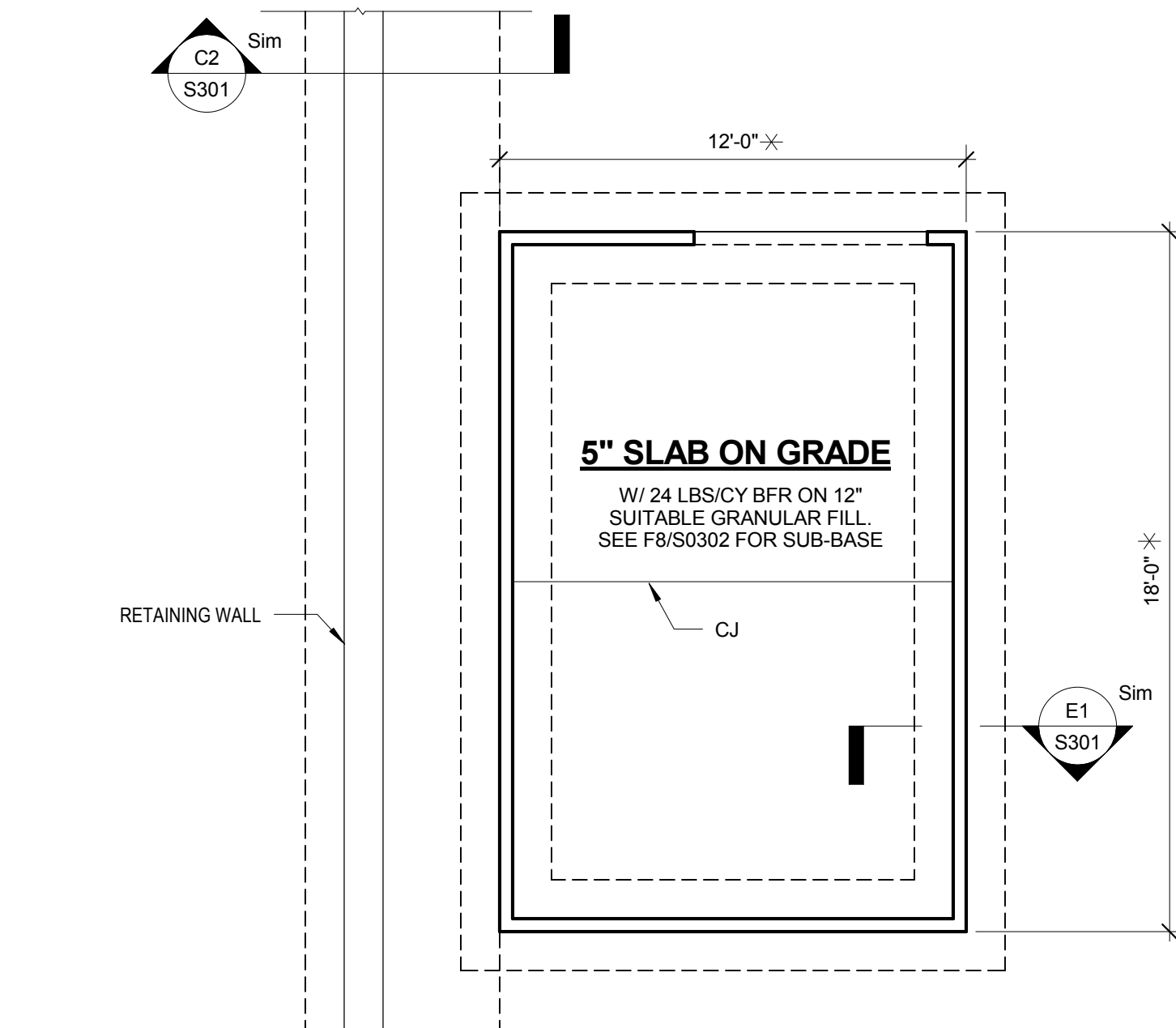
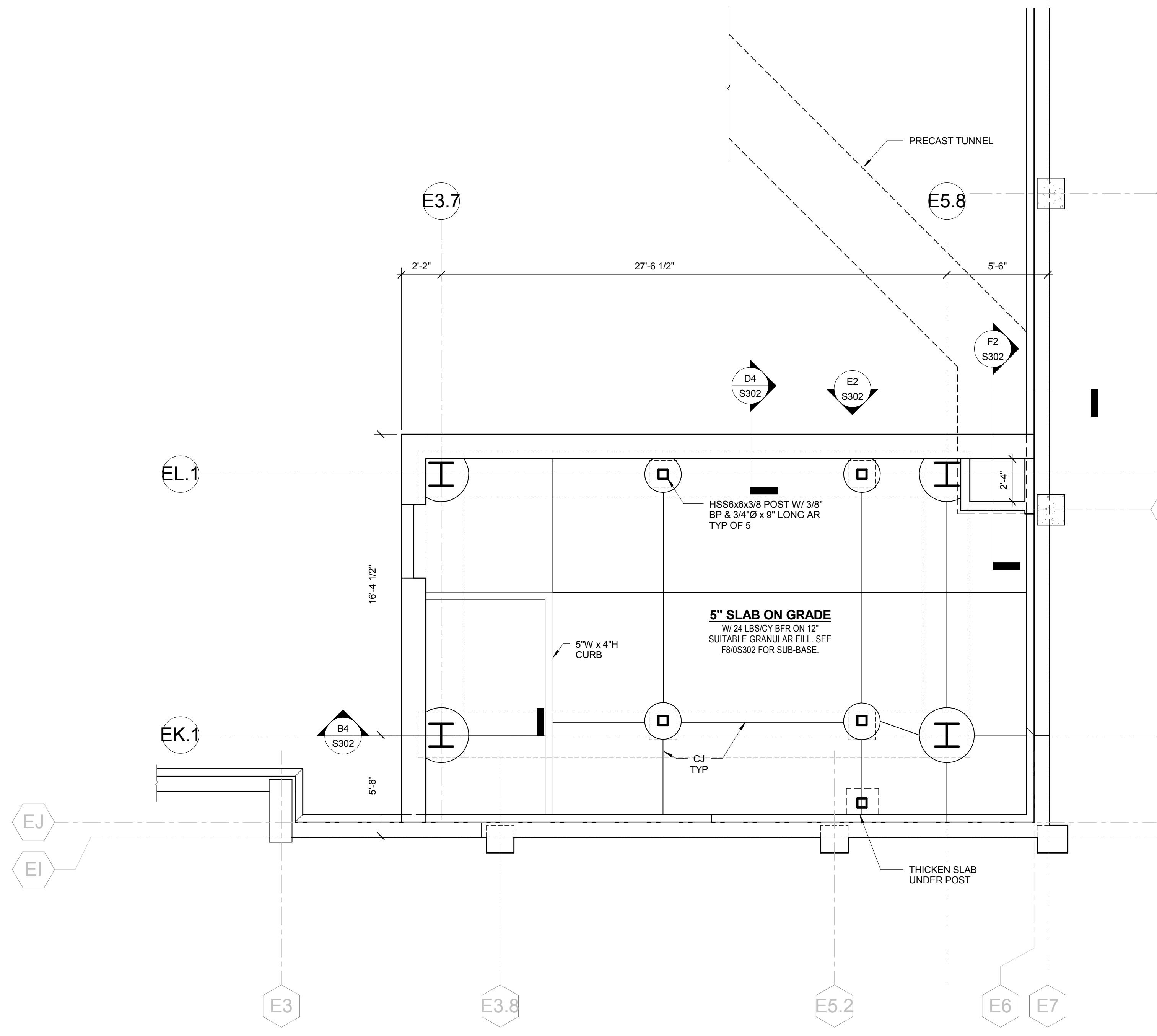


three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot
three-quarters inch = one foot
one-half inch = one foot
one and one-half inch = one foot
three inches = one foot
one inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

