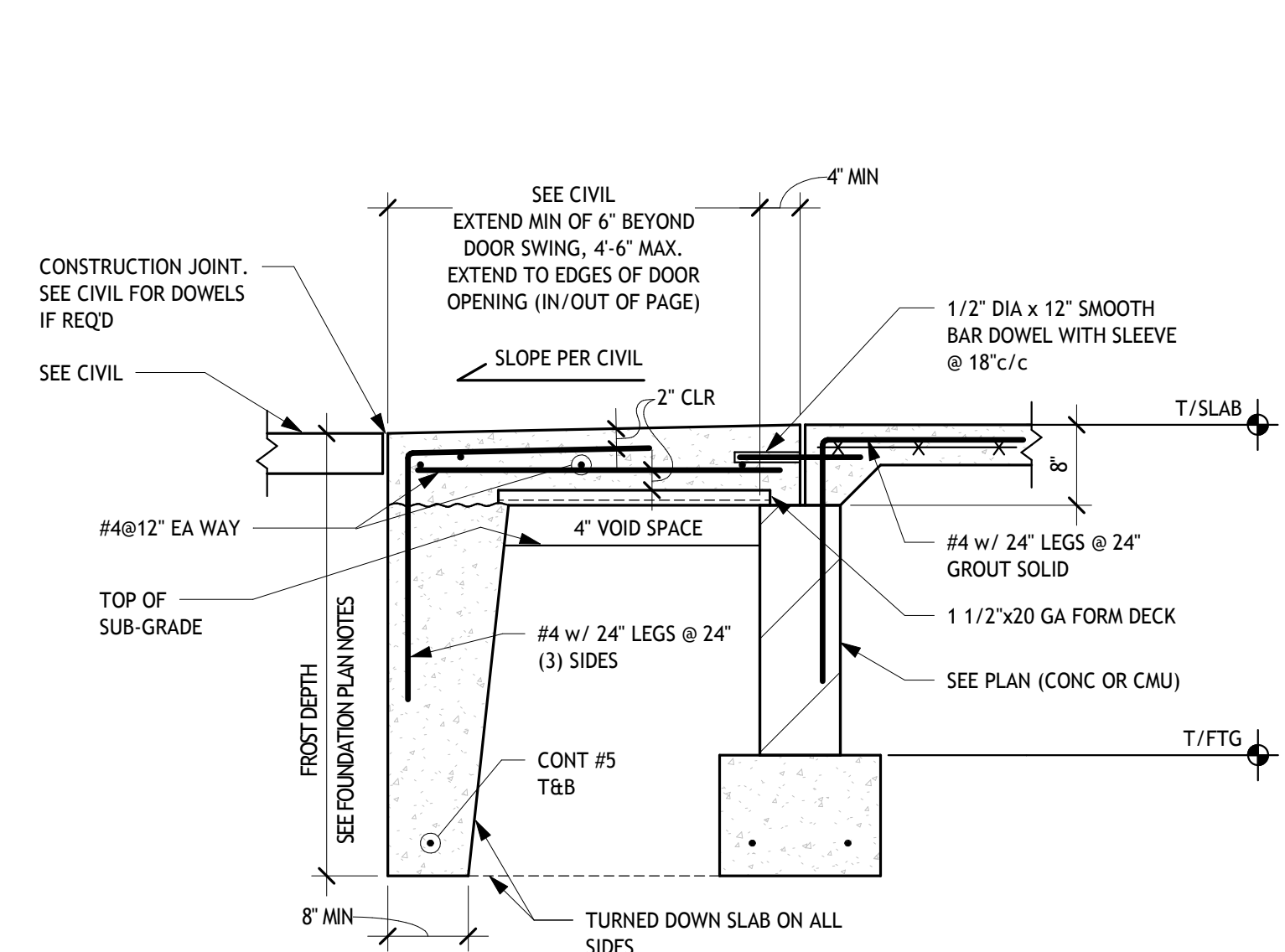
3 DETAIL
S200 3/4" x 1'-0"



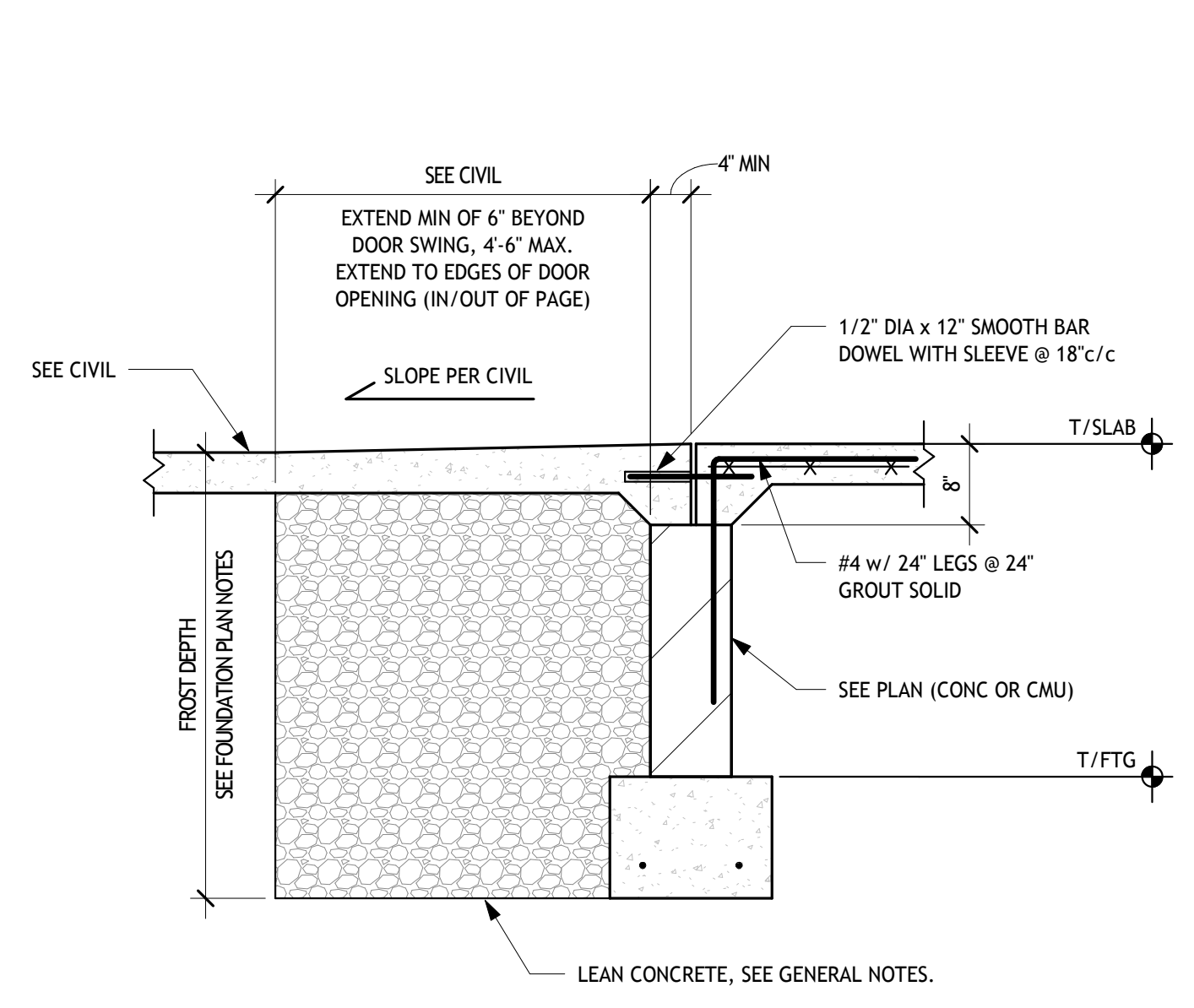
4 SECTION
S200 3/4" x 1'-0"



