

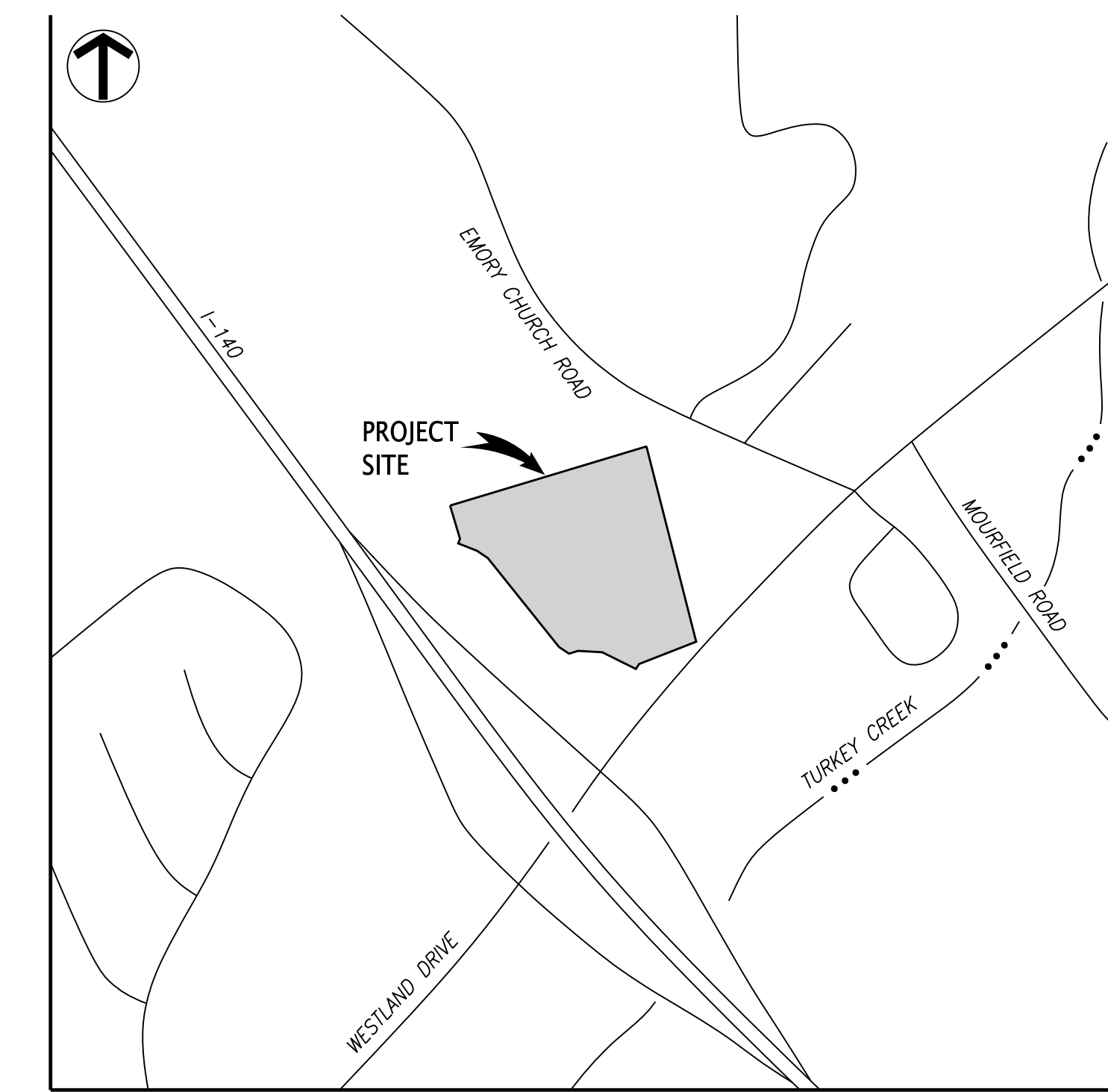
McCarthy Holapple McCarly, Inc.
550 W. Main St., Suite 300
Knoxville, TN 37902
1.865.544.2000
www.mhmlnc.com

Consultants:
CIVIL ENGINEER:
FULGHUM MACINDOE & ASSOCIATES, INC.
10330 HARDIN VALLEY RD, site 201
KNOXVILLE, TN 37932
1.865.690.6419

STRUCTURAL ENGINEER:
HAINES STRUCTURAL GROUP
800 SOUTH GAY ST, site 1625
KNOXVILLE, TN 37902
1.865.329.9920

ELECTRICAL ENGINEER:
ENGINEERING SERVICES GROUP, INC.
900 E. HILL AVE, site 350
KNOXVILLE, TN 37915
1.865.522.0393

MECHANICAL/PLUMBING ENGINEER:
ENGINEERING SERVICES GROUP, INC.
900 E. HILL AVE, site 350
KNOXVILLE, TN 37915
1.865.522.0393



LOCATION MAP
(NOT TO SCALE)

NOTES:

1. THE BOUNDARY DATA WAS TAKEN FROM LYNCH SURVEYS, LLC DATED APRIL 14, 2021.
2. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TAKEN FROM THE FENCE LINE, PROPERTY LINE, FACE OF CURB, EDGE OF PAVEMENT OR OUTSIDE FACE OF BUILDING.
3. CONCRETE CURB AND PAVEMENT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE CURB AND PAVEMENT SHALL MEET THE MATERIALS, EQUIPMENT, AND CONSTRUCTION REQUIREMENTS OF THE CITY OF KNOXVILLE DEPARTMENT OF ENGINEERING STANDARD SPECIFICATIONS.
4. PROPERTY CONCERNED REFLECTS PARCEL 144.03014 AS SHOWN IN KNOX COUNTY CLI MAP 144. ZONING FOR THE PROPERTY IS RM-1, SINGLE FAMILY RESIDENTIAL DISTRICT. CITY BLOCK NO. 51012, WARD NO. 51, TOTAL AREA = 8.82± AC. TOTAL DISTURBED AREA = 1.98± AC.
OWNER: SHORELINE CHURCH INC
9635 WESTLAND DRIVE
KNOXVILLE, TN 37922
5. RETAINING WALLS TO BE DESIGNED AND SEALED BY AN ENGINEER LICENSED IN THE STATE OF TENNESSEE AND SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO ISSUANCE OF A PERMIT. REFER TO VENDOR'S PLANS FOR RETAINING WALL AND RAILING DETAILS. RAILING SHALL BE PROVIDED FOR RETAINING WALL HEIGHTS THAT EQUAL OR EXCEED 30 INCHES.
6. REFER TO ARCHITECTURAL PLANS FOR ACTUAL BUILDING DIMENSIONS.
7. INSTALL EXISTING PLAYGROUND EQUIPMENT PER MANUFACTURER RECOMMENDATIONS AND RE-CERTIFY EQUIPMENT. COORDINATE NEW LAYOUT WITH OWNER.
8. PLANNING FILE NUMBER: 11-B-21-SU.

IMPERVIOUS AREA SUMMARY:

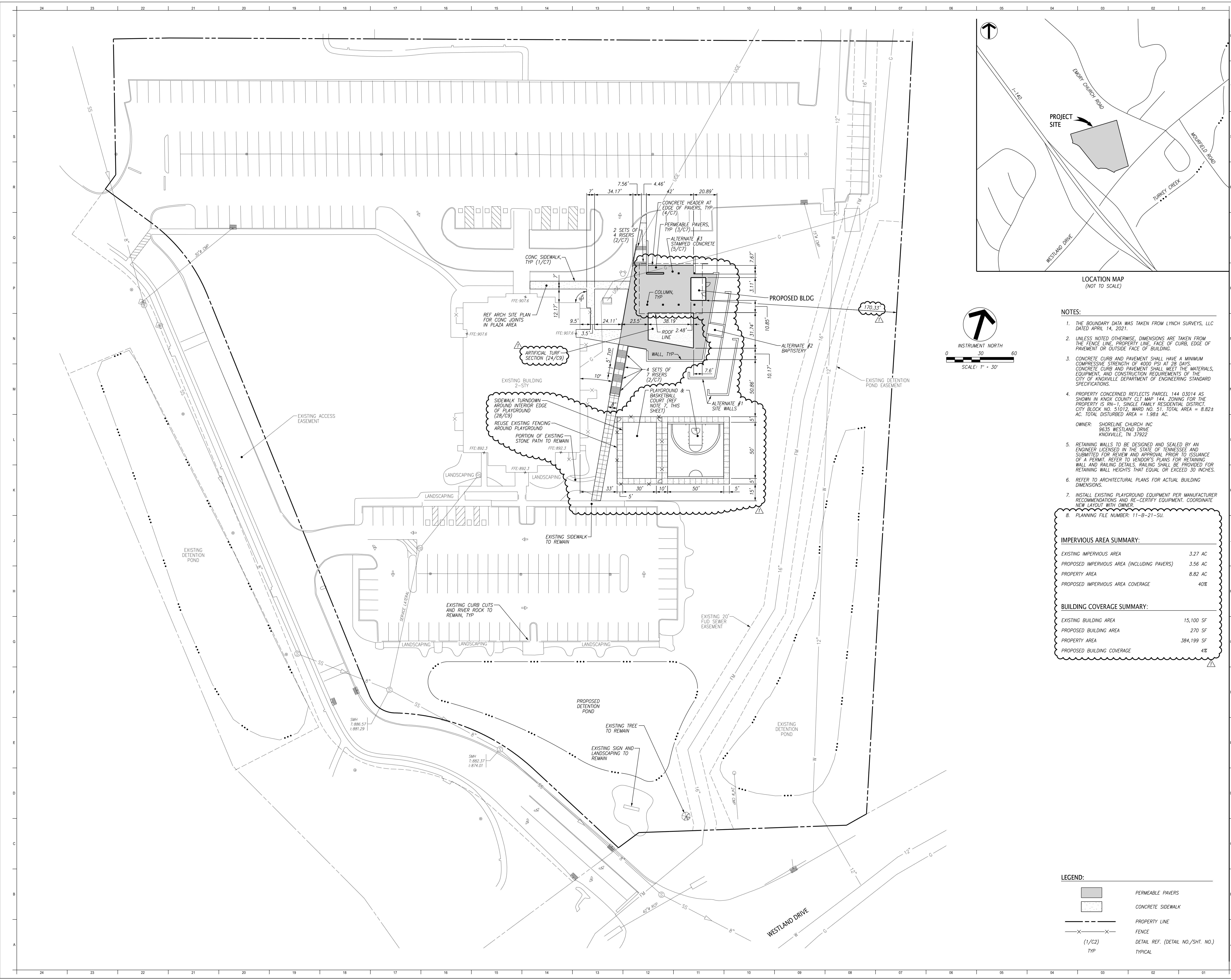
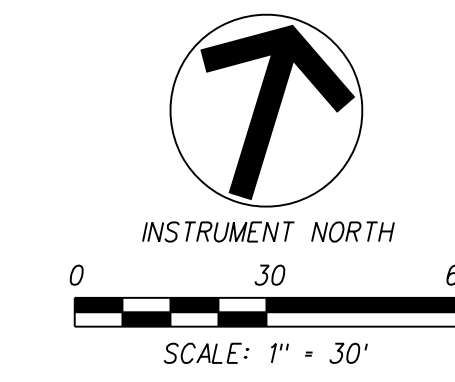
EXISTING IMPERVIOUS AREA	3.27 AC
PROPOSED IMPERVIOUS AREA (INCLUDING PAVERS)	3.56 AC
PROPERTY AREA	8.82 AC
PROPOSED IMPERVIOUS AREA COVERAGE	40%

BUILDING COVERAGE SUMMARY:

EXISTING BUILDING AREA	15,100 SF
PROPOSED BUILDING AREA	270 SF
PROPERTY AREA	394,199 SF
PROPOSED BUILDING COVERAGE	4%

LEGEND:

	PERMEABLE PAVERS
	CONCRETE SIDEWALK
	PROPERTY LINE
	FENCE
	DETAIL REF. (DETAIL NO./SHT. NO.)
	TYPICAL

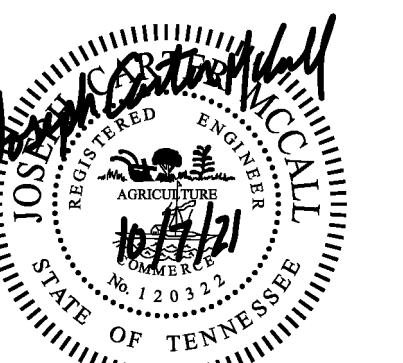


Project Information:

20003

**SHORELINE CHURCH
PLAZA / PAVILION**
9635 WESTLAND DR - KNOXVILLE,
TN 37922

Seal:



Consultant:



#	ISSUE	DATE
1	PERMITTING	10/11/21

Issue Date: 10/07/21
Proj Mgr: WCF
Designed By: JCM
Drawn By: JCM

Drawing Info:

