



AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)*
Wilma P. Mankiller Health Center
Expansion
Stilwell, OK

CONTRACT INFORMATION:
Contract For: CMAR

Date:

ASI INFORMATION:
ASI Number: Bid Package 01 - ASI 003

Date: 04-17-20

OWNER: *(name and address)*
Cherokee Nation Property Management,
LLC.

ARCHITECT: *(name and address)*
James R. Childers Architect, Inc.
45 South 4th Street
Fort Smith, AR 72901

CONTRACTOR: *(name and address)*
M. Ross, Inc.

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

See attached Narrative for Structural Revisions generated and address Owner's third party review comments.

ISSUED BY THE ARCHITECT:

James R. Childers Architect, Inc. _____

ARCHITECT *(Firm name)*

J. Breck Childers _____

SIGNATURE

J. Breck Childers, Managing Principal _____

PRINTED NAME AND TITLE

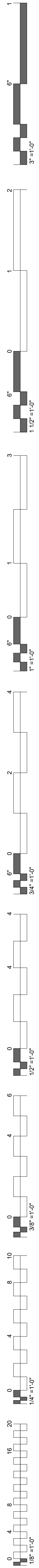
04-17-20 _____

DATE

Bid Package 01- ASI 03 – Wilma P. Mankiller Health Center Expansion

Chavez-Grieves would like to incorporate the following revisions into the drawings for the above referenced project.

<u>Sheet</u>	<u>Description</u>
S1.01	Keynotes 18, 19, and 20 added.
S1.01	Footing steps added along grids 11 and H to accommodate plumbing lines.
S1.02	Keynotes 18, 19, and 20 added.
S1.02	Footing steps added along grids H, G, and 1 to accommodate plumbing lines.
S1.02	Spread footings dropped along grid 1 to not induce surcharge load on adjacent site retaining wall.
S1.02	Footings supporting precast concrete columns near grid 1 deleted and now supported by site retaining wall pedestal.
S1.02	Site retaining wall outline added for clarity.
S3.11	Sections C3 and D2 updated.
S3.12	Sections A5 and B5 updated.
S3.12	Sections A2, B2, C2, D2, C3, and D3 added.
S4.01	Keynotes 18, 19, and 20 added
S4.01	Spread footings at grid intersections P1/PB and P1/PC updated to not conflict with site retaining wall .
S6.01	Spot footing and continuous footing schedules updated.



WILMA P. MANKILLER HEALTH CENTER EXPANSION

BID PACKAGE 01 (DEMOLITION / STEEL / FOUNDATIONS)

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CS101	DEMOLITION PLAN						
CS102	DEMOLITION PLAN						
CE100	EROSION CONTROL SITE PLAN						
CE500	EROSION CONTROL DETAILS						
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ELECTRICAL							
E0.01	ELECTRICAL DEMOLITION PLAN						
Grand total: 66							



1836 SOUTH BALTIMORE AVE.
TULSA, OK 74119
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MECHANICAL / ELECTRICAL / PLUMBING ENGINEER



3802 UNIVERSITY BOULEVARD
DURANT, OK 74701
(580) 931-9045

CIVIL ENGINEER



4700 LINCOLN ROAD NE, SUITE 102
ALBUQUERQUE, NM 87109
(505) 344-4080

STRUCTURAL ENGINEER



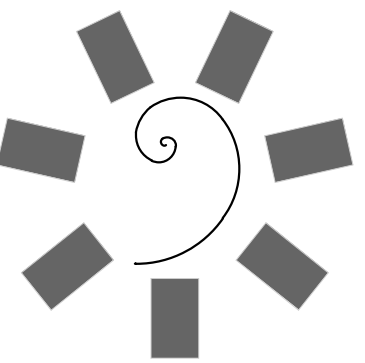
808 TRAVIS STREET, SUITE 200
HOUSTON, TX 77002
(281) 589-5900

FIRE PROTECTION / LIFE SAFETY

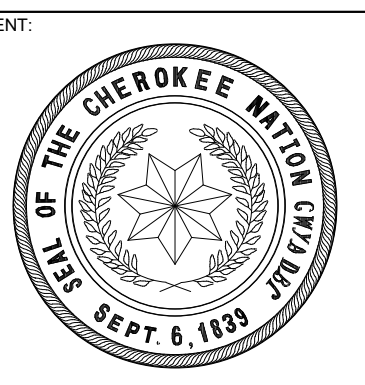
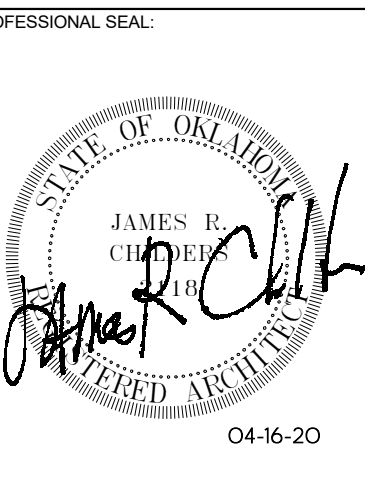


1316 E 35TH PLACE, SUITE 100
TULSA, OK 74105
(918) 382-9120

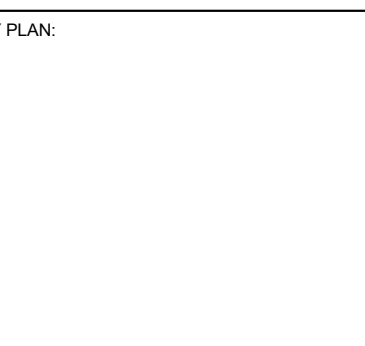
EQUIPMENT PLANNER



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WILMA P. MANKILLER HEALTH CENTER
EXPANSION
STILWELL, OKLAHOMA



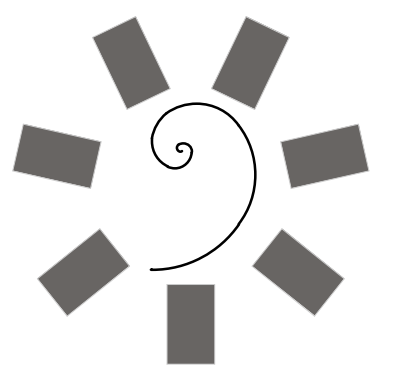
PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS
1	11/22/19	BID PACKAGE 01 - ADD 01
2	12/10/19	BID PACKAGE 01 - ADD 02
3	1/16/20	BID PACKAGE 01 - ASB 01
4	2/5/20	BID PACKAGE 01 - ASB 02
5	4/16/20	BID PACKAGE 01 - ASB 03

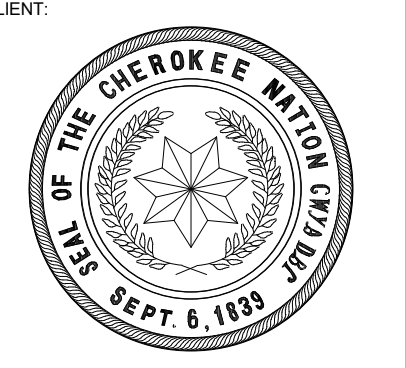
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SHEET NUMBER:
G0.01

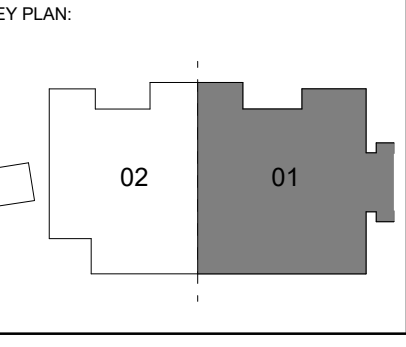
COVER / INDEX



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**WILMA P. MANKILLER HEALTH CENTER
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STILWELL, OKLAHOMA



PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS	DESCRIPTION
1	11/02/19	BID PACKAGE 01 - ADD 01	
2	04/16/20	BID PACKAGE 01 - ASB 03	

DATE: 11/01/19 JOB NUMBER: 18-01.01

SHEET NUMBER: S1.01

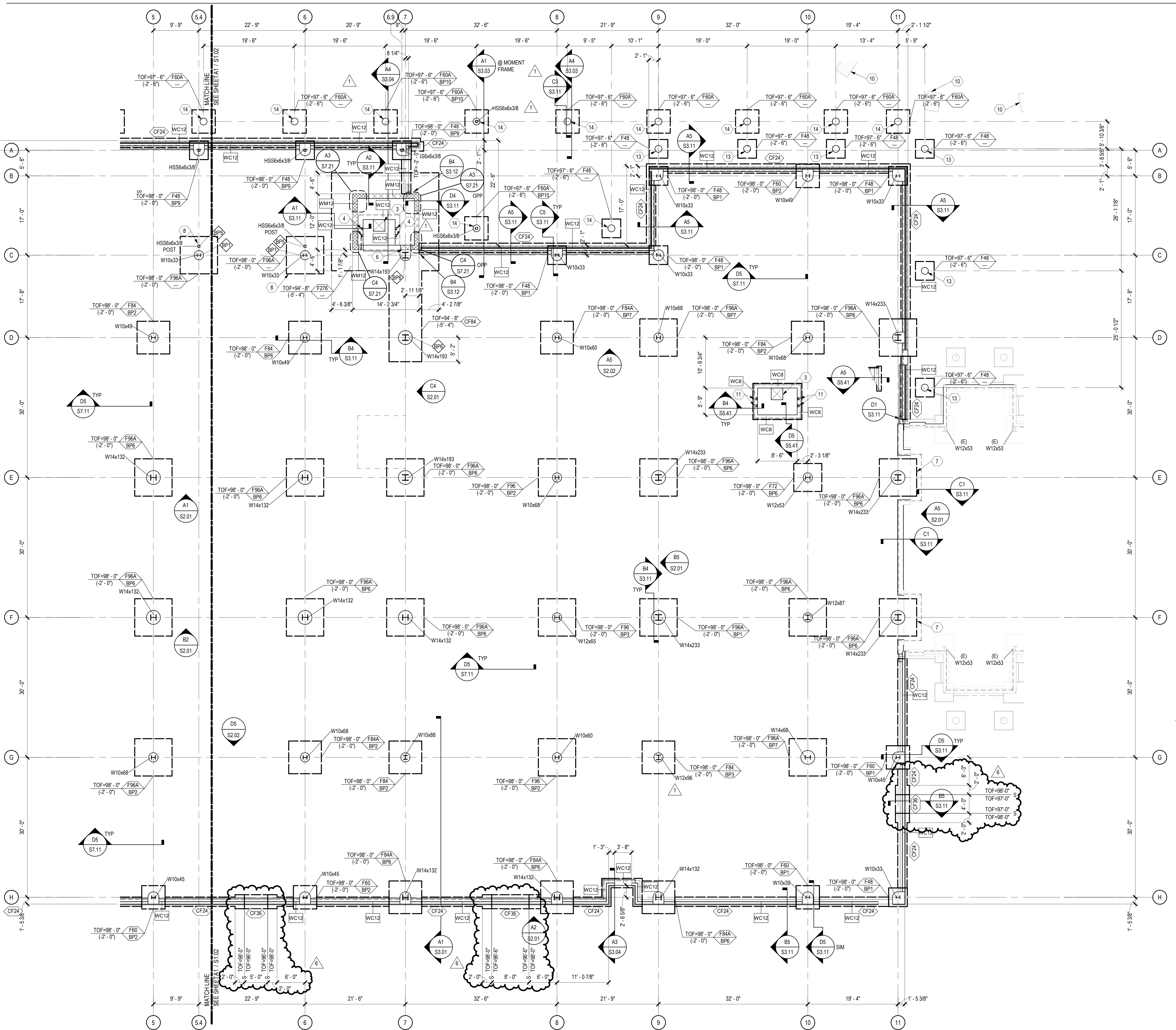
FOUNDATION PLAN
SECTOR 1

GENERAL SHEET NOTES

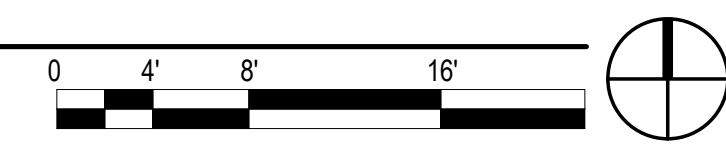
- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.
- REFERENCE FINISH FLOOR ELEVATION 100'-0" = MEAN SEA FINISH FLOOR ELEVATION. SEE CIVIL DRAWINGS.
- TOP OF FOOTING ELEVATION = 98'-0" (-2'-0"), UNLESS NOTED OTHERWISE ON PLAN.
- NOTE TO CONTRACTOR: ENLARGED SLAB BLOCKOUTS MAY BE REQUIRED AT FRAME COLUMNS FOR MOMENT FRAME BASE PLATE CLEARANCE.
- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES.
- DIMENSIONS ARE TO THE FACE OF STUD UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- EXISTING CONSTRUCTION IS PER AVAILABLE EXISTING DRAWINGS. ALL EXISTING CONSTRUCTION AND DIMENSIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. SHOULD CONDITIONS VARY FROM THOSE SHOWN, CONTACT ENGINEER BEFORE PROCEEDING.
- PROVIDE SLAB JOINTS AT 10'-0" ON CENTER MAXIMUM. THE AREA OF THE CONTROL JOINT SHALL NOT EXCEED A 2:1 RATIO. CONTROL JOINTS SHALL BE LOCATED AT COLUMN LINES WHERE THE LAYOUT PERMITS. AT RE-ENTRANT CORNERS THAT DO NOT HAVE CONTROL JOINTS, PROVIDE 2#4 x 3'-0" DIAGONAL TO THE RE-ENTRANT CORNER.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 6" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE SHEET S7.00 SERIES SHEETS FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.

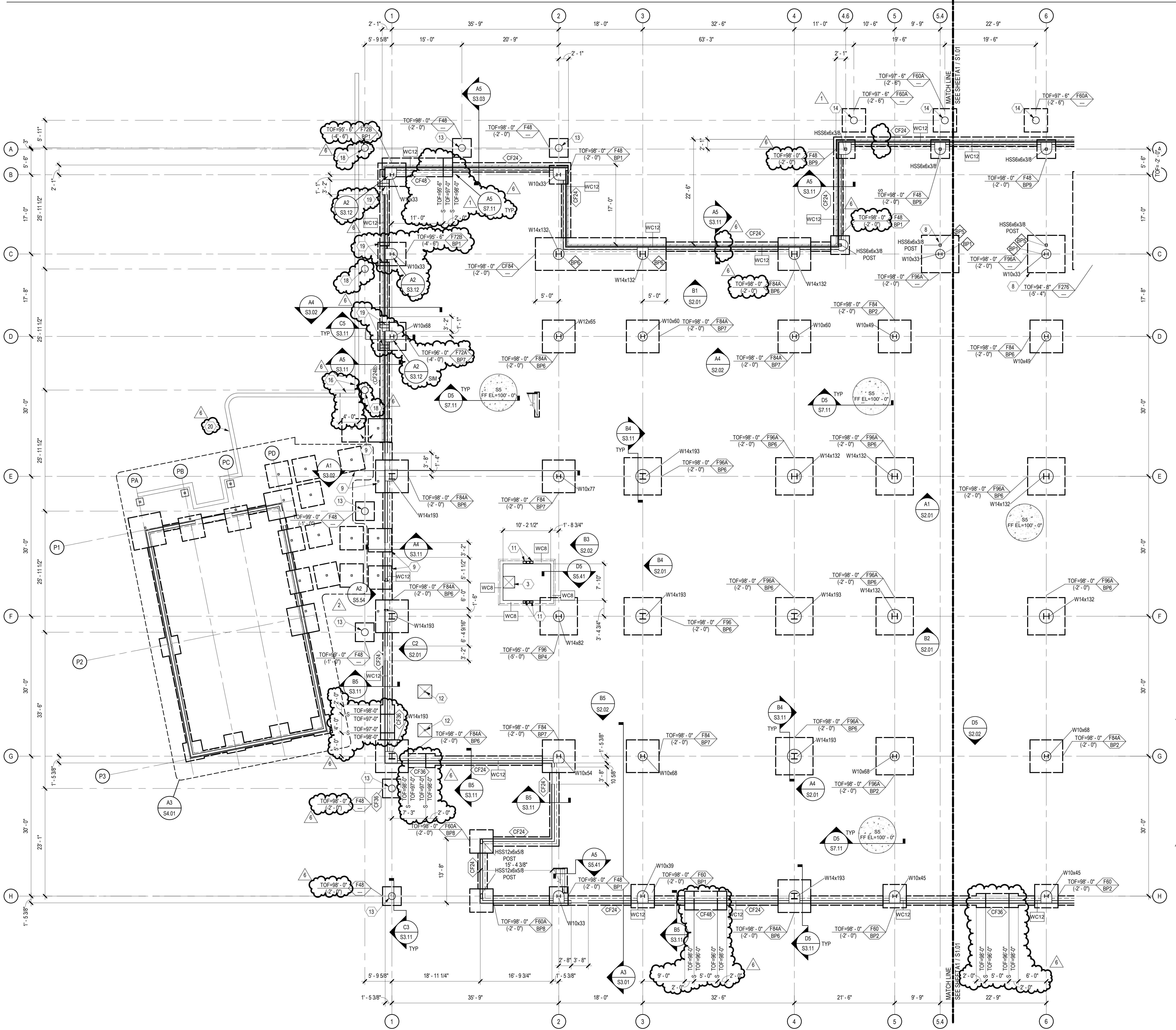
SHEET KEYNOTE

- FLOOR DRAIN: SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- POST AND FOUNDATION AS REQUIRED FOR STAIR SUPPORT. STAIR ENGINEER TO PROVIDE REQUIRED LOADS AND LOCATIONS.
- ELEVATOR SUMP PIT. COORDINATE EXACT SIZE AND LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.41
- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41
- PRE-ENGINEERED METAL BUILDING STEEL AND ANCHORAGE BY OTHERS. CONTRACTOR TO CONFIRM LOCATIONS OF FOUNDATIONS WITH FINAL PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS.
- NOTCH MASONRY AS REQUIRED TO FACILITATE BASEPLATE INSTALLATION. STEP BOND BEAM AT THIS LOCATION. FILL VOID FROM NOTCH WITH NON-SHRINK GROUT.
- CUT AND REMOVE EXISTING SLAB AS REQUIRED TO PLACE NEW FOOTING. NEW SLAB TO POUR UP TO REMAINING SLAB.
- CENTER FOOTING ON GRID P.
- F60A PRE-MANUFACTURED SUNSHADE CONCRETE FOOTING. TOP OF FOOTING = 99'-0" (+1'-0"). SEE SHEET S6.01 FOR FOOTING SCHEDULE. COORDINATE FINAL LOCATION WITH SUNSHADE MANUFACTURER.
- EXISTING CANOPY. SEE ARCHITECTURAL DEMOLITION PLANS FOR EXTENT OF DEMOLITION.
- HSS6x1/2 ELEVATOR SUPPORT POST. COORDINATE EXACT LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41, D3 / S5.41, A2 / S5.41, B2 / S5.41, AND C2 / S5.41
- 1 1/2" RECESSED SLAB AT ADA SHOWER. COORDINATE EXACT SIZE, LOCATION, AND SLOPE REQUIREMENTS WITH ARCHITECTURAL DRAWINGS. SEE C4 / S7.11
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE C3 / S3.11 AND B1 / S3.31
- 18" DIAMETER PRECAST CONCRETE CANOPY COLUMN BY OTHERS. SEE C3 / S3.11, C4 / S3.12, A1 / S3.31, AND A5 / S3.31
- F60A PRE-MANUFACTURED SUNSHADE CONCRETE FOOTING WITH 18" SQUARE CONCRETE PEDESTAL. TOP OF FOOTING ELEVATION TO MATCH TOP OF FOOTING ELEVATION OF SITE RETAINING WALL. SEE SHEET S6.01 FOR FOOTING SCHEDULE. SEE B3 / S3.12 FOR PEDESTAL DETAIL. ANCHORAGE AND SUPPLEMENTAL ANCHOR REINFORCEMENT FOR PRE-MANUFACTURED CANOPY TO BE PROVIDED BY MANUFACTURER.
- SITE RETAINING WALL. SEE D2 / S3.11
- DOCK LEVELER. SEE ARCHITECTURAL FOR EXACT LOCATION AND DIMENSIONS.
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE D2 / S3.12 AND B1 / S3.31.
- SEE C3 / S3.12 FOR SUPPORT OF CONTINUOUS FOOTING.
- SITE RETAINING WALL. SEE B2 / S3.12. SEE CIVIL DRAWING FOR EXTENT.



A1 FOUNDATION PLAN - SECTOR 1
SCALE: 1/8" = 1'-0"





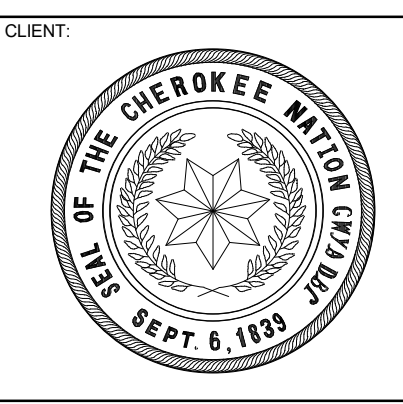
A1 FOUNDATION PLAN - SECTOR 2
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

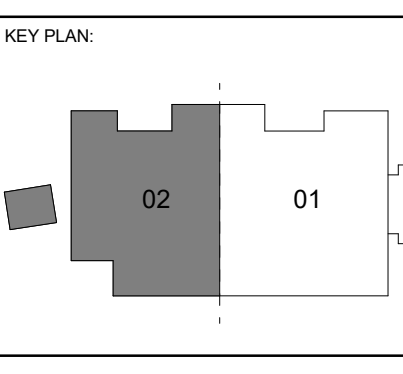
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- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 6" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE SHEET S7.00 SERIES SHEETS FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.

SHEET KEYNOTE

- FLOOR DRAIN, SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- POST AND FOUNDATION AS REQUIRED FOR STAIR SUPPORT. STAIR ENGINEER TO PROVIDE REQUIRED LOADS AND LOCATIONS.
- ELEVATOR SUMP PIT. COORDINATE EXACT SIZE AND LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.41
- HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41
- PRE-ENGINEERED METAL BUILDING STEEL AND ANCHORAGE BY OTHERS. CONTRACTOR TO CONFIRM LOCATIONS OF FOUNDATIONS WITH FINAL PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS.
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- CENTER FOOTING ON GRID C.
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- EXISTING CANOPY. SEE ARCHITECTURAL DEMOLITION PLANS FOR EXTENT OF DEMOLITION.
- HSS6x6x1/2 ELEVATOR SUPPORT POST. COORDINATE EXACT LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41, D3 / S5.41, A2 / S5.41, B2 / S5.41, AND C2 / S5.41
- 1 1/2" RECESSED SLAB AT ADA SHOWER. COORDINATE EXACT SIZE, LOCATION, AND SLOPE REQUIREMENTS WITH ARCHITECTURAL DRAWINGS. SEE C4 / S7.11
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE C3 / S3.11 AND B1 / S3.31
- 18" DIAMETER PRECAST CONCRETE CANOPY COLUMN BY OTHERS. SEE C3 / S3.11, C4 / S3.12, A1 / S3.31, AND A5 / S3.31
- F60A PRE-MANUFACTURED SUNSHADE CONCRETE FOOTING WITH 18" SQUARE CONCRETE PEDESTAL. TOP OF FOOTING ELEVATION TO MATCH TOP OF FOOTING ELEVATION OF SITE RETAINING WALL. SEE SHEET S6.01 FOR FOOTING SCHEDULE. SEE B3 / S3.12 FOR PEDESTAL DETAIL. ANCHORAGE AND SUPPLEMENTAL ANCHOR REINFORCEMENT FOR PRE-MANUFACTURED CANOPY TO BE PROVIDED BY MANUFACTURER.
- SITE RETAINING WALL. SEE D2 / S3.11
- DOCK LEVELER. SEE ARCHITECTURAL FOR EXACT LOCATION AND DIMENSIONS.
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE D2 / S3.12 AND B1 / S3.31
- SEE C3 / S3.12 FOR SUPPORT OF CONTINUOUS FOOTING.
- SITE RETAINING WALL. SEE B2 / S3.12 SEE CIVIL DRAWINGS FOR EXTENT.



**WILMA P. MANKILLER HEALTH CENTER
EXPANSION**
STILWELL, OKLAHOMA



PROJECT PHASE:
BID PACKAGE 01

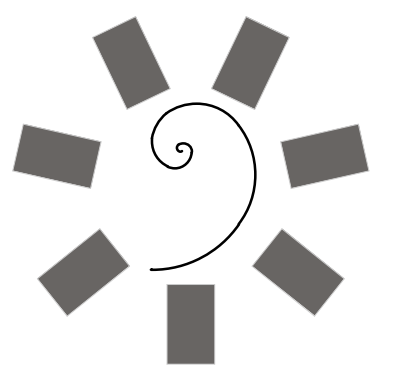
#	DATE	REVISIONS	DESCRIPTION
1	11/02/19	BID PACKAGE 01 - ADD 01	
2	12/19/19	BID PACKAGE 01 - ADD 02	
3	04/16/20	BID PACKAGE 01 - ADD 03	

DATE: 11/01/19 JOB NUMBER: 18-01.01

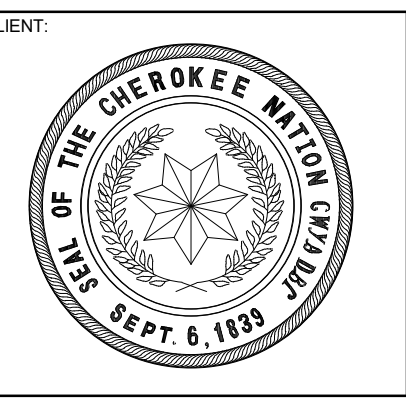
SHEET NUMBER: S1.02

FOUNDATION PLAN
SECTOR 2





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WILMA P. MANKILLER HEALTH CENTER
EXPANSION
STILWELL, OKLAHOMA

KEY PLAN

PROJECT PHASE:
BID PACKAGE 01

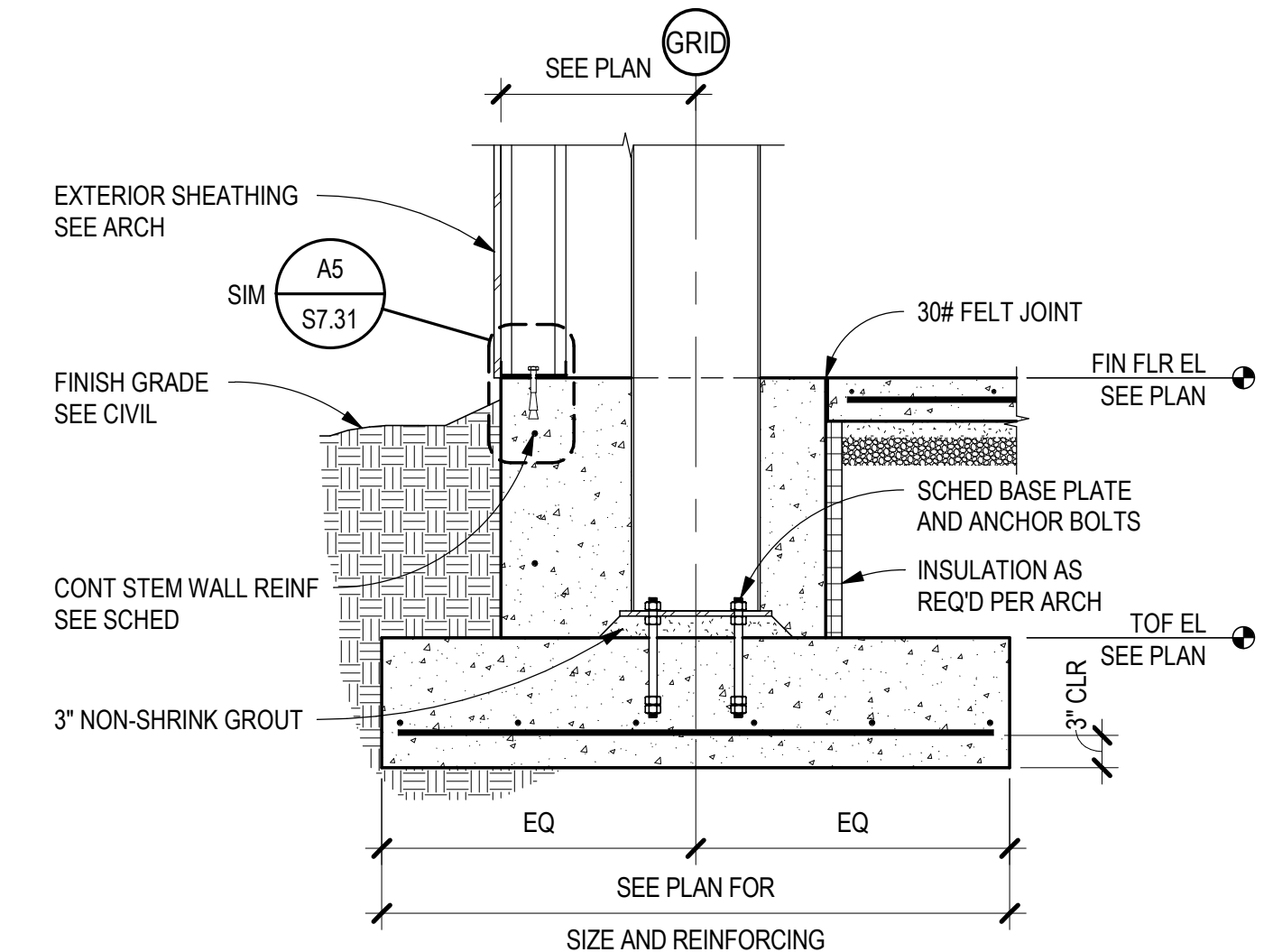
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2	12/16/19	BID PACKAGE 01 - ADD 02
3	04/16/20	BID PACKAGE 01 - ASB 03