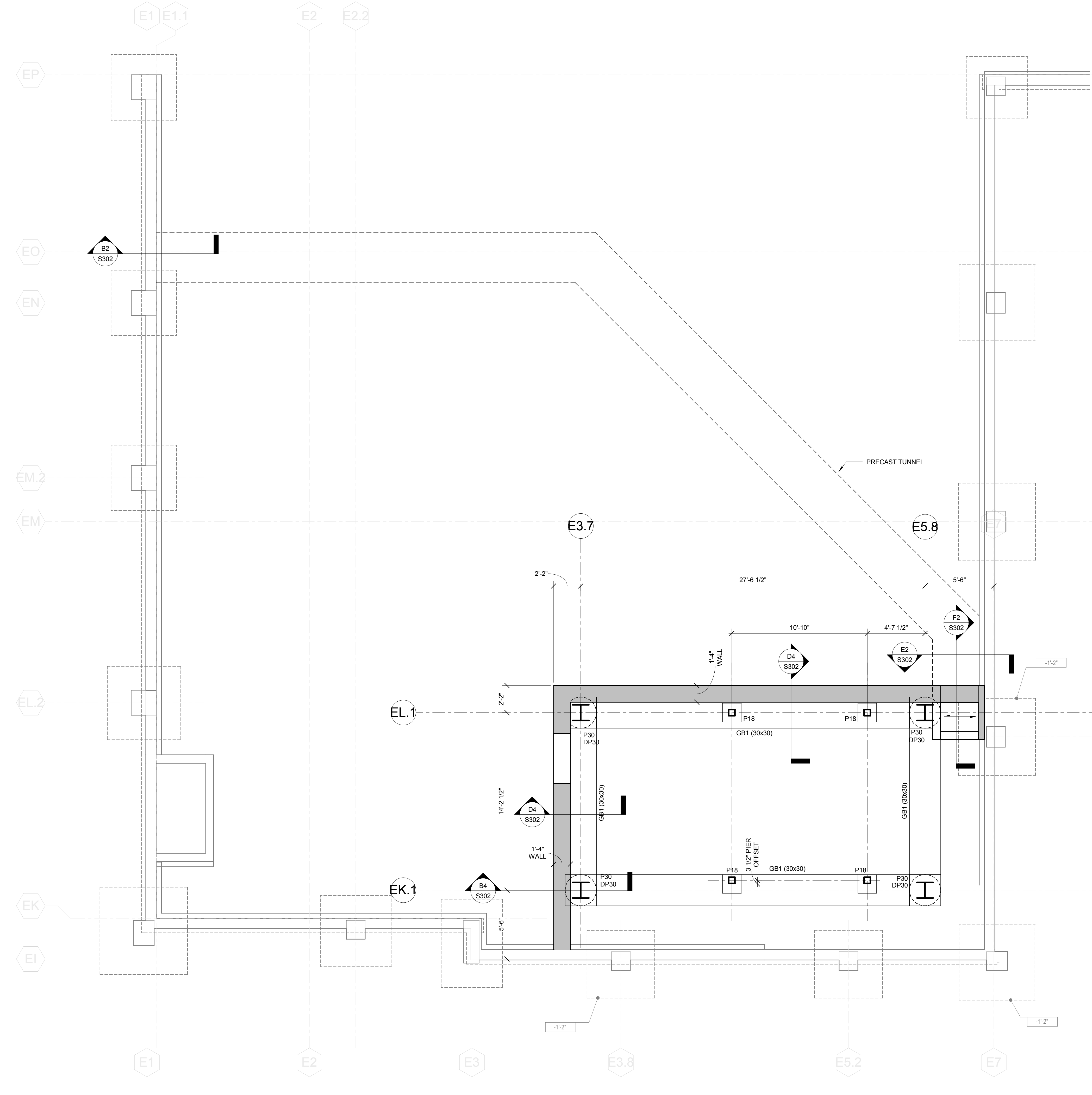


B2 SMOKE SHED FOUNDATION PLAN
1/4" = 1'-0"



F4 GROUND FLOOR PLAN
1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S001.
 - TOP OF SLAB ELEVATION +5'-6" UNLESS NOTED OTHERWISE.
 - 1'-0" FROM ELEVATION 0'-0".
- * INDICATES DIMENSIONS TO BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT.



F8 FOUNDATION PLAN
1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S001.
- TOP OF PIER 4'-6" UNLESS NOTED THUS.
- DP - AND P - INDICATE DRILLED PIER AND PIER MARKS. SEE SCHEDULE ON S301 FOR FURTHER INFORMATION. TDRILLED PIER +1'-6" UNLESS OTHERWISE NOTED.
- TP - INDICATES GRADE BEAM. SEE SCHEDULE ON S301 FOR FURTHER INFORMATION. TOP OF GRADE BEAM +1'-6" UNLESS OTHERWISE NOTED.
- GB - INDICATES GRADE BEAM. SEE SCHEDULE ON S301 FOR FURTHER INFORMATION. TOP OF GRADE BEAM +1'-6" UNLESS OTHERWISE NOTED.
- * INDICATES DIMENSIONS TO BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT.
- INDICATES TOP OF EXISTING FOOTING ELEVATION. THESE ELEVATIONS ARE ASSUMED FROM RECORD DRAWINGS AND SHOULD BE CONSIDER APPROXIMATE. VERIFY IN FIELD.

NOTE:
CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY EXISTING DIMENSIONS, FLOOR ELEVATIONS, AND FLOOR-TO-FLOOR HEIGHTS BEFORE ORDERING, FABRICATING, OR DETAILING STRUCTURAL COLUMNS AND HORIZONTAL FRAMING. THIS INFORMATION MUST BE CONFIRMED AT ALL LOCATIONS WHERE NEW FLOORS MEET EXISTING.

ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
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DESIGN DEVELOPMENT - 60% SUBMISSION (2ND)	10/05/12
DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)	08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11
Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM
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Victoria • San Francisco • Los Angeles • Shanghai
Architect
CANNON PROJECT #: 3526.00
stamp

Cardiology Manager
Infection Control
Safety Officer
Date
Date
Date
Engineering Manager
Caroline Manager
Chief of Staff
Date
Date
Date

Drawing Title
FOUNDATION, GROUND FLOOR FRAMING PLANS
Project Title
WARD C RENOVATIONS
Building Number
1
Checked
BA
Drawn
TC
Location
V.A.M.C. BATAVIA, NEW YORK
Date
09/09/11
Station No.
5284
353
S101

Medical Center Director
Associate Medical Center Director
Date
Date

Office of Facilities
Department of Veterans Affairs

FULLY SPRINKLERED

one-eighth inch = one foot
one-quarter inch = one foot
three-eighths inch = one foot
one-half inch = one foot
three-quarters inch = one foot
one inch = one foot
one and one-half inch = one foot
three inches = one foot

F1 ROOF FRAMING PLAN

1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S0001
- TOP OF SLAB ELEVATION +50'-6" UNLESS NOTED OTHERWISE
- TOP OF STEEL ELEVATION +49'-11 1/2" UNLESS NOTED OTHERWISE ON PLAN
- FD0 - INDICATES SPAN DIRECTION OF COMPOSITE FLOOR SLAB
- SEE SCHEDULE ON DRAWING S503 FOR SLAB REQUIREMENTS
- INDICATES SPANDREL BRACE LOCATIONS - SEE S501
- INDICATES SLAB/DECK OPENING, SET EDGE OF SLAB AT 6"
- UNLESS NOTED OTHERWISE, SEE DRAWING S503 FOR BEAM SIZES IF NOT INDICATED ON PLAN
- INDICATES DIMENSIONS TO BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT

F5 THIRD FLOOR FRAMING PLAN

1/4" = 1'-0"

- FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWING S0001
- TOP OF SLAB ELEVATION +37'-6" UNLESS NOTED OTHERWISE
- TOP OF STEEL ELEVATION +36'-11 1/2" UNLESS NOTED OTHERWISE ON PLAN
- FD0 - INDICATES SPAN DIRECTION OF COMPOSITE FLOOR SLAB
- SEE SCHEDULE ON DRAWING S503 FOR SLAB REQUIREMENTS
- INDICATES SPANDREL BRACE LOCATIONS - SEE S501
- INDICATES SLAB/DECK OPENING, SET EDGE OF SLAB AT 6"
- UNLESS NOTED OTHERWISE, SEE DRAWING S503 FOR BEAM SIZES IF NOT INDICATED ON PLAN
- INDICATES DIMENSIONS TO BE COORDINATED DURING CONSTRUCTION WITH APPROVED EQUIPMENT

FULLY SPRINKLERED

ALTERNATE No. 4	07/01/14
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DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)	08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11
Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM
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Architect CANNON PROJECT #: 3526.00

stamp

CARDIOLOGY MANAGER

DATE

ENGINEERING MANAGER

DATE

INFECTION CONTROL

DATE

CARELINE MANAGER

DATE

SAFETY OFFICER

DATE

CHIEF OF STAFF

DATE

Drawing Title
THIRD FLOOR AND ROOF FRAMING PLANS

MEDICAL CENTER DIRECTOR

DATE

ASSOCIATE MEDICAL CENTER DIRECTOR

DATE

Project Title
WARD C RENOVATIONS

Building Number

1

Checked

BA

Drawn

TC

Location
V.A.M.C. BATAVIA, NEW YORK

Date
09/09/11

Station No.
5284

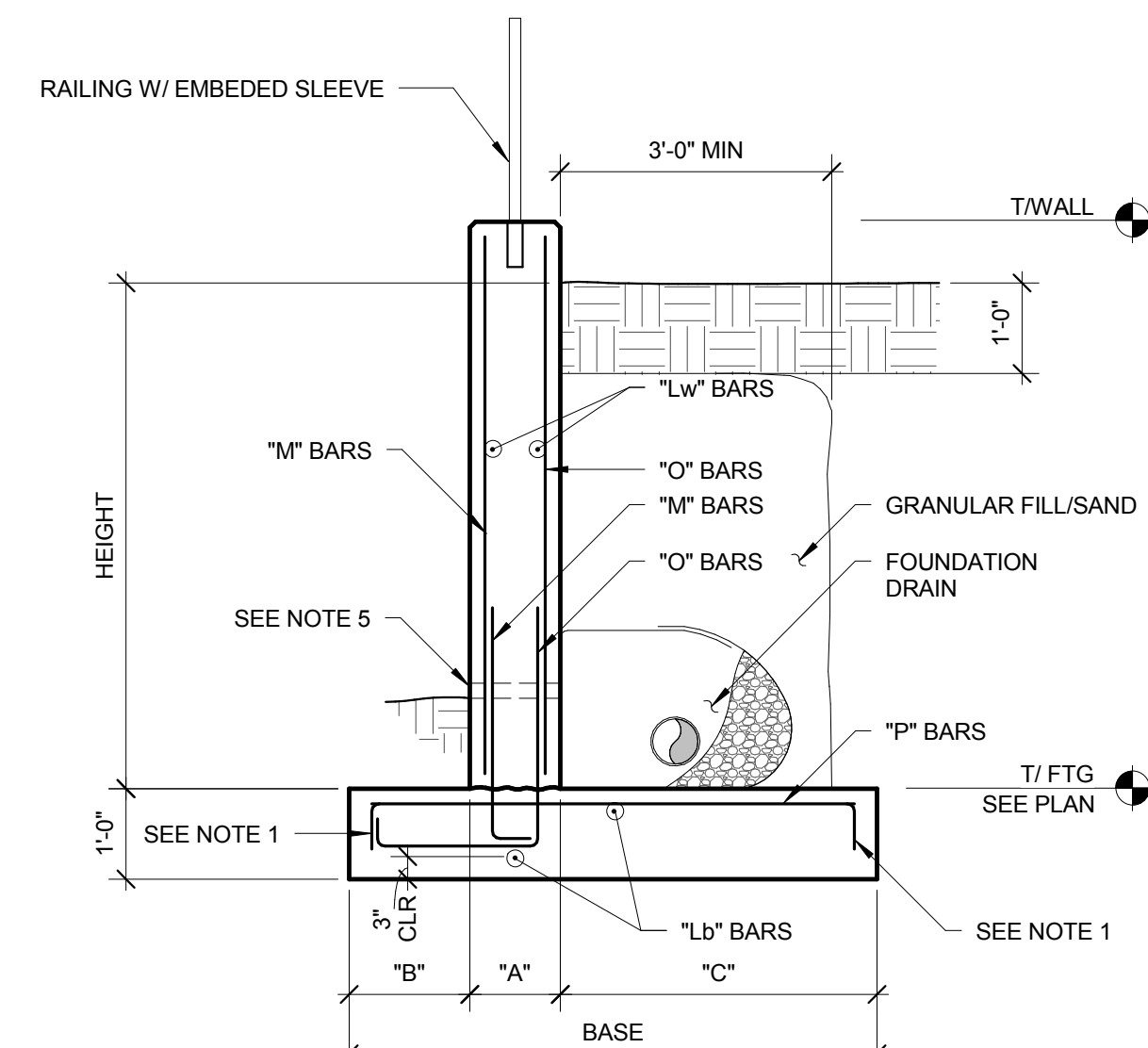
353

S103



Department of Veterans Affairs

RETAINING WALL SCHEDULE								
HEIGHT	BASE	"B"	"A"	"C"	"O" BARS	"P" BARS	"Lw" BARS	"M" BARS
UP TO 6'-0"	4'-10"	1'-0"	10"	3'-0"	#5@9"	#5@12" **	#5@18"	#5@9"
							#5@12"	