C1

LAYOUT & PAVING PLAN



#	ISSUE	DATE
1	PERMITTING	10/11/21

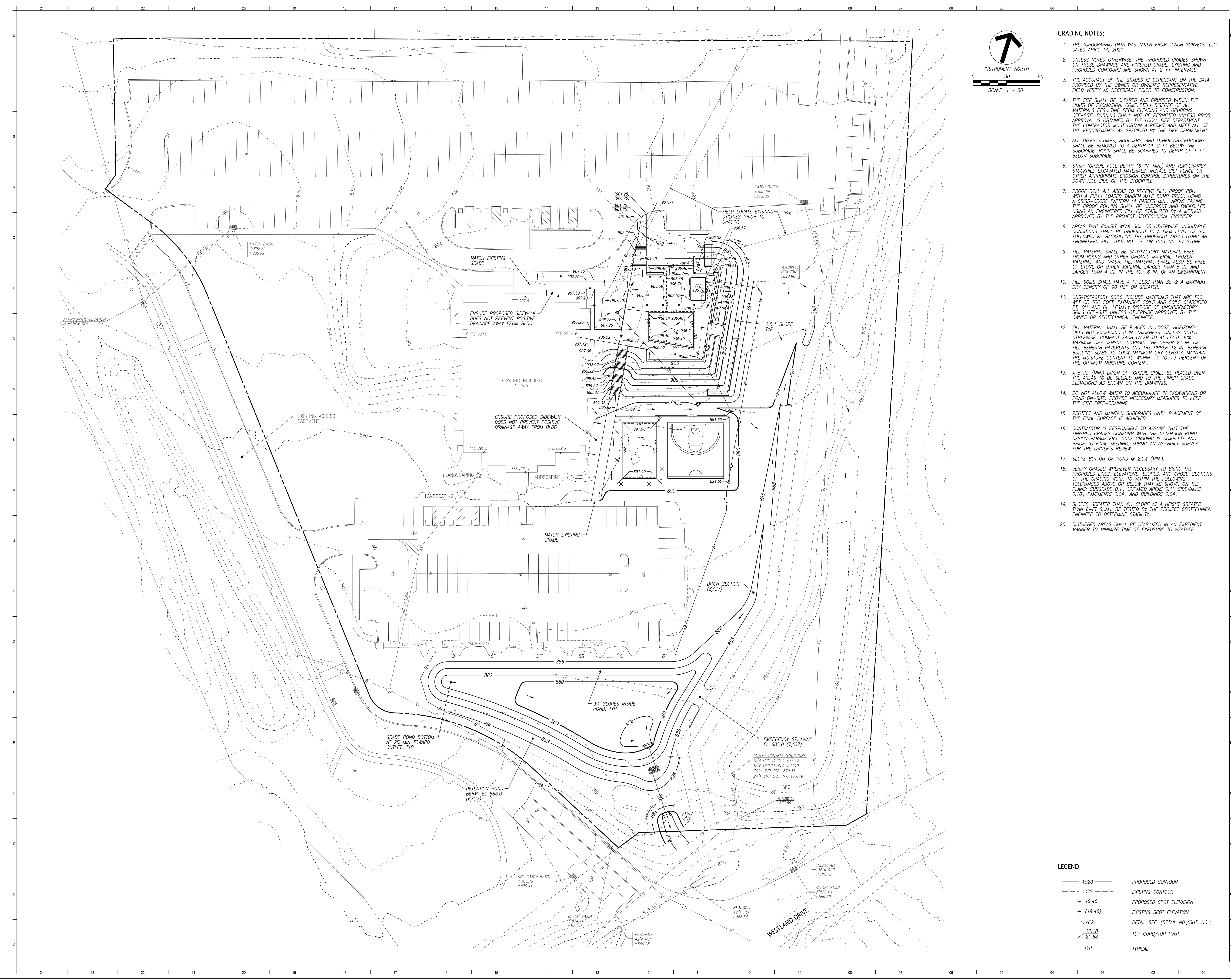
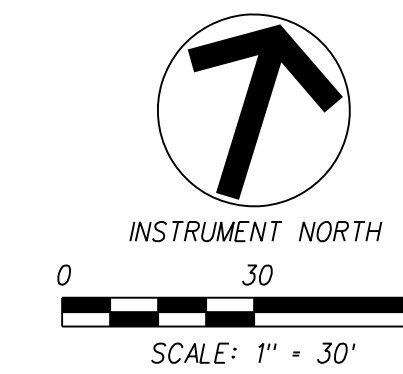
Issue Date:	10/07/21
Proj Mgr:	WCF
Designed By:	JCM
Drawn By:	JCM

GRADING NOTES:

1. THE TOPOGRAPHIC DATA WAS TAKEN FROM LYNCH SURVEYS, LLC DATED APRIL 14, 2021.
2. UNLESS NOTED OTHERWISE, THE PROPOSED GRADES SHOWN ON THESE DRAWINGS ARE FINISHED GRADE. EXISTING AND PROPOSED CONTOURS ARE SHOWN AT 2'-FT. INTERVALS.
3. THE ACCURACY OF THE GRADES IS DEPENDANT ON THE DATA PROVIDED BY THE OWNER OR OWNER'S REPRESENTATIVE. FIELD VERIFY AS NECESSARY PRIOR TO CONSTRUCTION.
4. THE SITE SHALL BE CLEARED AND GRUBBED WITHIN THE LIMITS OF EXCAVATION. COMPLETELY DISPOSE OF ALL MATERIALS RESULTING FROM CLEARING AND GRUBBING. OFF-SITE BURNING SHALL NOT BE PERMITTED UNLESS PRIOR APPROVAL IS OBTAINED BY THE LOCAL FIRE DEPARTMENT. THE CONTRACTOR MUST OBTAIN A PERMIT AND MEET ALL OF THE REQUIREMENTS AS SPECIFIED BY THE FIRE DEPARTMENT.
5. ALL TREES, STUMPS, BOULDERS, AND OTHER OBSTRUCTIONS SHALL BE REMOVED TO A DEPTH OF 2 FT BELOW THE SUBGRADE. ROCK SHALL BE SCARRIFIED TO DEPTH OF 1 FT BELOW SUBGRADE.
6. STRIP TOPSOIL FULL DEPTH (6-IN. MIN.) AND TEMPORARILY STOCKPILE EXCAVATED MATERIALS. INSTALL SILT FENCE OR OTHER APPROPRIATE EROSION CONTROL STRUCTURES ON THE DOWN HILL SIDE OF THE STOCKPILE.
7. PROOF ROLL ALL AREAS TO RECEIVE FILL. PROOF ROLL WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK USING A CROSS-CROSS PATTERN (4 PASSES MIN). AREAS FAILING THE PROOF ROLLING SHALL BE UNDERCUT AND BACKFILLED USING AN ENGINEERED FILL OR STABILIZED BY A METHOD APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.
8. AREAS THAT EXHIBIT WEAK SOIL OR OTHERWISE UNSUITABLE CONDITIONS SHALL BE UNDERCUT TO A FIRM LEVEL OF SOIL FOLLOWED BY BACKFILLING THE UNDERCUT AREAS USING AN ENGINEERED FILL. TDOT NO. 57, OR TDOT NO. 67 STONE.
9. FILL MATERIAL SHALL BE SATISFACTORY MATERIAL FREE FROM ROOTS AND OTHER ORGANIC MATERIAL, FROZEN MATERIAL, AND TRASH. FILL MATERIAL SHALL ALSO BE FREE OF STONE OR OTHER MATERIAL LARGER THAN 6 IN. AND LARGER THAN 4 IN. IN THE TOP 6 IN. OF AN EMBANKMENT.
10. FILL SOILS SHALL HAVE A PI LESS THAN 30 & A MAXIMUM DRY DENSITY OF 90 PCF OR GREATER.
11. UNSATISFACTORY SOILS INCLUDE MATERIALS THAT ARE TOO WET OR TOO SOFT, EXPANSIVE SOILS AND SOILS CLASSIFIED PT OH, AND OIL. LEGALLY DISPOSE OF UNSATISFACTORY SOILS OFF-SITE UNLESS OTHERWISE APPROVED BY THE OWNER OR GEOTECHNICAL ENGINEER.
12. FILL MATERIAL SHALL BE PLACED IN LOOSE, HORIZONTAL LIFTS NOT EXCEEDING 8 IN. THICKNESS. UNLESS NOTED OTHERWISE, COMPACT EACH LAYER TO AT LEAST 98% MAXIMUM DRY DENSITY. COMPACT THE UPPER 24 IN. OF FILL BENEATH PAVEMENTS AND THE UPPER 12 IN. BENEATH BUILDING SLABS TO 100% MAXIMUM DRY DENSITY. MAINTAIN THE MOISTURE CONTENT TO WITHIN -1 TO +3 PERCENT OF THE OPTIMUM MOISTURE CONTENT.
13. A 6 IN. (MIN.) LAYER OF TOPSOIL SHALL BE PLACED OVER THE AREAS TO BE SEEDED AND TO THE FINISH GRADE ELEVATIONS AS SHOWN ON THE DRAWINGS.
14. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS OR POND ON-SITE. PROVIDE NECESSARY MEASURES TO KEEP THE SITE FREE-DRAINING.
15. PROTECT AND MAINTAIN SUBGRADES UNTIL PLACEMENT OF THE FINAL SURFACE IS ACHIEVED.
16. CONTRACTOR IS RESPONSIBLE TO ASSURE THAT THE FINISHED GRADES CONFORM WITH THE DETENTION POND DESIGN PARAMETERS. ONCE GRADING IS COMPLETE AND PRIOR TO FINAL SEEDING, SUBMIT AN AS-BUILT SURVEY FOR THE OWNER'S REVIEW.
17. SLOPE BOTTOM OF POND @ 2.0% (MIN.).
18. VERIFY GRADES WHEREVER NECESSARY TO BRING THE PROPOSED LINES, ELEVATIONS, SLOPES AND CROSS-SECTIONS OF THE GRADING WORK TO WITHIN THE FOLLOWING TOLERANCES ABOVE OR BELOW THAT AS SHOWN ON THE PLANS: SUBGRADE 0.1', UNPAVED AREAS 0.1', SIDEWALKS 0.10', PAVEMENTS 0.04', AND BUILDINGS 0.04'.
19. SLOPES GREATER THAN 4:1 SLOPE AT A HEIGHT GREATER THAN 6-FT SHALL BE TESTED BY THE PROJECT GEOTECHNICAL ENGINEER TO DETERMINE STABILITY.
20. DISTURBED AREAS SHALL BE STABILIZED IN AN EXPEDITIOUS MANNER TO MINIMIZE TIME OF EXPOSURE TO WEATHER.

LEGEND:

— 1020 —	PROPOSED CONTOUR
- - - 1022 - - -	EXISTING CONTOUR
+ 19.46	PROPOSED SPOT ELEVATION
+ (19.46)	EXISTING SPOT ELEVATION
(1/C2)	DETAIL REF. (DETAIL NO./SHT. NO.)
22.18	TOP CURB/TOP PWMT.
21.68	
TYP	TYPICAL