DATE: 11/01/19
JOB NUMBER: 18-01.01

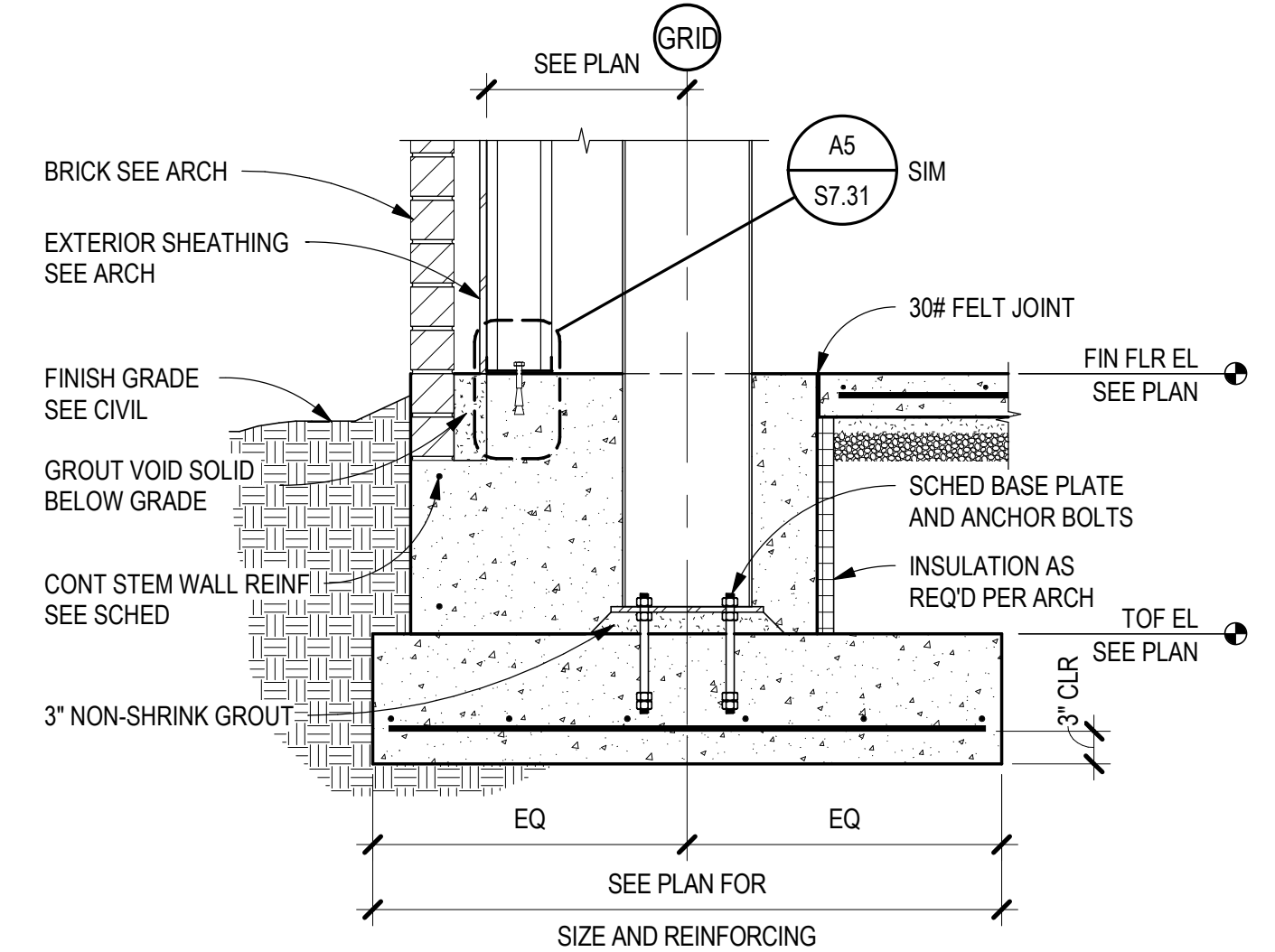
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S3.11

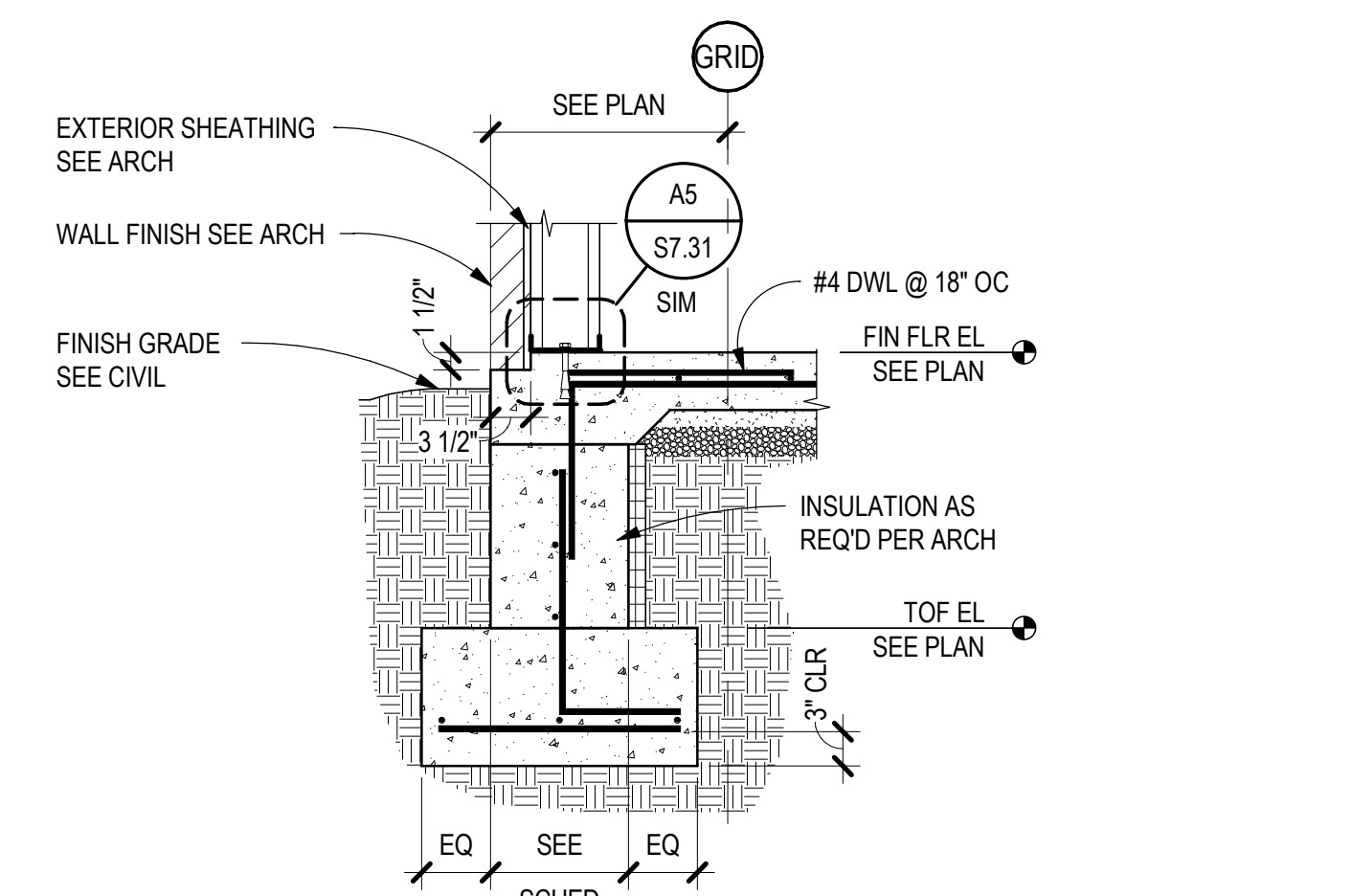
FOUNDATION SECTIONS



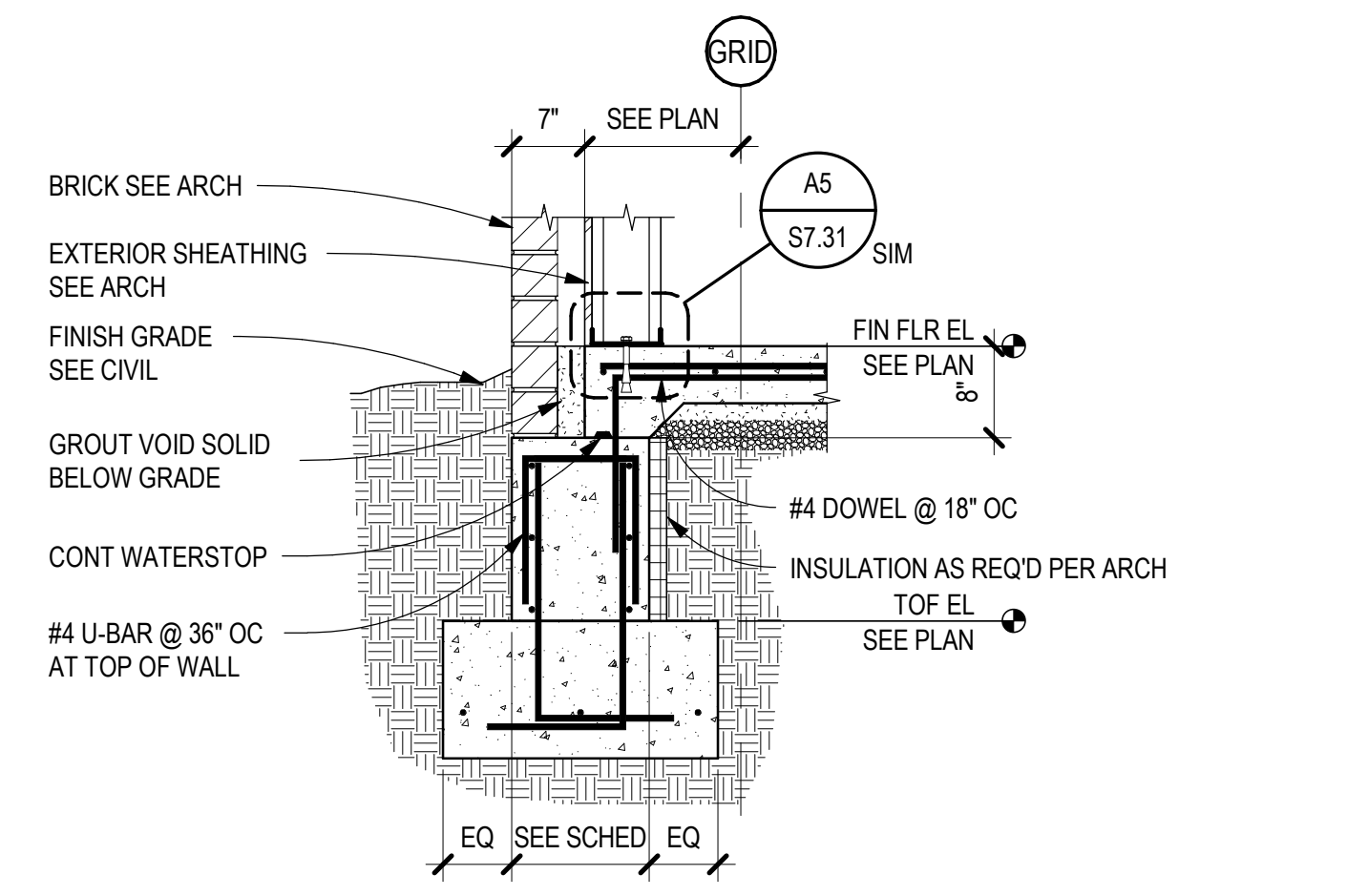
D5 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



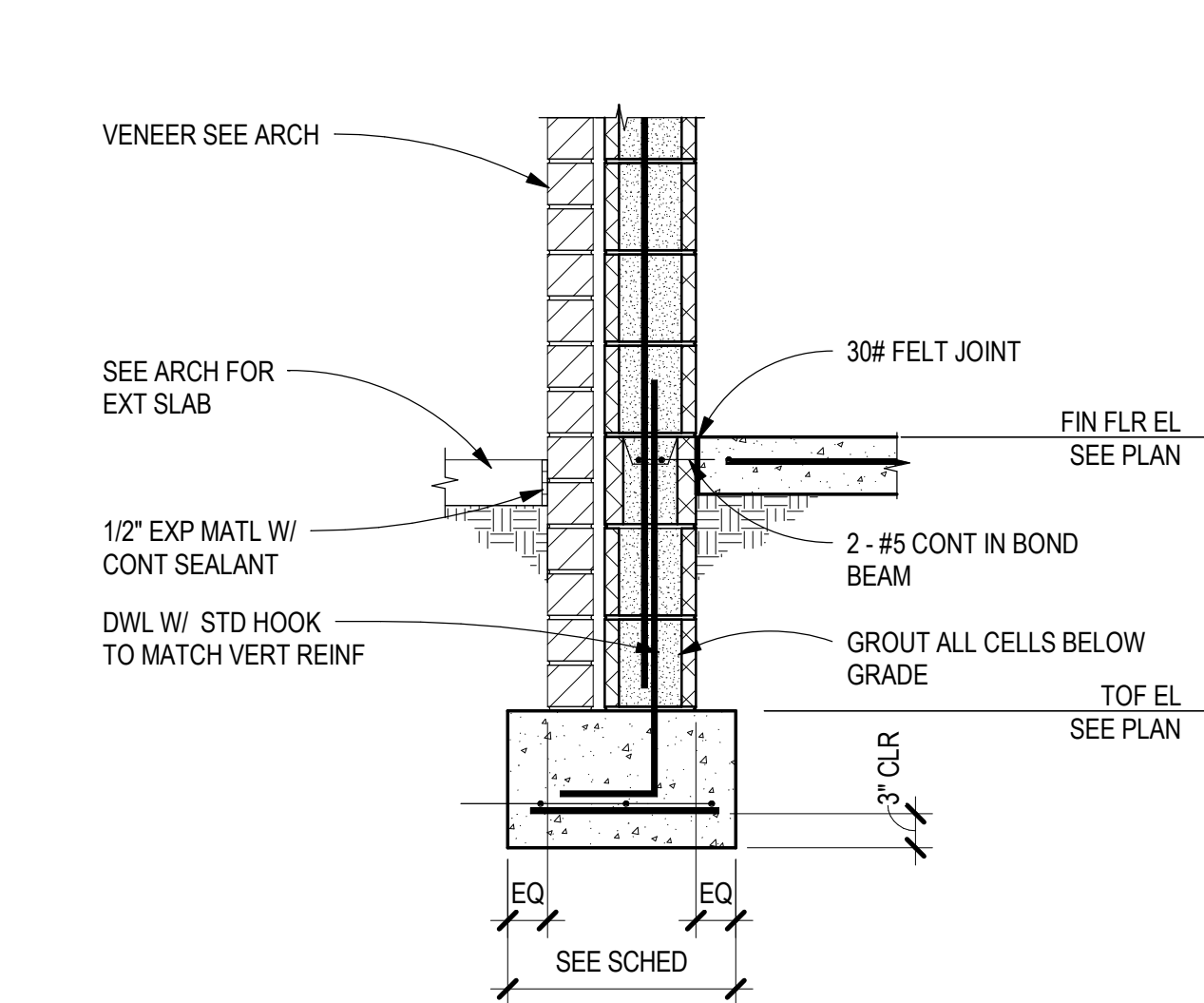
C5 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



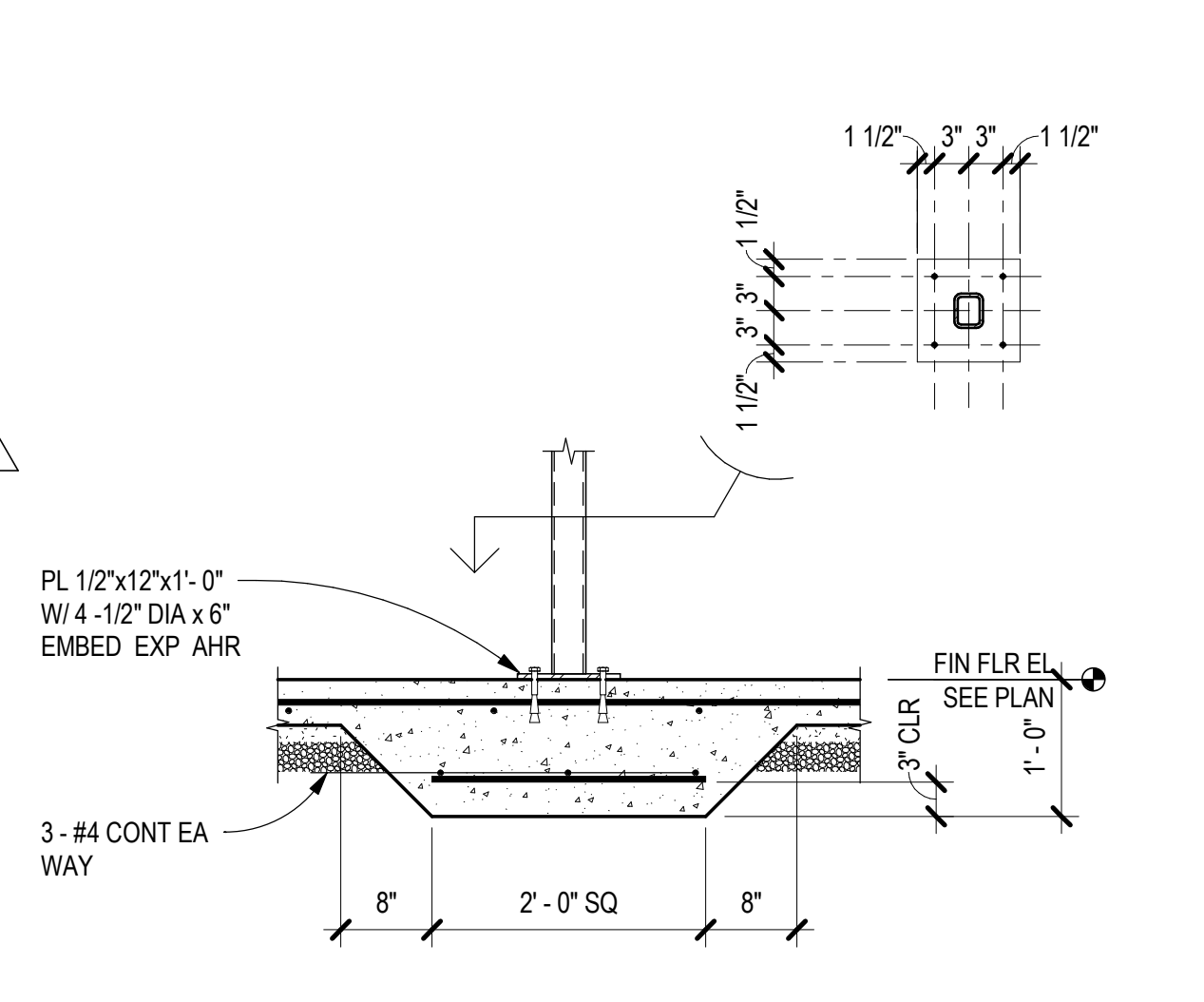
B5 FOUNDATION SECTION NO VENEER
SCALE: 3/4" = 1'-0"



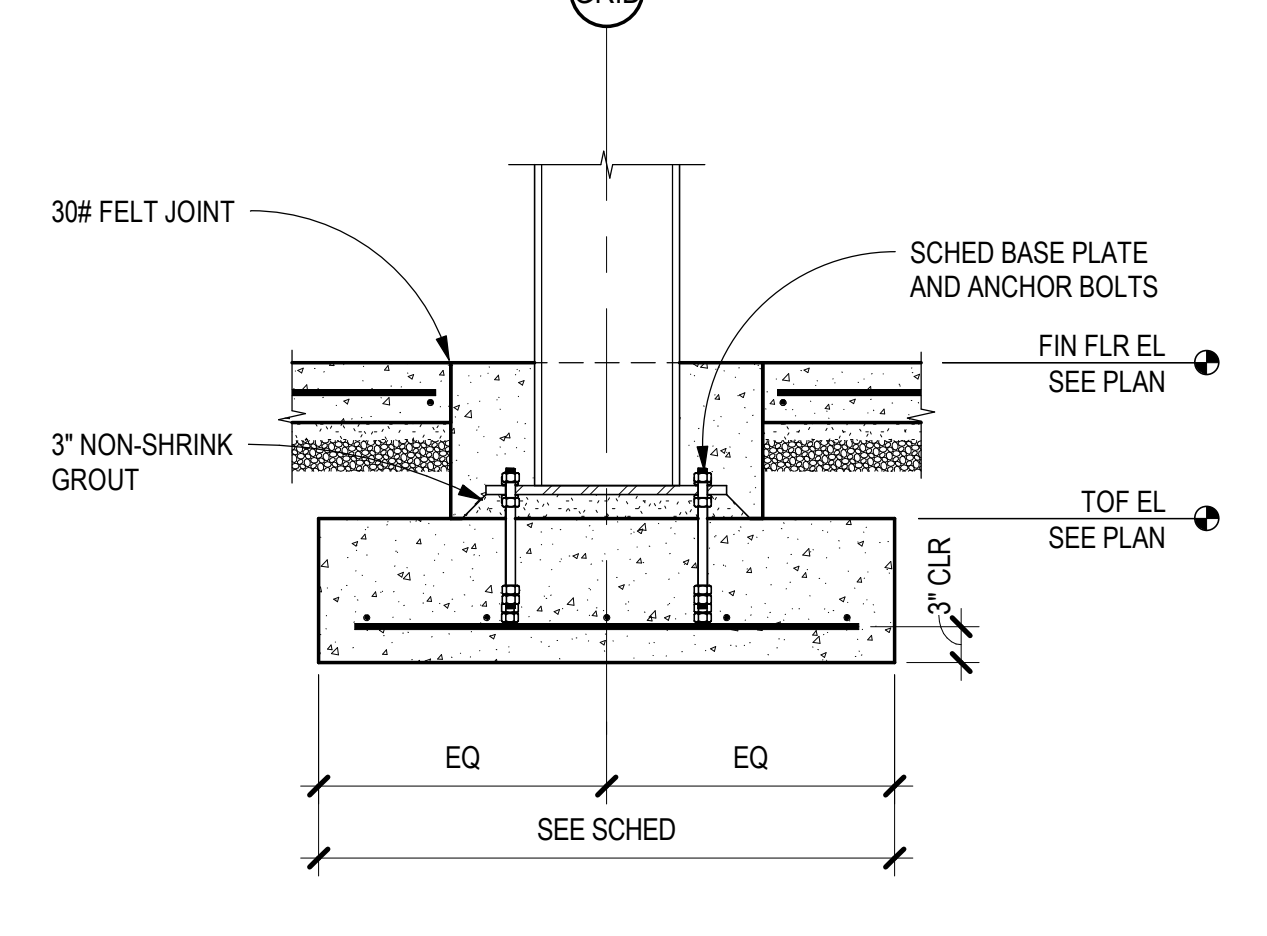
A5 TYPICAL FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



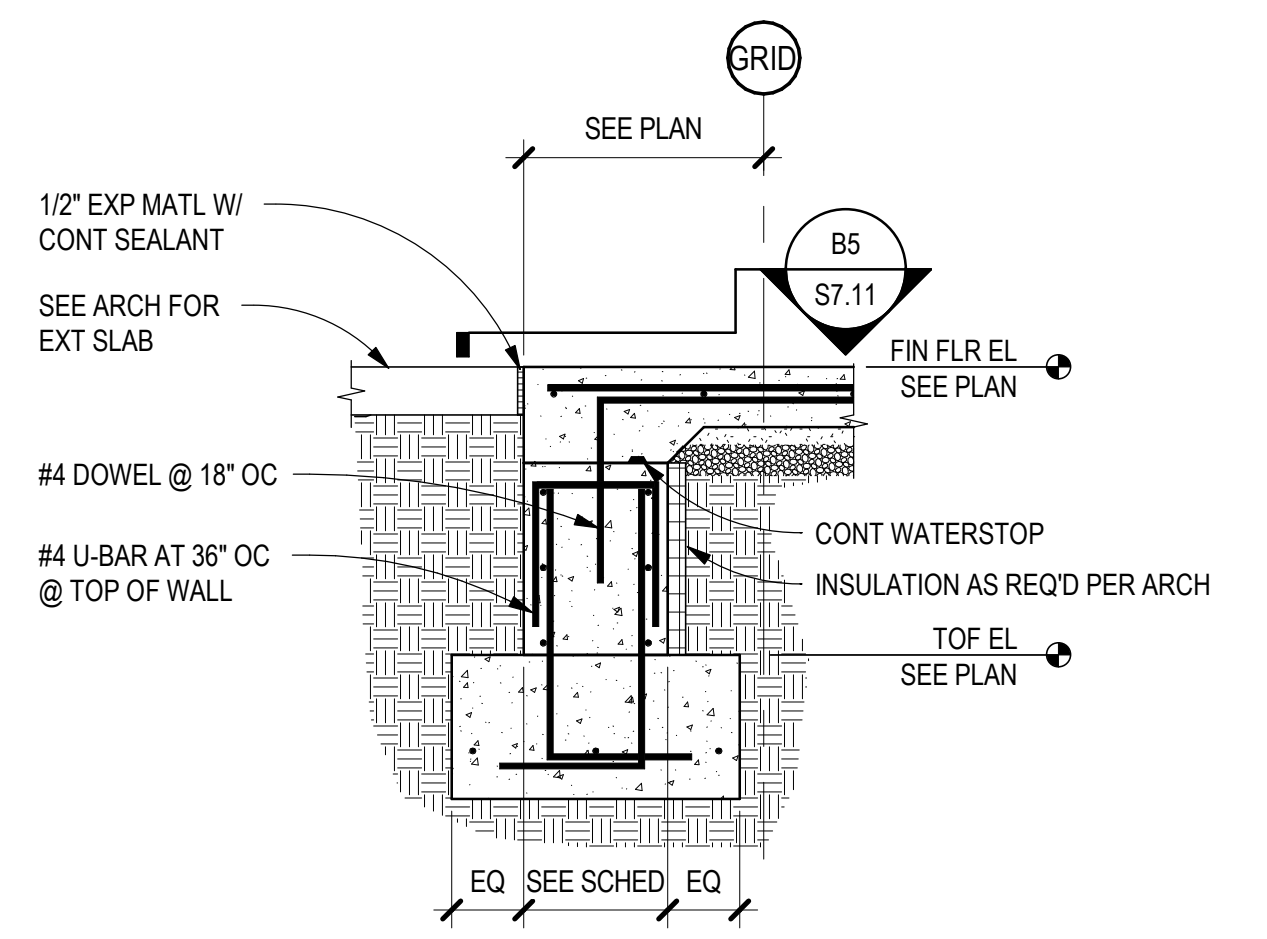
D4 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