5 SECTION
S200 3/4" x 1'-0"



6 SECTION
S200 3/4" x 1'-0"



7 SECTION
S200 3/4" x 1'-0"

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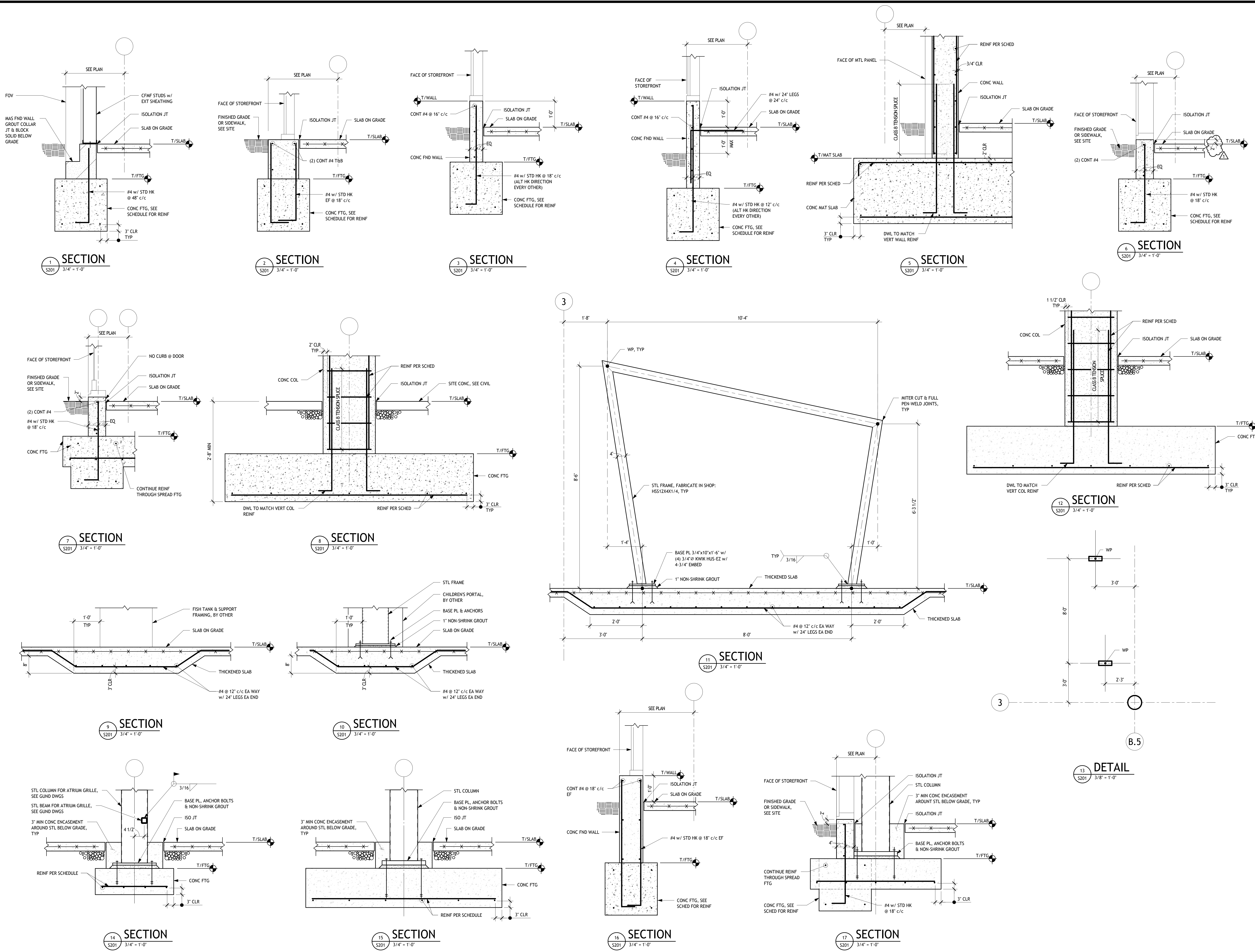
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STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
JOSEPH E. NOSER
E-74883
07/01/2022
J. Noser

TYPICAL FOUNDATION SECTIONS

S200



REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
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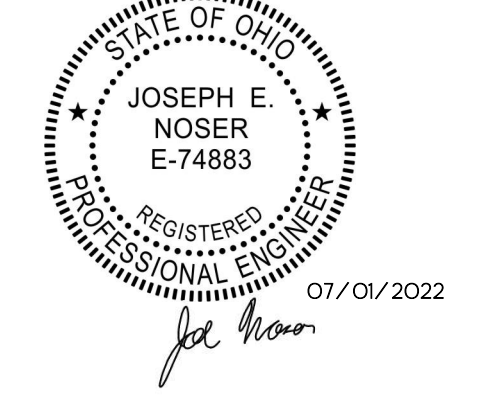
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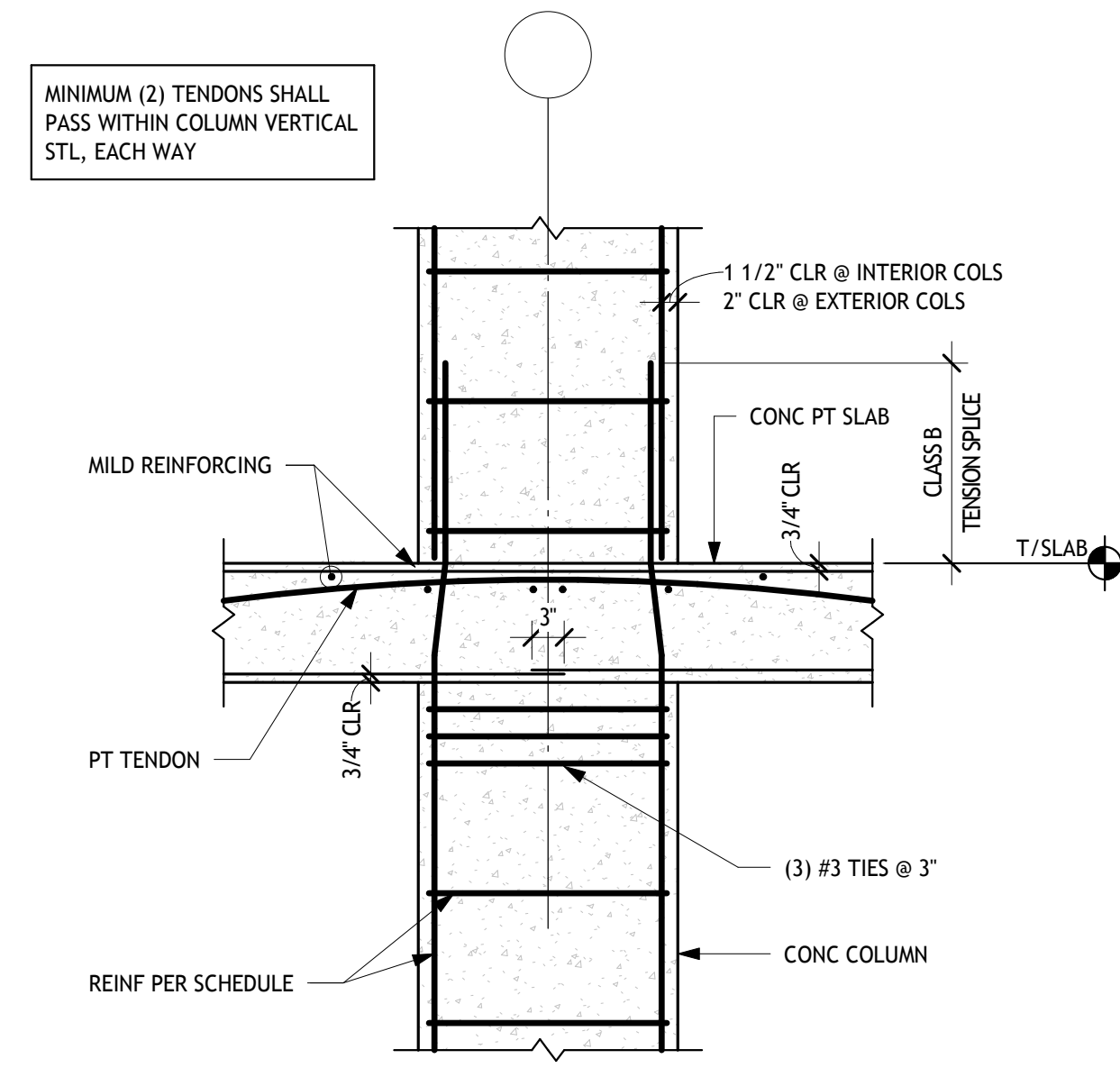
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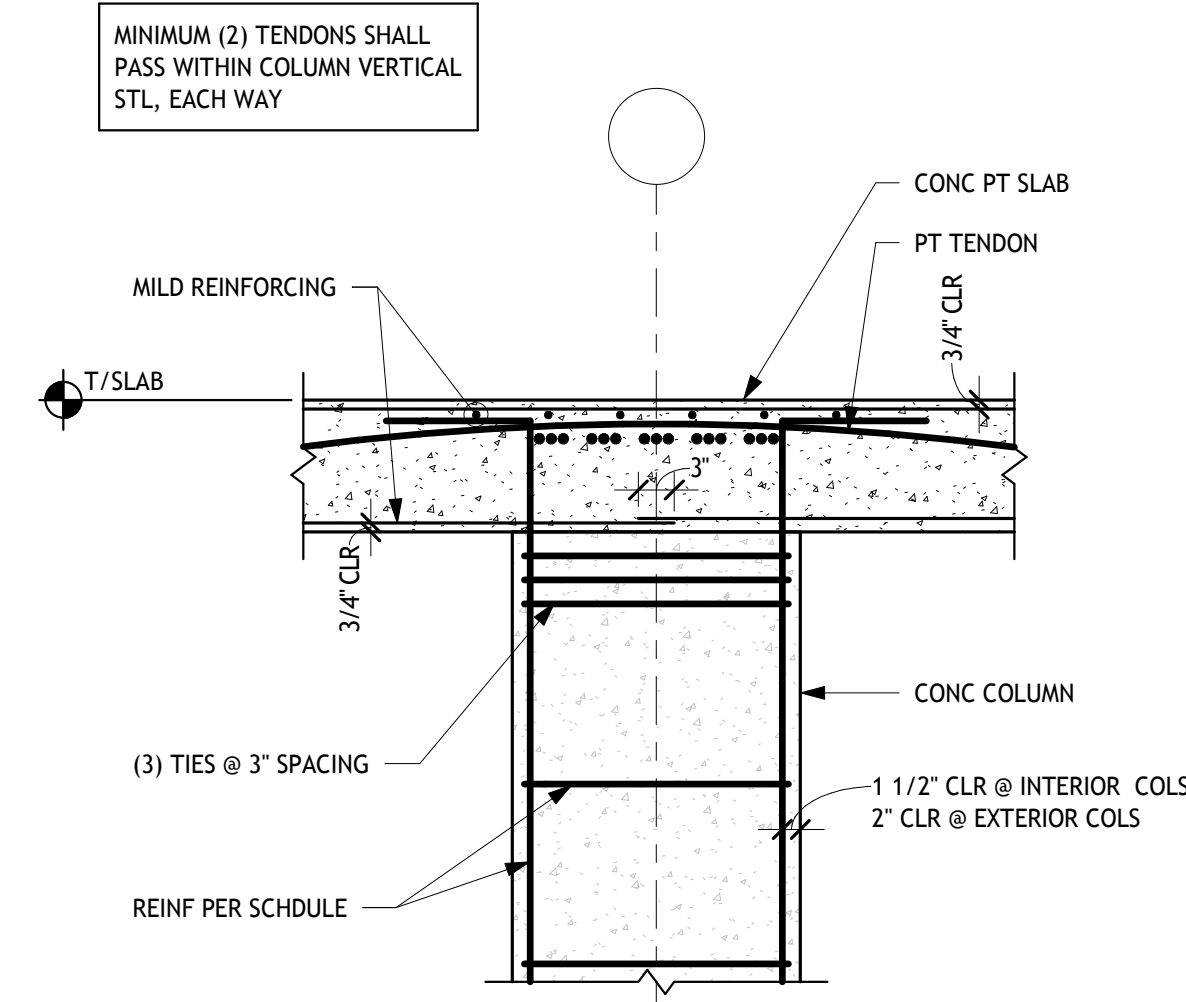
FOUNDATION SECTIONS & DETAILS