#	ISSUE	DATE
1	PERMITTING	10/11/21

Issue Date: MAY 21, 2021

PK: --

PM: --

PA: --

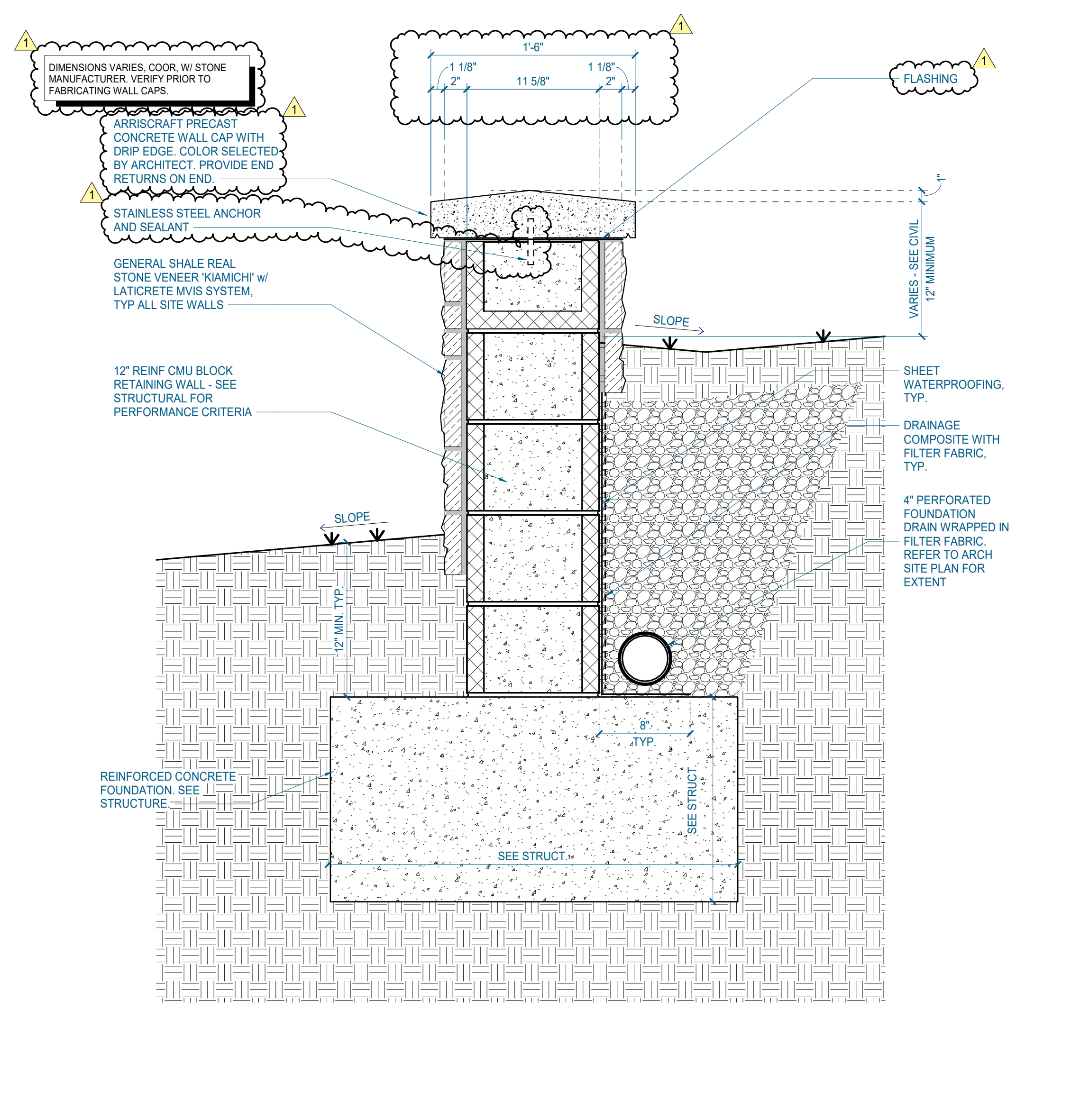
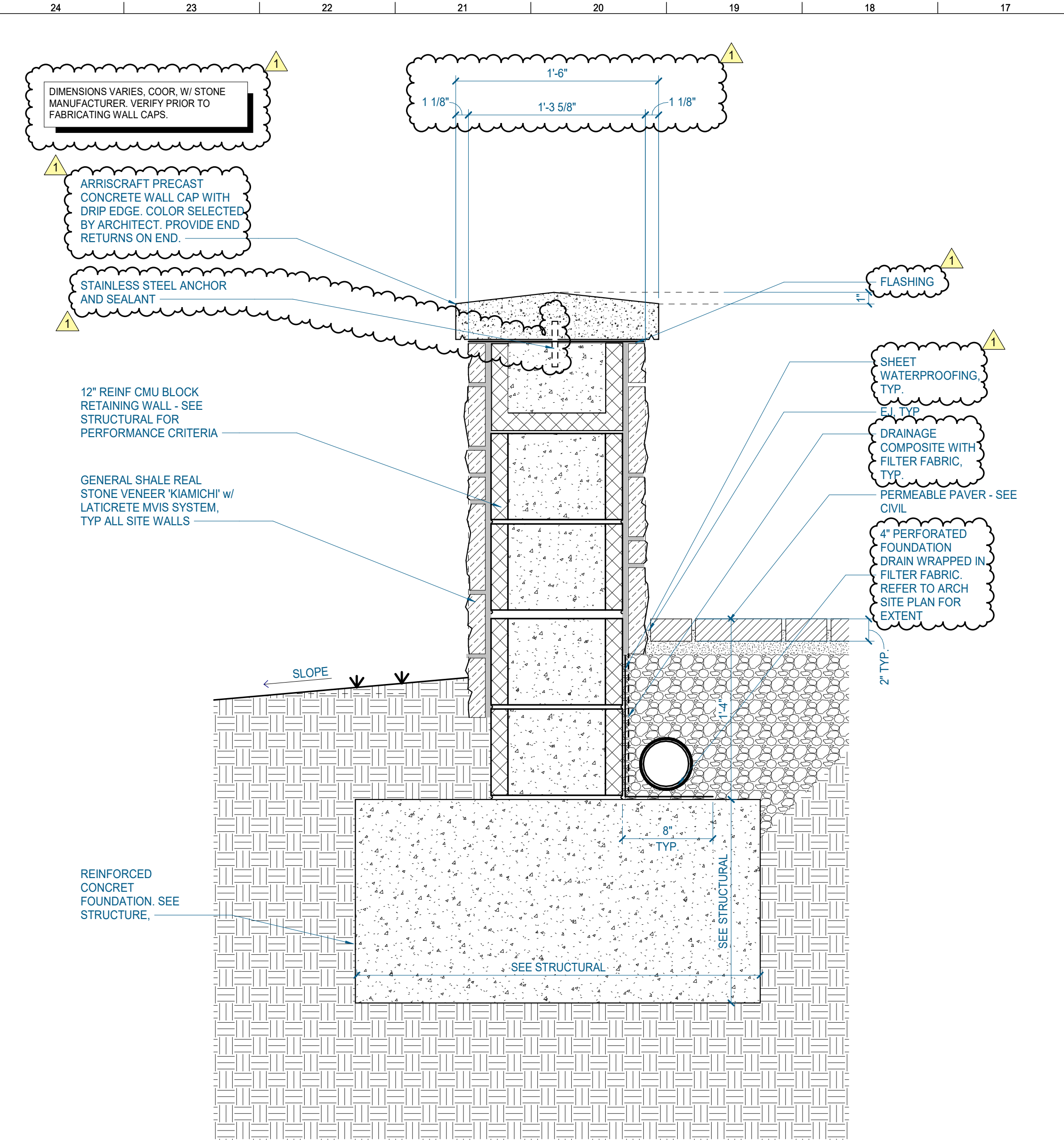
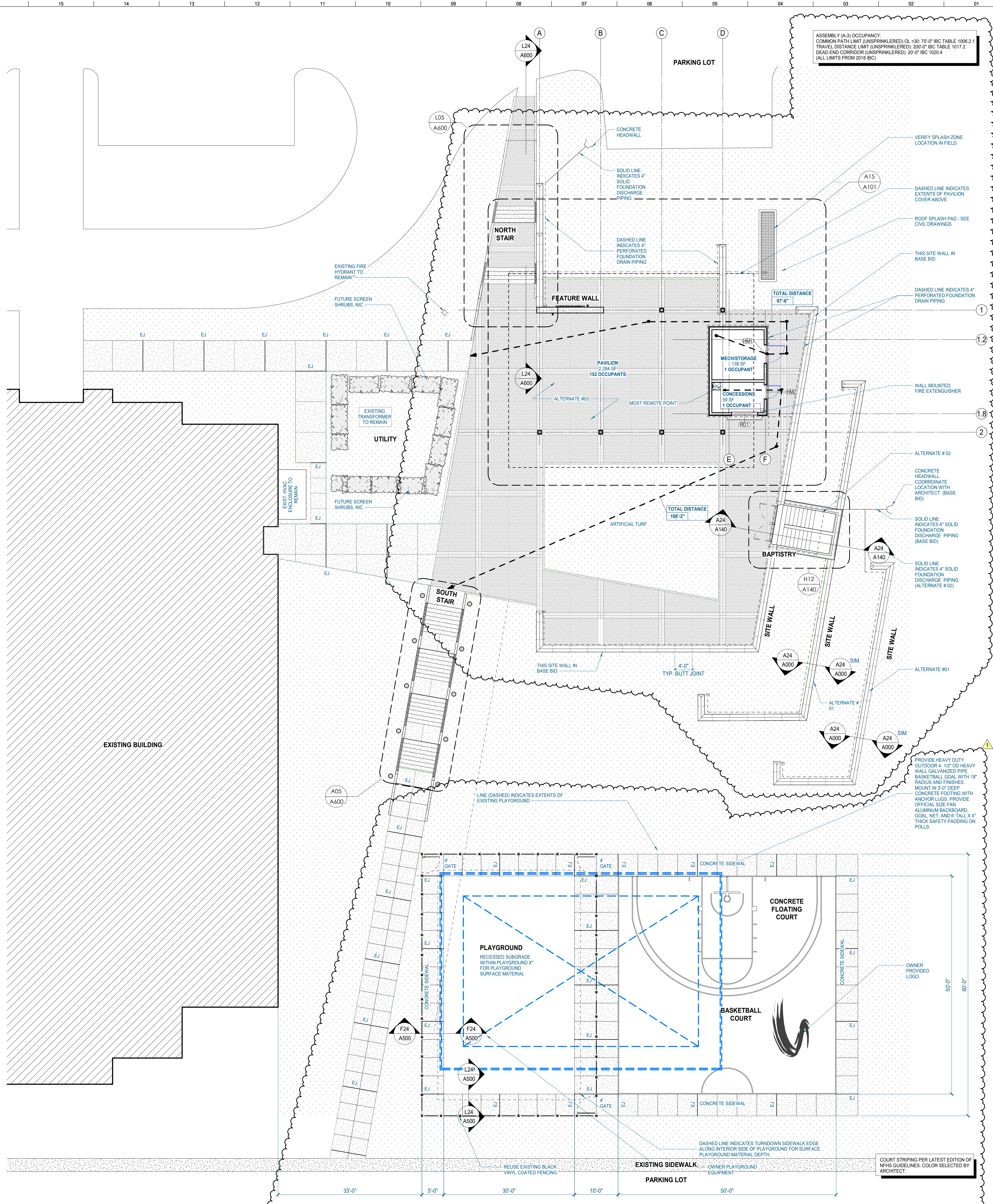
Drawn By: TYLER SANFORD

Checked By: --

Drawing Info:

A000

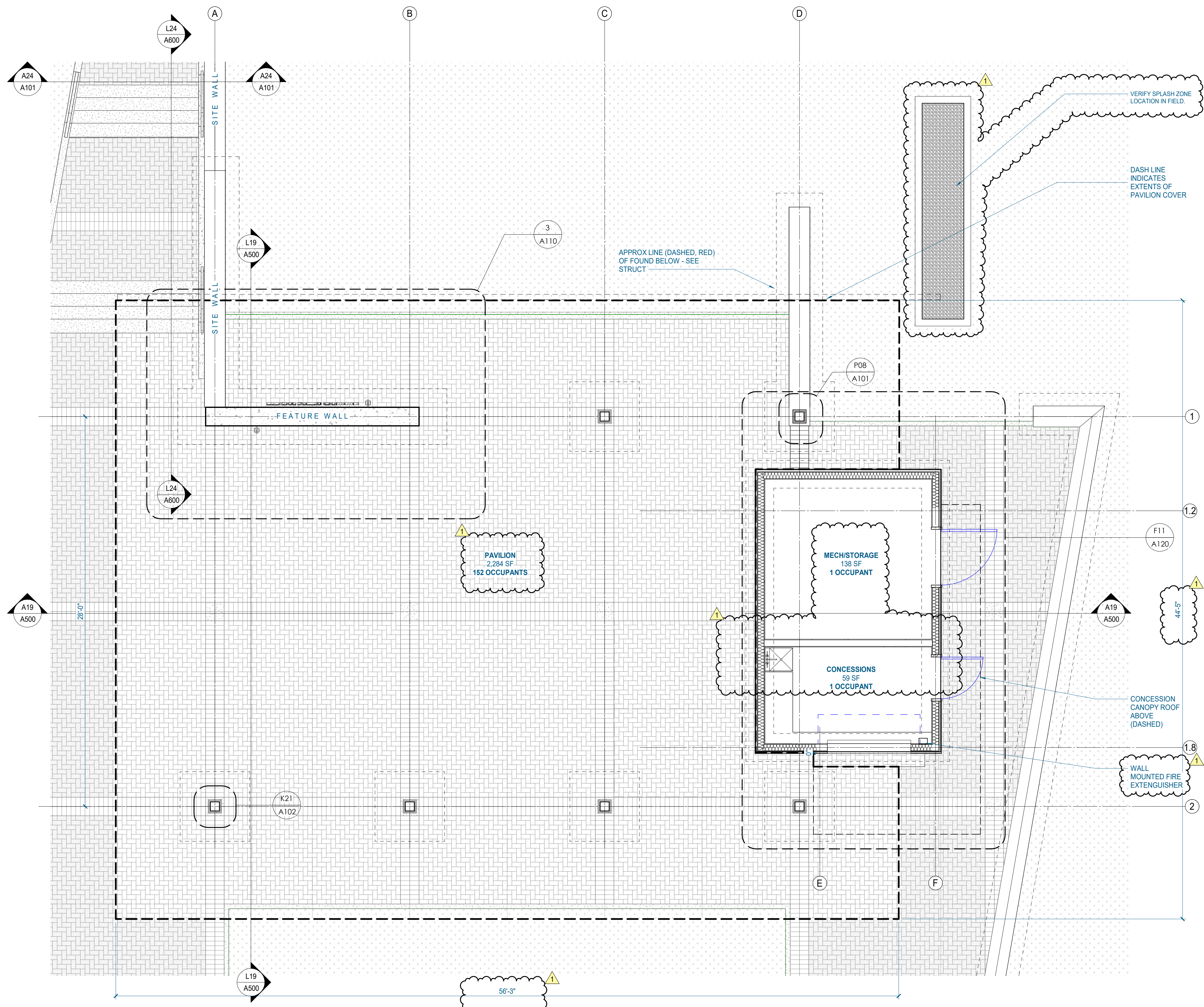
PARTIAL
ARCHITECTURAL SITE
PLAN





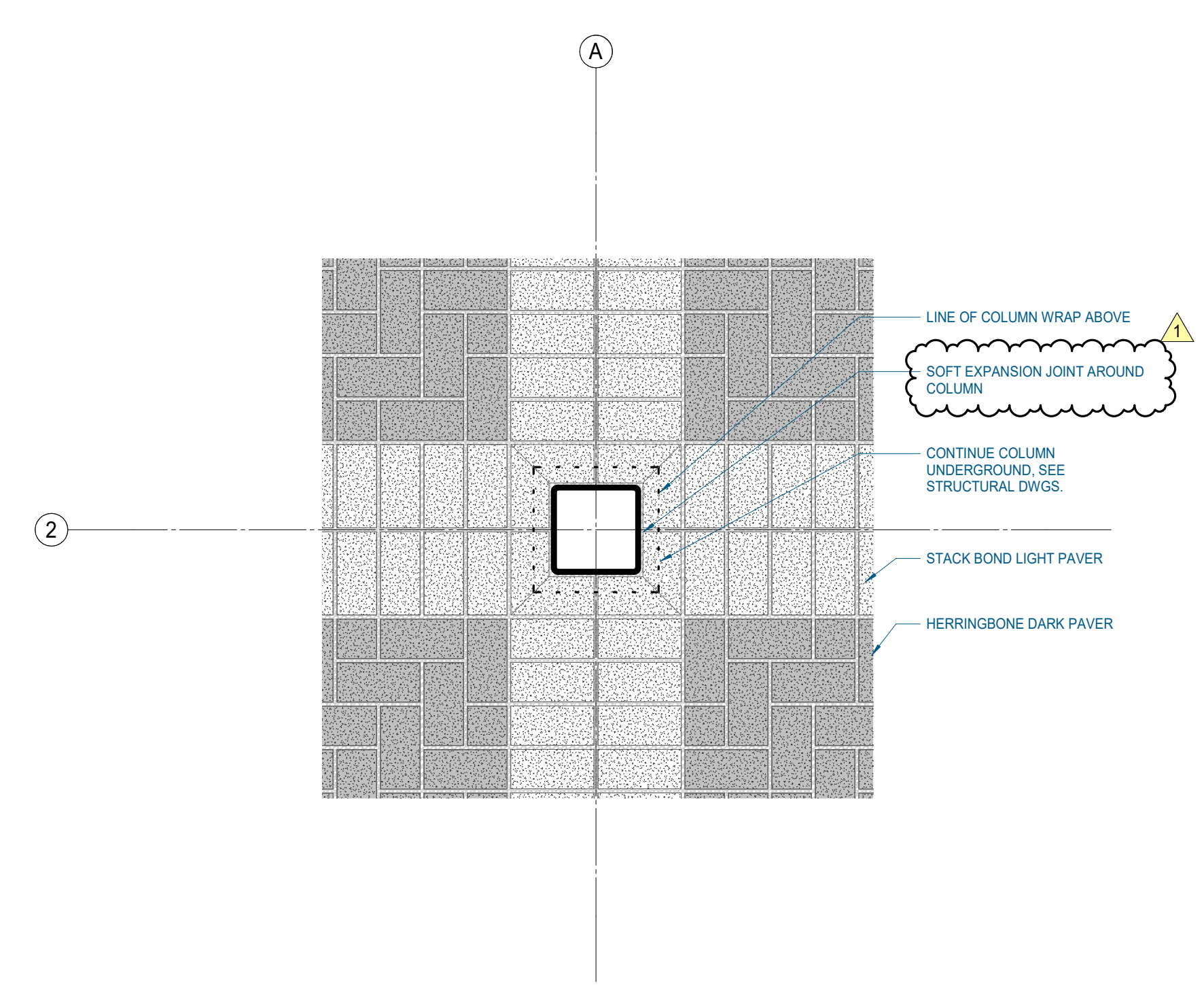
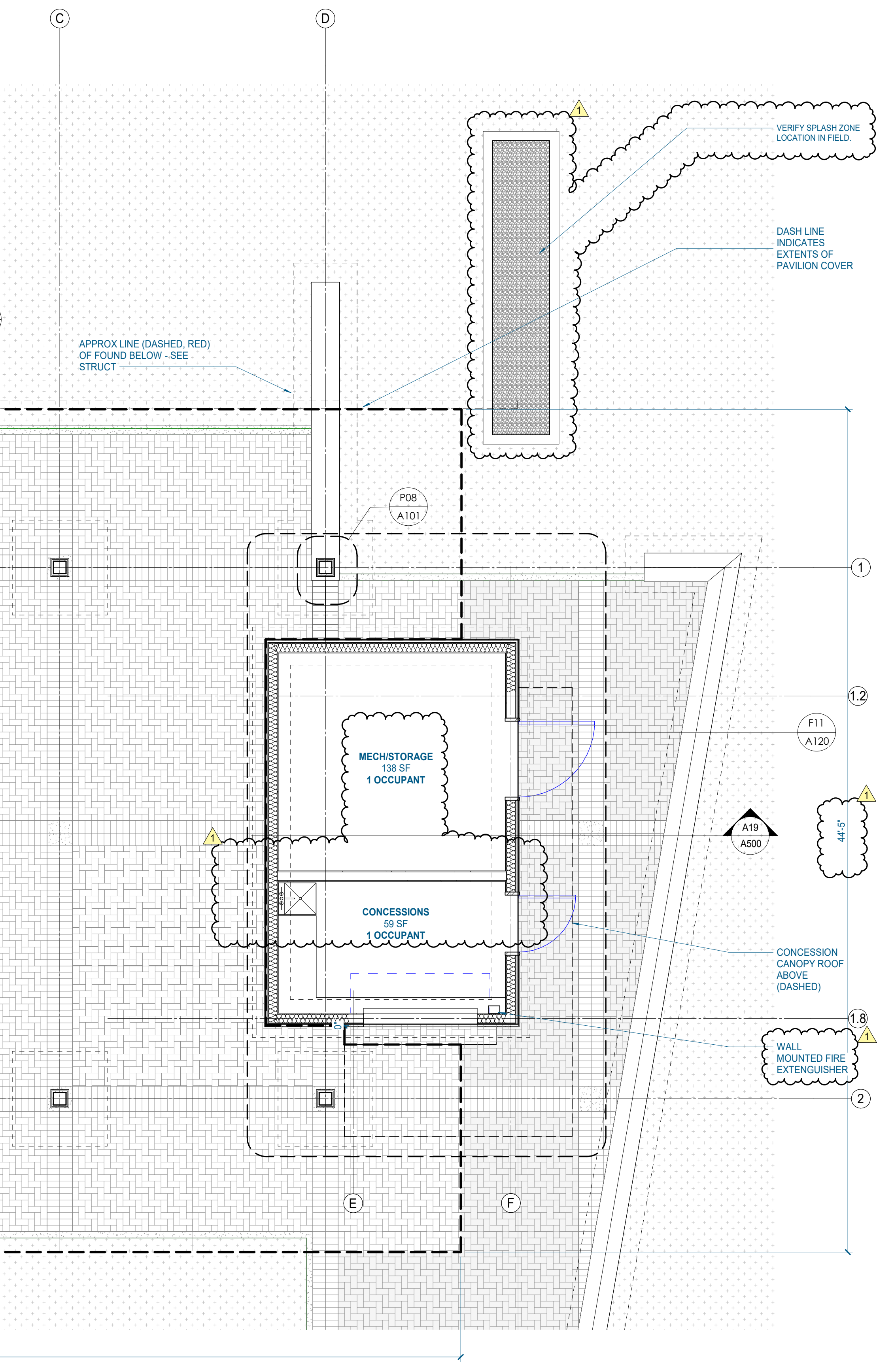
#	ISSUE	DATE
1	PERMITTING	10/11/21