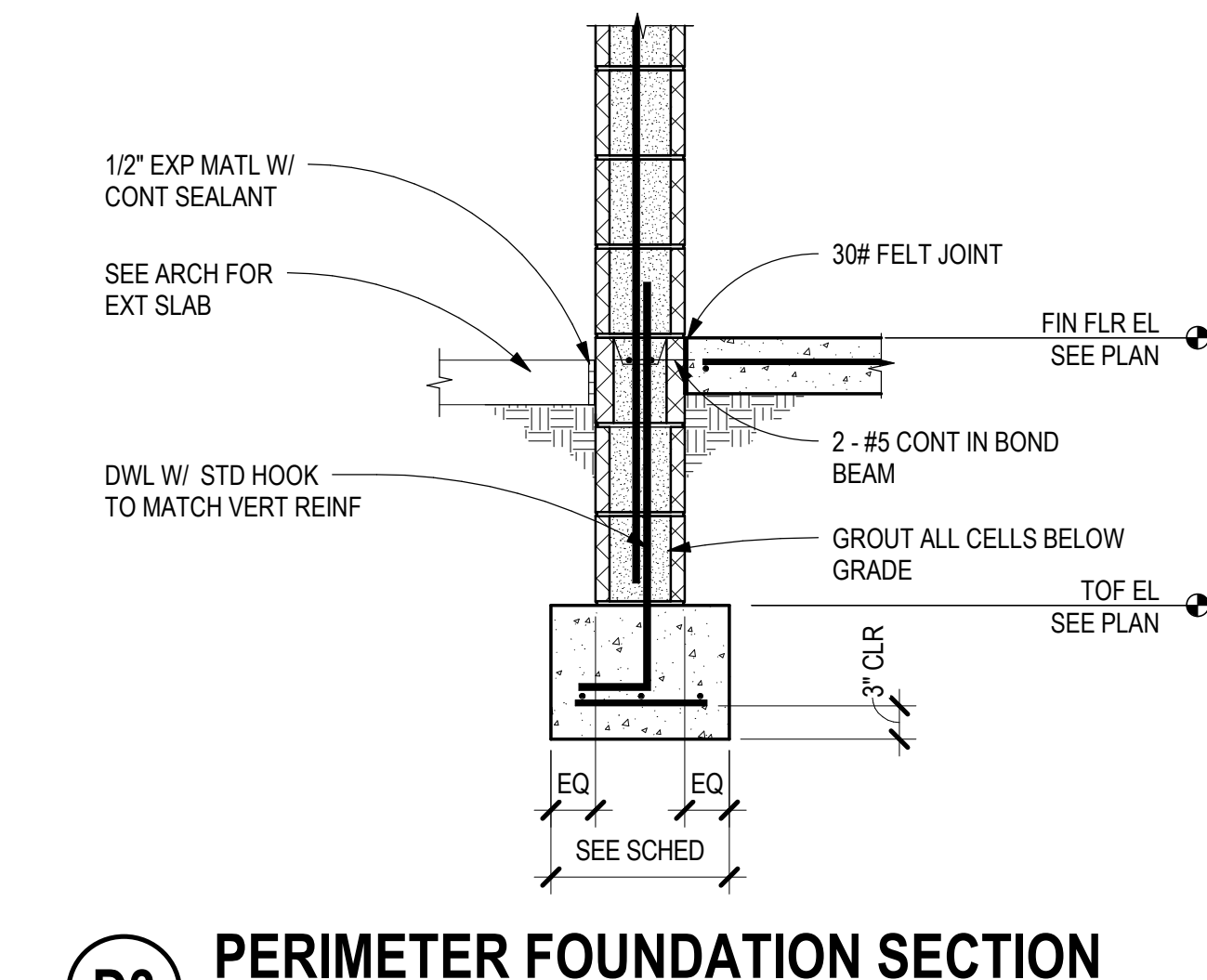
C4 INT COLUMN AT THICKENED SLAB
SCALE: 3/4" = 1'-0"



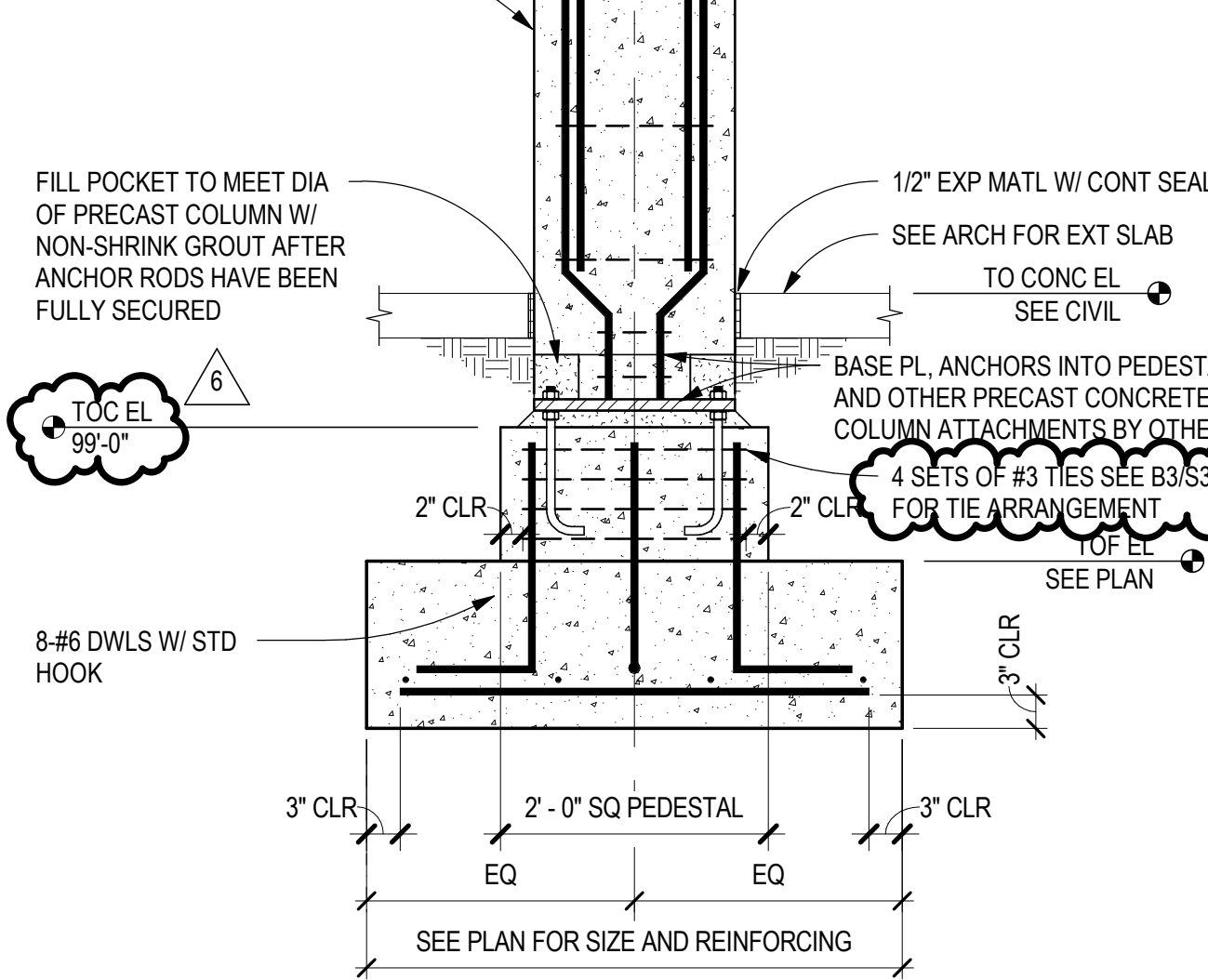
B4 INTERIOR COLUMN SECTION
SCALE: 3/4" = 1'-0"



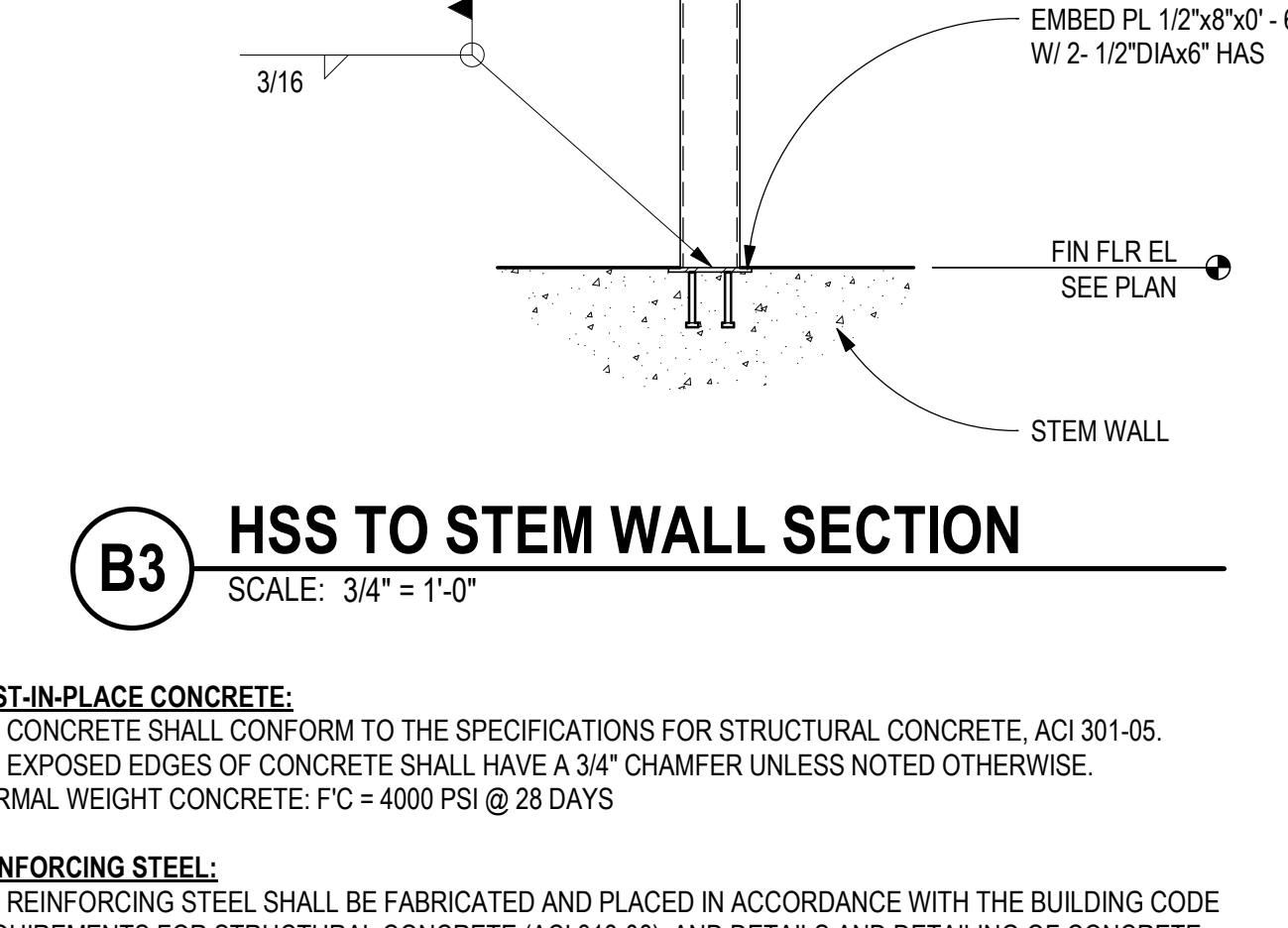
A4 FOUNDATION SECTION AT DOORWAY
SCALE: 3/4" = 1'-0"



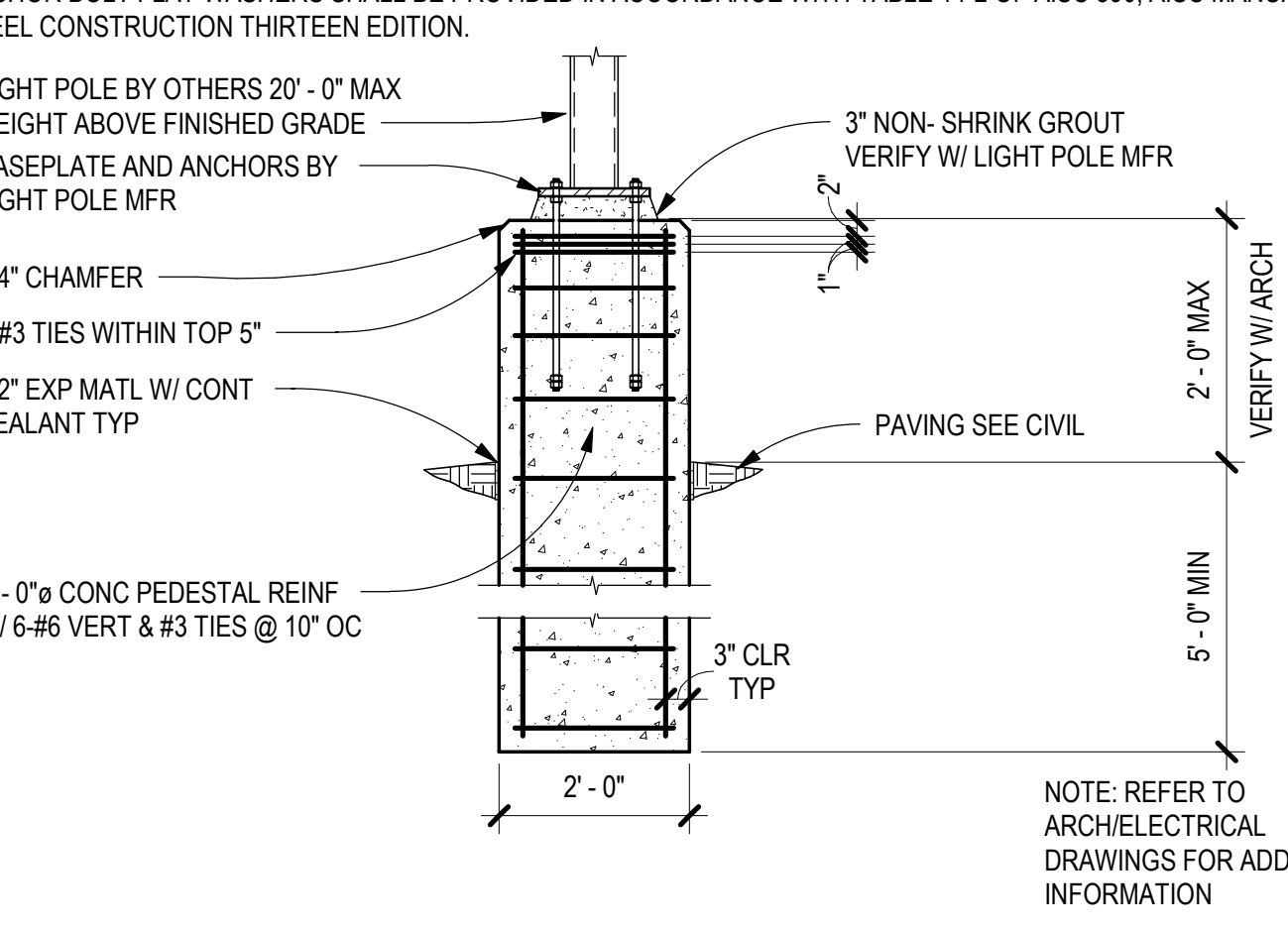
D3 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



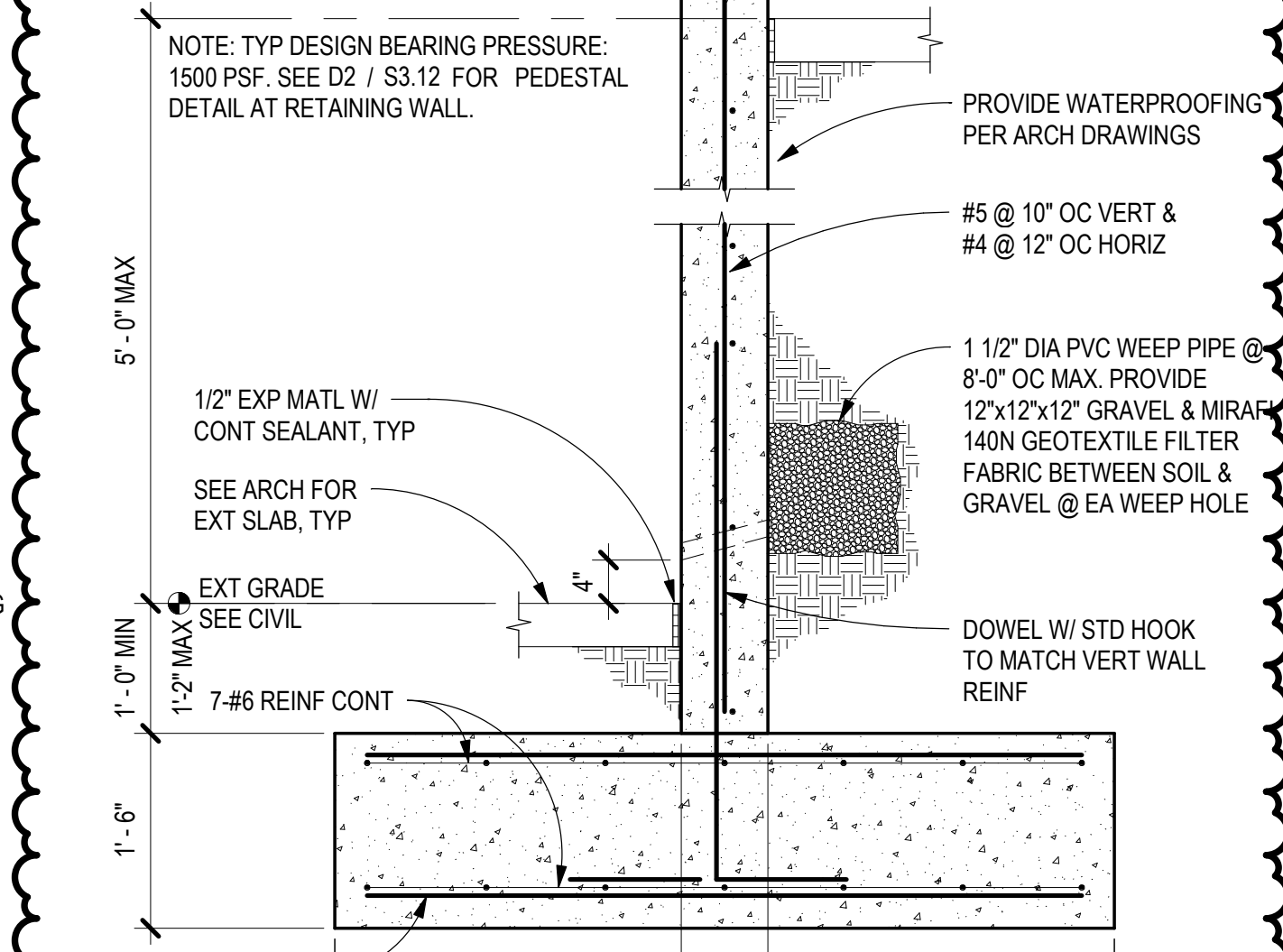
C3 EXT CONC COLUMN SECTION
SCALE: 3/4" = 1'-0"



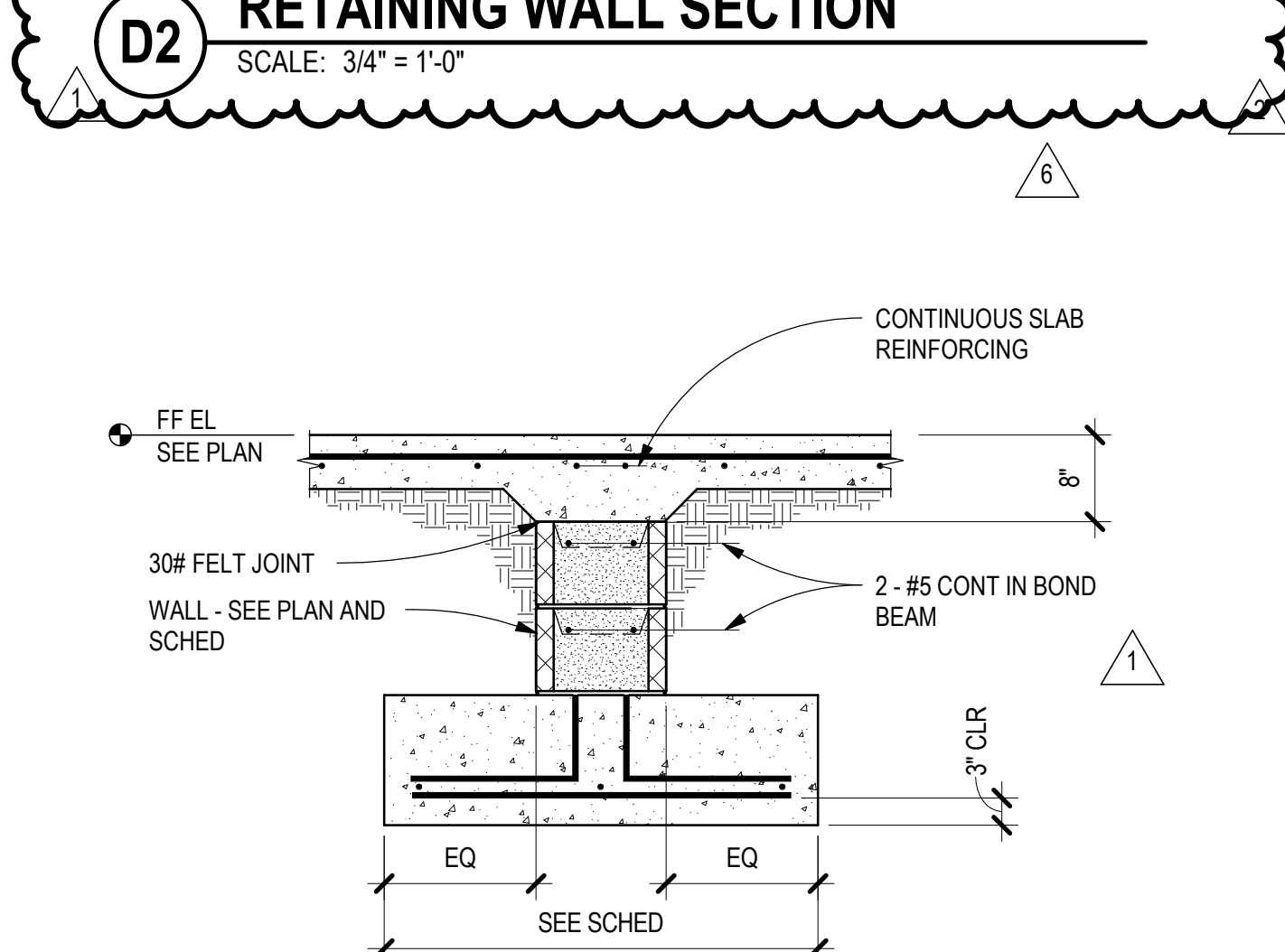
B3 HSS TO STEM WALL SECTION
SCALE: 3/4" = 1'-0"



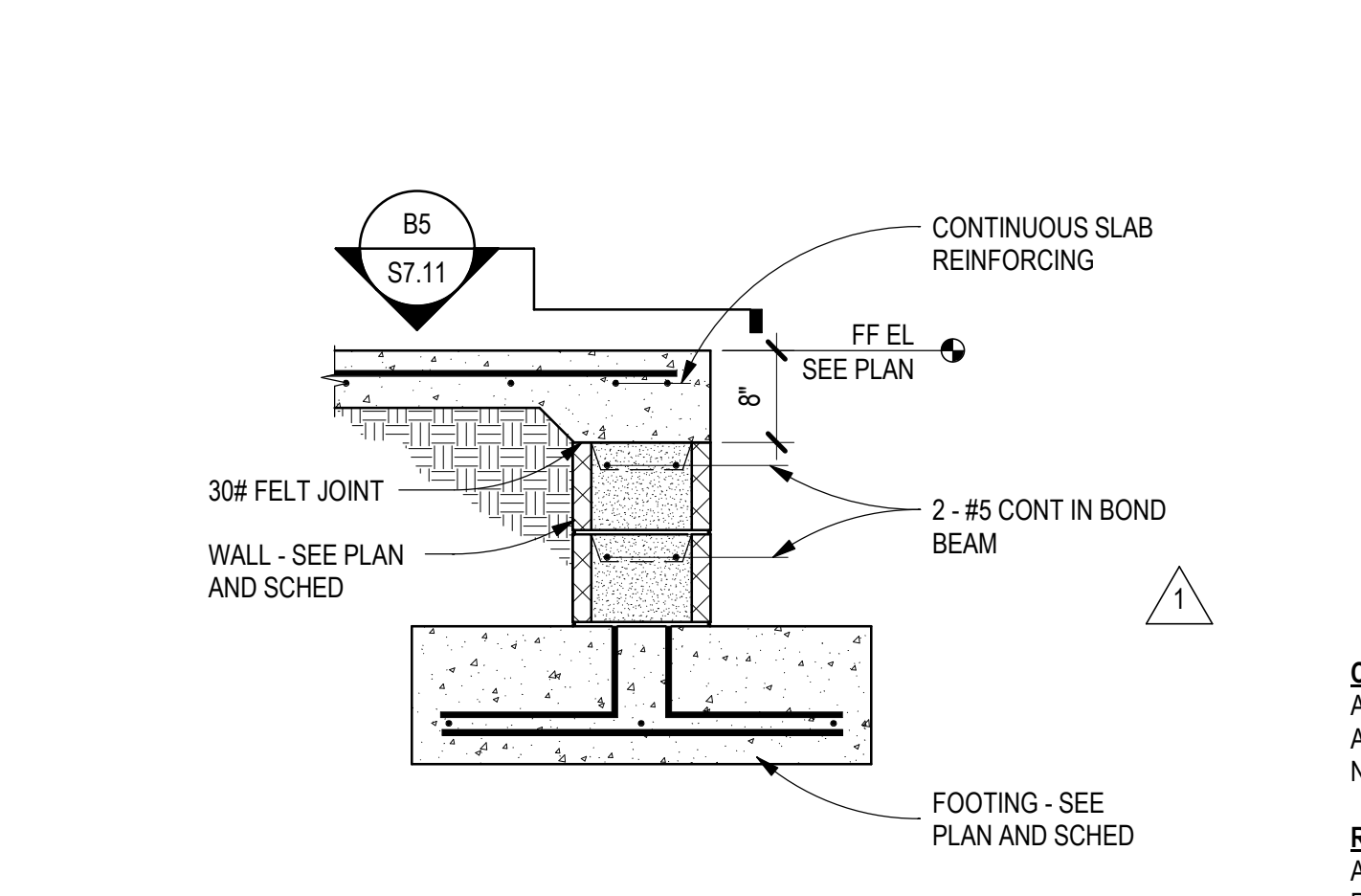
A3 LIGHT POLE BASE
SCALE: 1/2" = 1'-0"