S201

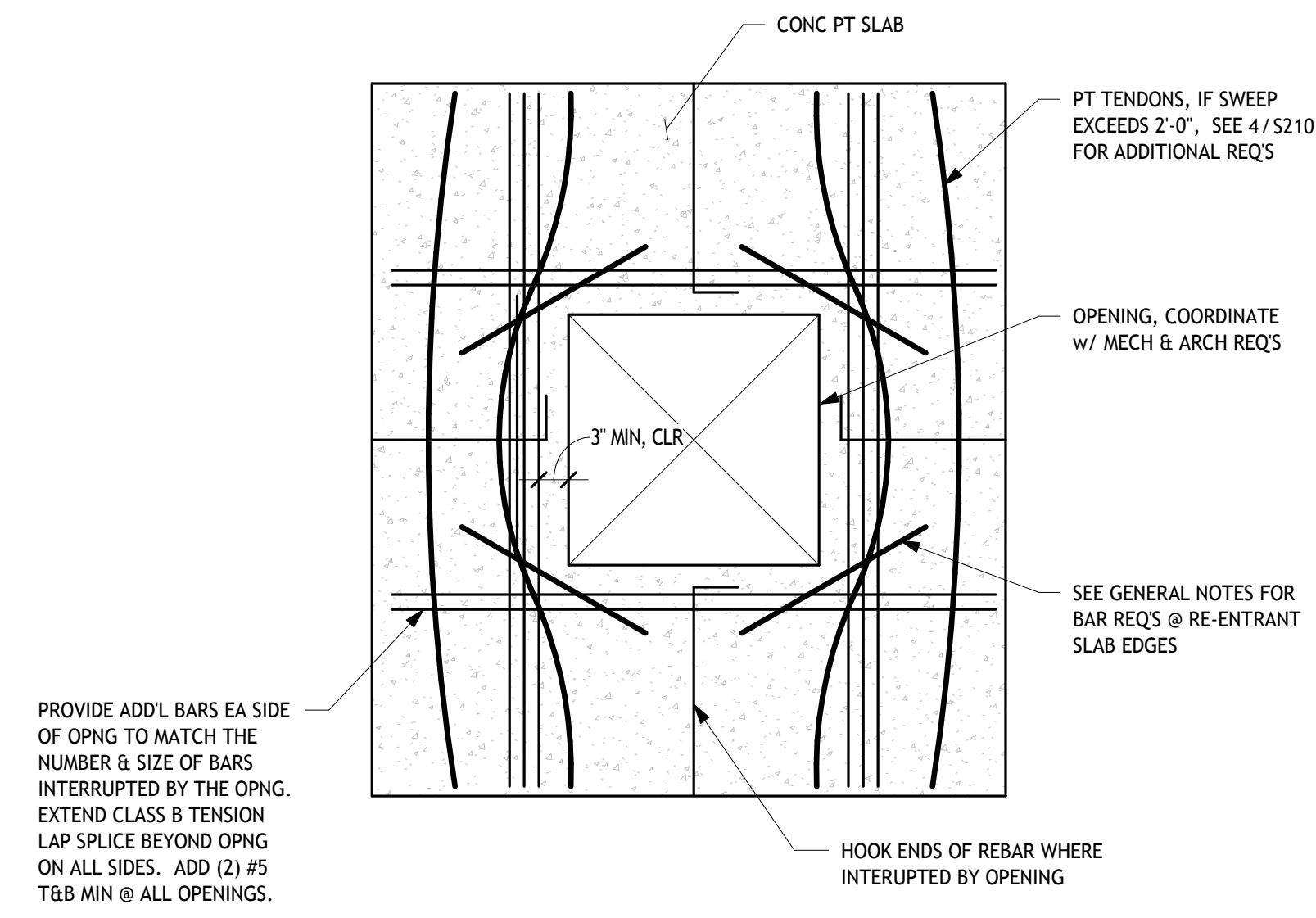
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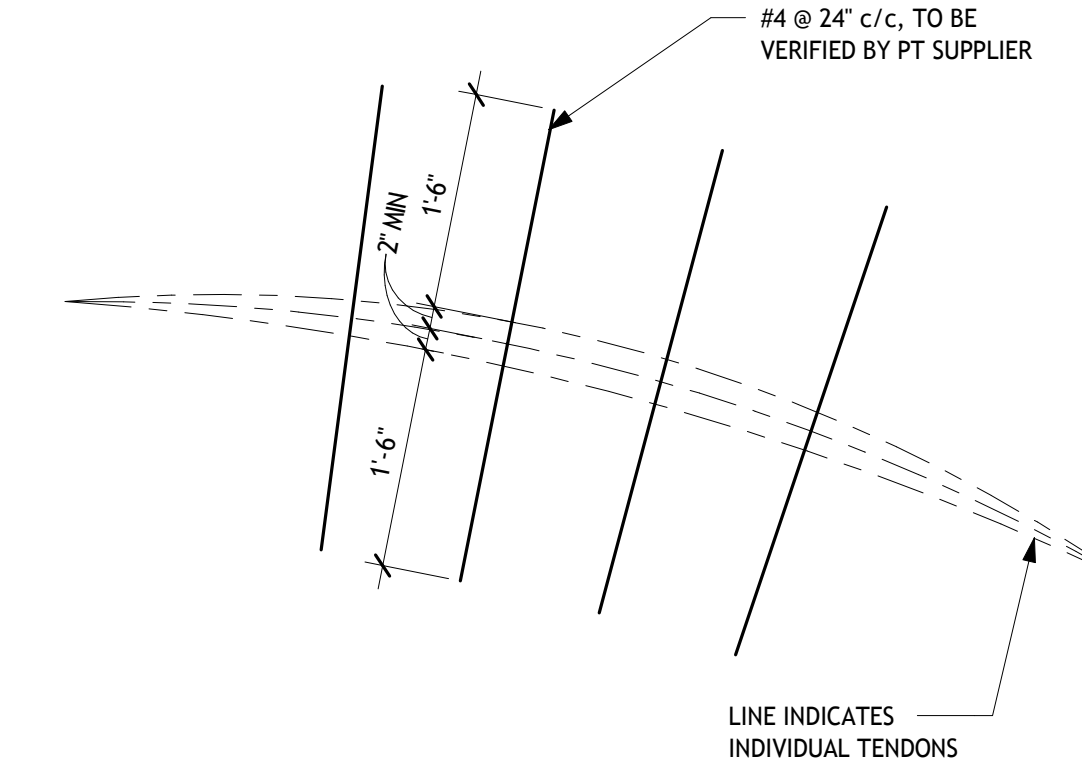
1 SECTION
S210 3/4" - 1'-0"