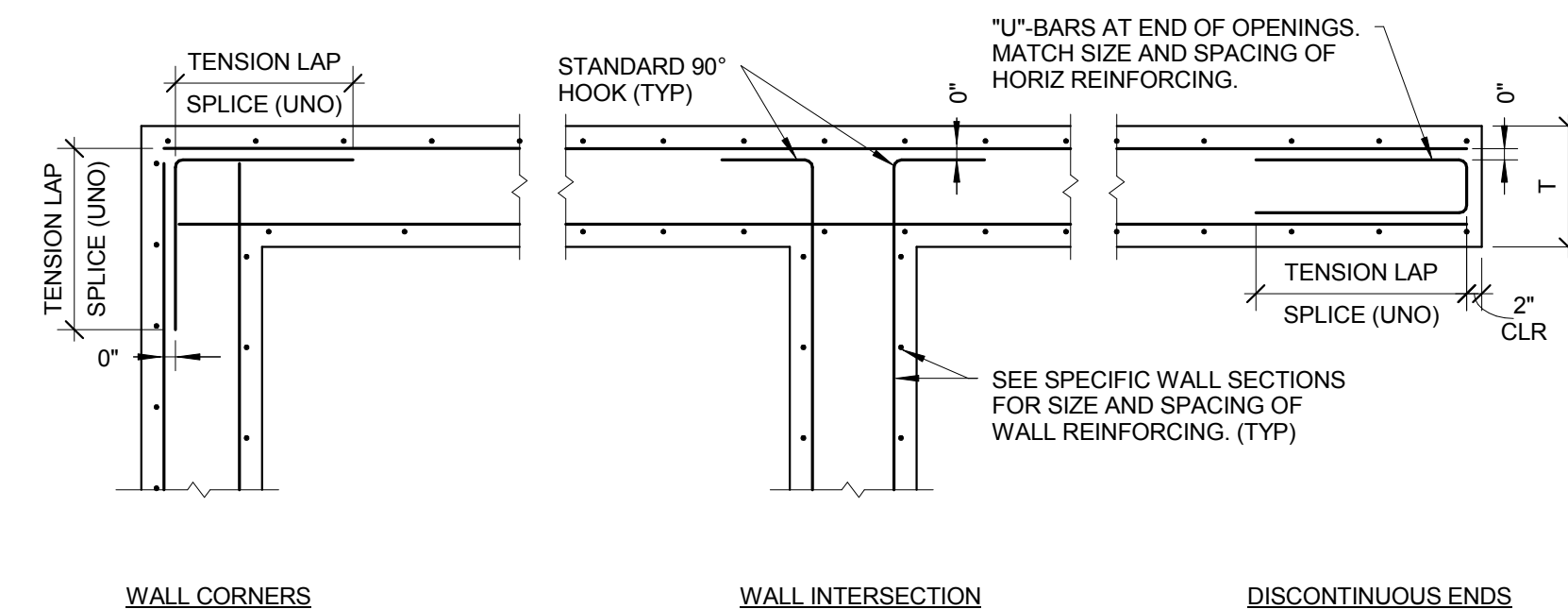
- NOTES
- STANDARD HOOK WHERE INDICATED ** IN SCHEDULE.
 - PROVIDE 2 INCHES OF CLEAR COVER UNLESS NOTED OTHERWISE.
 - ROUGHEN JOINT BETWEEN WALL AND MAT TO A 1/4 INCH AMPLITUDE.
 - PROVIDE TENSION LAP SPLICES AT VERTICAL "M" AND "O" BARS.
 - 2-INCH DIAMETER WEEP HOLE AT 10 FEET ON CENTER.

TYPICAL RETAINING WALL SCHEDULE AND DETAIL

1/2" = 1'-0"

TYPICAL WALL CONSTRUCTION JOINT

1/2" = 1'-0"



TYPICAL WALL REINFORCING DETAILS

NTS

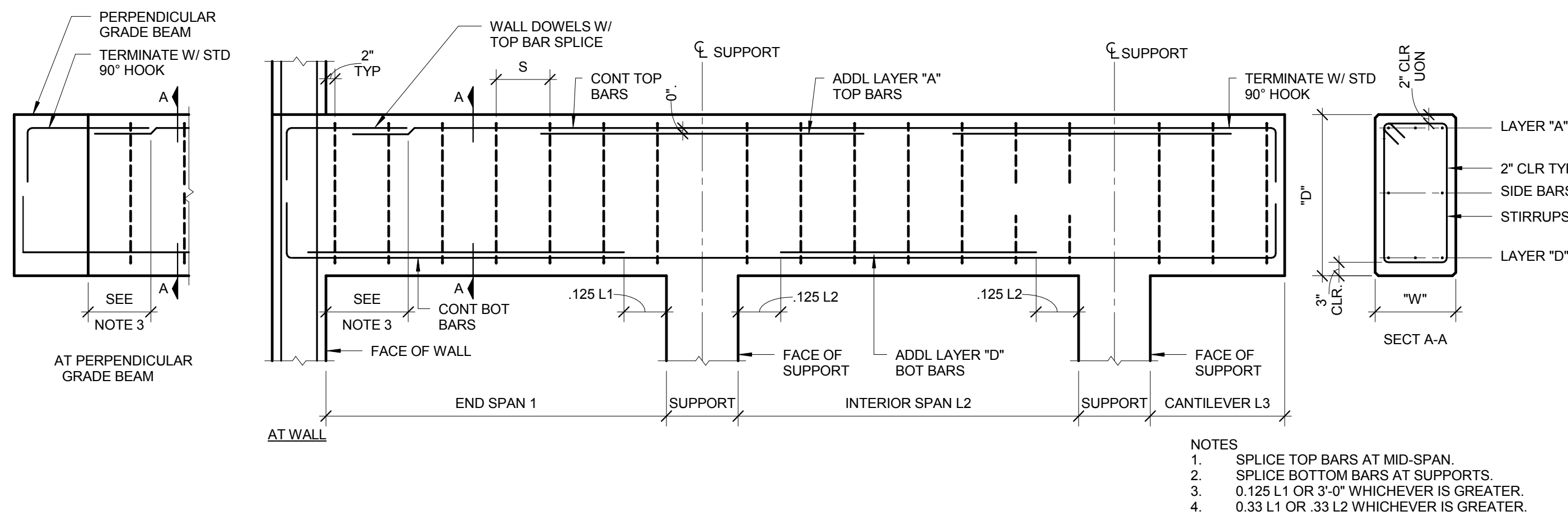
GRADE BEAM SCHEDULE									
MARK	SIZE - (INCHES)	BOTTOM REINFORCING	CONTINUOUS TOP REINFORCING	ADDITIONAL TOP REINFORCING	SIDE BARS, EACH SIDE	STIRRUPS	REMARKS		
GB1 (30x30)	30"	30"	(6)-#8	(4)-#8	(2)-#8	#4 @ 12" OC	HOOK T & B BARS		

GRADE BEAM SCHEDULE AND NOTES

- W/S INDICATES WEST OR SOUTH END OF BEAM.
- E/N INDICATES EAST OR NORTH END OF BEAM.
- ** INDICATES ADDITIONAL REINFORCING FROM ADJACENT BEAM IS EXTENDED INTO THIS LOCATION.
- UNLESS NOTED OTHERWISE, REINFORCING IS IN LAYERS "A" AND "D".
- THE SUFFIX (B) OR (C) INDICATES REINFORCING IN LAYER "B" OR "C" RESPECTIVELY.