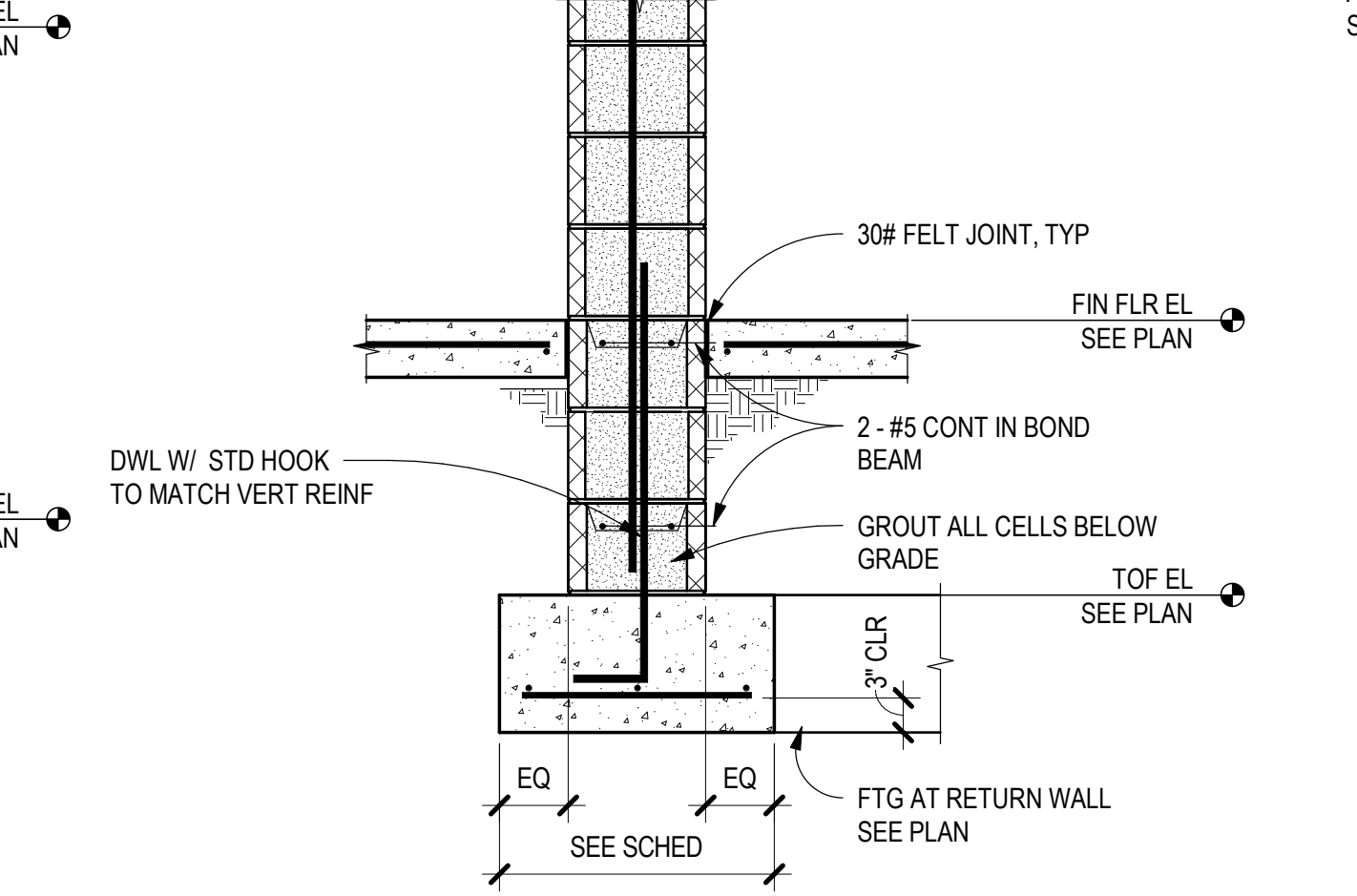
D2 RETAINING WALL SECTION
SCALE: 3/4" = 1'-0"



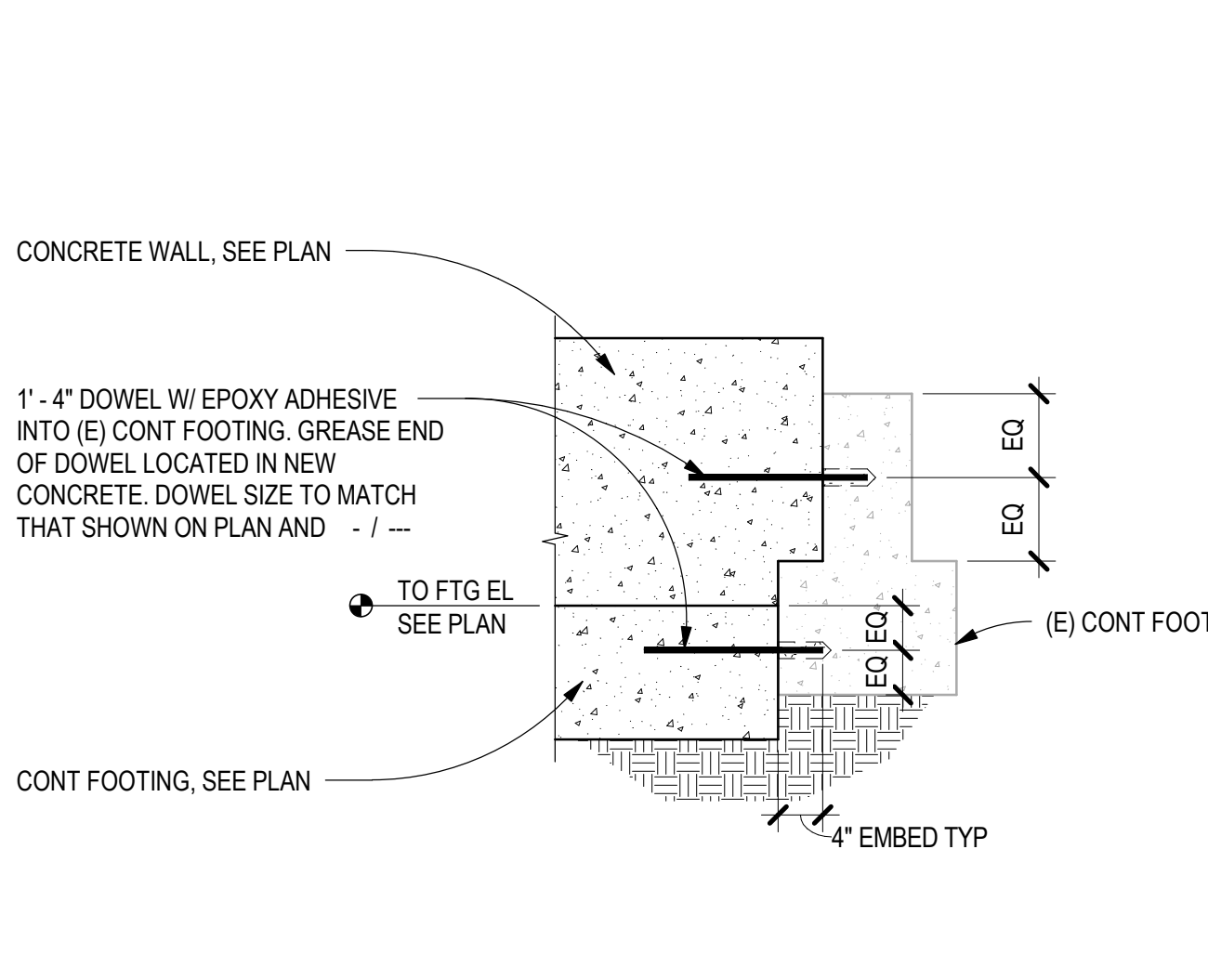
C2 INT SECTION @ DOORWAYS CMU
SCALE: 3/4" = 1'-0"



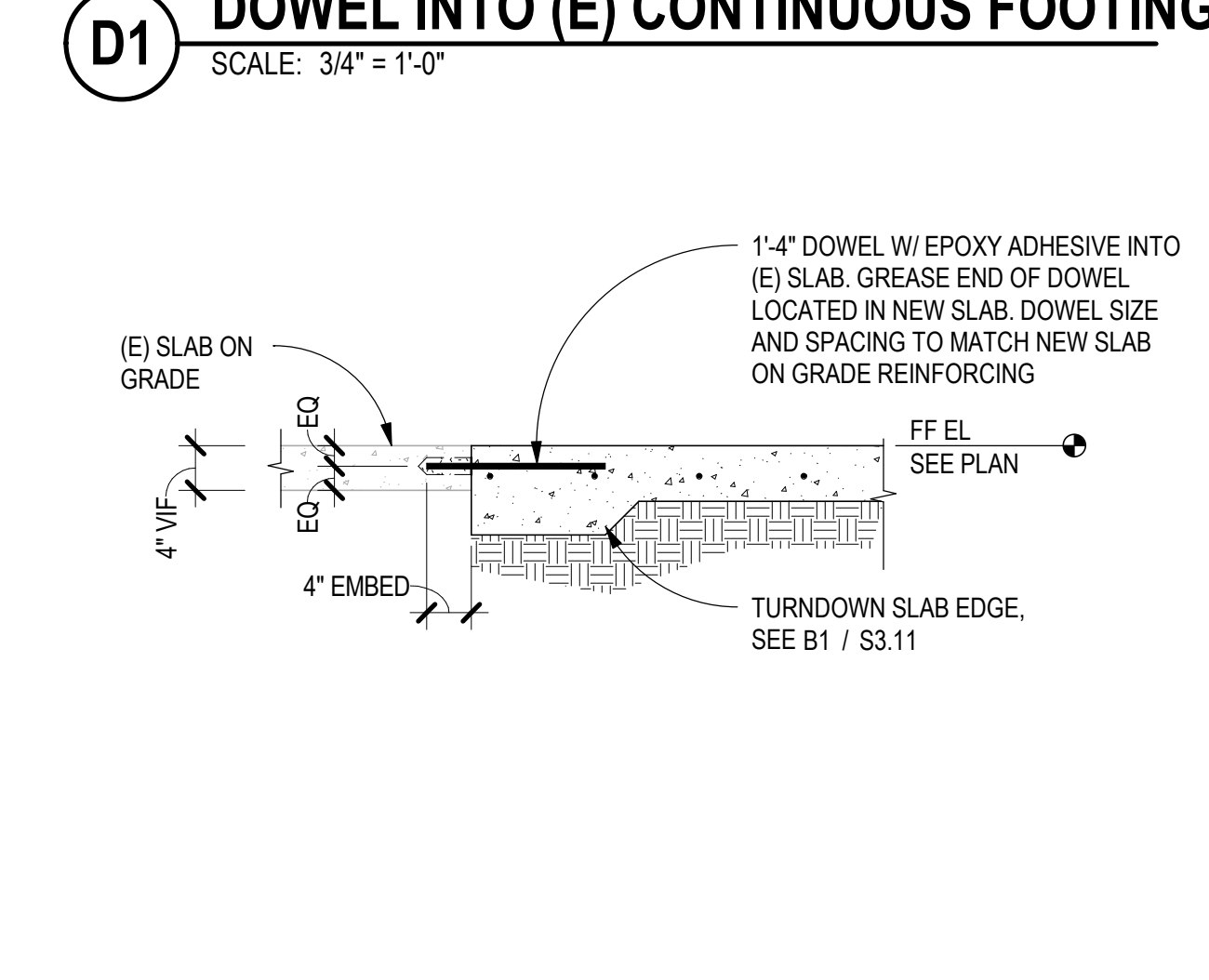
B2 PERIM SECTION AT DOORWAYS CMU
SCALE: 3/4" = 1'-0"



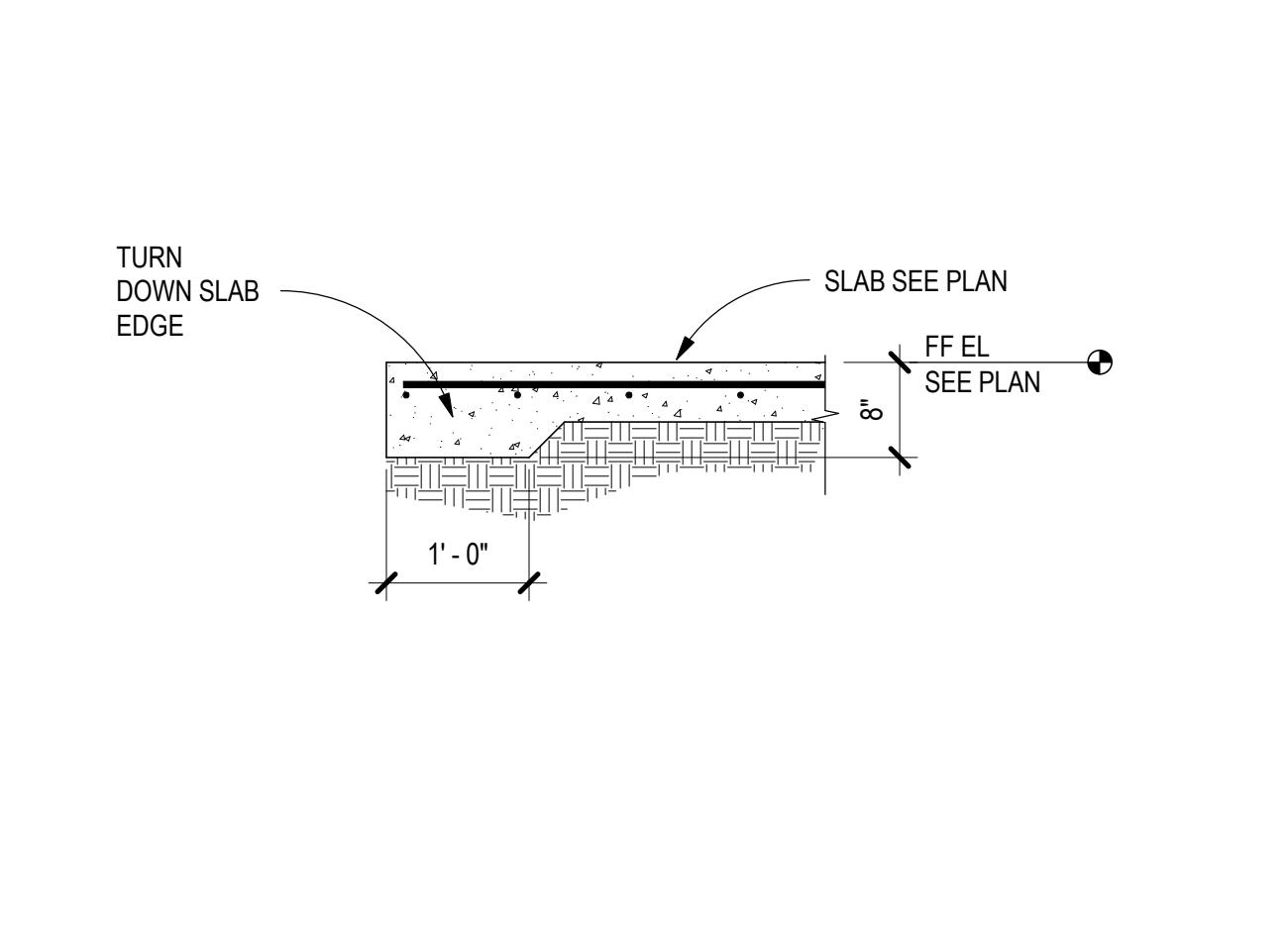
A2 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



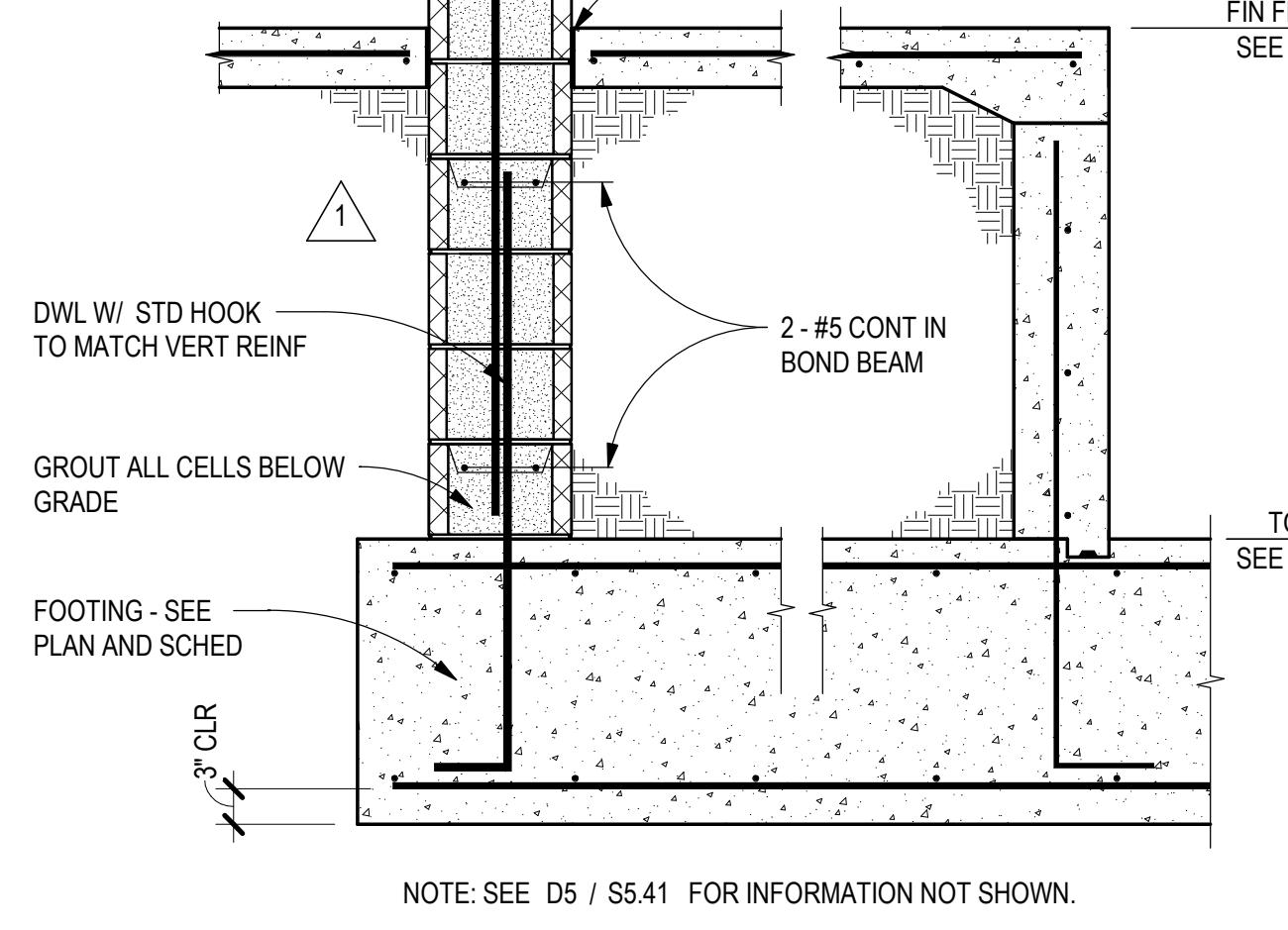
D1 DOWEL INTO (E) CONTINUOUS FOOTING
SCALE: 3/4" = 1'-0"



C1 DOWEL INTO (E) SLAB ON GRADE
SCALE: 3/4" = 1'-0"



B1 TYP TURN DOWN SLAB EDGE
SCALE: 3/4" = 1'-0"



A1 FOUNDATION SECTION @ ELEVATOR
SCALE: 3/4" = 1'-0"

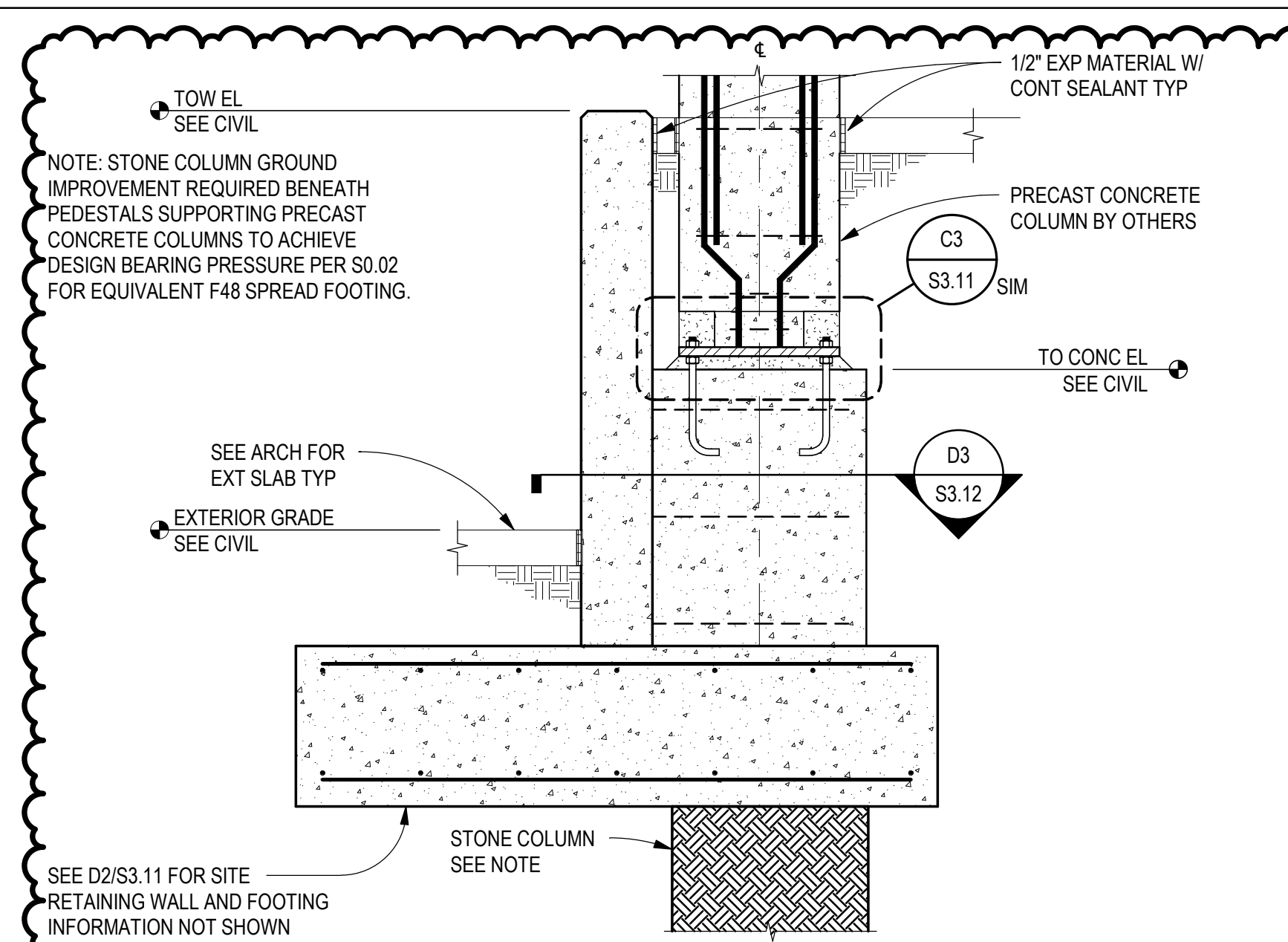
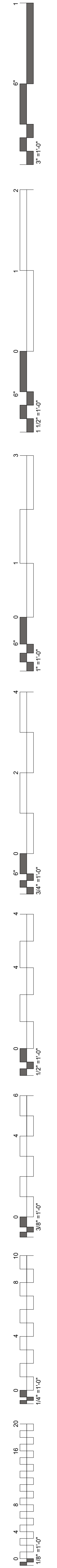
CAST-IN-PLACE CONCRETE:
ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-05. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE. NORMAL WEIGHT CONCRETE: FC = 4000 PSI @ 28 DAYS

REINFORCING STEEL:
ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-99). ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; EXCEPT STIRRUPS, TIES AND INDICATED FIELD BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40. REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

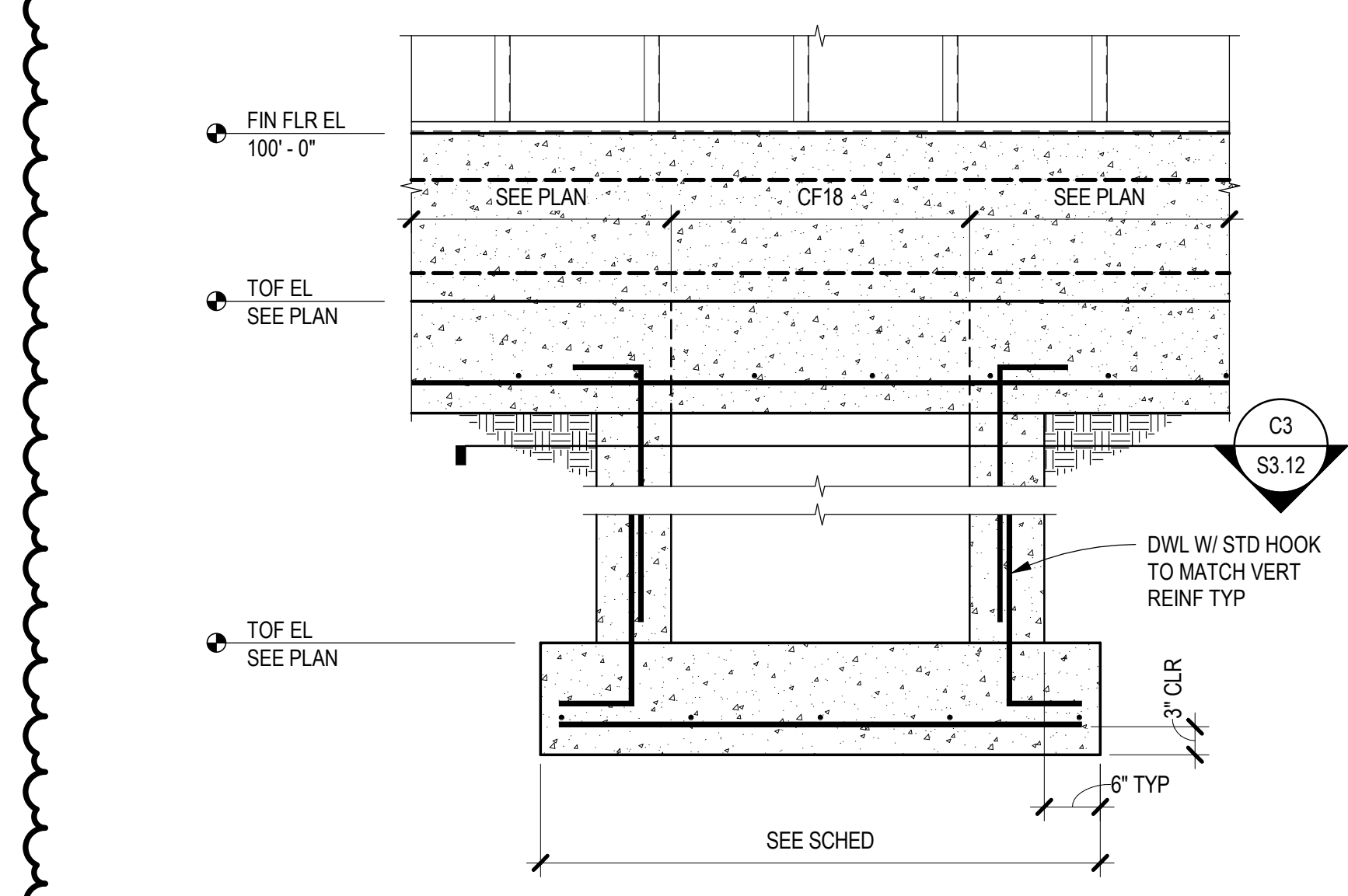
STRUCTURAL AND MISCELLANEOUS STEEL
ANCHOR BOLTS EMBEDDED IN CONCRETE SHALL BE ASTM F1554 GRADE 36 THREADED RODS WITH DOUBLE NUTS. PROVIDE FLAT WASHERS BETWEEN NUTS AND BASEPLATE SURFACES. ANCHOR BOLT LENGTHS SHOWN FOR ATTACHMENT TO CONCRETE ARE REQUIRED EMBEDMENT LENGTHS. THE CONTRACTOR SHALL PROVIDE ANCHOR BOLTS WITH ADDITIONAL BOLT LENGTH TO FACILITATE THE REQUIRED CONNECTION. ANCHOR BOLT FLAT WASHERS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 14-2 OF AISC 390, AISC MANUAL OF STEEL CONSTRUCTION THIRTEEN EDITION.