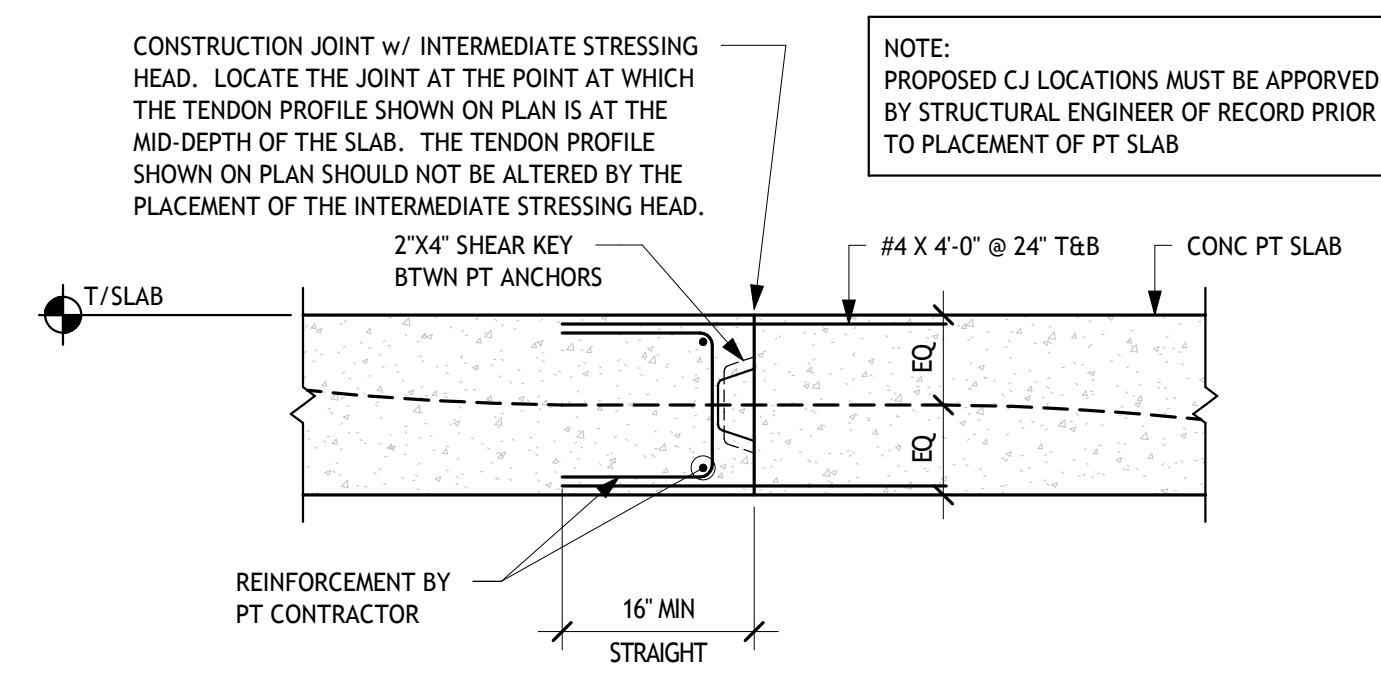
2 SECTION
S210 3/4" - 1'-0"