GRADE BEAM SCHEDULE AND NOTES

1/2" = 1'-0"



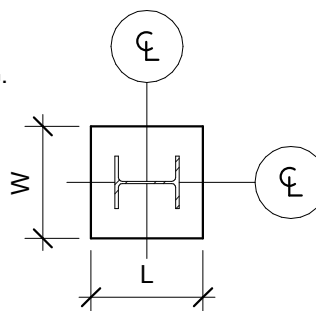
GRADE BEAM DETAIL

1/2" = 1'-0"

CONCRETE PIER SCHEDULE					
MARK	WIDTH	LENGTH	VERTICAL REINFORCEMENT	TIES	REMARKS
P18	18"	18"	4-#8	#4@12"	
P30	30"	30"	12-#8	#4@12"	

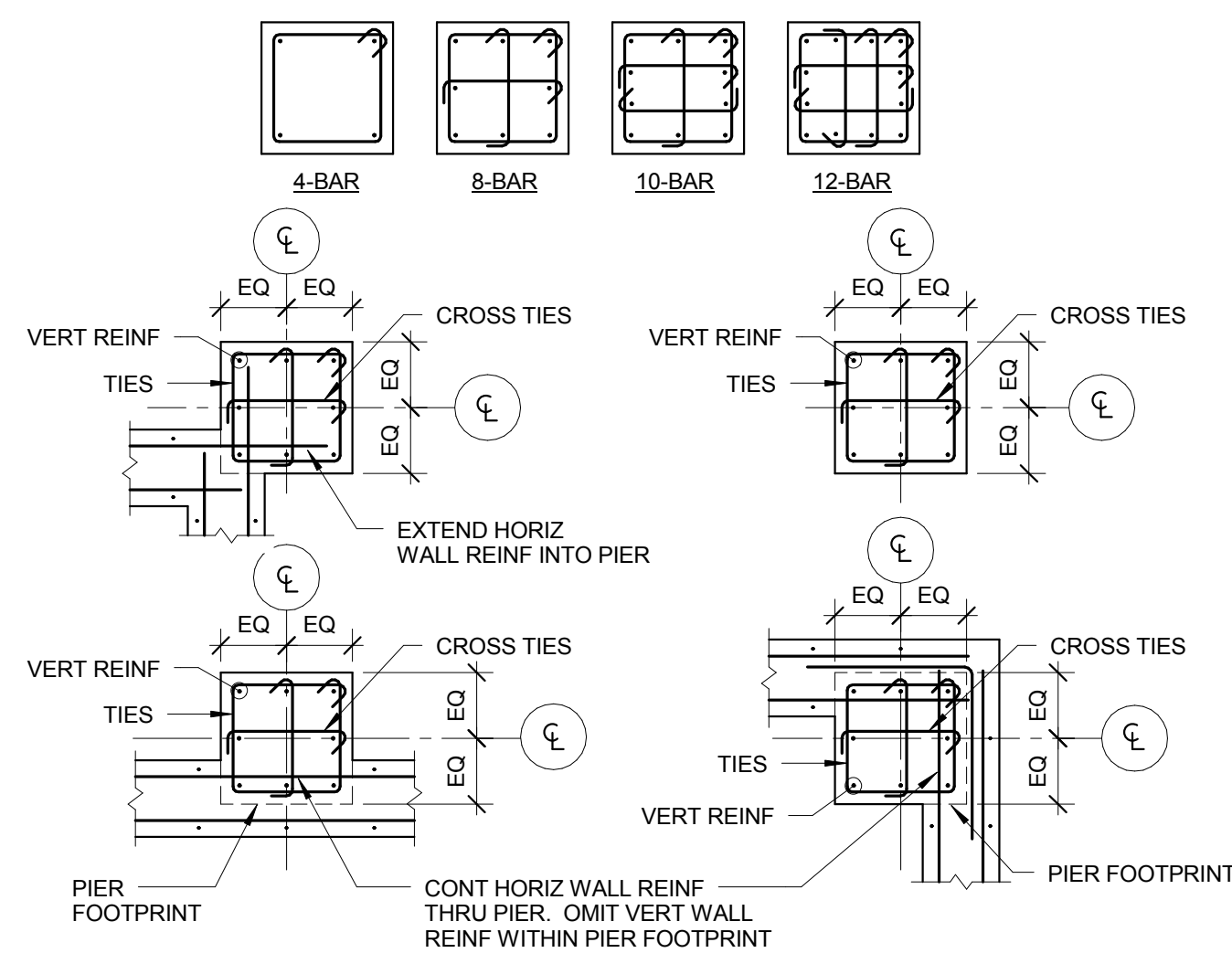
PIER SCHEDULE NOTES

- SET LOWEST TIE AT ONE HALF THE TIE SPACING ABOVE TOP OF FOOTING.
- PROVIDE TIES AT 4" ON CENTER FULL LENGTH OF ANCHOR RODS.
- "W" DIMENSION IS PERPENDICULAR TO COLUMN WEB.
- "L" DIMENSION IS PARALLEL WITH COLUMN WEB.
- ALL PIERS ARE CENTERED ON COLUMN CENTERLINES UNLESS NOTED OTHERWISE.
- CONFIGURE TIES USING ACI REQUIREMENTS AND TO AVOID CONFLICTS WITH ANCHOR RODS.