P15 ENLARGED PAVER PLAN AT COLUMN
1" = 1'-0" | A101

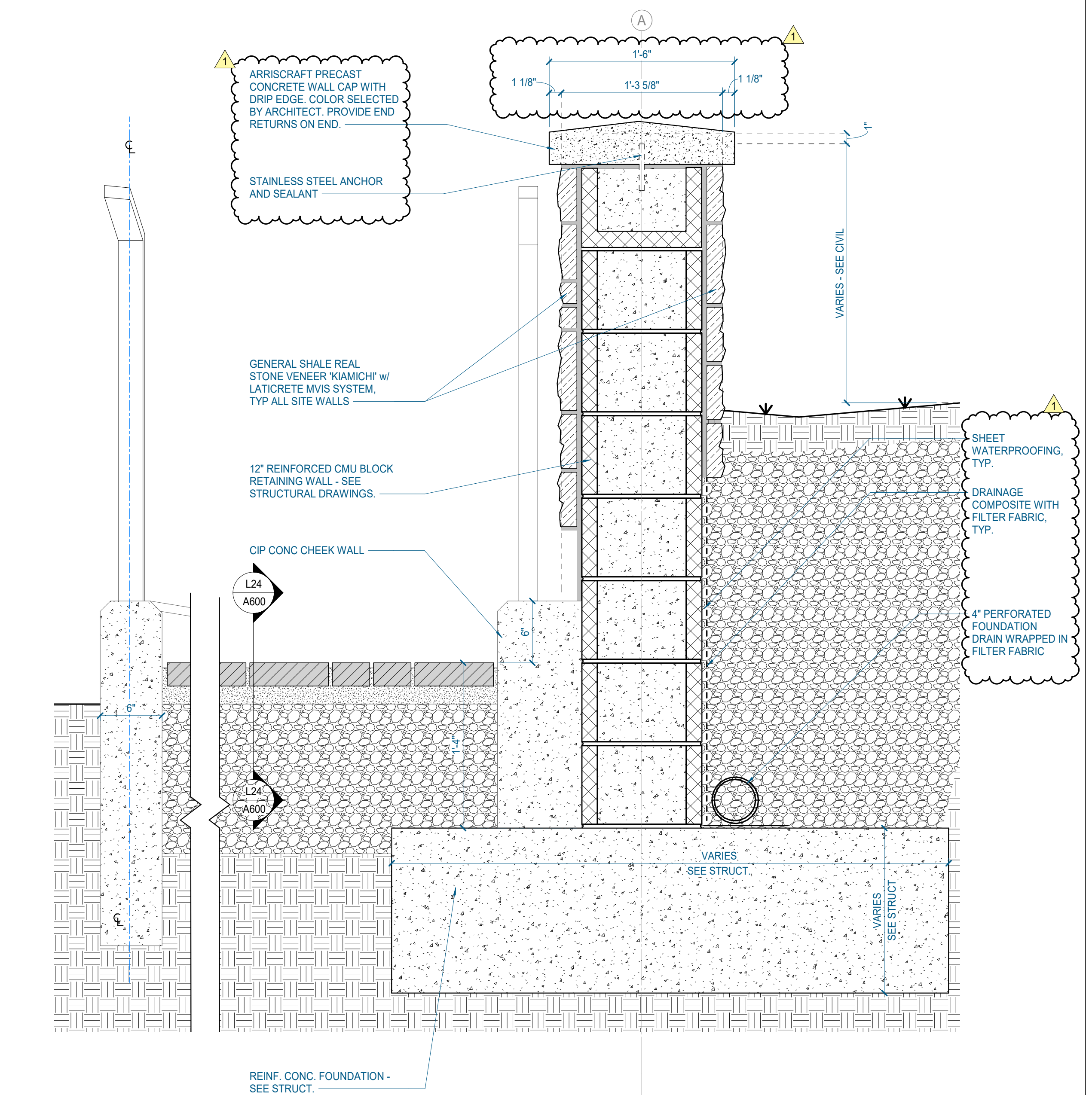


A15 PAVILION ENLARGED PLAN
1/4" = 1'-0" | A101

P08 COLUMN THROUGH WALL CAP
1" = 1'-0" | A101



M24 ENLARGED PAVER PLAN
1/2" = 1'-0" | A101



A24 NORTH STAIR TRANSVERSE SECTION
1 1/2" = 1'-0" | A101

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Consultant:

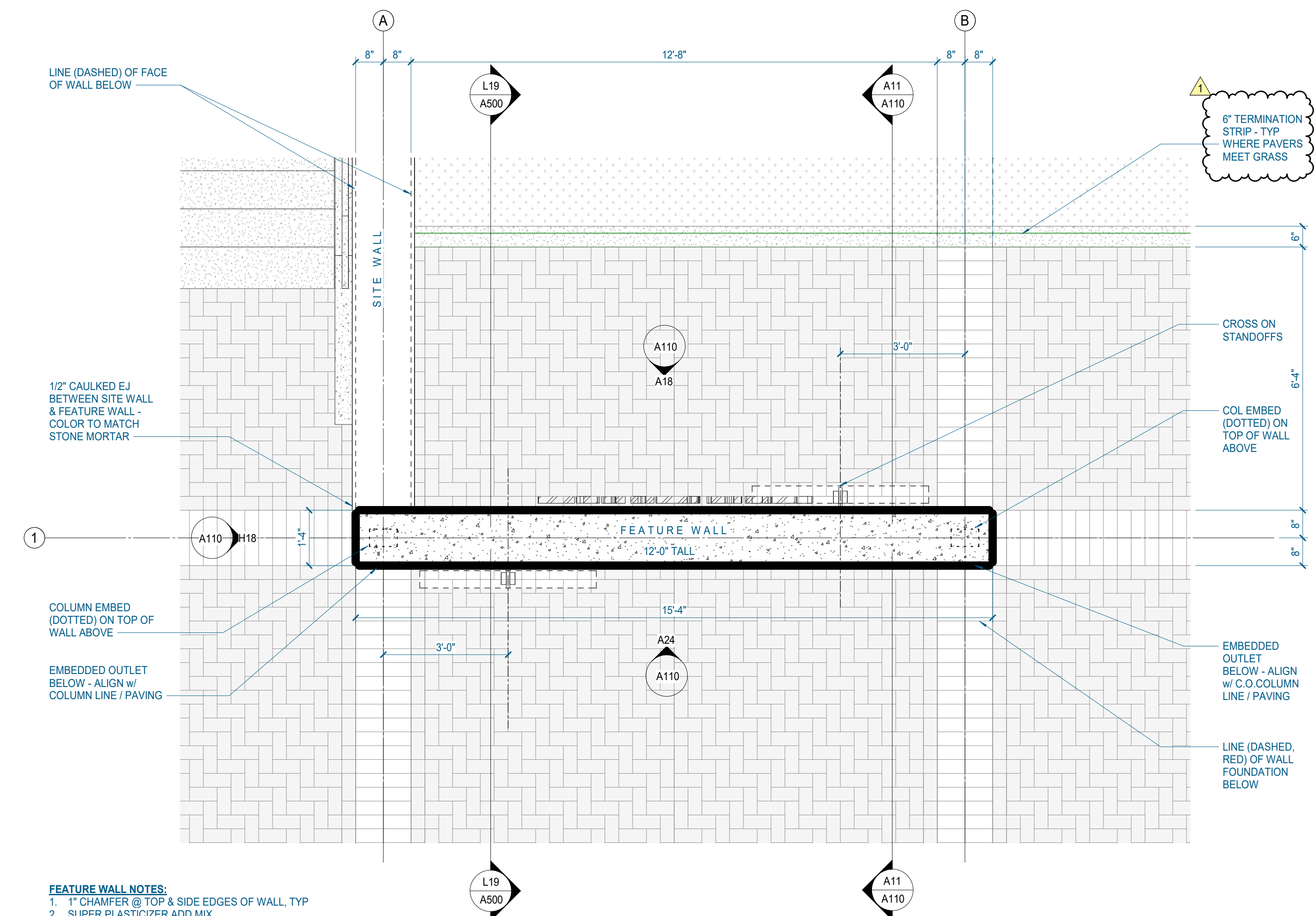
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1	PERMITTING	10/11/21

Issue Date: MAY 21, 2021

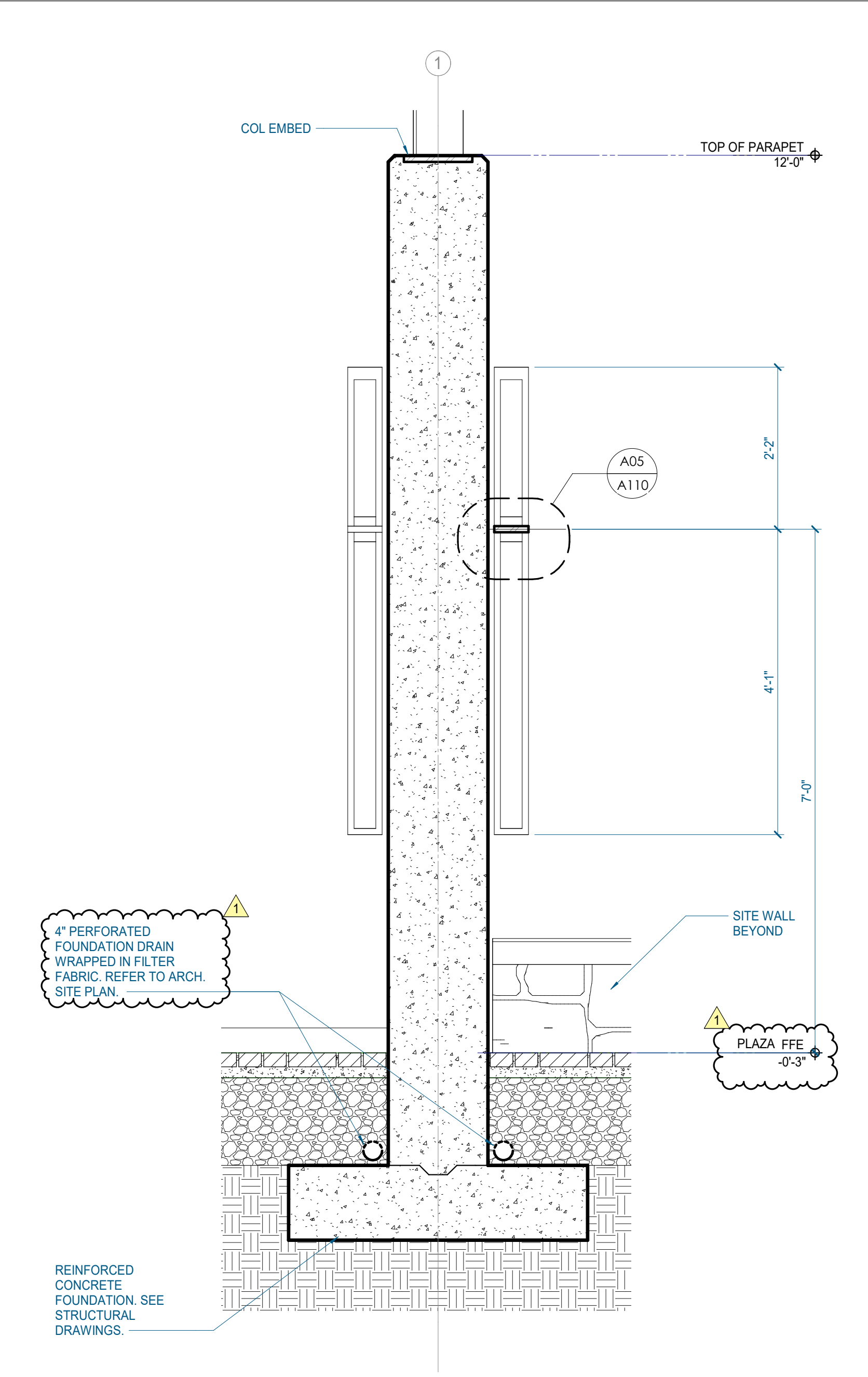
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PM	
PA	
Drawn By:	TYLER SANFORD
Checked By:	
Drawing Info:	