3 DETAIL @ OPENING
S210 3/4" - 1'-0"



4 DETAIL @ BANDED TENDON SWEEP
S210 3/4" - 1'-0"



5 TYP CONSTRUCTION JOINT DETAIL
S210 3/4" - 1'-0"

REVISION SCHEDULE		
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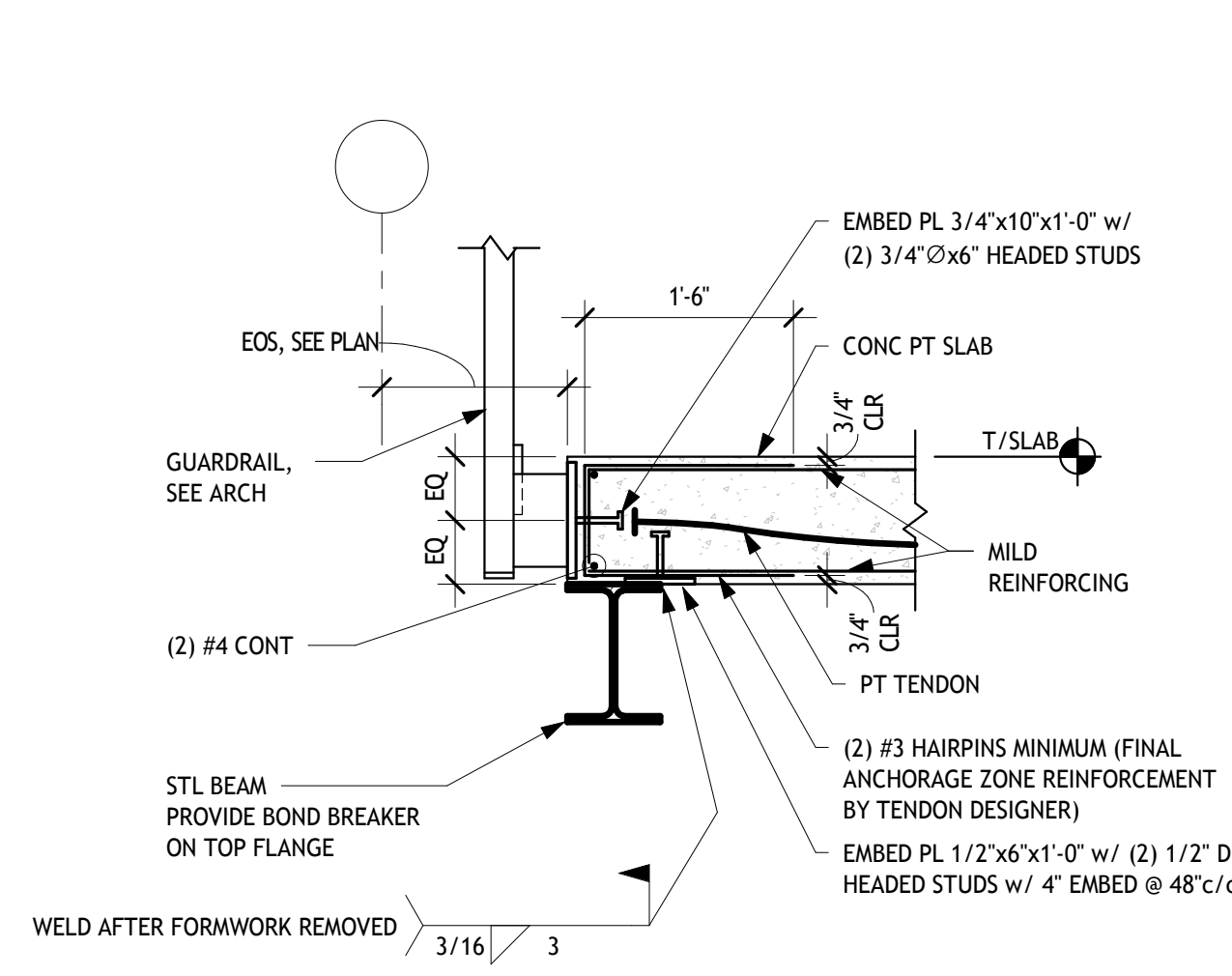
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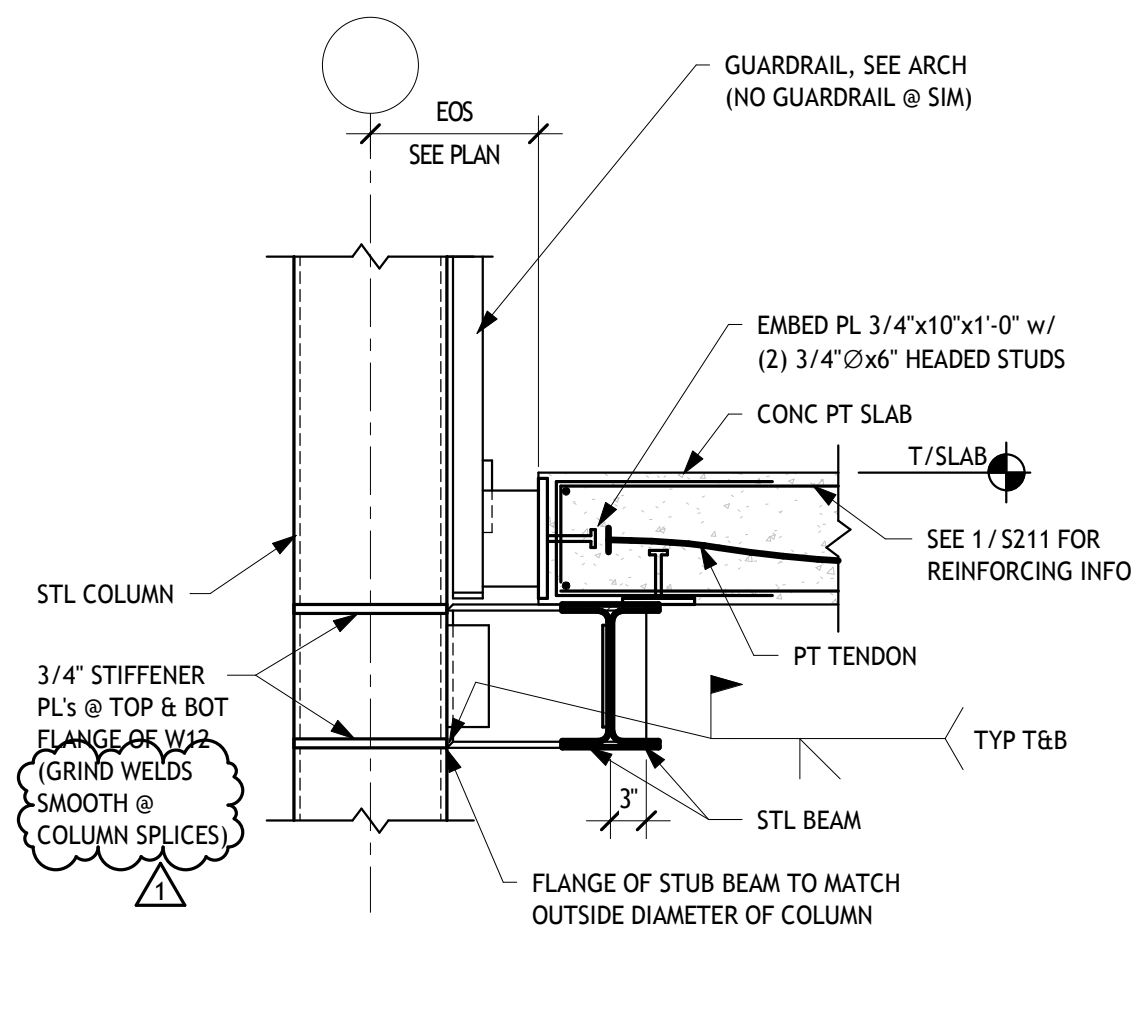
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JOSEPH E. NOSER
E-74883
07/01/2022

TYPICAL FLOOR FRAMING SECTIONS & DETAILS

S210



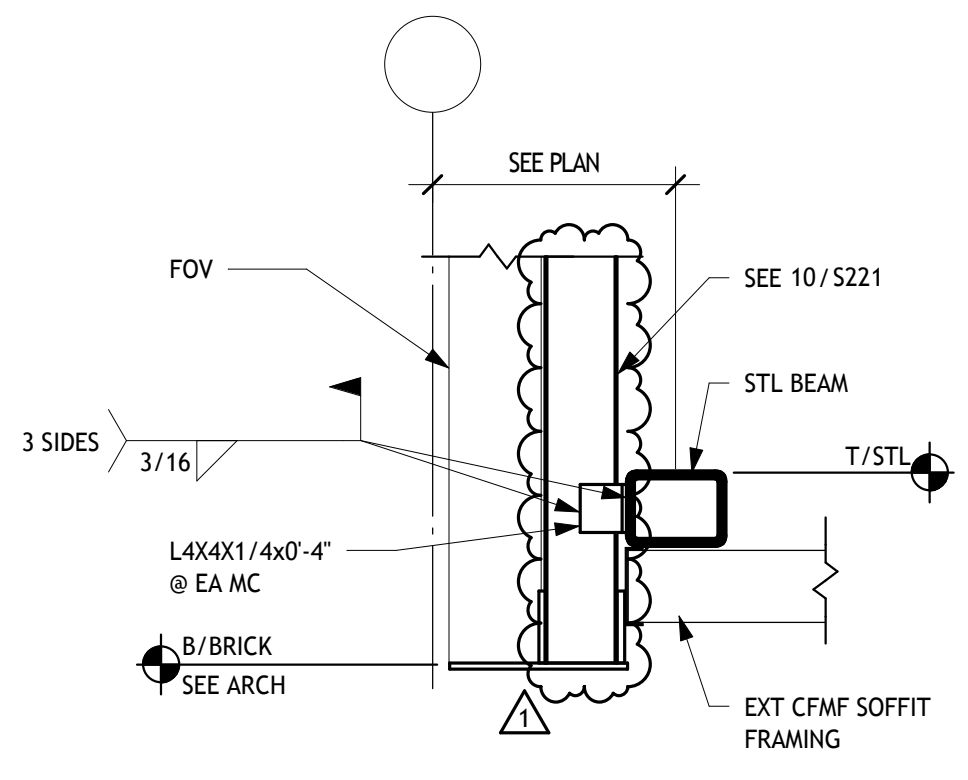
1 SECTION
S211 3/4" = 1'-0"