PIER SCHEDULE AND NOTES

NTS

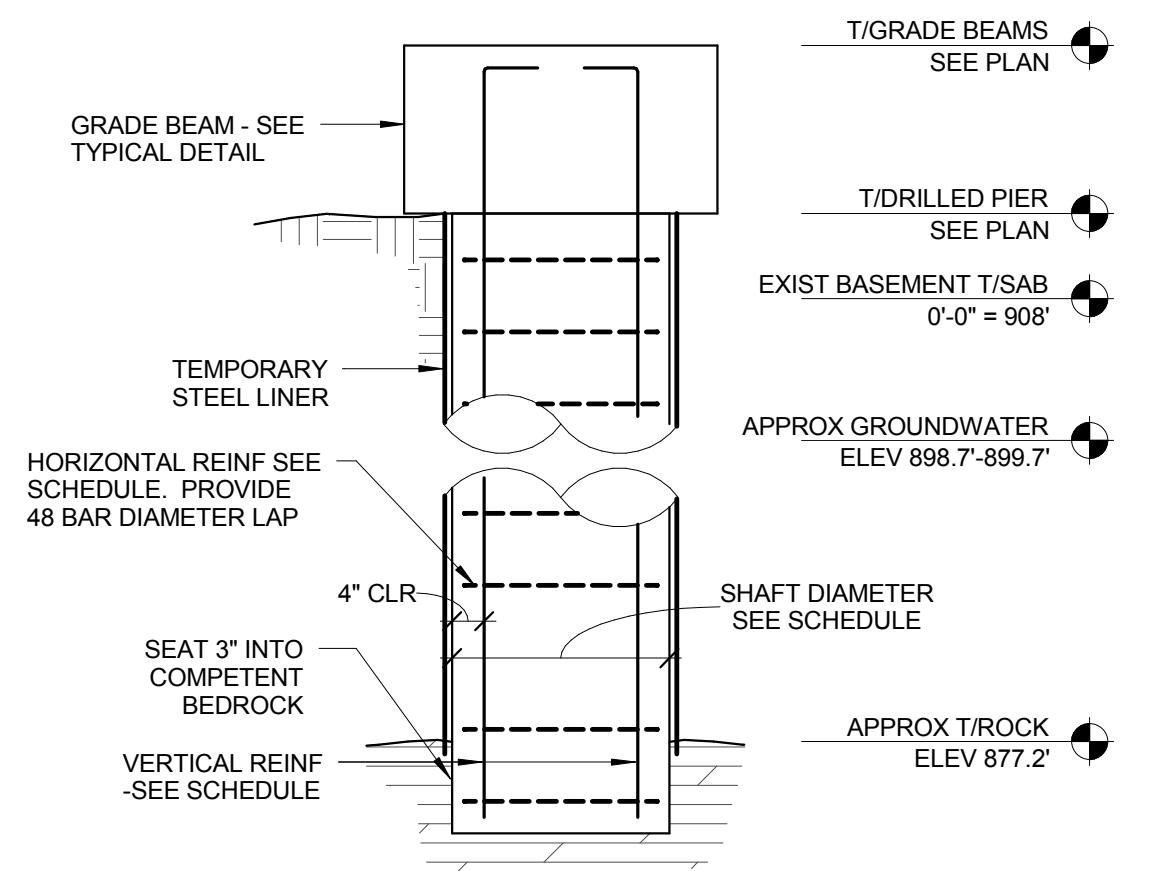


- NOTES
- PROVIDE 135 DEGREE HOOKS AT TIES.
 - PROVIDE 135 DEGREE AND 90 DEGREE HOOKS AT CROSS TIES.
 - ALTERNATE ALL HOOK LOCATIONS AT CONSECUTIVE TIES.

TYPICAL PIER DETAILS

NTS

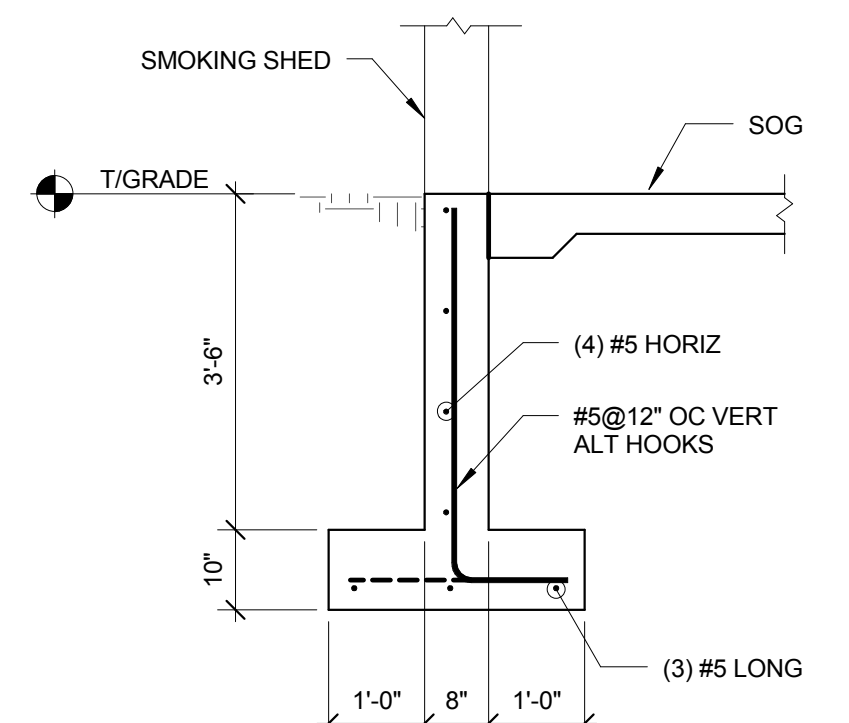
DRILLED CONCRETE PIER SCHEDULE			
MARK	DIAMETER	VERTICAL REINFORCING	TIES
DP30	2'-6"	(6)-#8	#4@12" OC



- NOTES
- CONTRACTOR SHALL COMPLETE A ROCK CORE AT ONE OF THE DRILLED PIER LOCATIONS PRIOR TO DRILLED PIER PRODUCTION AND PROVIDE IT TO THE OWNERS GEOTECHNICAL CONSULTANT FOR EVALUATION. OWNERS CONSULTANT WILL CONFIRM OR MODIFY THE BASE BID BEARING ELEVATION DURING CONSTRUCTION. THE CONTRACT PRICE WILL BE ADJUSTED ACCORDING TO THE LENGTH OF DRILLED PIER INSTALLED USING THE UNIT PRICES INDICATED ON THE BID FORM.

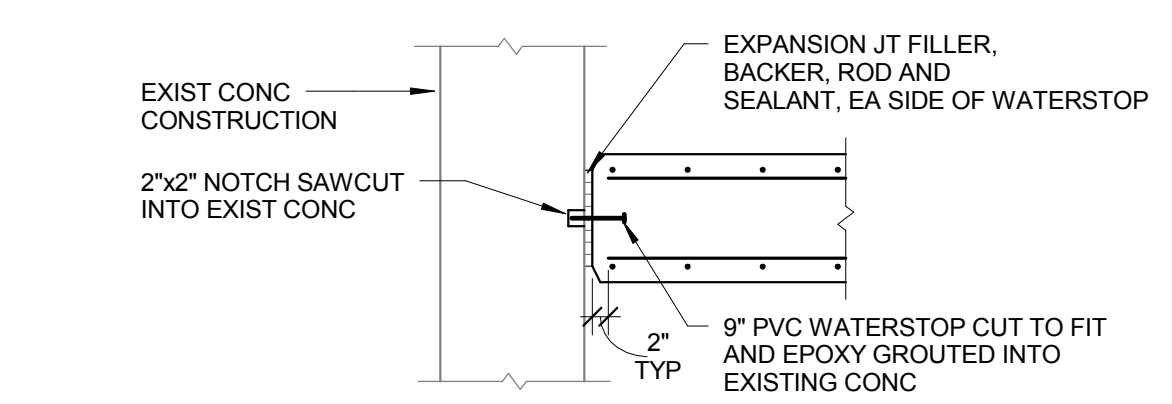
DRILLED PIER SCHEDULE AND DETAIL

1/2" = 1'-0"



SMOKING SHED FOUNDATION

1/2" = 1'-0"



TYPICAL WALL EXPANSION JOINT AT EXISTING CONSTRUCTION

1/2" = 1'-0"

TENSION LAP SPLICE LENGTHS FOR GRADE 60 REINFORCEMENT

NTS

TENSION LAP SPLICE LENGTHS FOR BARS ENCLOSED IN TIES OR STIRRUPS									
BAR SIZE	CONCRETE COMPRESSIVE STRENGTH								
	3,000 PSI			4,000 PSI			5,000 PSI		
	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV	BAR TYPE	STD	HOOK DEV
	TOP	OTHER		TOP	OTHER		TOP	OTHER	
#3	28	22	6	25	19	6	22	17	6
#4	38	29	8	33	25	7	29	23	6
#5	47	36	10	41	31	8	36	28	7
#6	56	43	12	49	37	10	44	34	9
#7	63	53	13	56	44	12	50	39	10
#8	73	62	15	61	52	13	58	46	12
#9	85	71	17	71	60	15	65	53	13
#10	118	91	19	102	79	17	92	71	15
#11	131	101	22	114	87	19	103	78	17