LIGHT POLE BY OTHERS 20'-0" MAX HEIGHT ABOVE FINISHED GRADE. BASEPLATE AND ANCHORS BY LIGHT POLE MFR.
3/4" CHAMFER
3-#3 TIES WITHIN TOP 5"
1/2" EXP MATL W/ CONT SEALANT TYP
2'-0" CONC PEDESTAL REINF W/ 6-#6 VERT & #3 TIES @ 10" OC
3" CLR TYP
NOTE: REFER TO ARCH/ELECTRICAL DRAWINGS FOR ADDL INFORMATION

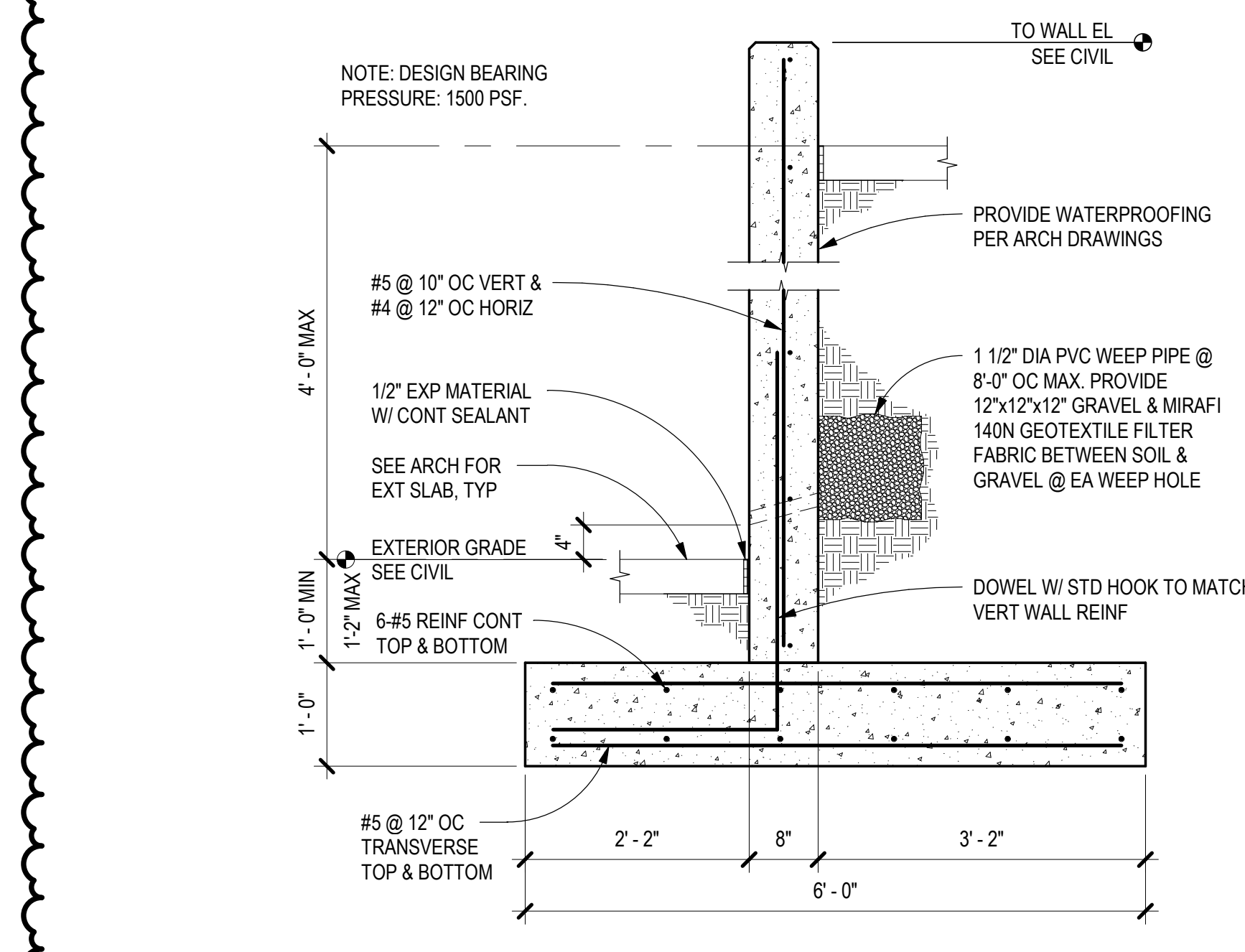
A3 LIGHT POLE BASE
SCALE: 1/2" = 1'-0"



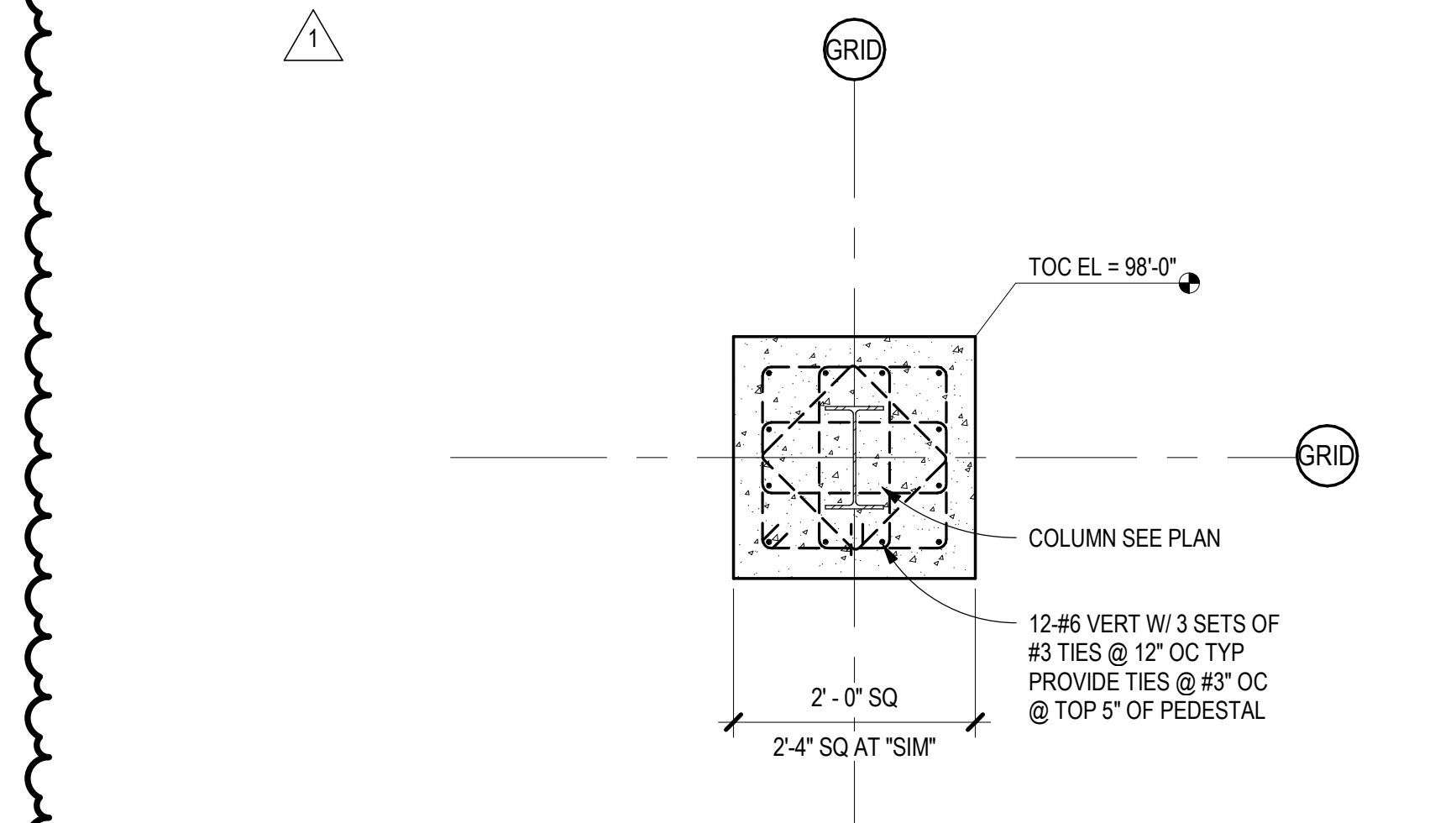
A2 PEDESTAL SECTION
SCALE: 3/4" = 1'-0"



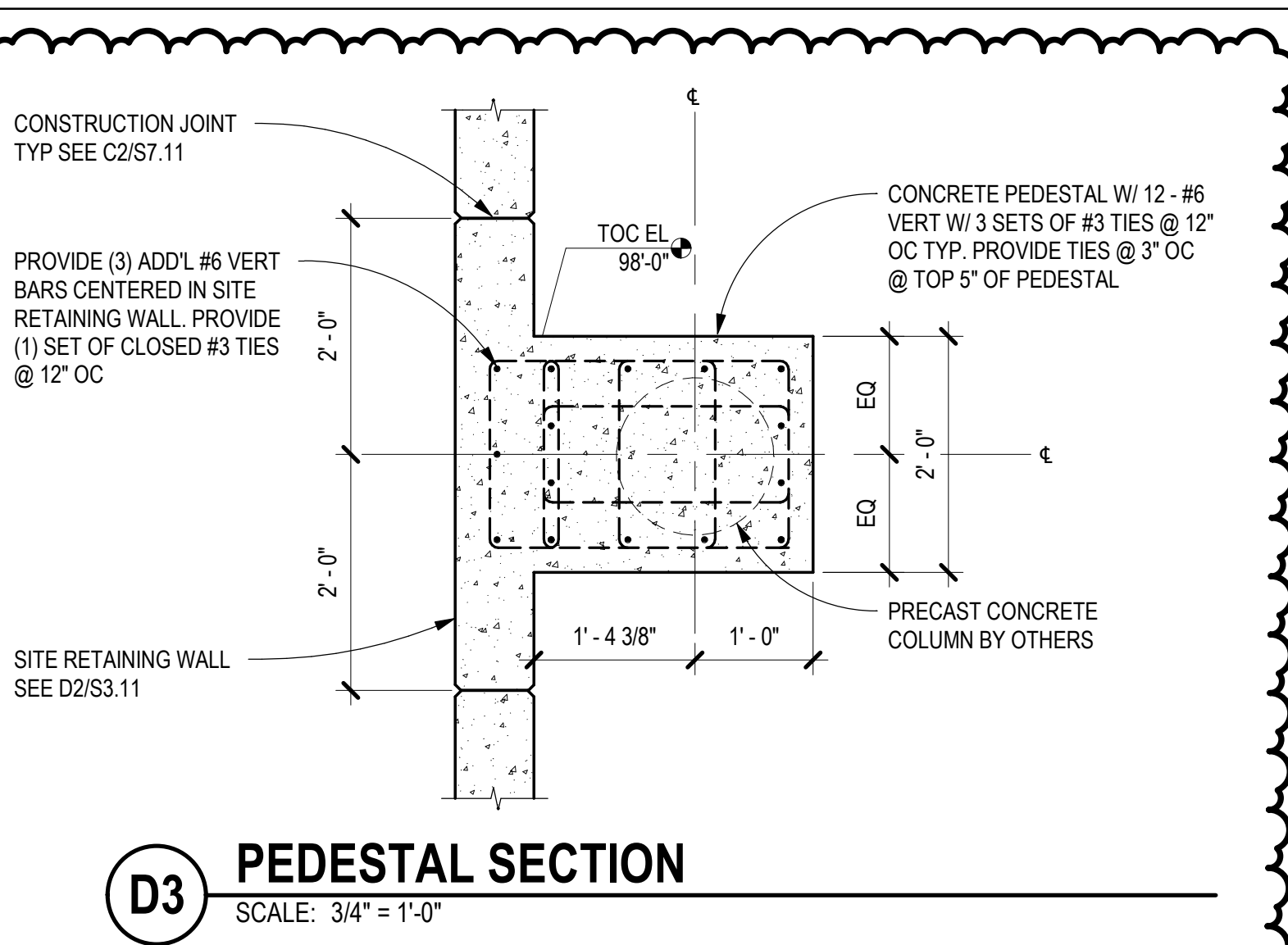
D2 EXT CONC COLUMN SECTION
SCALE: 3/4" = 1'-0"



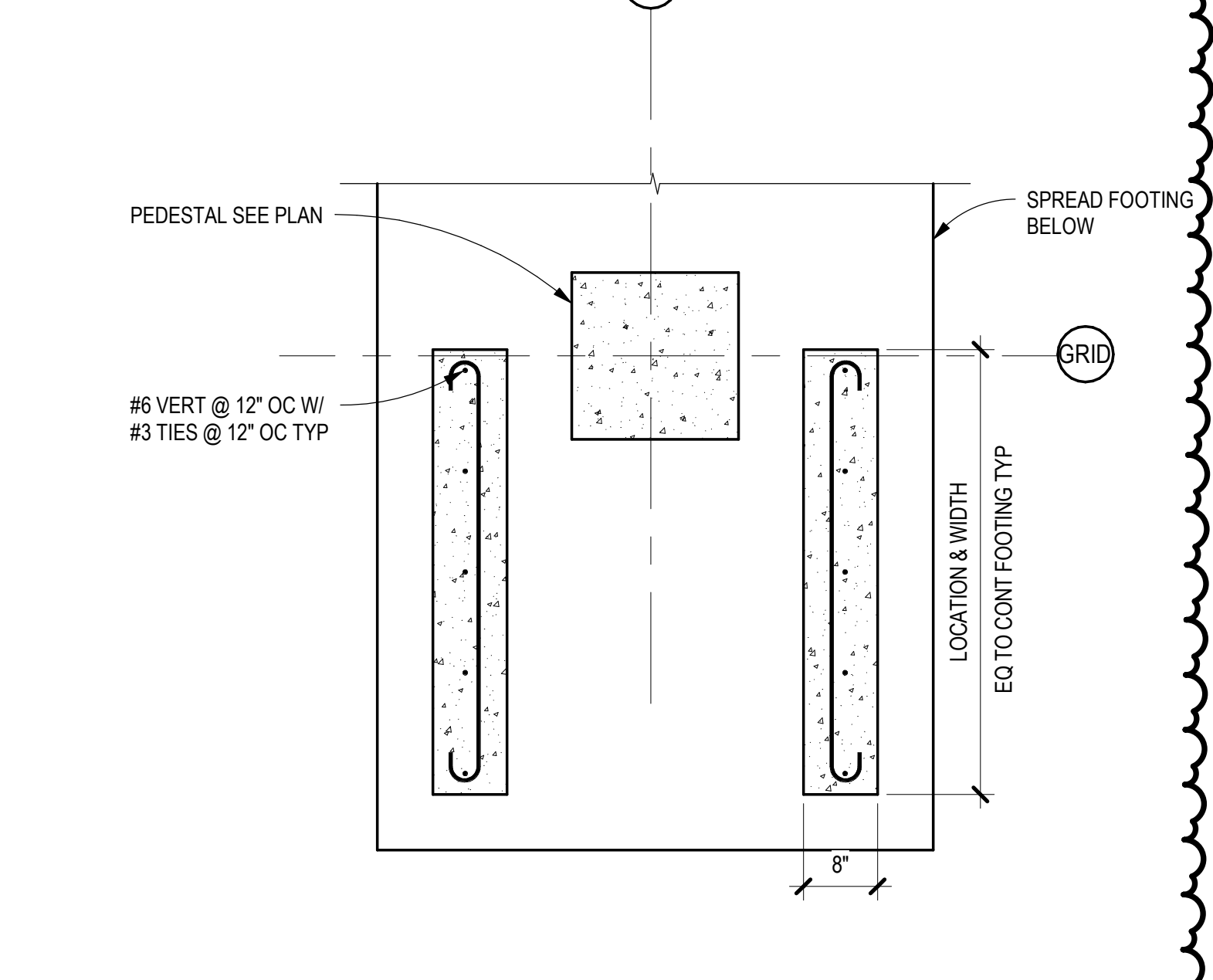
B2 RETAINING WALL SECTION
SCALE: 3/4" = 1'-0"



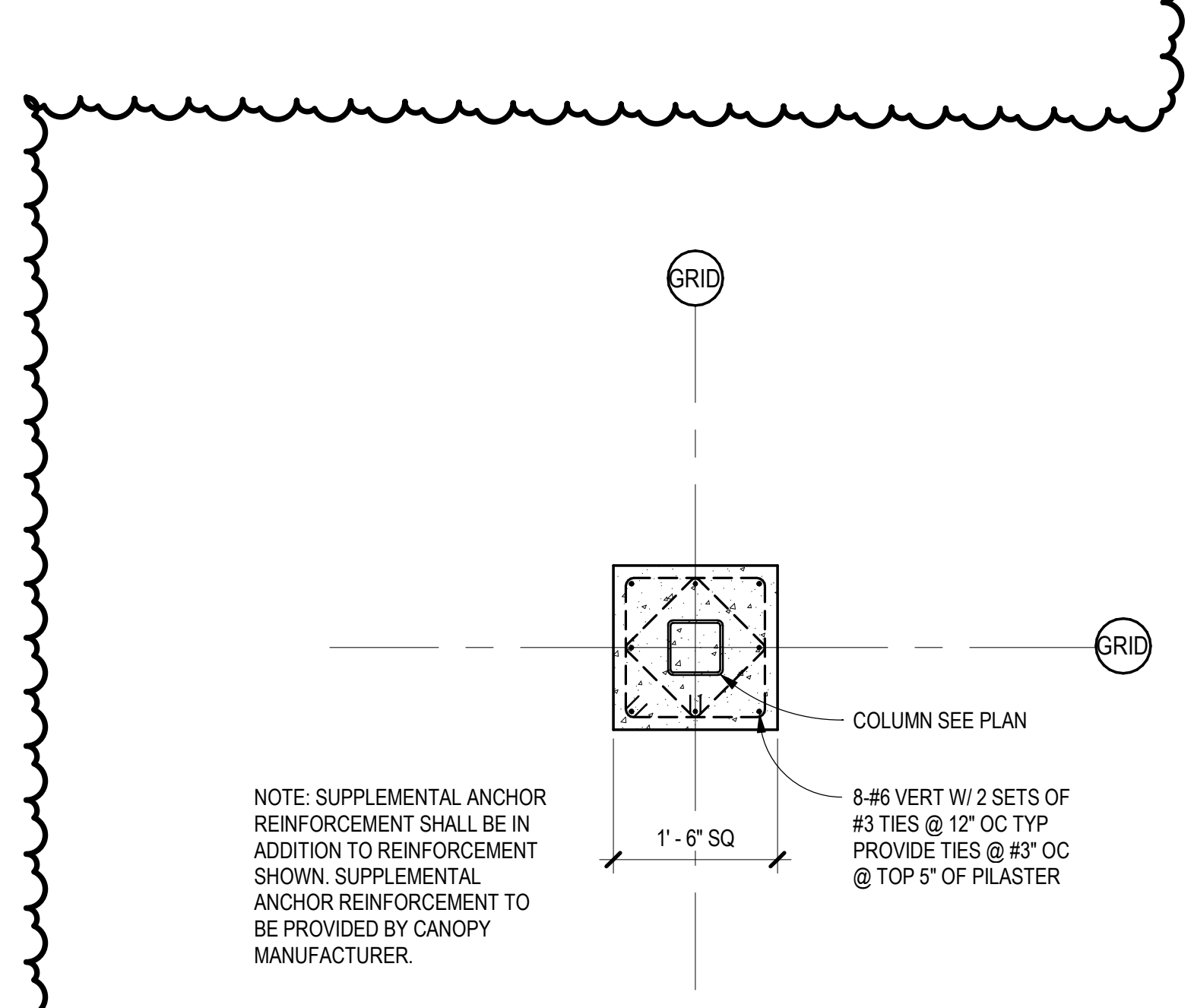
A3 POST TO STEM WALL CONNECTION
SCALE: 3/4" = 1'-0"



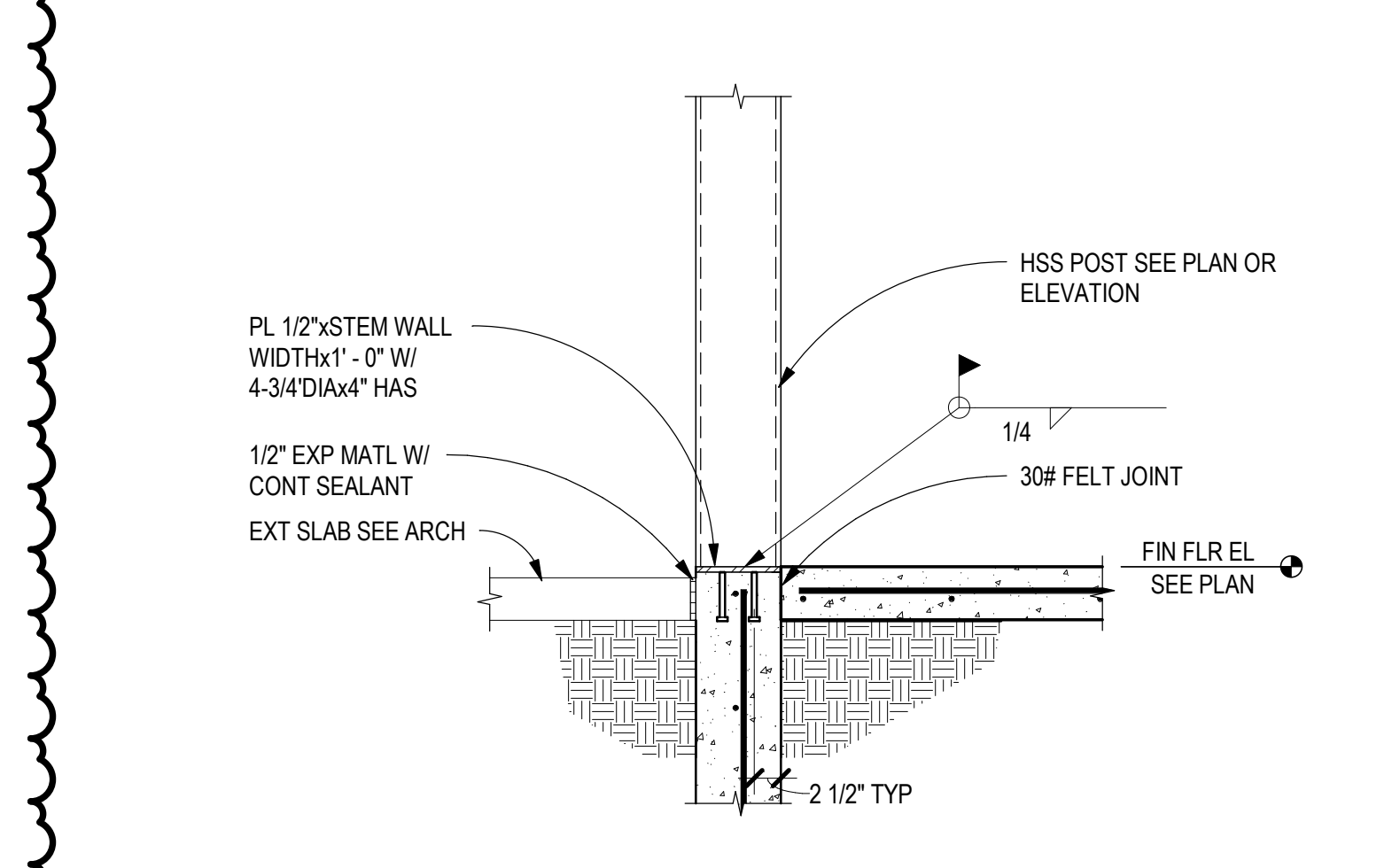
D3 PEDESTAL SECTION
SCALE: 3/4" = 1'-0"



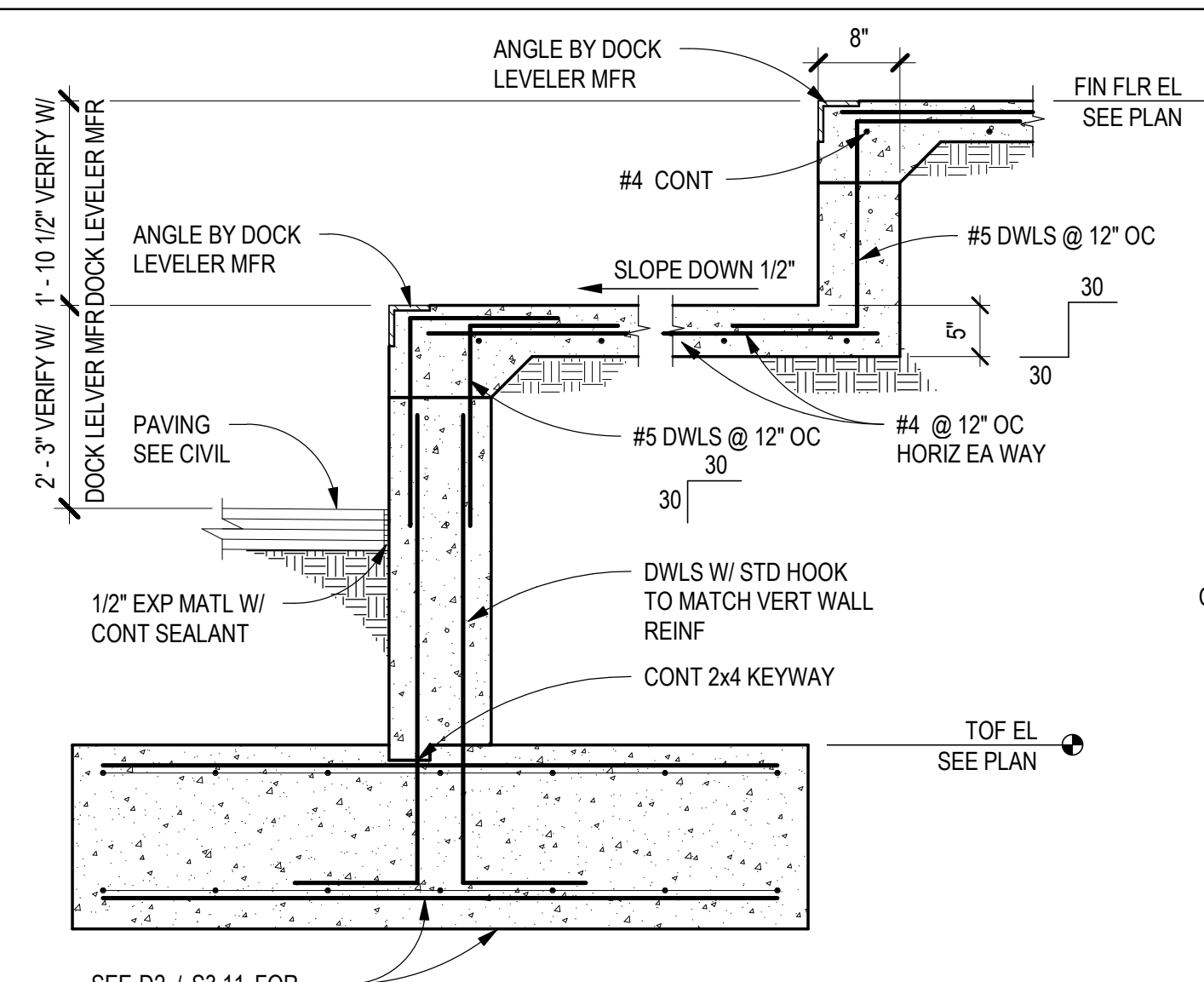
C3 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



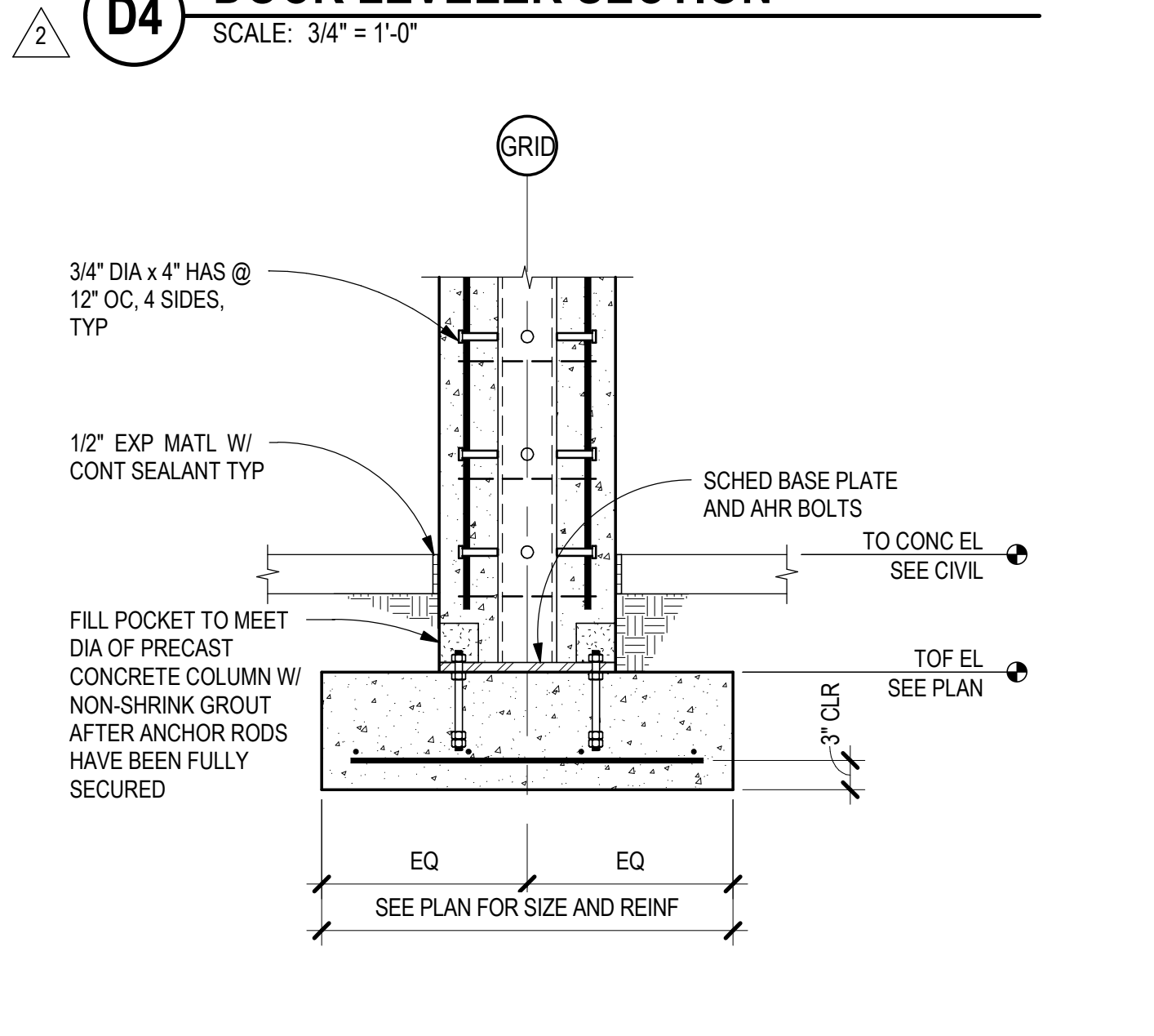
B3 PILASTER AT ELEVATOR SHAFT
SCALE: 3/4" = 1'-0"