2 SECTION
S211 3/4" = 1'-0"

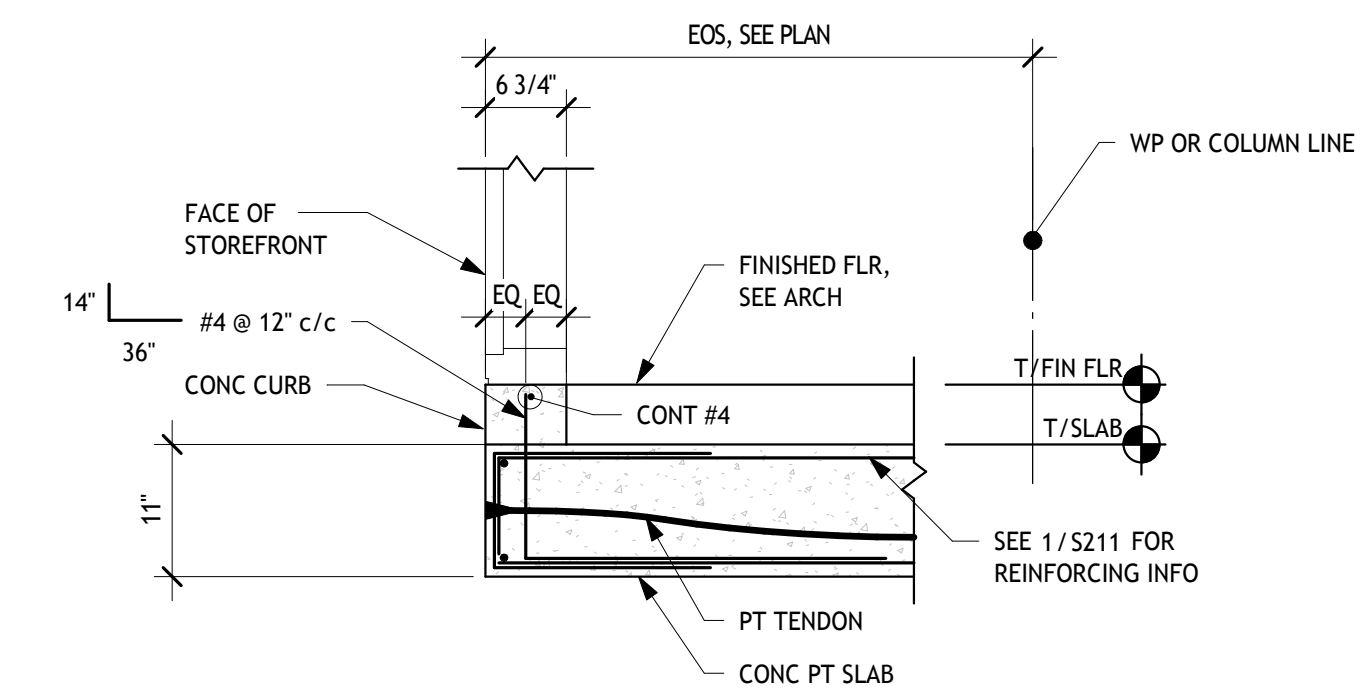
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3 SECTION
S211 3/4" = 1'-0"

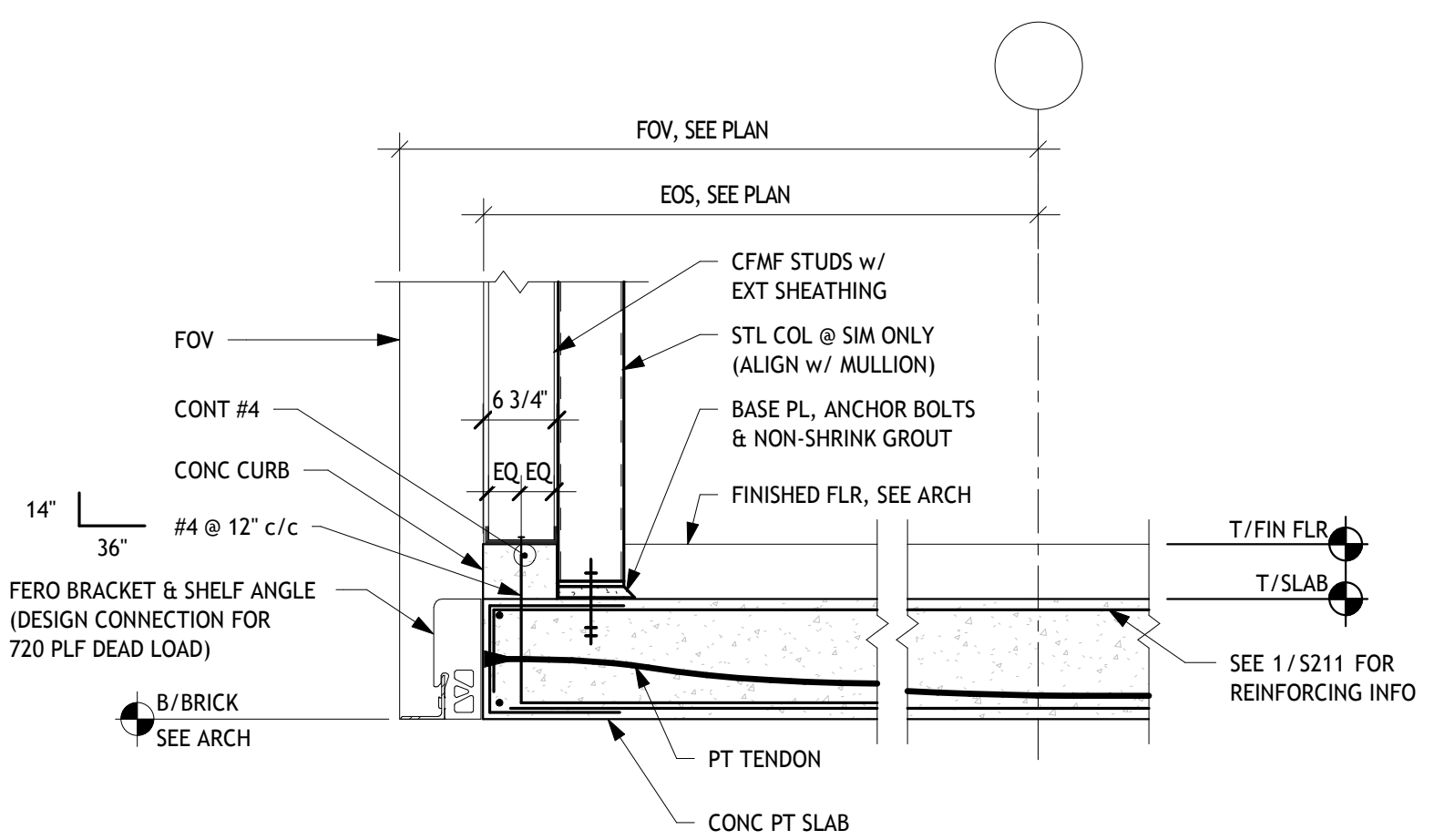


SEE SECTION 10 / S211 FOR SUSPENDED BRICK SUPPORT STEEL FROM ROOF STRUCTURE ABOVE. BRICK IS NOT PERMITTED TO BE GRAVITY SUPPORTED FROM THE HSS SHOWN IN THIS SECTION.