TENSION LAP SPLICE LENGTHS FOR BARS NOT ENCLOSED IN TIES OR STIRRUPS									
BAR SIZE	CONCRETE COMPRESSIVE STRENGTH								
	3,000 PSI			4,000 PSI			5,000 PSI		
	BAR TYPE		STD HOOK DEV	BAR TYPE		STD HOOK DEV	BAR TYPE		STD HOOK DEV
	TOP	OTHER		TOP	OTHER		TOP	OTHER	
#3	17	16	6	16	16	6	16	16	6
#4	28	22	8	25	19	7	22	17	6
#5	41	32	10	36	28	8	32	25	7
#6	56	43	12	49	37	10	44	34	9
#7	69	53	13	59	45	12	54	41	10
#8	81	62	15	70	53	14	64	49	12
#9	93	72	17	81	62	16	74	58	13
#10	105	81	19	92	70	18	83	65	15
#11	118	91	21	102	79	20	92	71	17

- NOTES
- ALL TABULATED VALUES ARE GIVEN IN INCHES.
 - DIVIDE TABULATED VALUES BY 1.30 TO ACHIEVE STRAIGHT BAR TENSION DEVELOPMENT LENGTHS.
 - APPLY A 1.30 MULTIPLIER ON TABULATED VALUES FOR USE IN LIGHTWEIGHT CONCRETE.
 - APPLY A 1.50 MULTIPLIER ON TABULATED VALUES FOR EPOXY COATED BARS WITH COVER LESS THAN 3 BAR DIAMETERS OR CLEAR SPACING LESS THAN 6 BAR DIAMETERS. APPLY A 1.20 MULTIPLIER ON ALL OTHER EPOXY COATED BARS.
 - MULTIPLIERS FOR LIGHTWEIGHT CONCRETE AND EPOXY COATING ARE ADDITIVE.
 - TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE.
 - "SIDE LAP" ALL LAP SPLICES TO MAINTAIN SPECIFIED CONCRETE COVER. WHEN BARS OF DIFFERENT SIZE ARE LAP SPICED, USE THE SPLICE LENGTH OF THE SMALLER BAR.
 - NON-CONTACT SPLICES NOT PERMITTED.

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SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11

VA WESTERN NEW YORK HEALTHCARE SYSTEM
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Architect
CANNON PROJECT #: 3526.00

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

FOUNDATION DETAILS	DATE
MEDICAL CENTER DIRECTOR	DATE
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE

Project Title	WARD C RENOVATIONS
Building Number	1
Location	V.A.M.C. BATAVIA, NEW YORK

Date	09/09/11
Station No.	528A
Building Number	1
Checked	BA
Drawn	TC

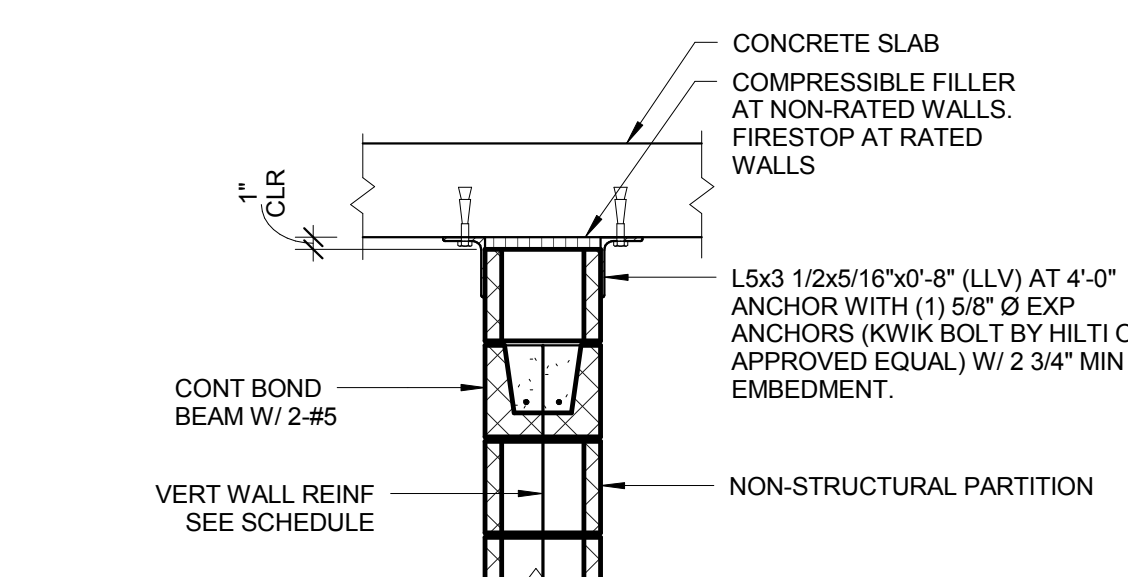
353	S301
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FULLY SPRINKLERED