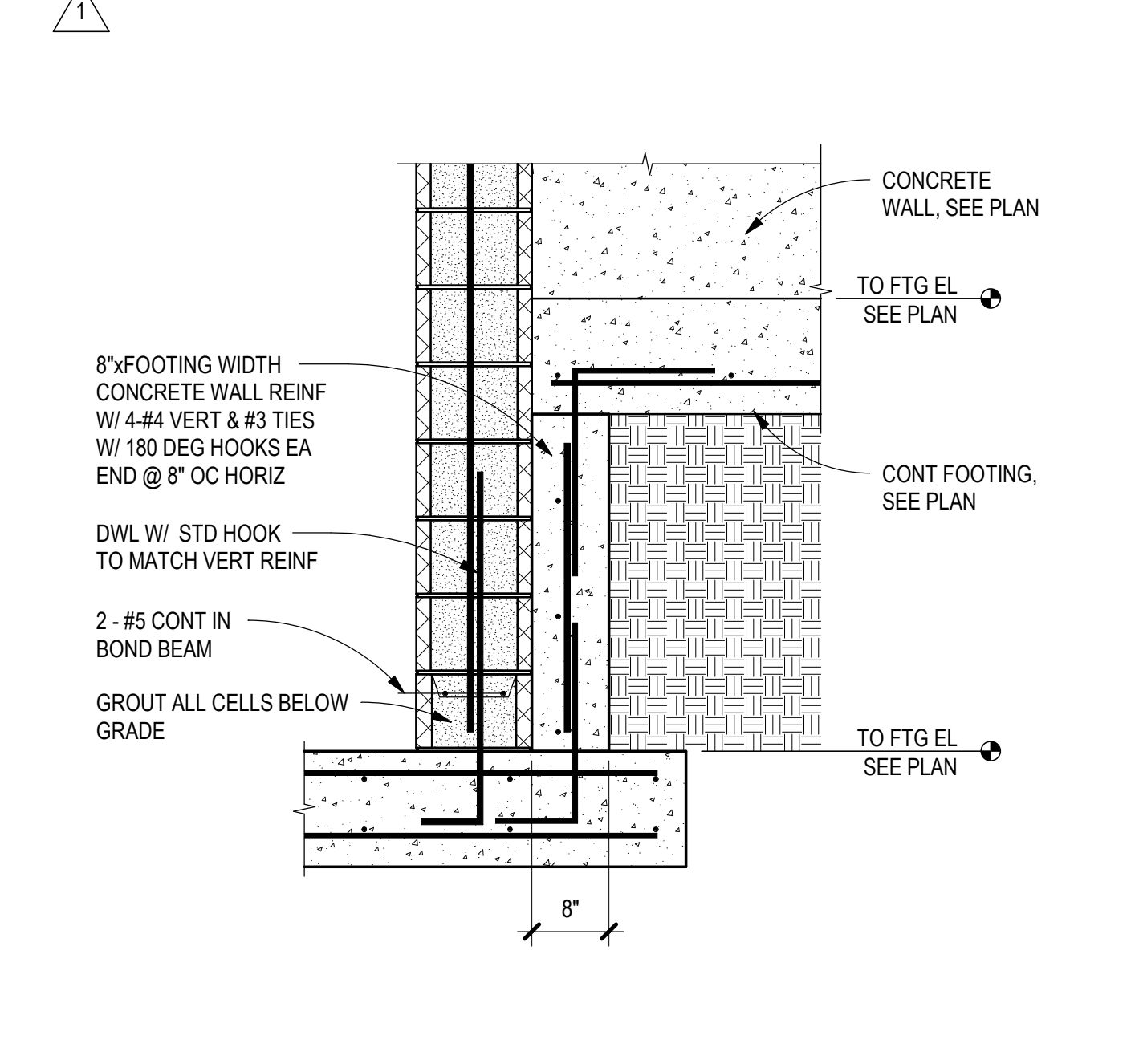
A4 HAIRPIN REINF AT CORNER COLUMN
SCALE: 3/4" = 1'-0"



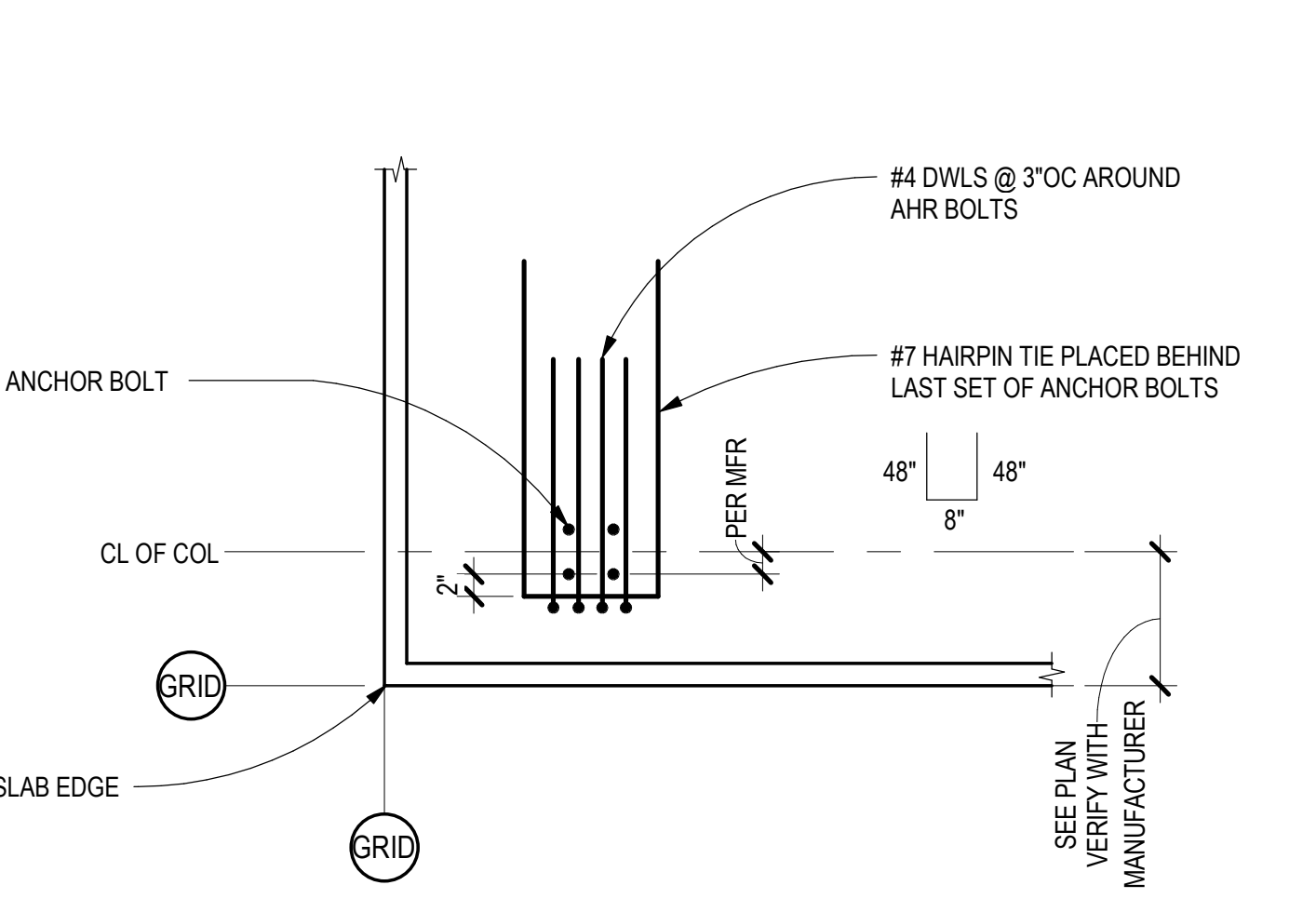
D4 DOCK LEVELER SECTION
SCALE: 3/4" = 1'-0"



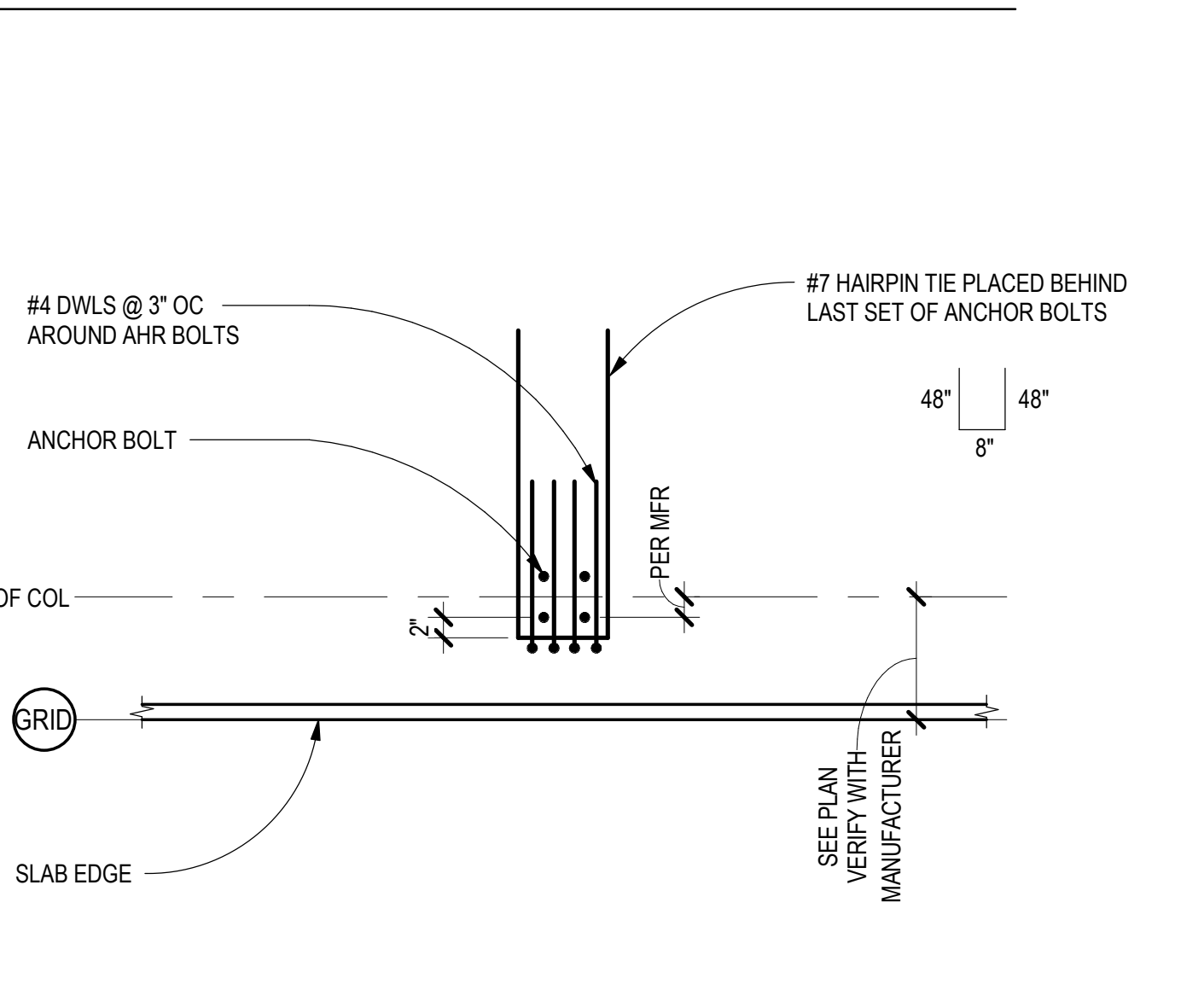
C4 EXTERIOR COLUMN SECTION
SCALE: 3/4" = 1'-0"



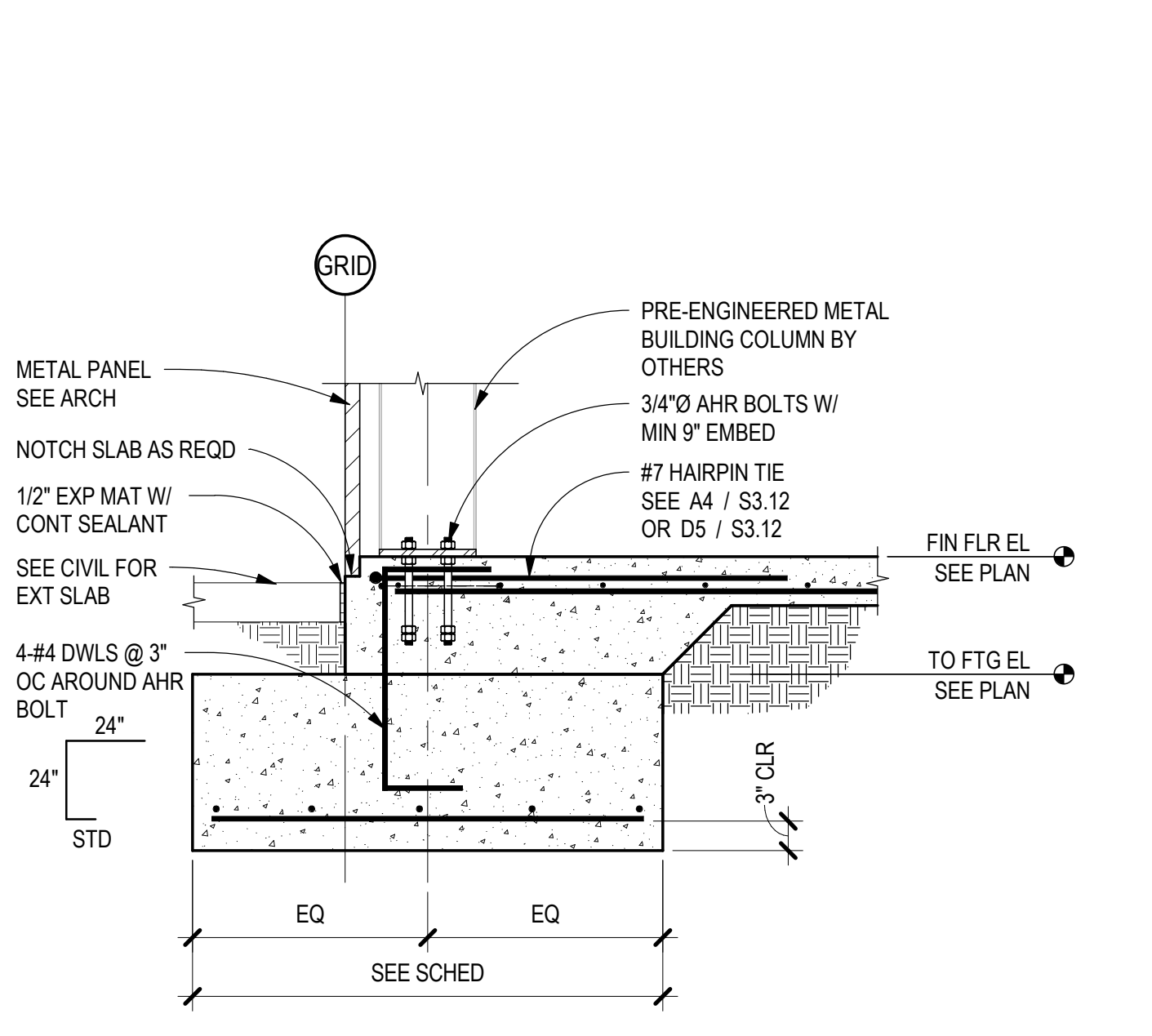
B4 FOUNDATION SECTION @ ELEVATOR
SCALE: 3/4" = 1'-0"



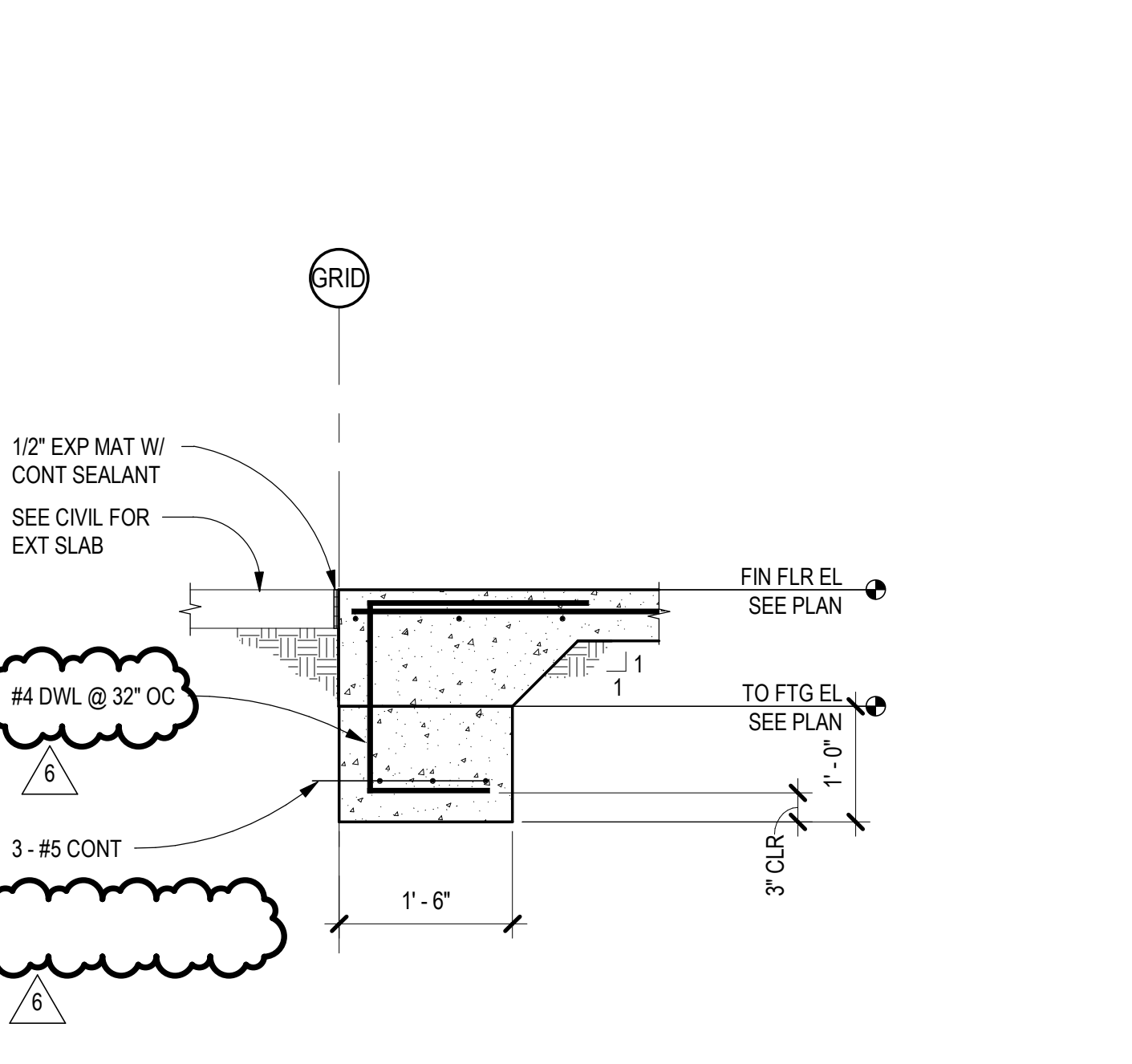
A5 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



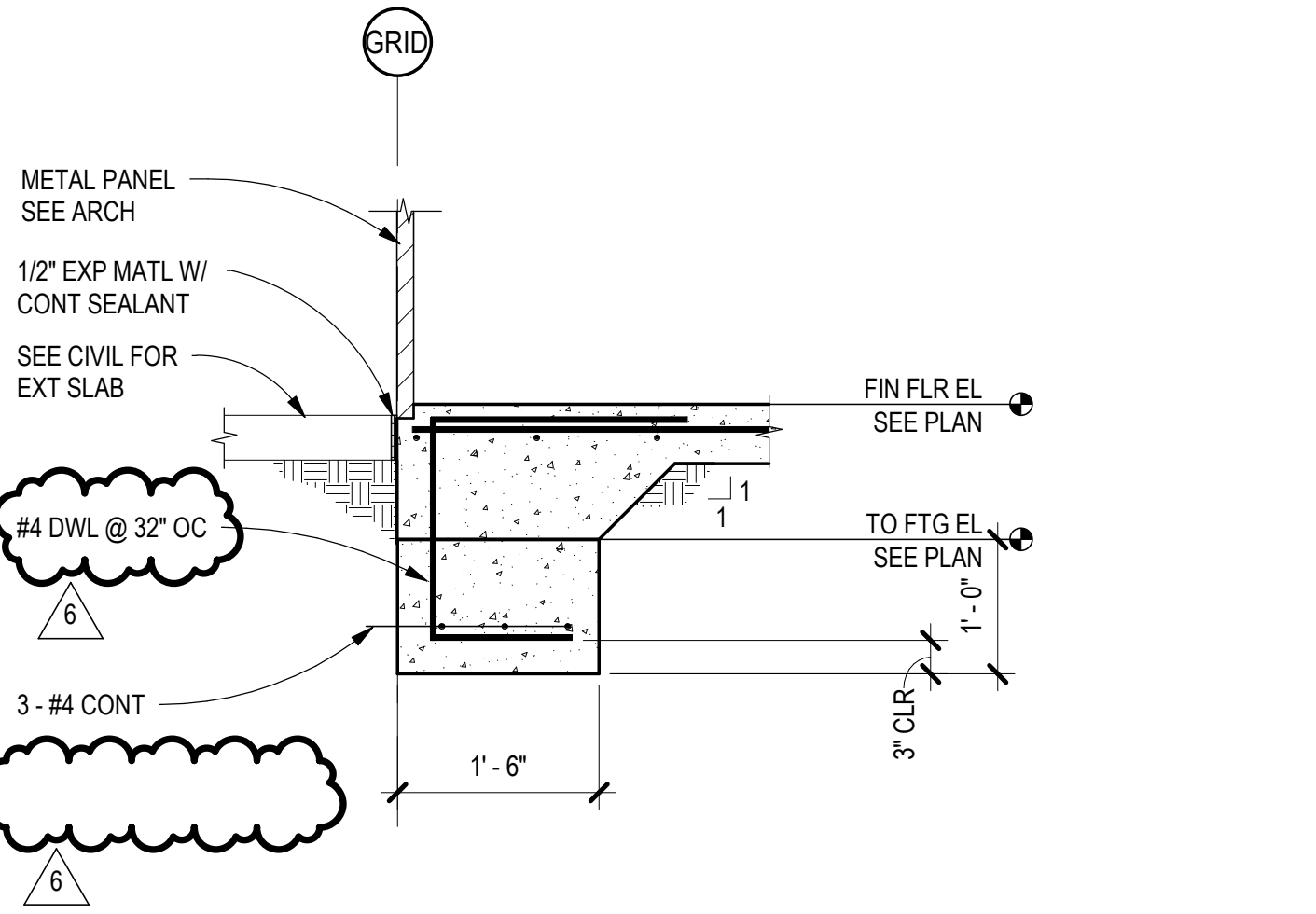
D5 HAIRPIN REINF AT COLUMN
SCALE: 3/4" = 1'-0"



C5 PERIMETER SECTION @ COLUMN
SCALE: 3/4" = 1'-0"



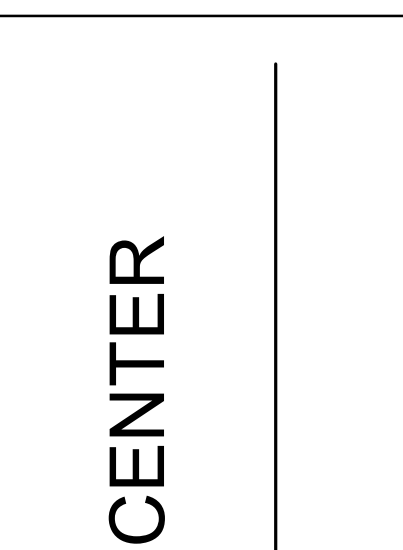
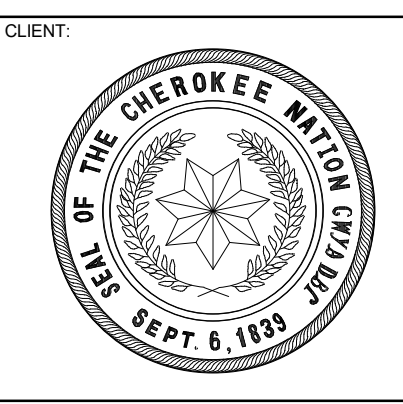
B5 FOUNDATION SECT @ OPENING
SCALE: 3/4" = 1'-0"



A5 PERIMETER FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



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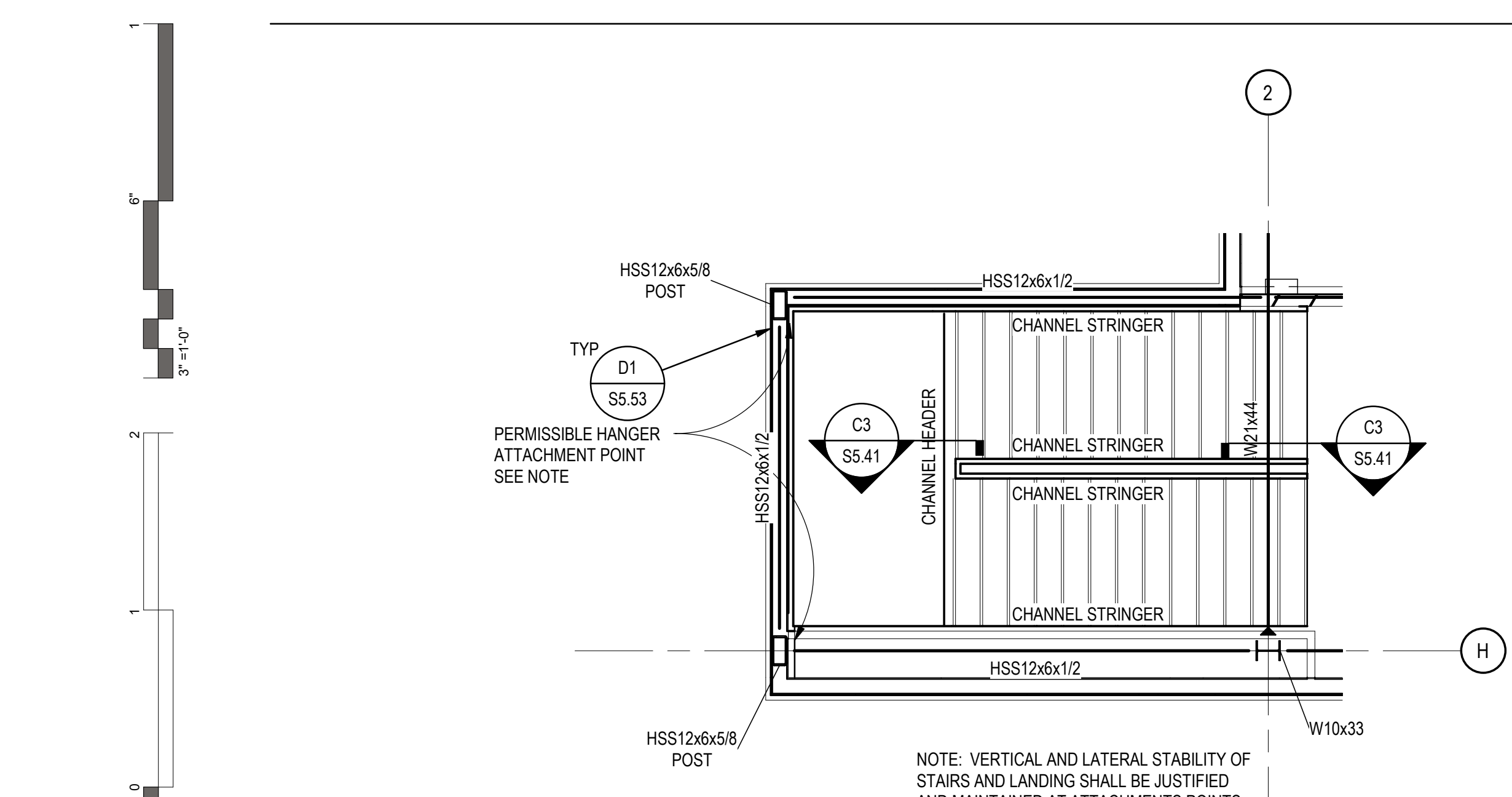
KEY PLAN:

PROJECT PHASE:
BID PACKAGE 01

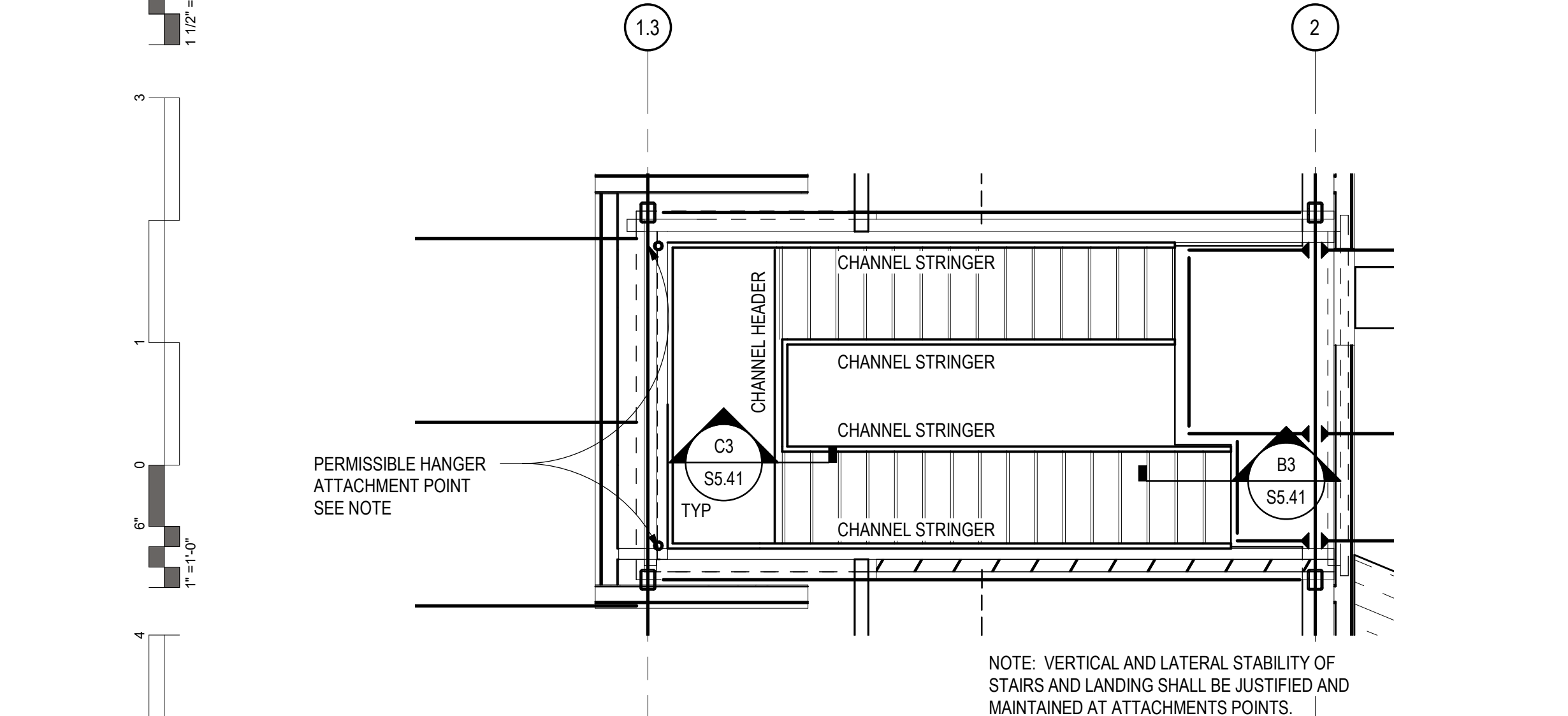
#	DATE	REVISIONS
1	11/02/19	BID PACKAGE 01 - ADD 01
2	12/16/19	BID PACKAGE 01 - ADD 02
3	04/16/20	BID PACKAGE 01 - ASI 03

DATE: 11/01/19
JOB NUMBER: 18-01.01

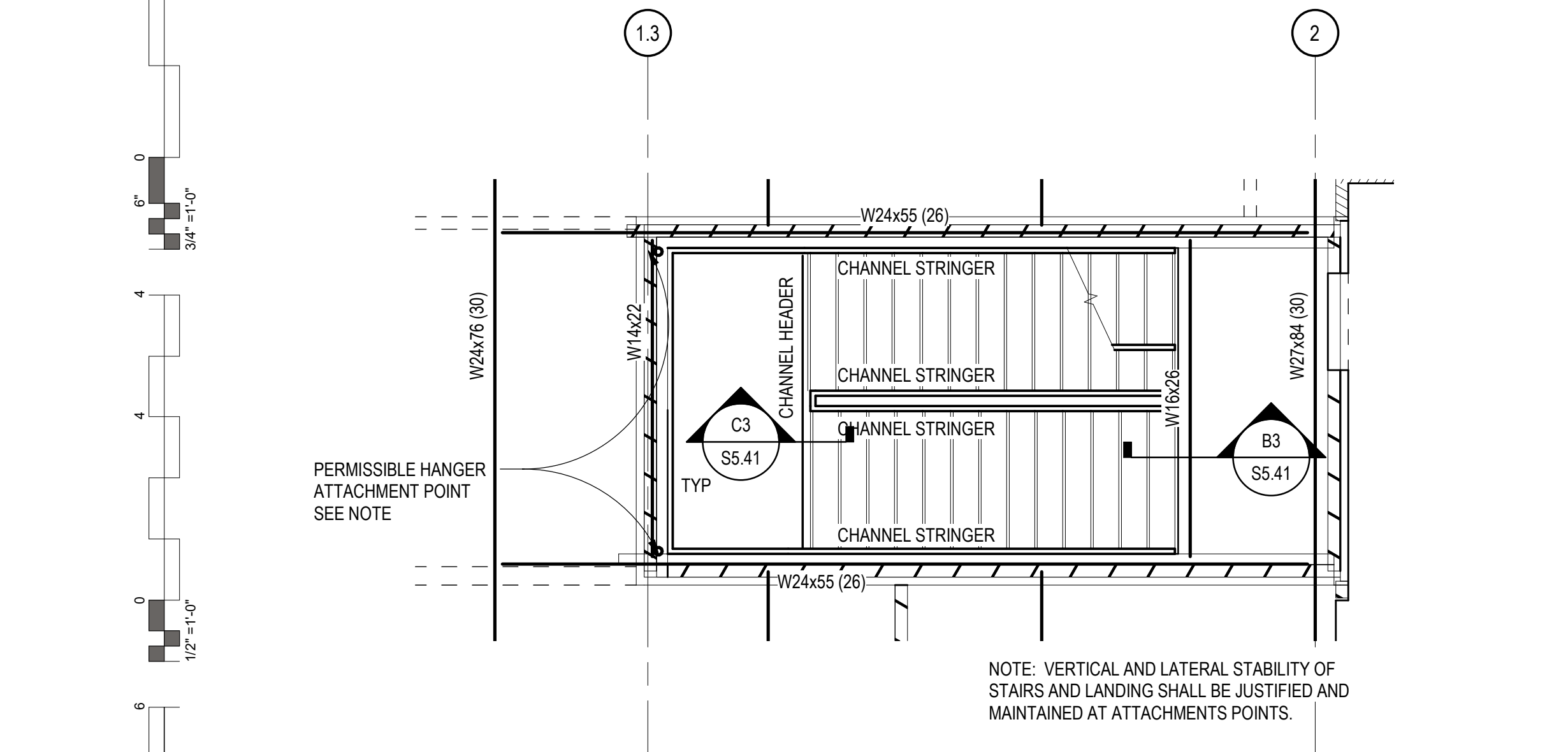
SHEET NUMBER:
S3.12
FOUNDATION SECTIONS



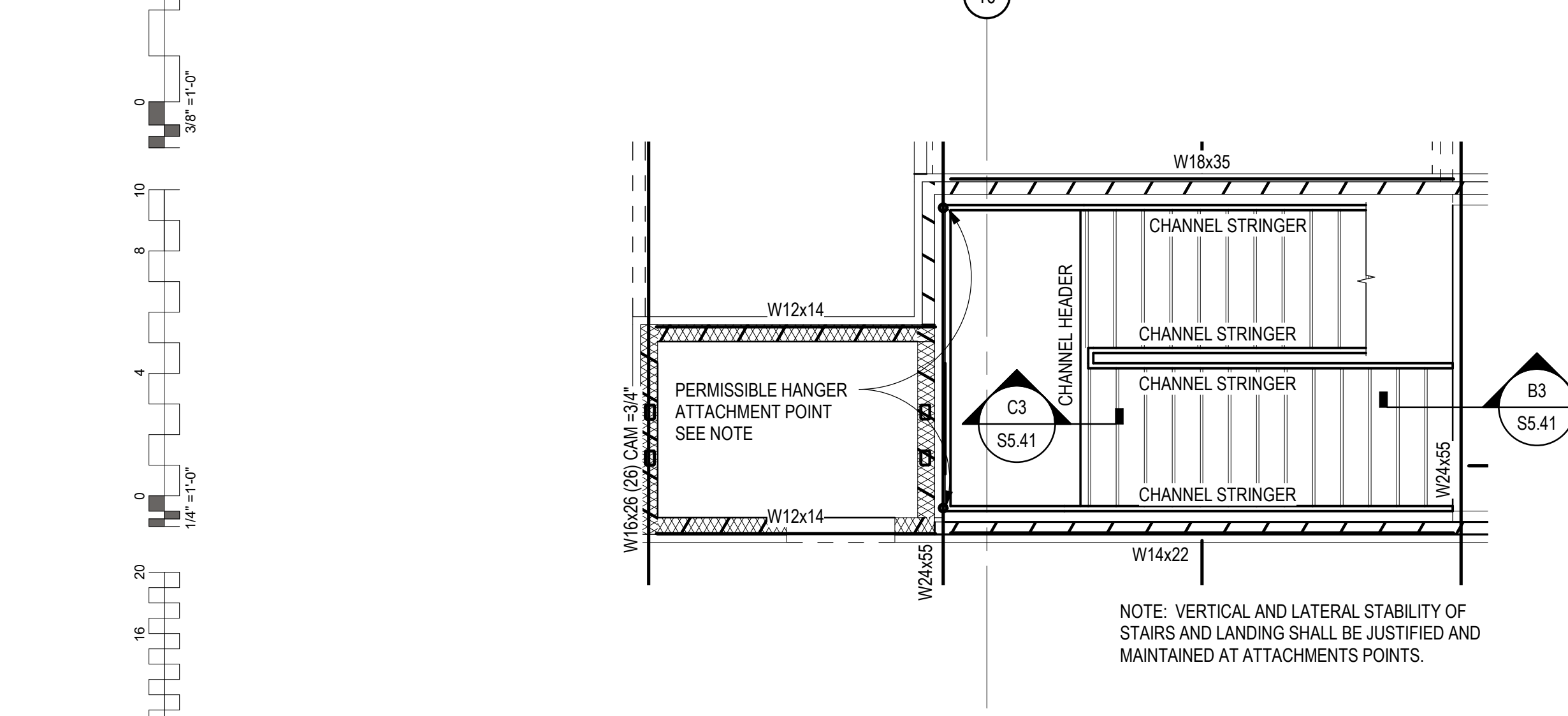
D1 ENLARGED SOUTHWEST STAIR FRAMING PLAN
SCALE: 1/4" = 1'-0"



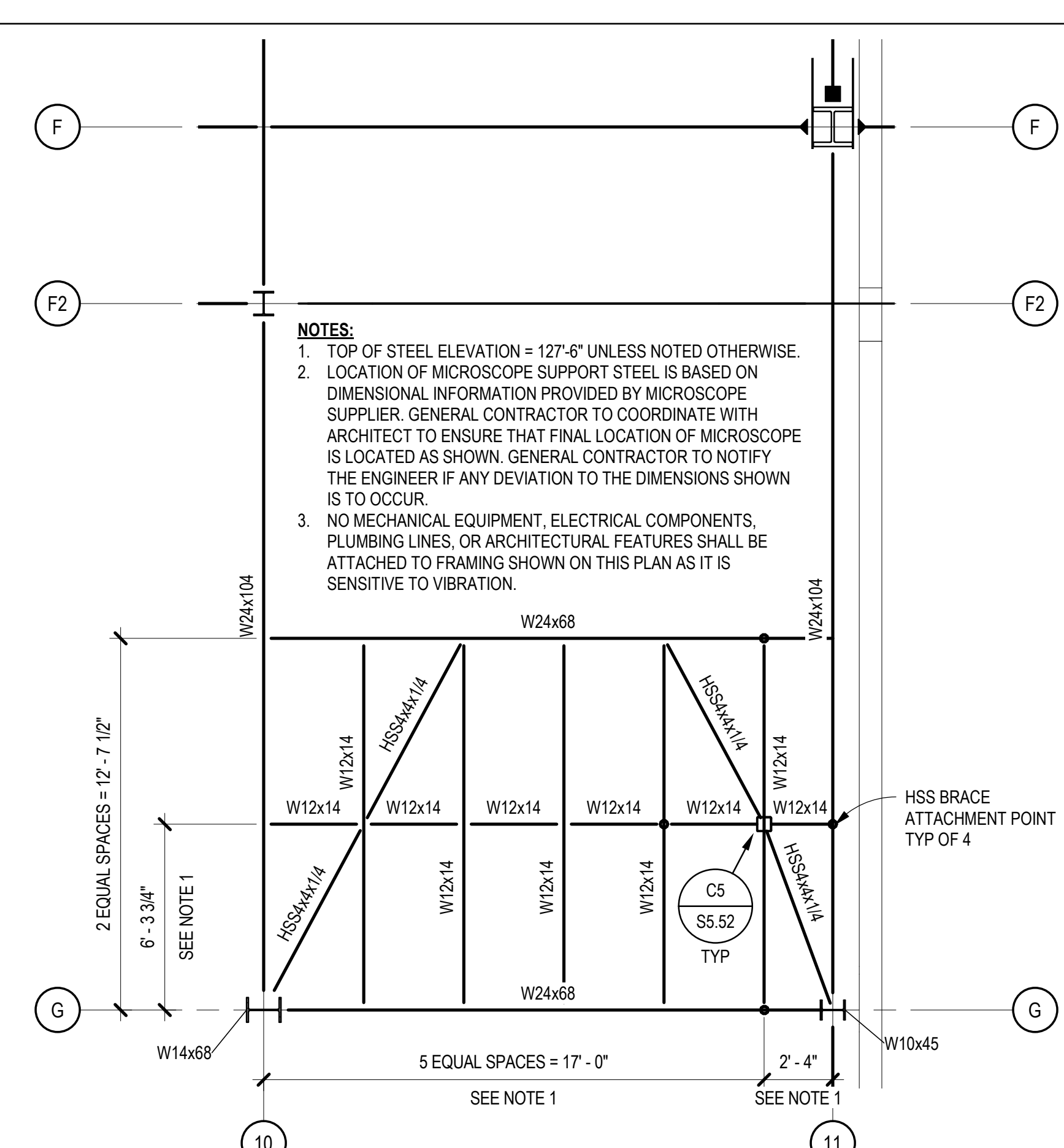
C1 ENLARGED WEST STAIR FRAMING PLAN TO MEZZANINE
SCALE: 1/4" = 1'-0"



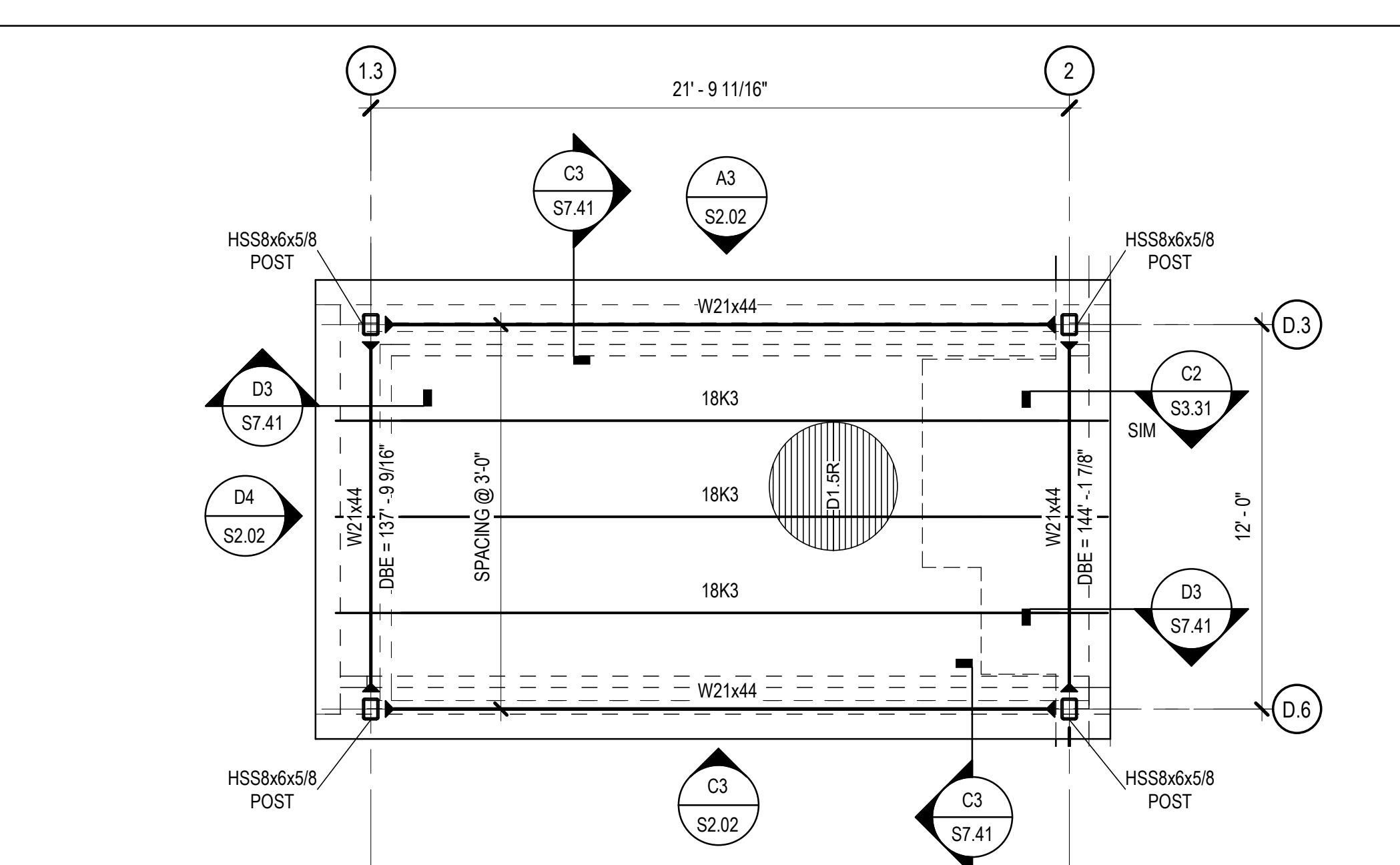
B1 ENLARGED WEST STAIR FRAMING PLAN
SCALE: 1/4" = 1'-0"



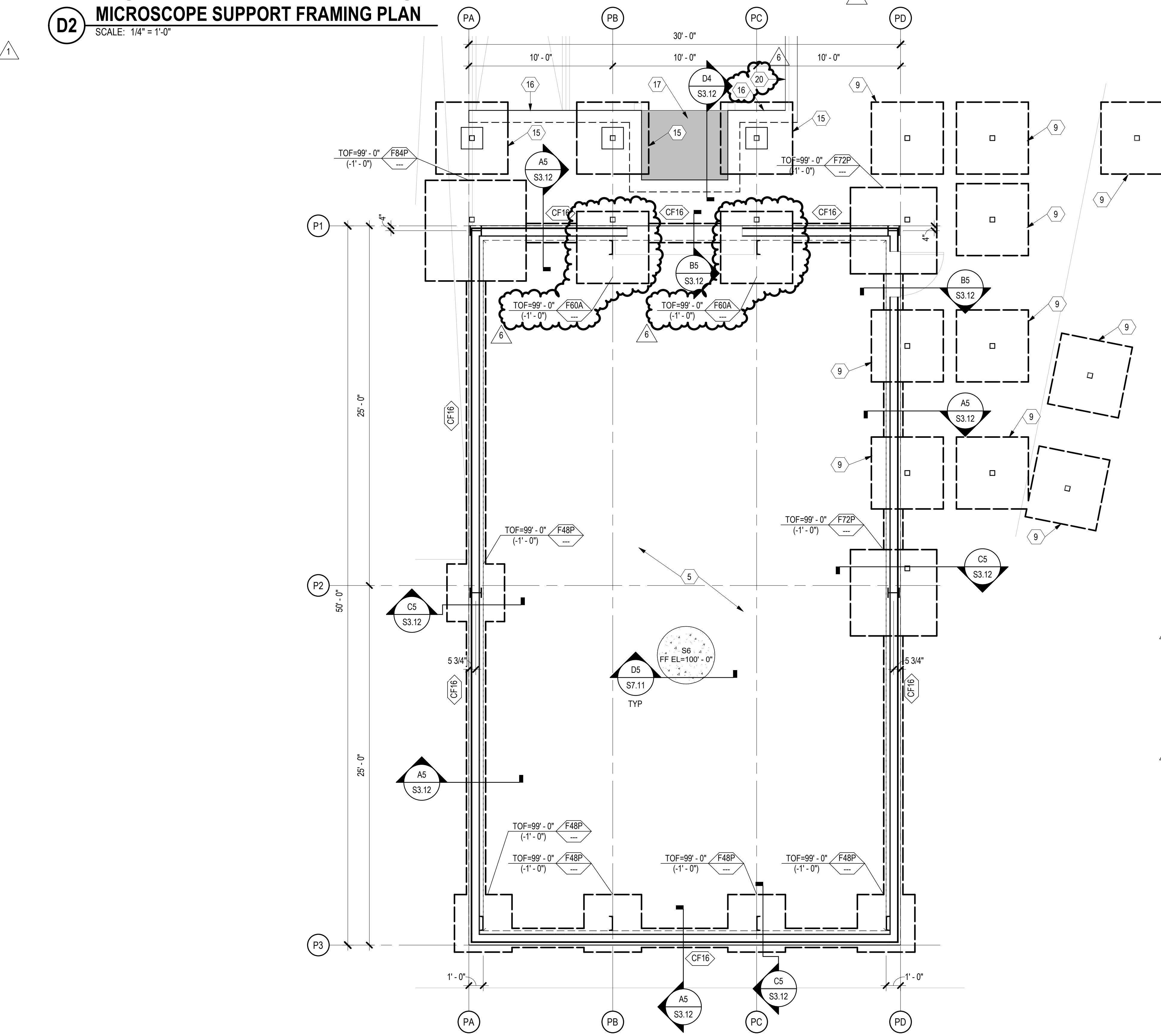
A1 ENLARGED EAST STAIR FRAMING PLAN
SCALE: 1/4" = 1'-0"



D2 MICROSCOPE SUPPORT FRAMING PLAN
SCALE: 1/4" = 1'-0"



D4 ENLARGED PLAN - WEST ROOF POP-UP
SCALE: 1/4" = 1'-0"



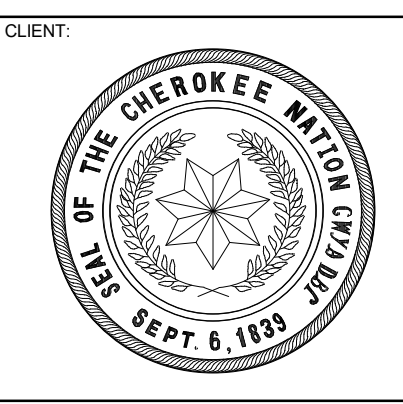
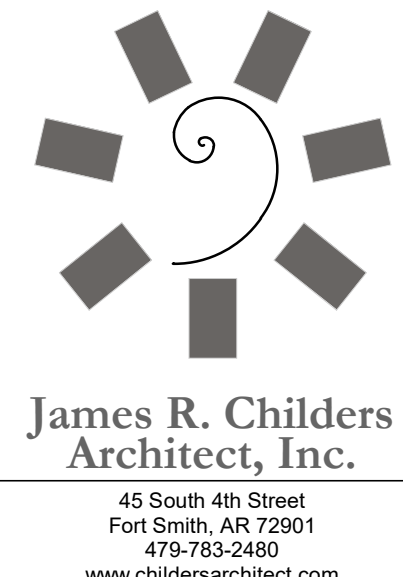
A3 ENLARGED PLAN - PEMB FOUNDATION
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

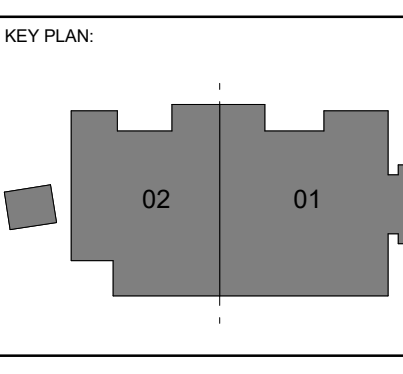
- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.
- REFERENCE FINISH FLOOR ELEVATION 100'-0" = MEAN SEA FINISH FLOOR ELEVATION. SEE CIVIL DRAWINGS.
- TOP OF FOOTING ELEVATION = 98'-0" (-2'-0"), UNLESS NOTED OTHERWISE ON PLAN.
- NOTE TO CONTRACTOR: ENLARGED SLAB BLOCKOUTS MAY BE REQUIRED AT FRAME COLUMNS FOR MOMENT FRAME BASE PLATE CLEARANCE.
- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES.
- DIMENSIONS ARE TO THE FACE OF STUD UNLESS NOTED OTHERWISE.
- SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- EXISTING CONSTRUCTION IS PER AVAILABLE EXISTING DRAWINGS. ALL EXISTING CONSTRUCTION AND DIMENSIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. SHOULD CONDITIONS VARY FROM THOSE SHOWN, CONTACT ENGINEER BEFORE PROCEEDING.
- PROVIDE SLAB JOINTS AT 10'-0" ON CENTER MAXIMUM. THE AREA OF THE CONTROL JOINT SHALL NOT EXCEED A 2:1 RATIO. CONTROL JOINTS SHALL BE LOCATED AT COLUMN LINES WHERE THE LAYOUT PERMITS. AT RE-ENTRANT CORNERS THAT DO NOT HAVE CONTROL JOINTS, PROVIDE 2-#4 x 3'-0" DIAGONAL TO THE RE-ENTRANT CORNER.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 6" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE SHEET S7.00 SERIES SHEETS FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.
- SEE SHEET S6.01 FOR SCHEDULES.