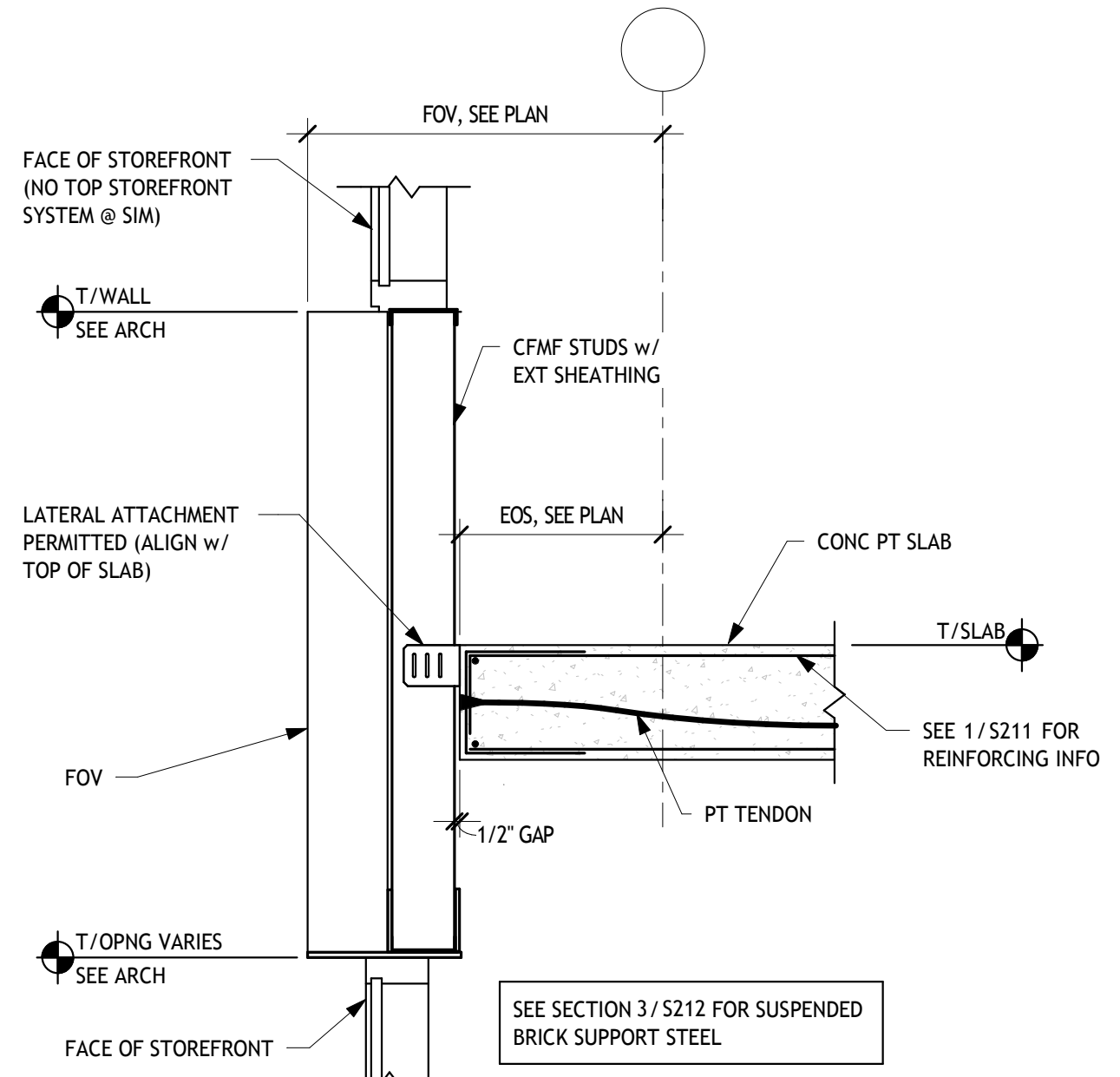
4 SECTION
S211 3/4" = 1'-0"



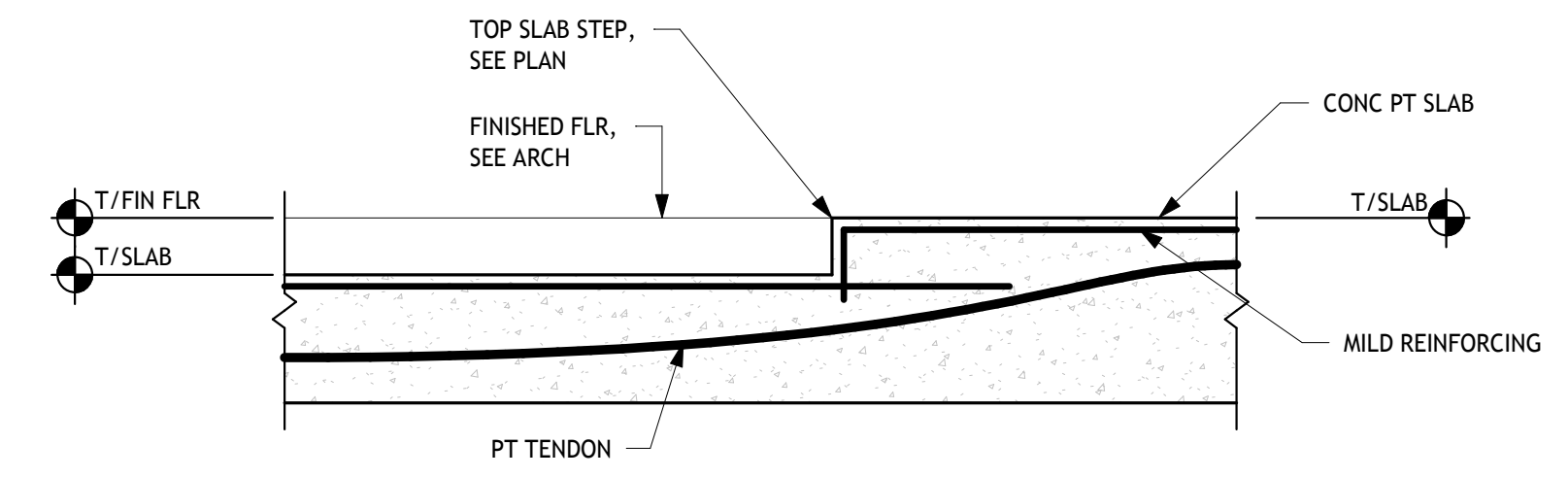
5 SECTION
S211 3/4" = 1'-0"



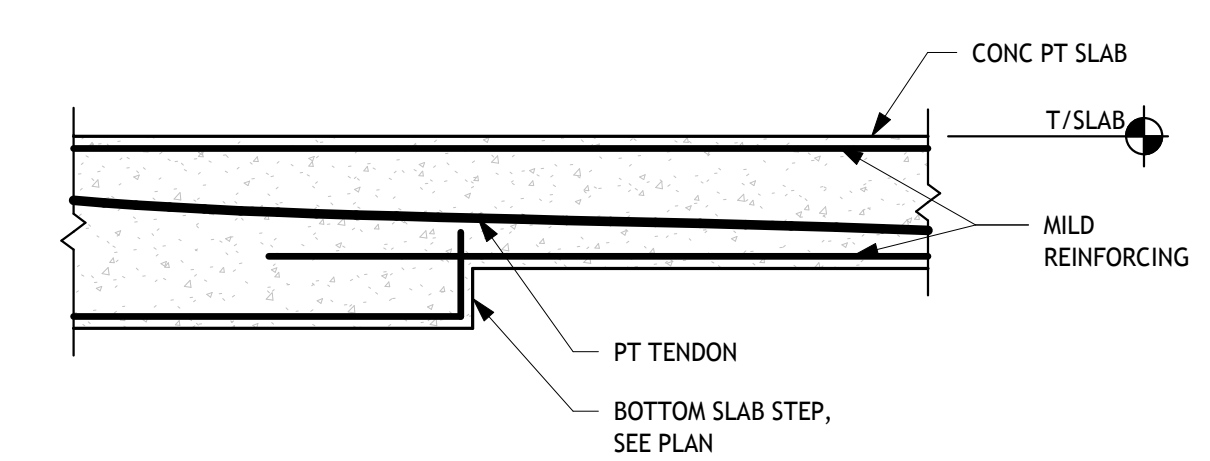
6 SECTION
S211 3/4" = 1'-0"