A110

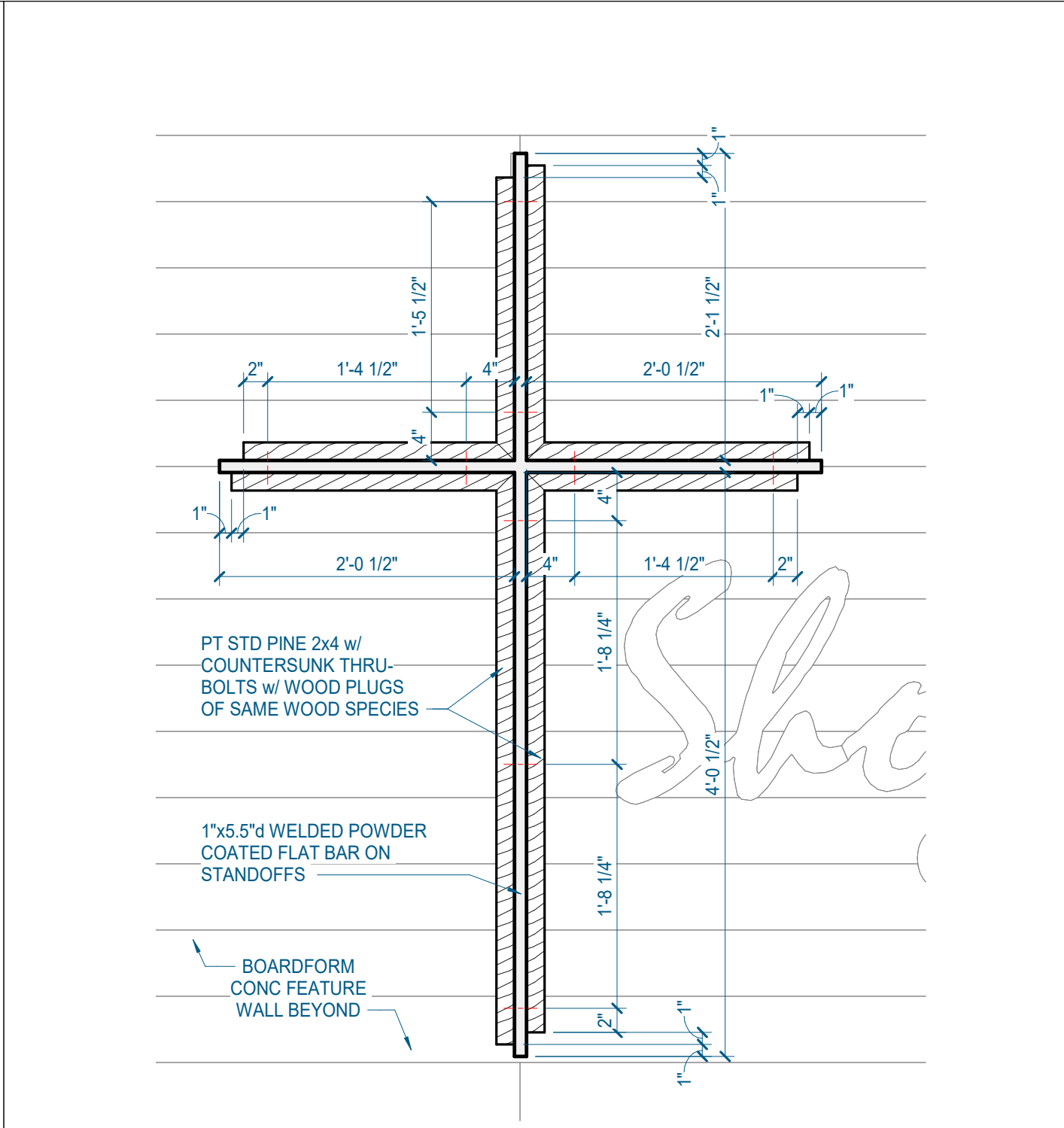
**FEATURE WALL PLAN /
ELEV / DTLS**



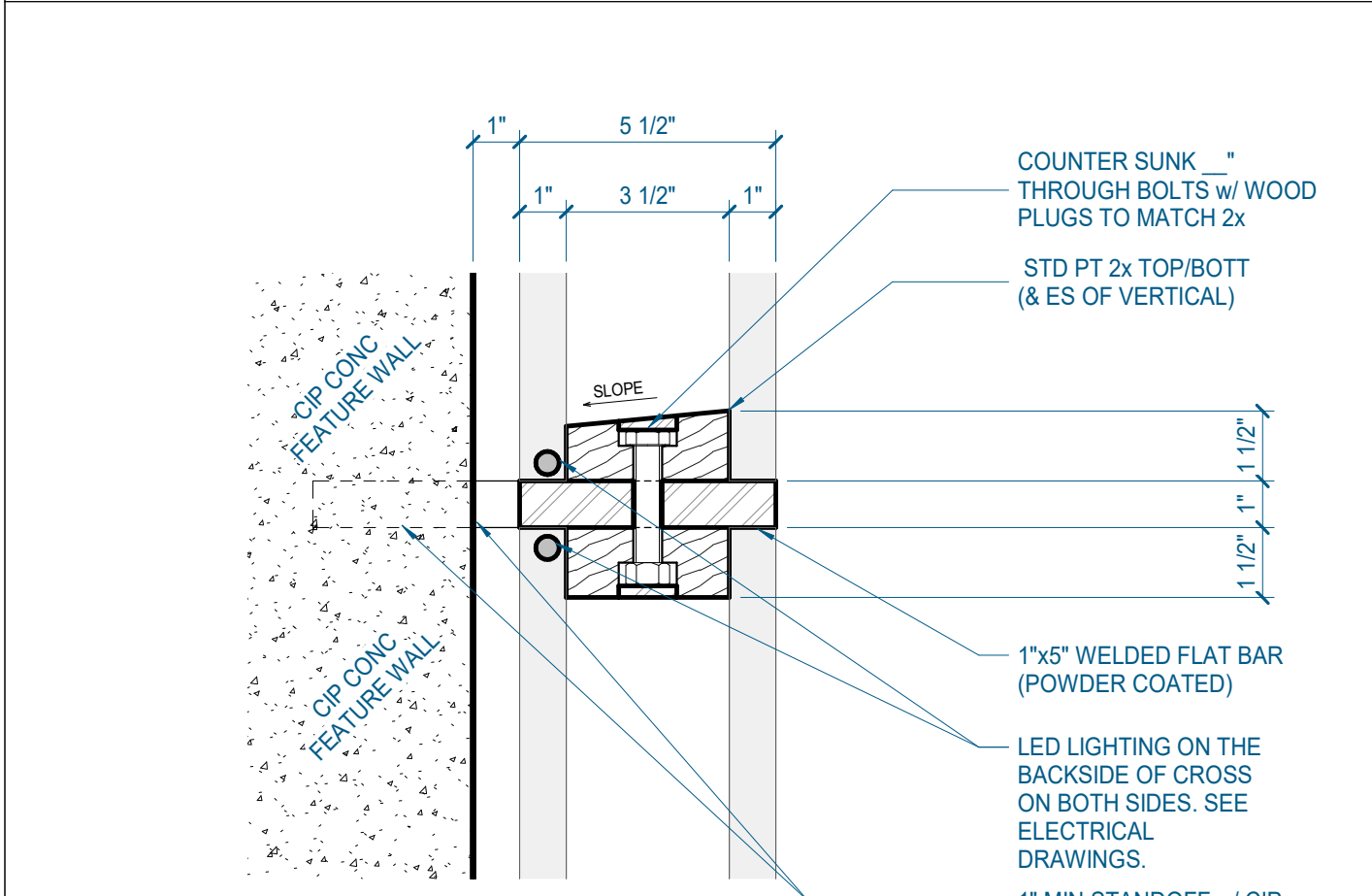
3 FEATURE WALL ENLARGED PLAN
1/2" = 1'-0" | A110



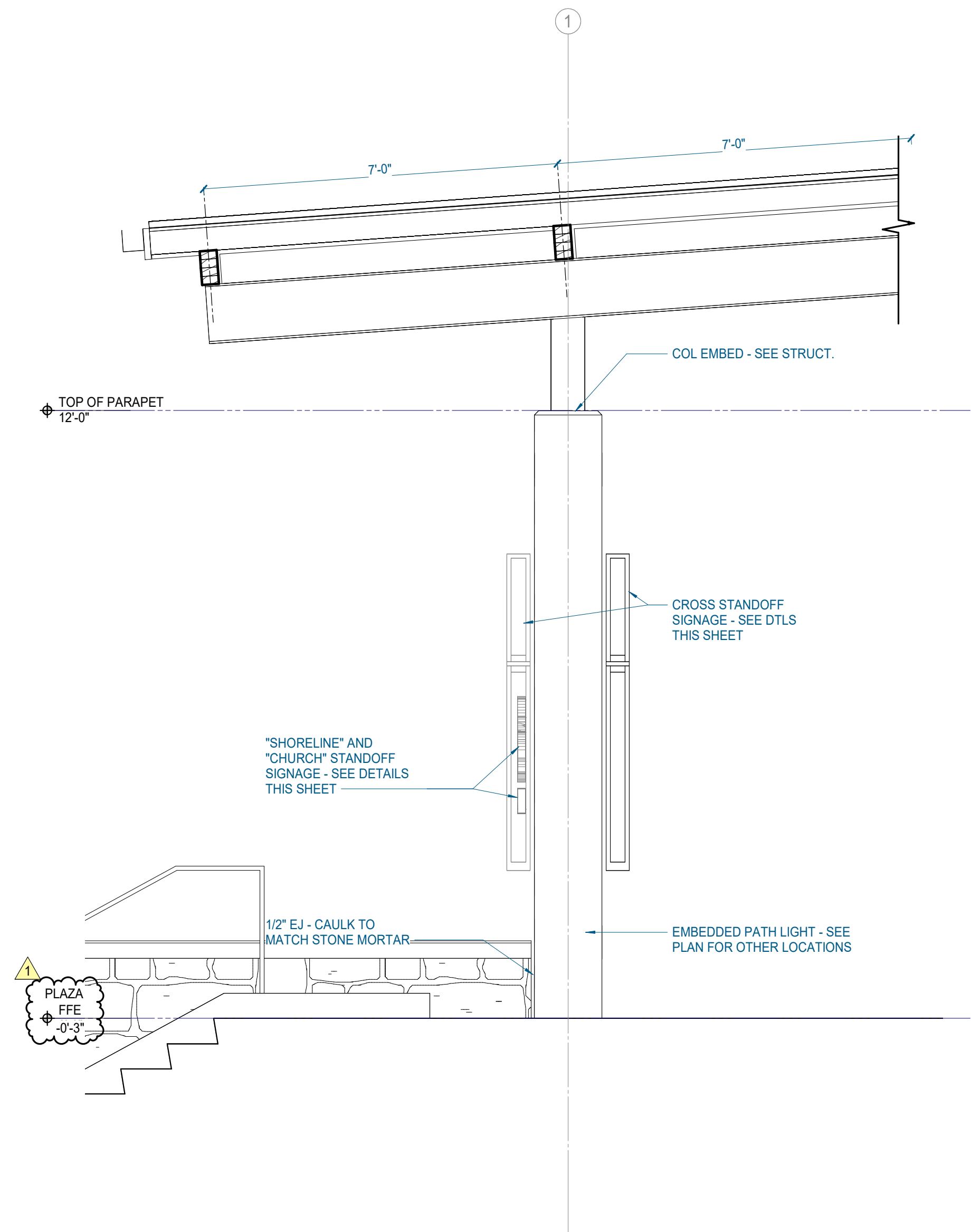
A11 FEATURE WALL 1/2" SECTION
3/4" = 1'-0" | A110



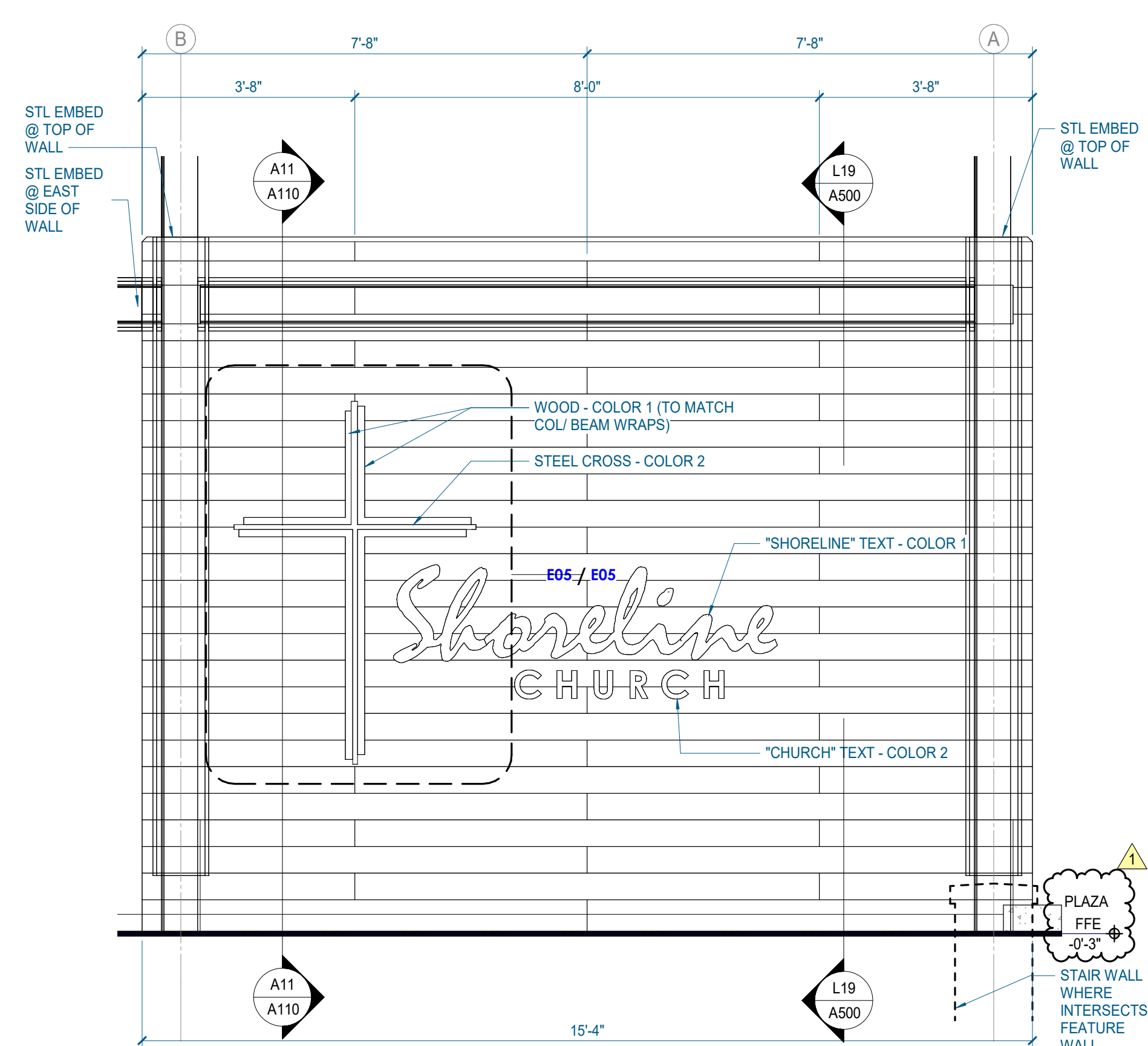
E05 CROSS ENLARGED ELEVATION COPY
1" = 1'-0" | A110