SHEET KEYNOTE

- FLOOR DRAIN, SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- POST AND FOUNDATION AS REQUIRED FOR STAIR SUPPORT. STAIR ENGINEER TO PROVIDE REQUIRED LOADS AND LOCATIONS.
- ELEVATOR SUMP PIT. COORDINATE EXACT SIZE AND LOCATION WITH ELEVATOR MANUFACTURER. SEE A4 / S5.41
- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41
- PRE-ENGINEERED METAL BUILDING STEEL AND ANCHORAGE BY OTHERS. CONTRACTOR TO CONFIRM LOCATIONS OF FOUNDATIONS WITH FINAL PRE-ENGINEERED METAL BUILDING SHOP DRAWINGS.
- NOTCH MASONRY AS REQUIRED TO FACILITATE BASEPLATE INSTALLATION. STEP BOND BEAM AT THIS LOCATION. FILL VOID FROM NOTCH WITH NON-SHRINK GROUT.
- CUT AND REMOVE EXISTING SLAB AS REQUIRED TO PLACE NEW FOOTING. NEW SLAB TO POUR UP TO REMAINING SLAB.
- CENTER FOOTING ON GRID C.
- F80A PRE-MANUFACTURED SUNSHADE CONCRETE FOOTING. TOP OF FOOTING = 99'-0" (+1'-0"). SEE SHEET S6.01 FOR FOOTING SCHEDULE. COORDINATE FINAL LOCATION WITH SUNSHADE MANUFACTURER.
- EXISTING CANOPY. SEE ARCHITECTURAL DEMOLITION PLANS FOR EXTENT OF DEMOLITION.
- HSS8x6x1/2 ELEVATOR SUPPORT POST. COORDINATE EXACT LOCATION AND SPACING WITH ELEVATOR MANUFACTURER. SEE B4 / S5.41, D3 / S5.41, A2 / S5.41, B2 / S5.41, AND C2 / S5.41
- 1 1/2" RECESSED SLAB AT ADA SHOWER. COORDINATE EXACT SIZE, LOCATION, AND SLOPE REQUIREMENTS WITH ARCHITECTURAL DRAWINGS. SEE C4 / S7.11
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE C3 / S3.11 AND B1 / S3.31
- 18" DIAMETER PRECAST CONCRETE CANOPY COLUMN BY OTHERS. SEE C3 / S3.11, C4 / S3.12, A1 / S3.31, AND A5 / S3.31
- F80A PRE-MANUFACTURED SUNSHADE CONCRETE FOOTING WITH 18" SQUARE CONCRETE PEDESTAL. TOP OF FOOTING ELEVATION TO MATCH TOP OF FOOTING ELEVATION OF SITE RETAINING WALL. SEE SHEET S6.01 FOR FOOTING SCHEDULE. SEE B3 / S3.12 FOR PEDESTAL DETAIL. ANCHORAGE AND SUPPLEMENTAL ANCHOR REINFORCEMENT FOR PRE-MANUFACTURED CANOPY TO BE PROVIDED BY MANUFACTURER.
- SITE RETAINING WALL. SEE D2 / S3.11
- DOCK LEVELER. SEE ARCHITECTURAL FOR EXACT LOCATION AND DIMENSIONS.
- 18" DIAMETER PRECAST CONCRETE COLUMN BY OTHERS. SEE D2 / S3.12 AND B1 / S3.31
- SEE C3 / S3.12 FOR SUPPORT OF CONTINUOUS FOOTING.
- SITE RETAINING WALL. SEE B2 / S3.12. SEE CIVIL DRAWINGS FOR EXTENT.



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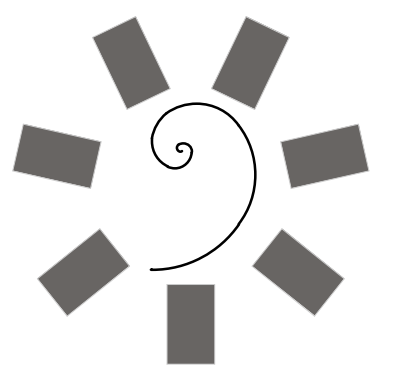
PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS
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2	12/19/19	BID PACKAGE 01 - ADD 02
3	04/16/20	BID PACKAGE 01 - ASB 03

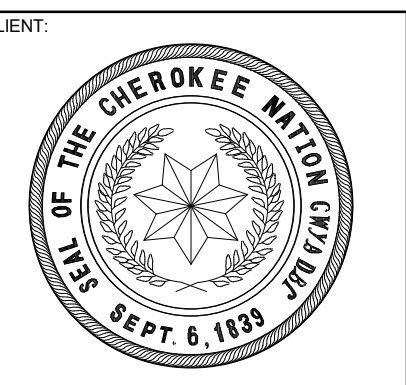
DATE: 11/01/19
JOB NUMBER: 18-01.01

SHEET NUMBER:
S4.01

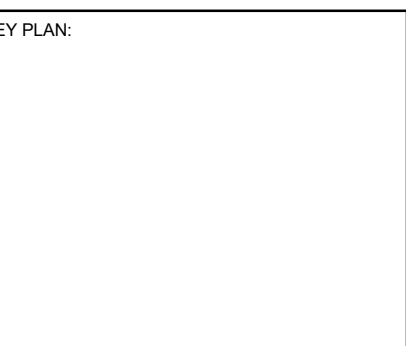
ENLARGED PLANS



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PROJECT PHASE:
BID PACKAGE 01

#	DATE	REVISIONS	DESCRIPTION
1	11/02/19	BID PACKAGE 01 - ADD 01	
2	04/16/20	BID PACKAGE 01 - ADD 02	

DATE: 11/01/19 JOB NUMBER: 18-01.01

SHEET NUMBER:

S6.01

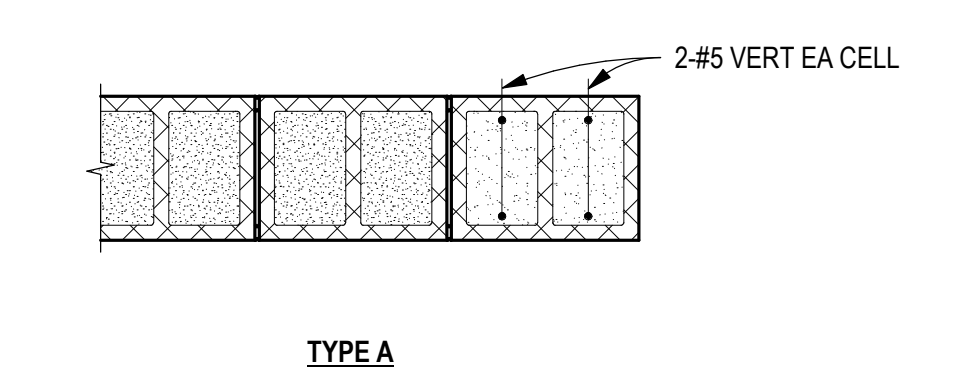
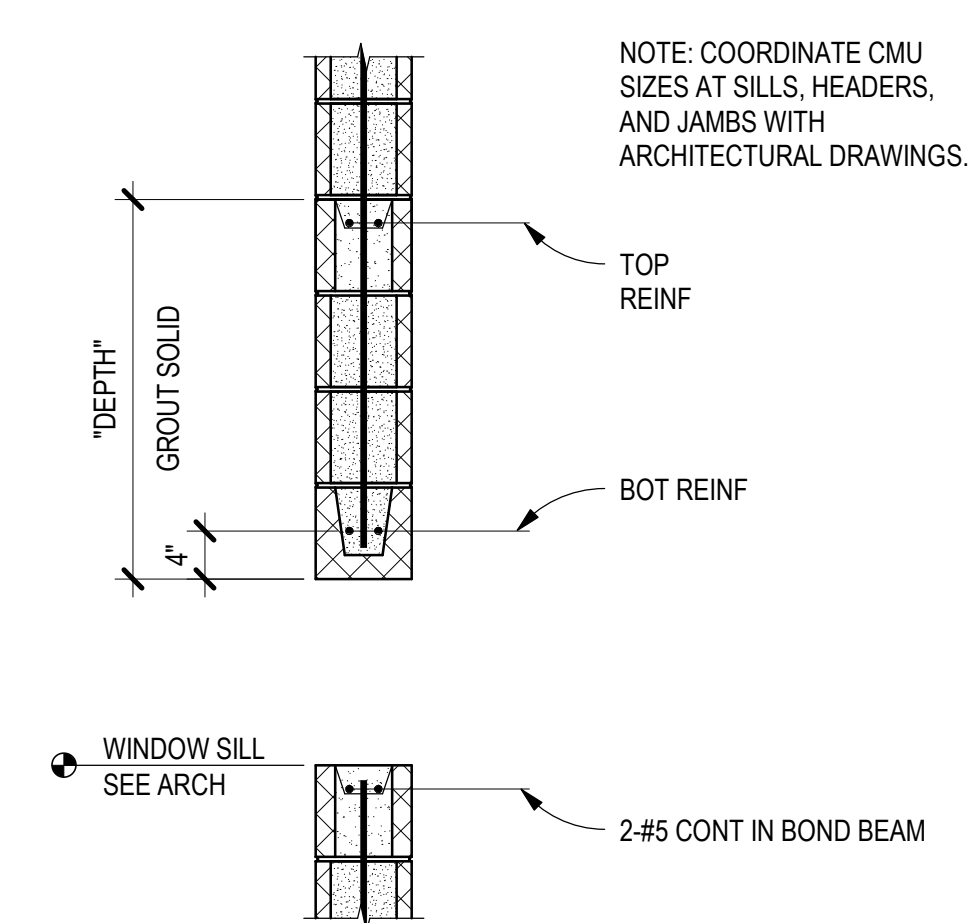
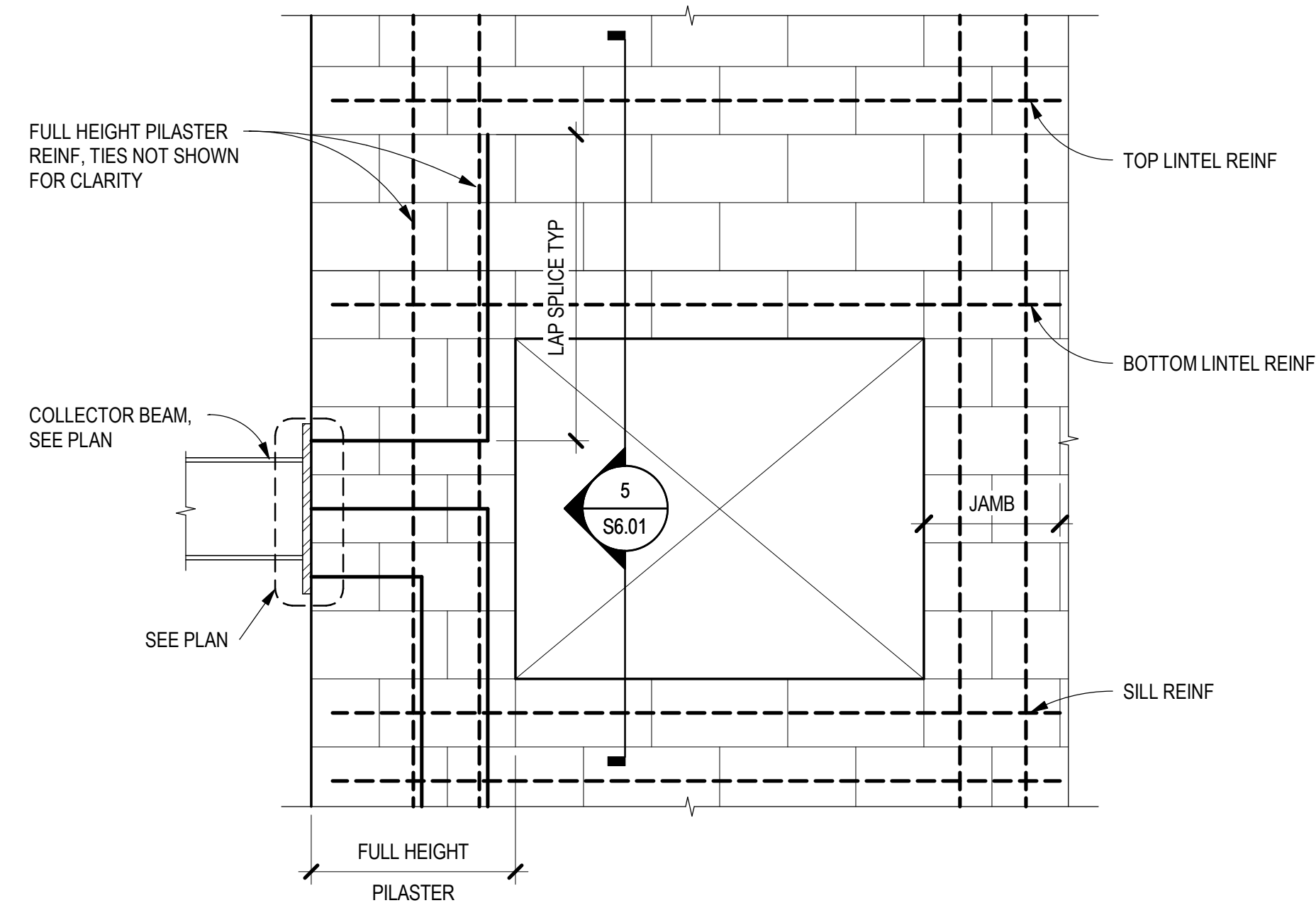
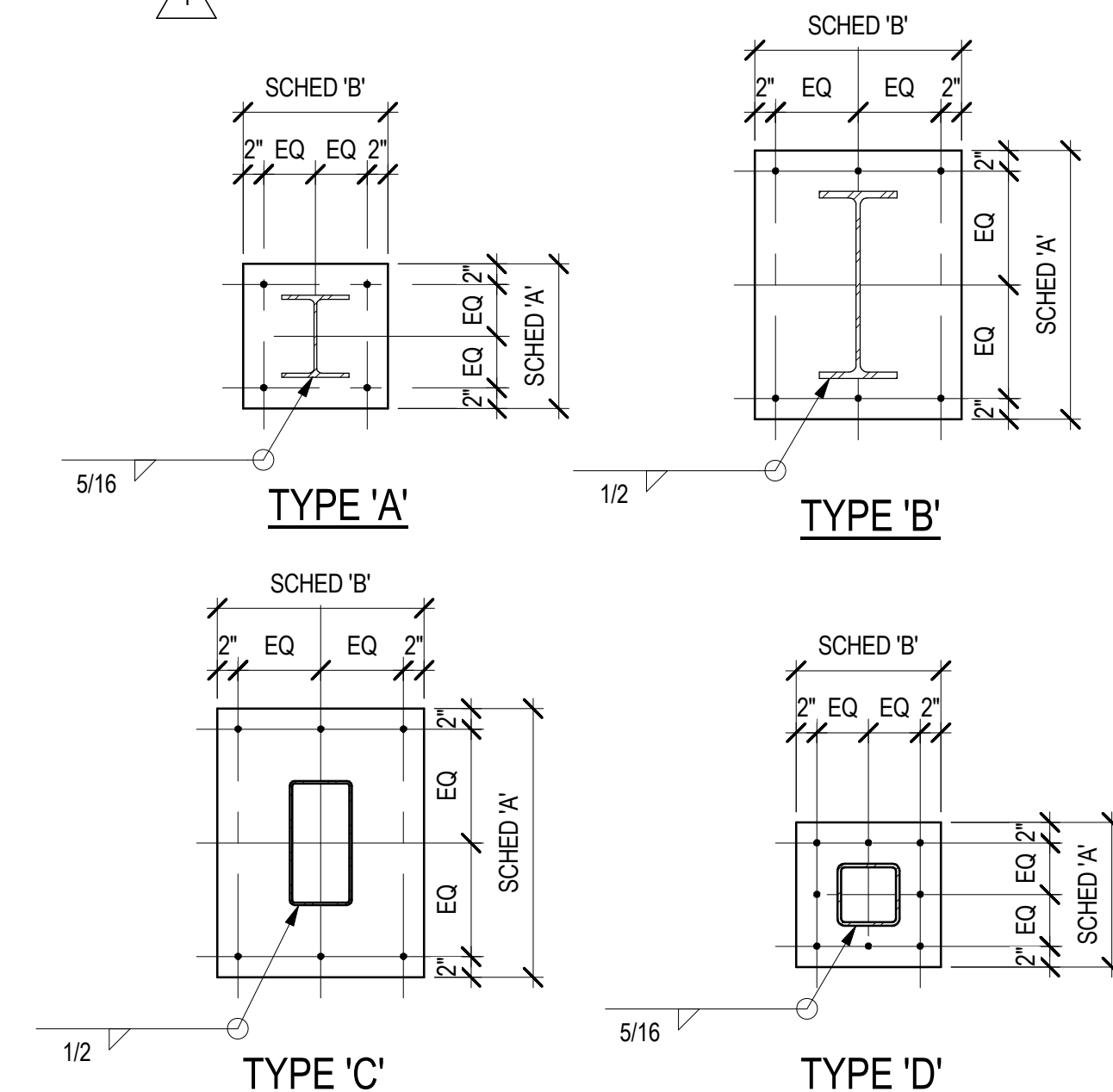
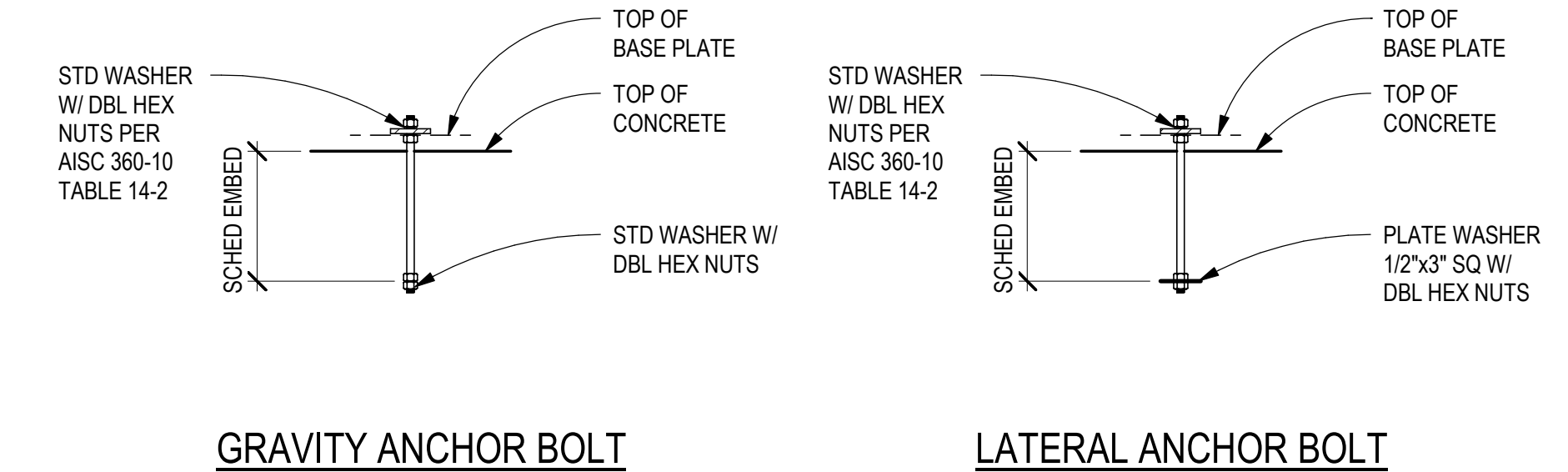
SCHEDULES

CMU LINTEL SCHEDULE						
OPENING WIDTH	WIDTH	DEPTH	LINTEL REINFORCING		SILL REINFORCING	LINTEL JAMB TYPE
			TOP	BOTTOM		
0'-0" - 8'-0"	12"	32"	2-#5	2-#5	8"	2-#5
						TYPE A

DECK SCHEDULE													
MARK	COMPOSITE SLAB	SLAB			METAL DECK			DECK ATTACHMENTS			TOTAL SLAB / DECK THICKNESS	COMMENTS	
		THICK	MATL	REINFC	THICK	TYPE	GAGE	FINISH	ATTACH PERP TO RIBS	ATTACH PARALLEL TO RIBS			ATTACH SIDELAPS
D15R	X	3"	NW CONC	6x6 - W2.1xW2.1 WELD WIRE FABRIC IN FLAT SHEETS	1 1/2"	HSB	20	GALVANIZED	7-5/8" DIA PUDDLE WELDS PER 36" WIDE SHEET	5/8" DIA PUDDLE WELDS @ 6" OC	#10 SCREWS @ 9" OC	1 1/2"	
D6F	X	3"	NW CONC	6x6 - W2.1xW2.1 WELD WIRE FABRIC IN FLAT SHEETS	3"	VLI	18	GALVANIZED	4-5/8" DIA PUDDLE WELDS PER 36" WIDE SHEET	5/8" DIA PUDDLE WELDS @ 12" OC	#10 SCREWS @ 9" OC	6"	

SLAB-ON-GRADE SCHEDULE					
MARK	THICKNESS	MATL	REINFORCING	BEARING STRATA	COMMENTS
S6	6"	CONC	#4 @ 12" OC EA WAY	15 MIL VAPOR RETARDER OVER 1/2" SAND BLOTTER LAYER OVER 4" COMPACTED GRANULAR FILL OVER 14" OF COMPACTED STRUCTURAL FILL OVER COMPACTED SUBGRADE. SUBGRADE WILL BE PLACED WITH LASER LEVEL	PREPARE SUBGRADE AND STRUCTURAL FILL PER GEOTECHNICAL REPORT

BASE PLATE SCHEDULE					
MARK	TYPE	SIZE	ANCHOR BOLTS		
			F1554	TYPE	TYPE
BP1	A	PL 1 1/4"x18"x1-6"	4- 3/4" DIA x 9"	GRAVITY	
BP2	A	PL 1 3/4"x18"x1-6"	4- 3/4" DIA x 9"	GRAVITY	
BP3	A	PL 1 3/4"x20"x1-8"	4- 3/4" DIA x 9"	GRAVITY	
BP4	A	PL 1 3/4"x22"x1-10"	6- 1" DIA x 18"	GRAVITY	
BP5	A	PL 3/4"x14"x1-2"	4- 3/4" DIA x 9"	GRAVITY	
BP6	B	PL 1 3/4"x20"x1-8"	6- 1" DIA x 18"	LATERAL	
BP7	B	PL 1 3/4"x22"x1-8"	6- 1" DIA x 18"	LATERAL	
BP8	C	PL 1 1/4"x20"x1-4"	6- 1" DIA x 18"	LATERAL	
BP9	D	PL 3/4"x14"x1-2"	4- 3/4" DIA x 9"	LATERAL	
BP10	D	PL 1"x18"x1-6"	8- 3/4" DIA x 9"	LATERAL	



NOTE: SEE TYPICAL CMU PLAN DETAILS SHEET S7.21 FOR TYPICAL HORIZONTAL REINFORCING REQUIREMENTS.

WALL SCHEDULE						
MARK	VENEER	WALL	REINFORCING			COMMENTS
			VERTICAL	HORIZONTAL	GRADE	
WC8	--	8" CONC	#4 @ 12" OC	#4 @ 12" OC	A615	
WC10	--	10" CONC	#4 @ 12" OC	#4 @ 12" OC	A615	
WC12	SEE ARCH	12" CONC	#5 @ 12" OC EA FACE	#5 @ 12" OC EA FACE	A615	
WM12	SEE ARCH	12" CMU	#7 @ 16" OC EA FACE	#5 @ 24" OC EA FACE & STD LADDER TYPE JOINT REINF @ 15" OC	A615	GROUT ALL CELLS SOLID. SEE 7.21 FOR MASONRY DETAILS. D4S7.21 FOR HORIZONTAL REINFORCEMENT LOCATION

REINFORCEMENT TYPE	REQUIRED LAP SPICES ACI 318-14/IBC 2015					MINIMUM LENGTH (IN)	COMMENTS
	#6 AND SMALLER (#6)	#7 THROUGH #11 (#6)	3000PSI	4000PSI	5000PSI		
CONTINUOUS WALL FOOTINGS AND HORIZONTAL REINFORCEMENT IN SITE WALLS	30	30	30	30	30	18	
CONCRETE WALLS: ALL VERTICAL REINFORCEMENT	44	38	34	55	48	43	12
CONCRETE WALLS: ALL HORIZONTAL REINFORCEMENT, EXCLUDING SITE WALLS AND STEM WALLS	57	50	45	72	62	56	12
CONCRETE COLUMNS	44	38	34	55	48	43	12
TOP FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND COMBINED COLUMN FOOTINGS	57	50	45	72	62	56	12
BOTTOM FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND COMBINED COLUMN FOOTINGS	44	38	34	55	48	43	12
MINIMUM EMBEDMENT OF STANDARD HOOKS INTO CONCRETE	22	19	17	22	19	17	6
SLABS ON GRADE	30	30	30	30	30	30	12
SLABS ON METAL DECK	30	30	30	30	30	30	12

NOTES:
 * LAP SPICES SHALL NOT BE PERMITTED FOR BARS LARGER THAN #11.
 * LAP SPICES FOR BUNDLED BARS SHALL BE IN ACCORDANCE WITH ACI 318-14 SECTION 25.5.1.4
 * LAP LENGTHS FOR LIGHTWEIGHT CONCRETE SHALL BE INCREASED BY 33%
 * LAP LENGTHS FOR EPOXY COATED BARS SHALL BE INCREASED BY 50%
 * FOR INTERMEDIATE OR LARGER VALUES OF F_c, USE THE CLOSEST LOWER VALUE IN THE TABLE. DO NOT INTERPOLATE

MASONRY LAP SPICES (#6) ACI 530-13/IBC 2015								
	#3	#4	#5	#6	#7	#8	#9	
8" BLOCK WITH 1-LAYER OF REINFORCEMENT	32	40	51	72	N/A	N/A	N/A	
8" BLOCK WITH 1-LAYER OF REINFORCEMENT	32	29	36	58	68	72	N/A	
8" BLOCK WITH 2-LAYERS OF REINFORCEMENT	51	68	72	72	N/A	N/A	N/A	
12" BLOCK WITH 1-LAYER OF REINFORCEMENT	32	24	23	37	43	57	65	
12" BLOCK WITH 2-LAYERS OF REINFORCEMENT	51	68	72	72	72	N/A	N/A	
16" BLOCK WITH 1-LAYER OF REINFORCEMENT	32	24	23	30	32	42	48	
16" BLOCK WITH 2-LAYERS OF REINFORCEMENT	51	68	72	72	72	72	72	

BARS LARGER THAN #9 SHALL BE SPICED USING MECHANICAL CONNECTIONS

SPOT FOOTING SCHEDULE						
MARK	WIDTH	SIZE		REINFORCING		COMMENTS
		LENGTH	DEPTH	REINFORCING	GRADE	
F48	4'-0"	4'-0"	1'-0"	4- #5 EA WAY BOT	A615	
F48P	4'-0"	4'-0"	1'-0"	4- #5 EA WAY BOT	A615	
F60	5'-0"	5'-0"	1'-6"	5- #6 EA WAY BOT	A615	
F60A	5'-0"	5'-0"	2'-0"	6- #6 EA WAY TOP & BOT	A615	
F72	6'-0"	6'-0"	1'-6"	6- #6 EA WAY BOT	A615	
F72A	6'-0"	6'-0"	2'-0"	8- #6 EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F72B	6'-0"	6'-0"	1'-6"	6- #6 EA WAY BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F72C	6'-0"	6'-0"	1'-6"	6- #6 EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F84	7'-0"	7'-0"	2'-0"	9- #6 EA WAY BOT	A615	
F84A	7'-0"	7'-0"	2'-0"	9- #6 EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F84P	7'-0"	7'-0"	2'-0"	9- #6 EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F96	8'-0"	8'-0"	2'-0"	7- #7 EA WAY BOT	A615	
F96A	8'-0"	8'-0"	2'-0"	7- #7 EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS
F276	23'-0"	21'-0"	2'-9"	#5 @ 9" OC EA WAY TOP & BOT	A615	TOP BARS TO HAVE STD HOOKS AT ENDS

CONTINUOUS FOOTING SCHEDULE						
MARK	WIDTH	DEPTH	REINFORCING		COMMENTS	
			CONTINUOUS	TRANSVERSE		
CF16	4'-0"	1'-0"	3- #4	#4 @ 48" OC		
CF18	1'-6"	1'-0"	3- #4	#4 @ 48" OC		
CF24	2'-0"	1'-0"	3- #4	#4 @ 48" OC		
CF24B	2'-0"	1'-0"	3- #4 TOP & BOT	#4 @ 48" OC TOP & BOT		
CF36	3'-0"	1'-0"	4- #4	#4 @ 24" OC		
CF48	4'-0"	1'-0"	4- #5 TOP & BOT	#5 @ 12" OC TOP & BOT		
CF60	7'-0"	2'-9"	6- #6	#6 @ 9" OC	TOP BARS TO HAVE STD HOOKS AT ENDS	