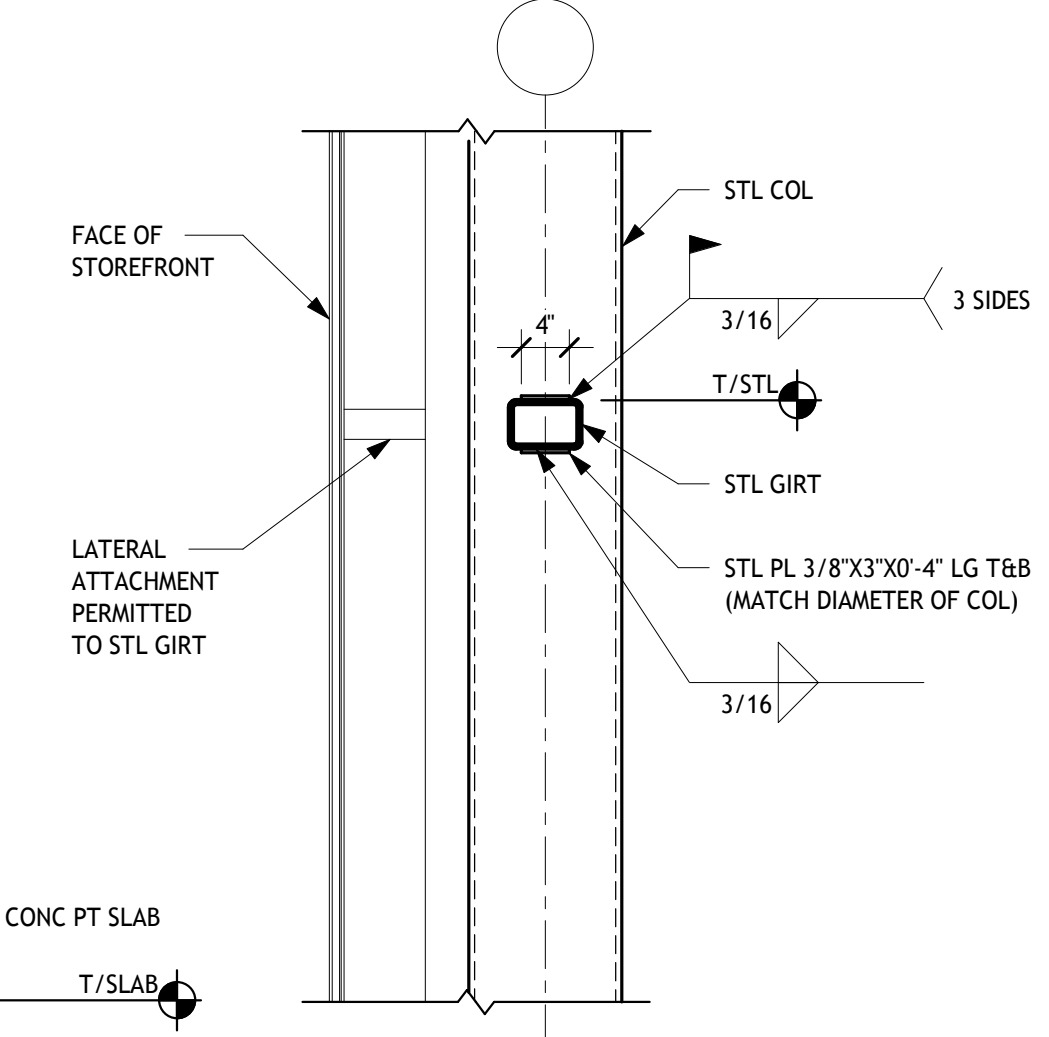
7 SECTION
S211 3/4" = 1'-0"



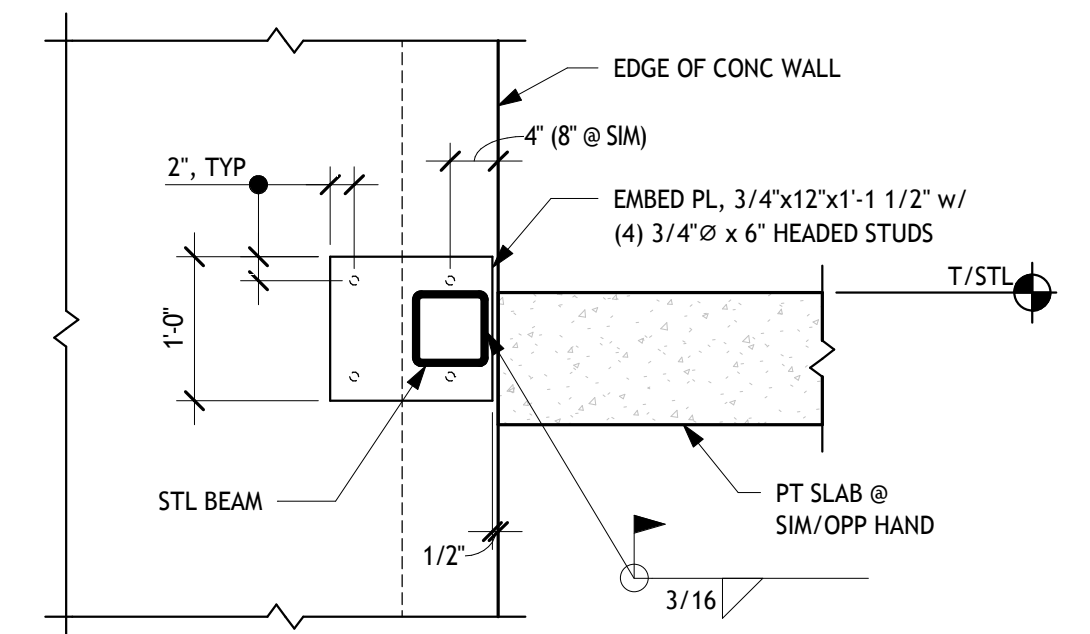
8 SECTION
S211 3/4" = 1'-0"



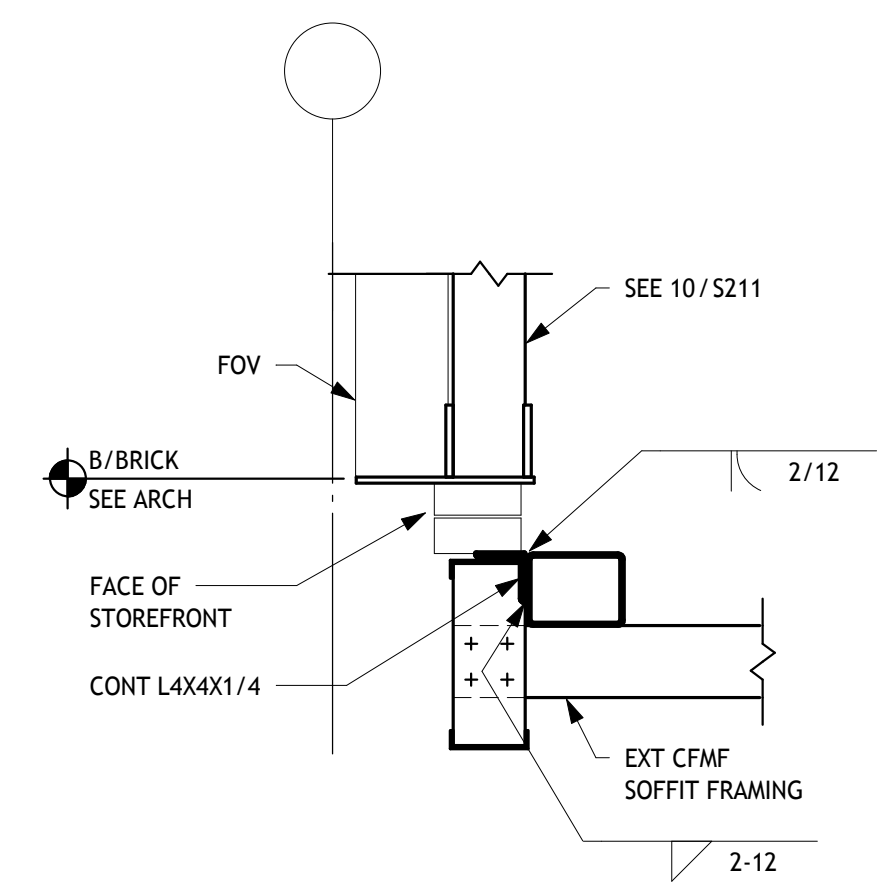
9 SECTION
S211 3/4" = 1'-0"



10 SECTION
S211 3/4" = 1'-0"



11 SECTION
S211 3/4" = 1'-0"



12 SECTION
S211 3/4" = 1'-0"

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01

PROJECT NAME:
CML REYNOLDSBURG
1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

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ISSUE DATE: 06/10/2022

SMBH
STRUCTURAL ENGINEERING
1166 Dublin Road Suite 200
Columbus, OH 43215-1038
614-481-9800
www.smbhinc.com
SMBH16161-018-04-001

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER
JOSEPH E. NOSER
E-74883
07/01/2022

SECOND FLOOR SECTIONS & DETAILS

S211