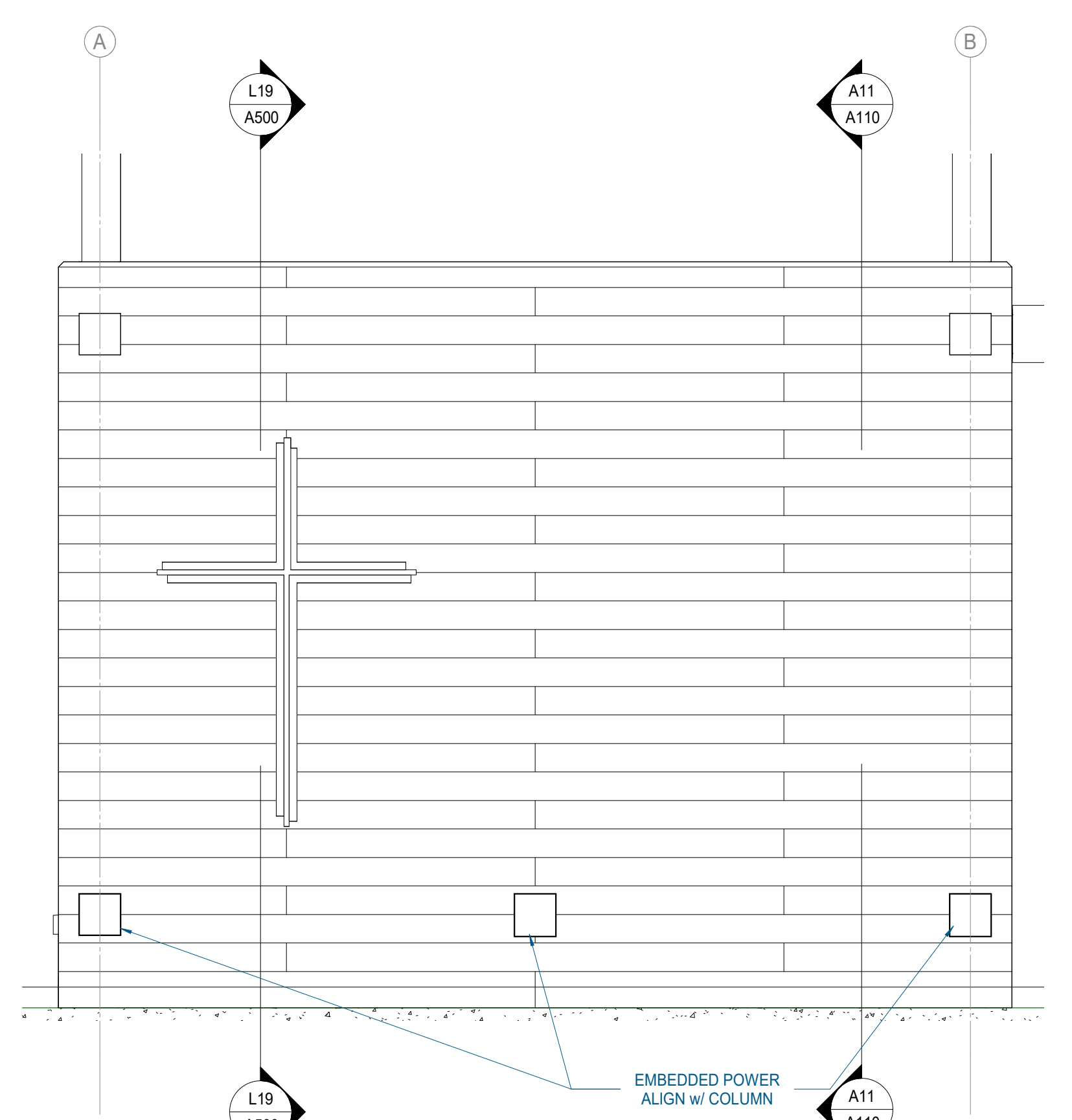
A05 FEATURE WALL 3" SECTION
3" = 1'-0" | A110



H18 FEATURE WALL - WEST ELEVATION
1/2" = 1'-0" | A110



A18 FEATURE WALL ENLARGED ELEVATION
1/2" = 1'-0" | A110



A24 FEATURE WALL - SOUTH ELEVATION
1/2" = 1'-0" | A110

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#	ISSUE	DATE
1	PERMITTING	10/11/21

Issue Date: MAY 21, 2021

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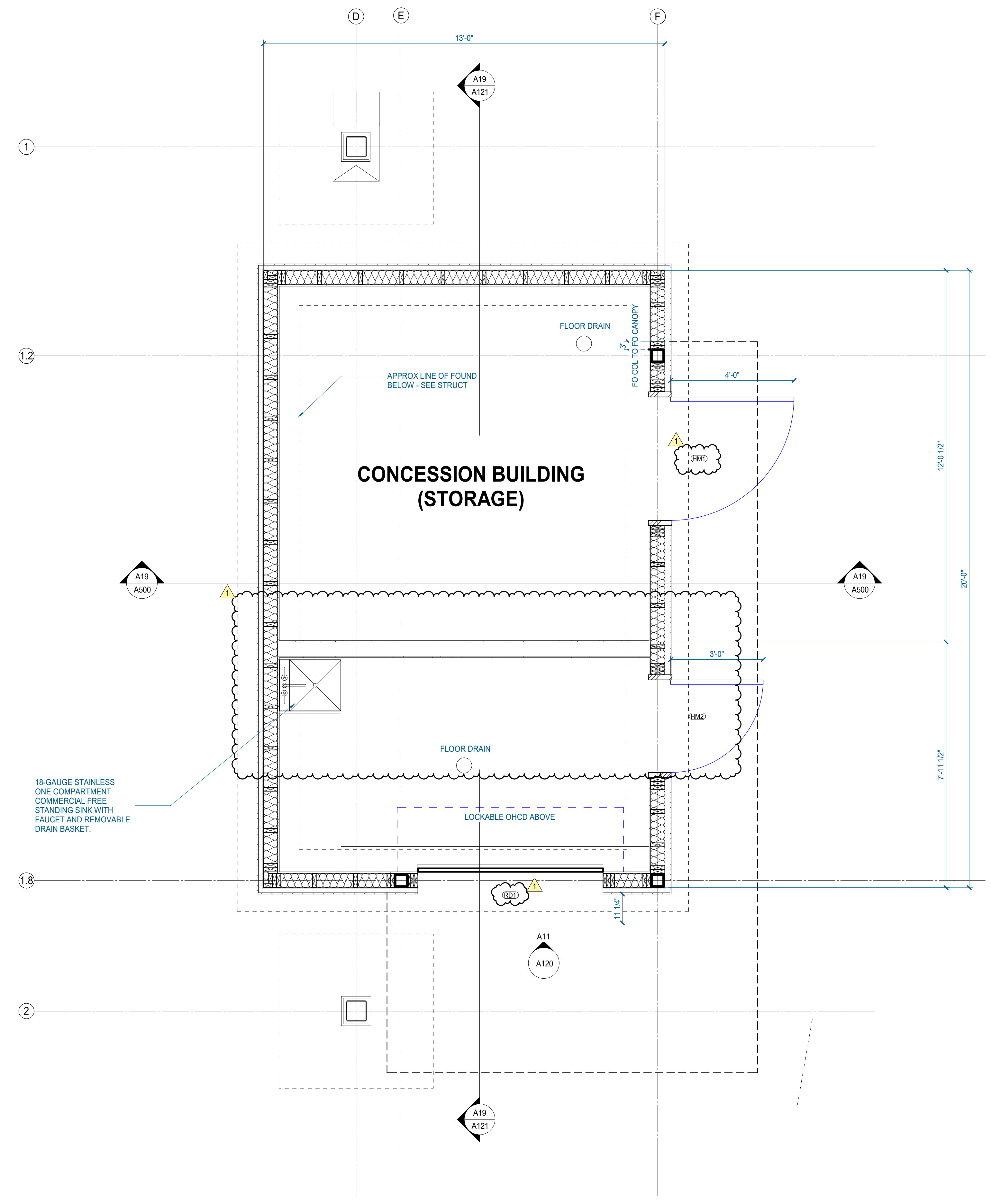
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Checked By: --

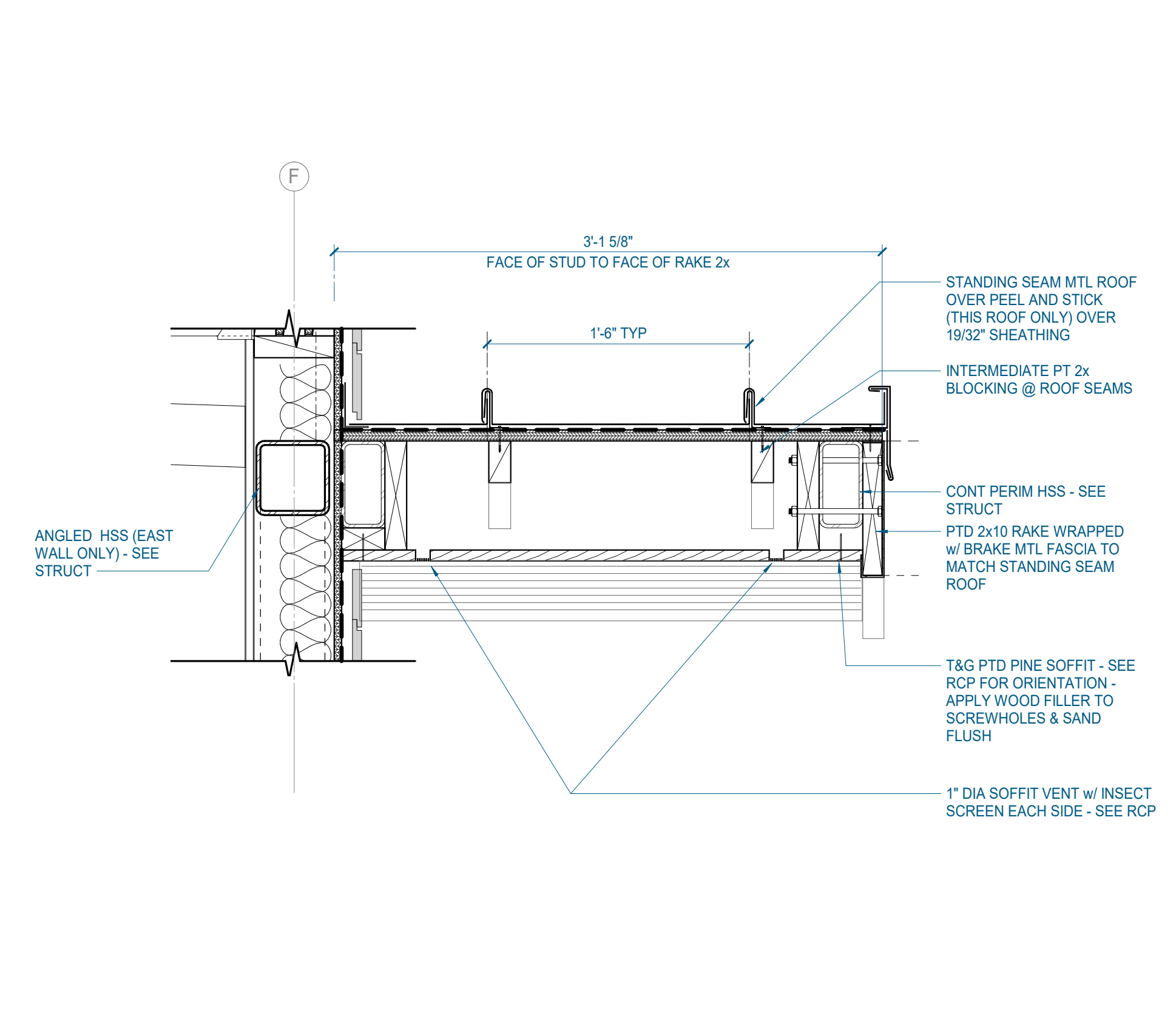
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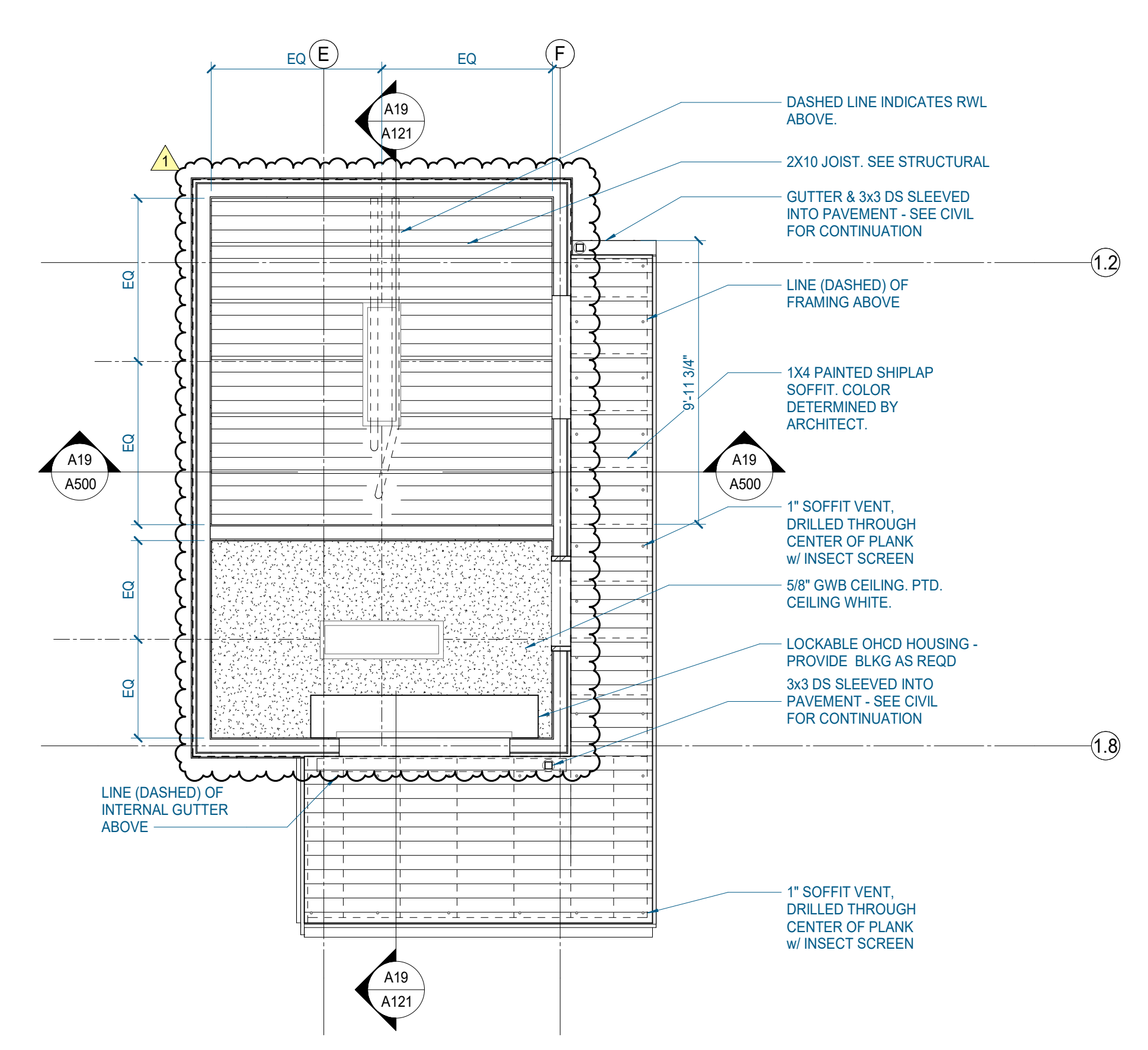
CONCESSION
ENLARGED PLAN &
DTLS



F11 CONCESSION BLDG ENLARGED PLAN
1/4" = 1'-0" | A120



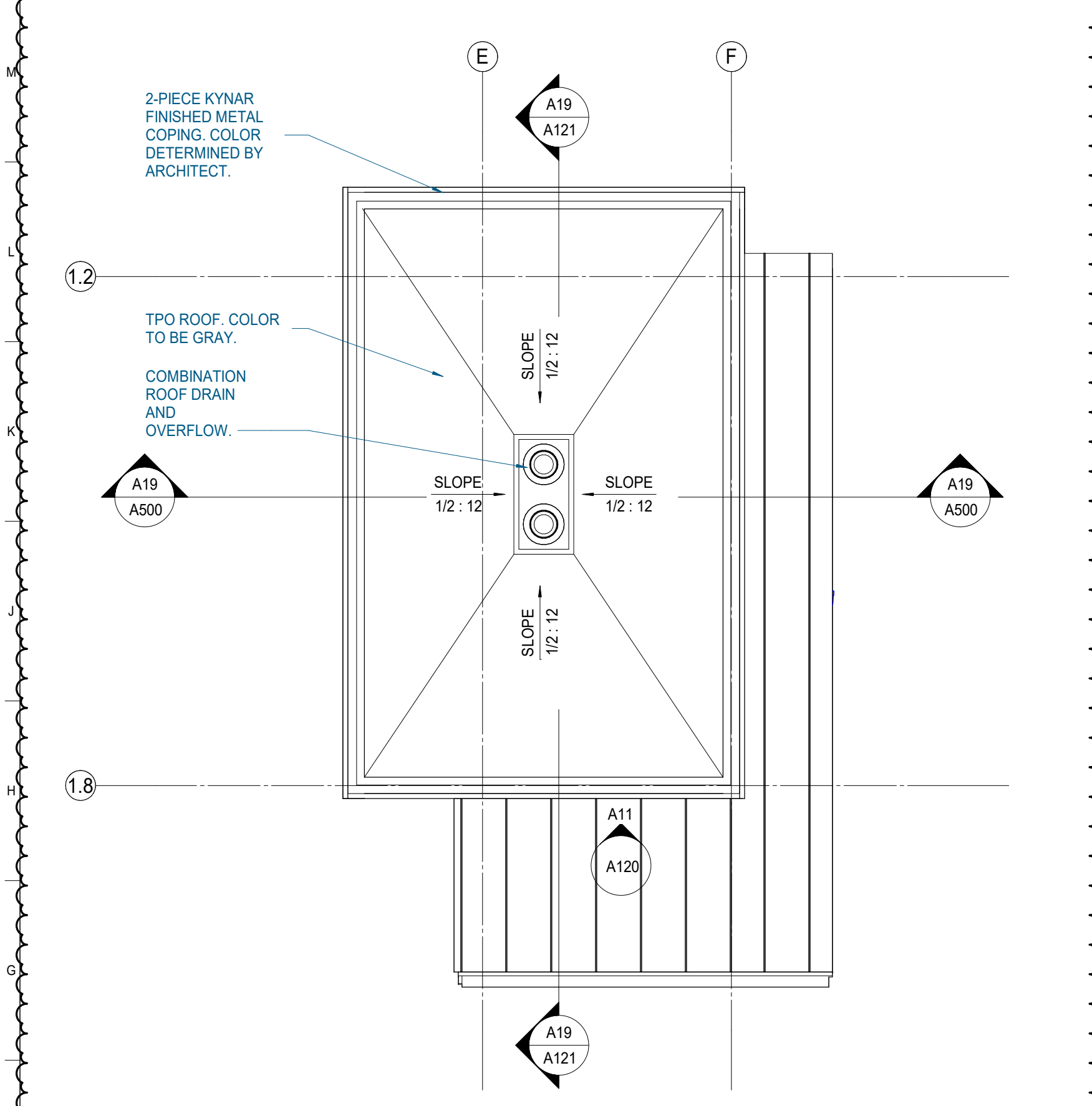
N18 CONCESSION CANOPY RAKE DETAIL
1 1/2" = 1'-0" | A120



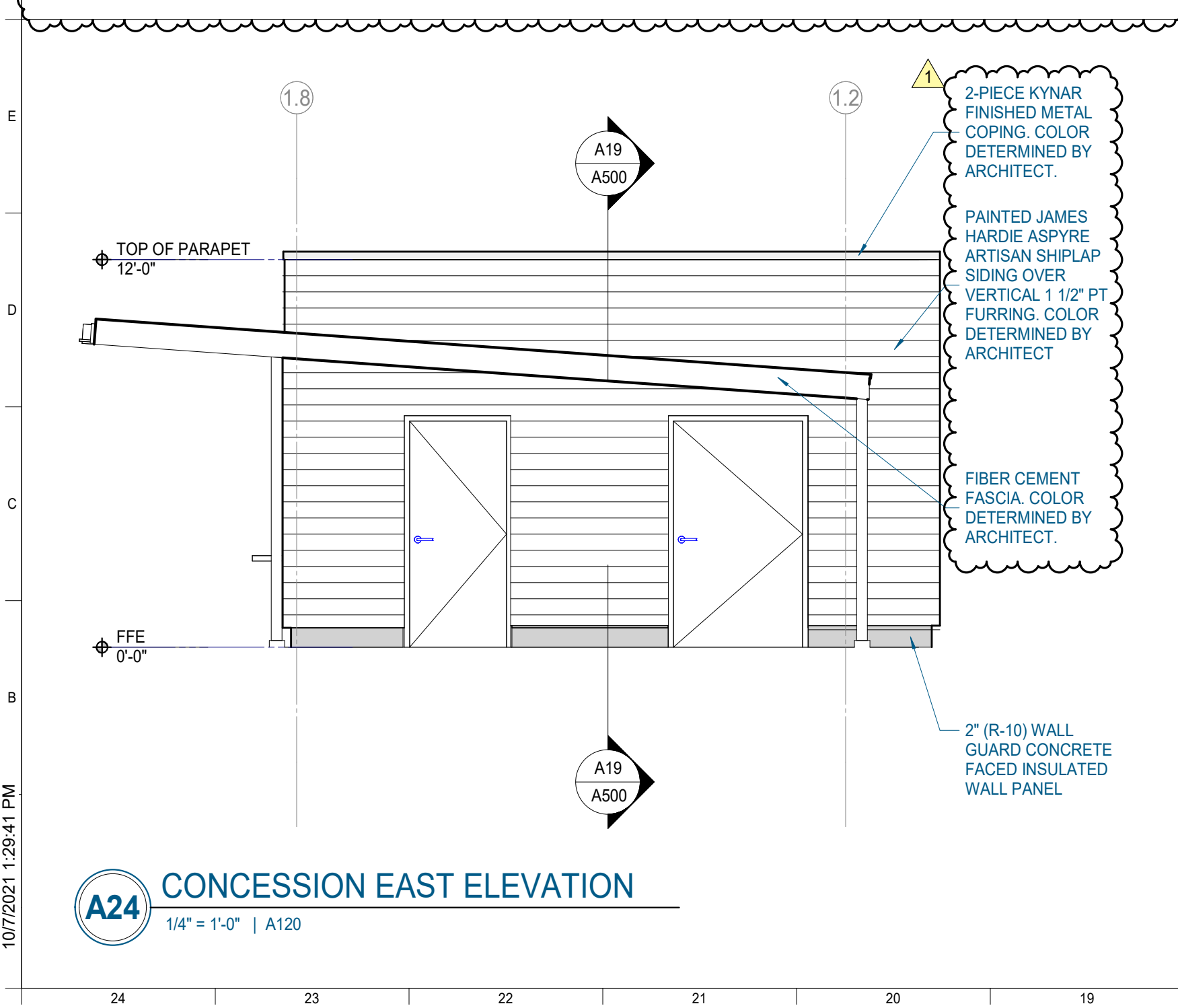
F18 CONCESSION RCP
1/4" = 1'-0" | A120



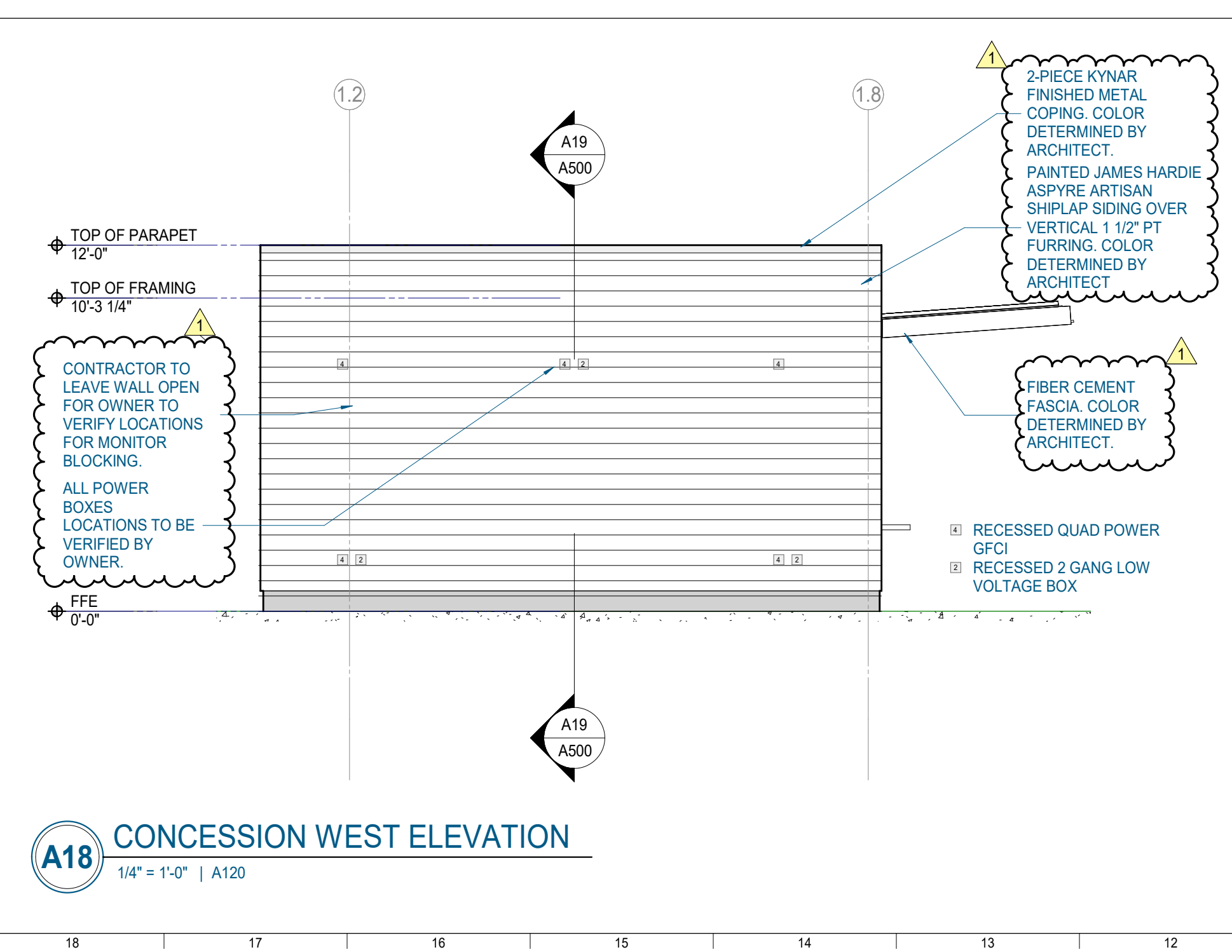
A24 CONCESSION EAST ELEVATION
1/4" = 1'-0" | A120



A18 CONCESSION WEST ELEVATION
1/4" = 1'-0" | A120



A11 CONCESSION SOUTH ELEVATION
1/4" = 1'-0" | A120



A06 CONCESSION NORTH ELEVATION
1/4" = 1'-0" | A120



#	ISSUE	DATE
1	PERMITTING	10/11/21

Issue Date: MAY 21, 2021

PIC

PM

PA

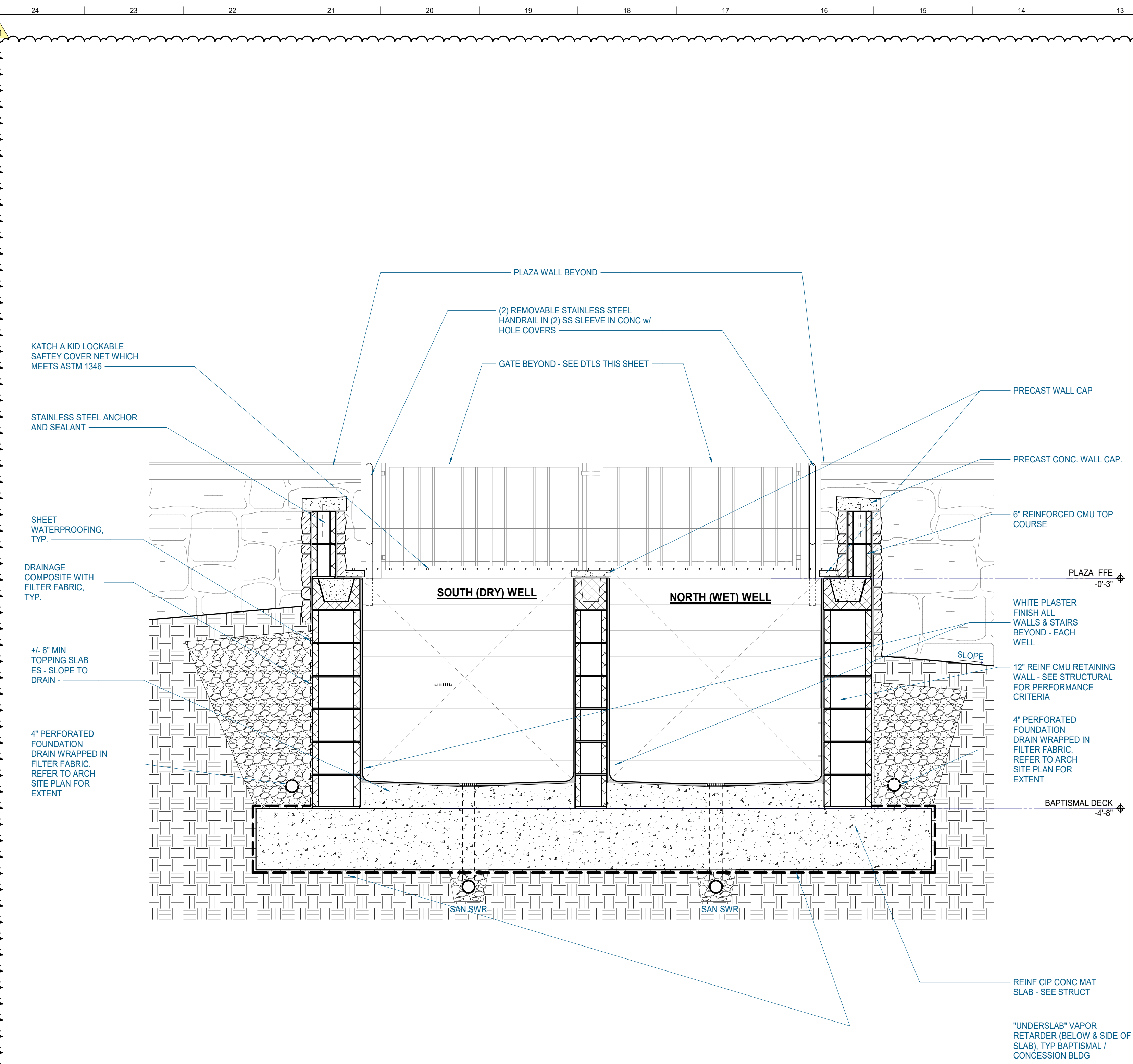
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Checked By:

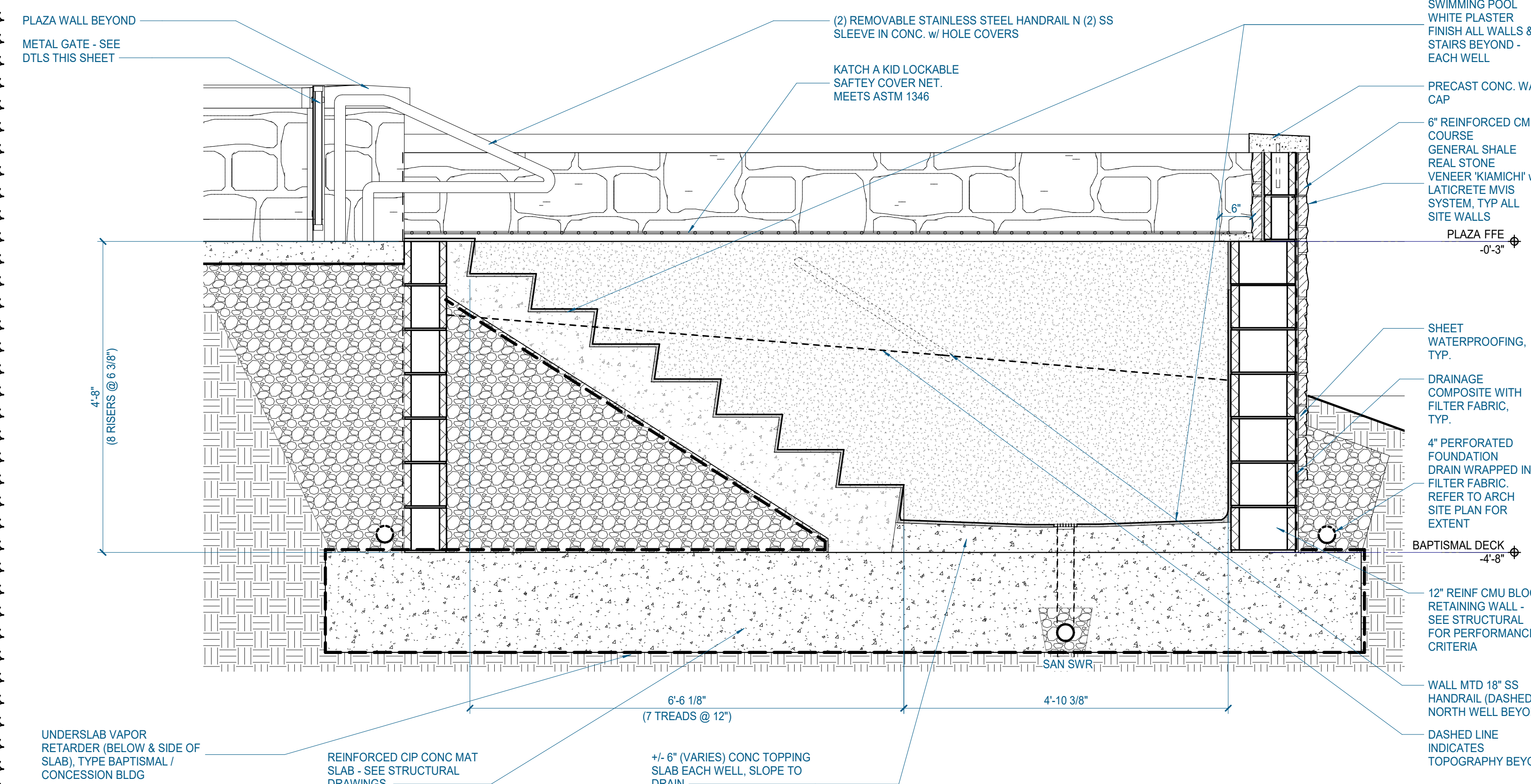
Drawing Info:

A140

BAPTISMAL PLAN /
ELEV / DTLS

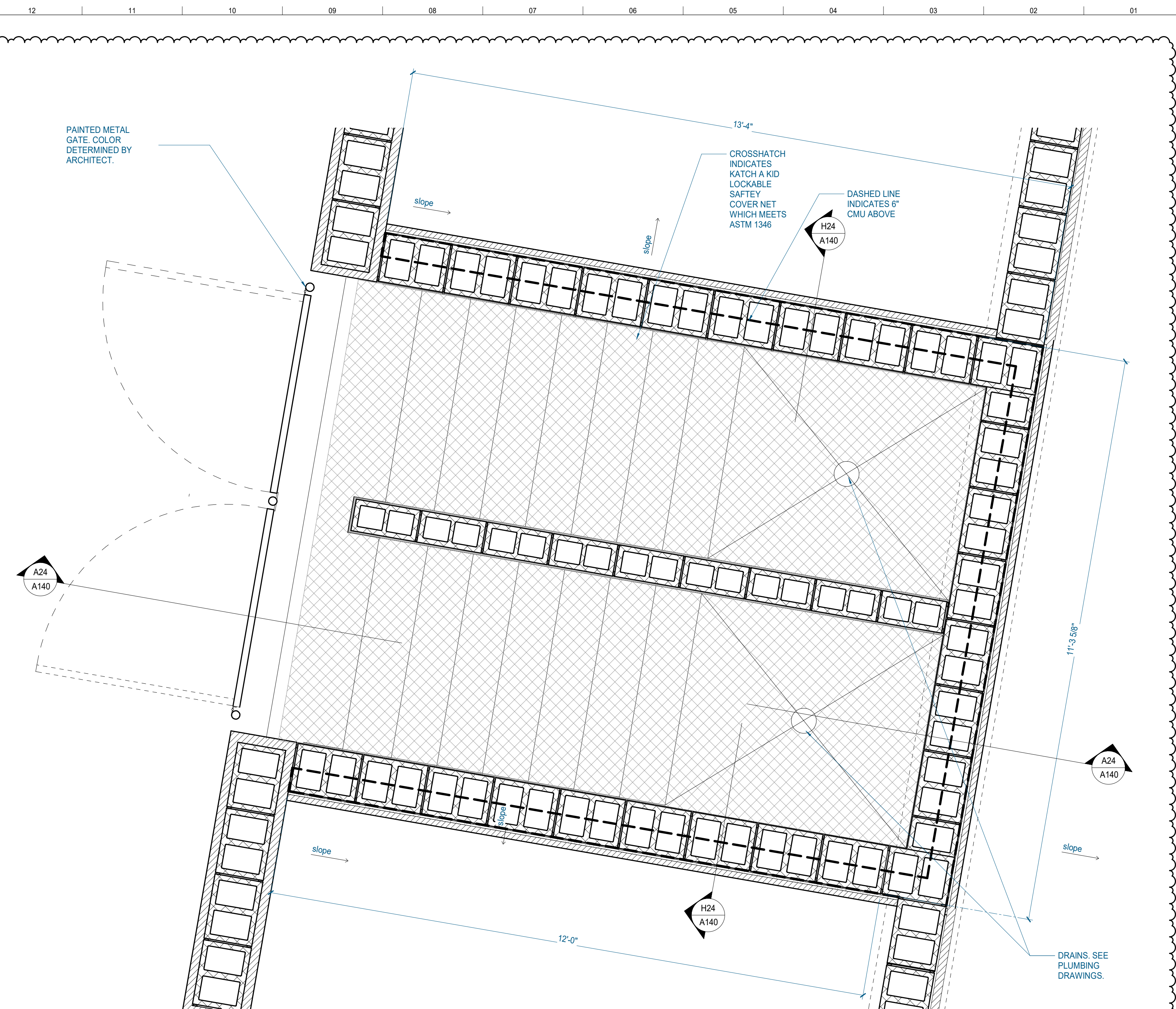


H24 BAPTISMAL TRANSVERSE SECTION - LOOKING WEST
3/4" = 1'-0" | A140

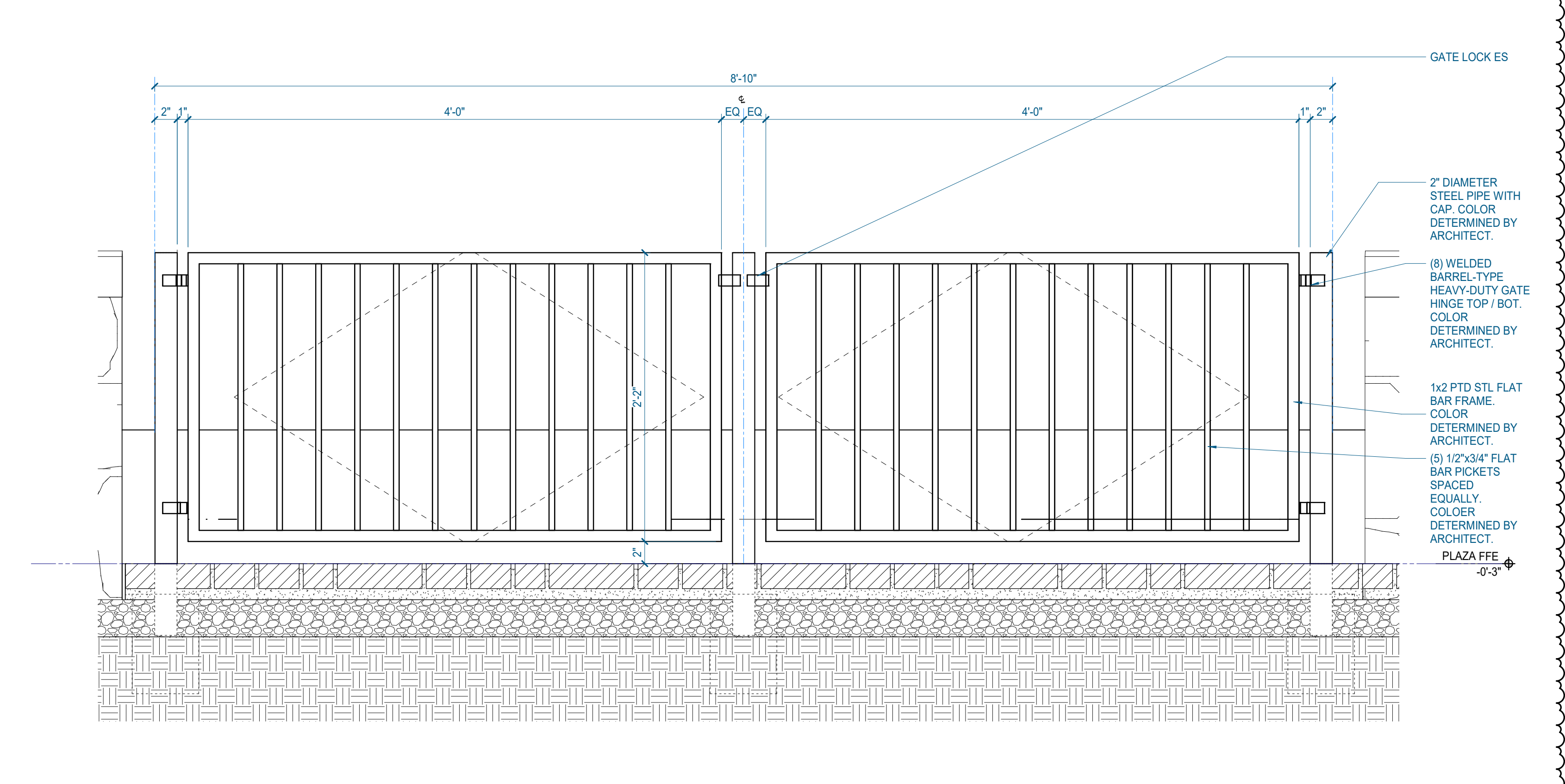


A24 BAPTISMAL LONGITUDINAL SECTION - LOOKING NORTH
3/4" = 1'-0" | A140

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H12 BAPTISMAL ENLARGED PLAN
3/4" = 1'-0" | A140



A12 BAPTISMAL GATE ELEVATION
1 1/2" = 1'-0" | A140