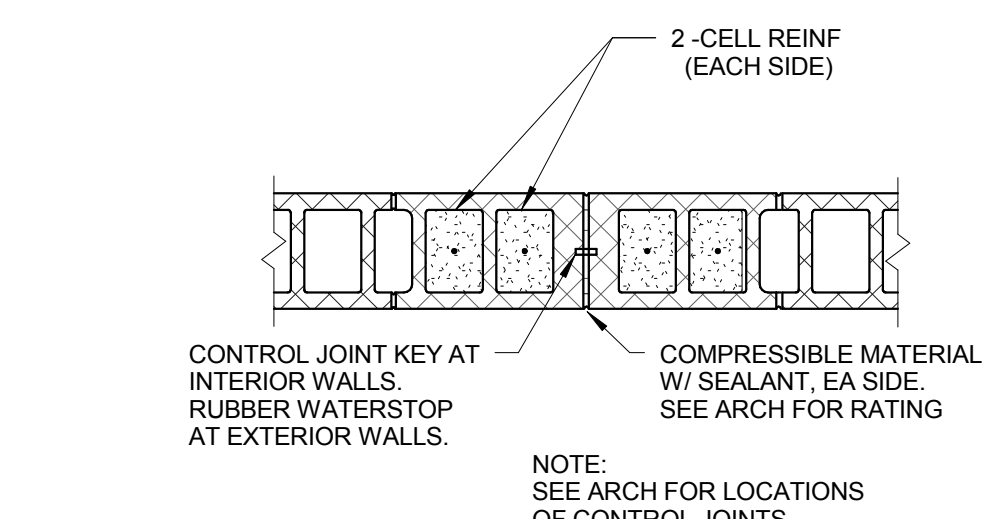




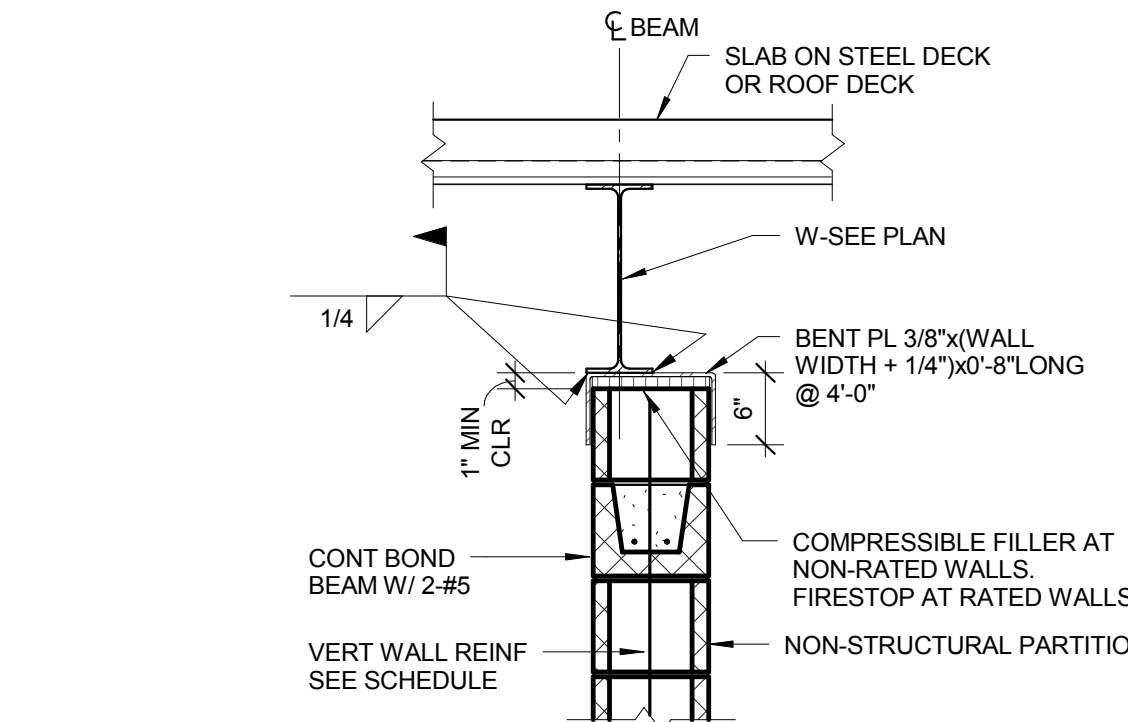
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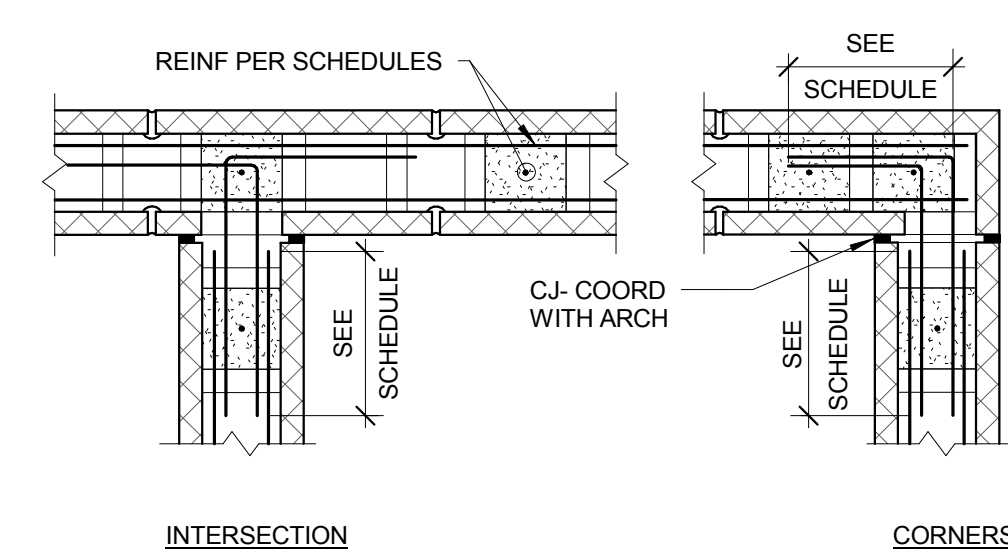
B5
NTS
NON-STRUCTURAL PARTITION
BRACE AT CONCRETE SLABS



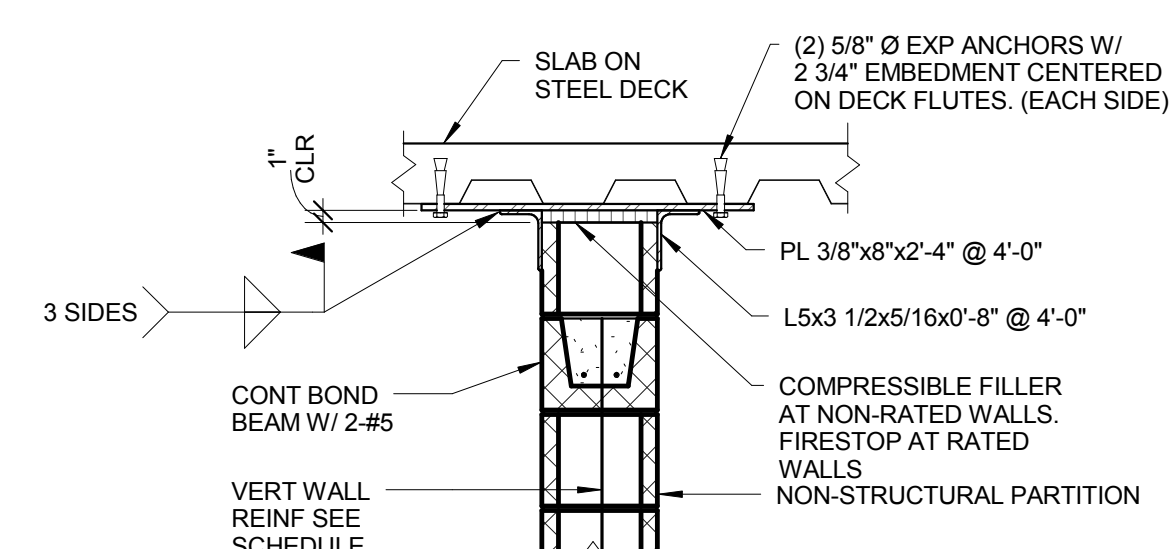
B7
NTS
TYPICAL
MASONRY CONTROL JOINT DETAIL



D5
NTS
NON-STRUCTURAL PARTITION
BRACE AT PARALLEL STEEL BEAMS



D7
NTS
TYPICAL STRUCTURAL BOND BEAM

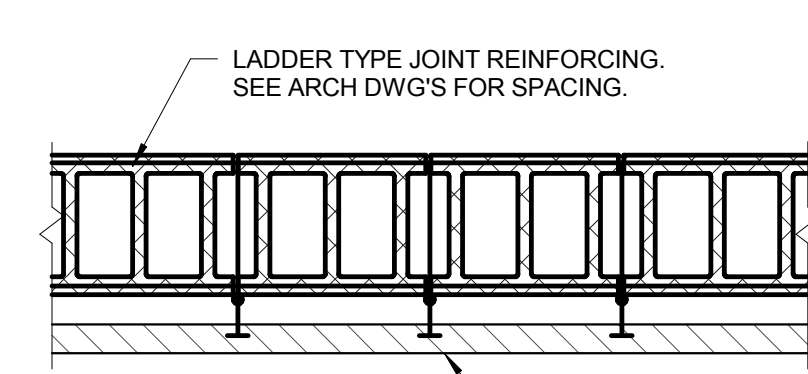


F3
NTS
NON-STRUCTURAL PARTITION
BRACE AT SLABS ON METAL DECK

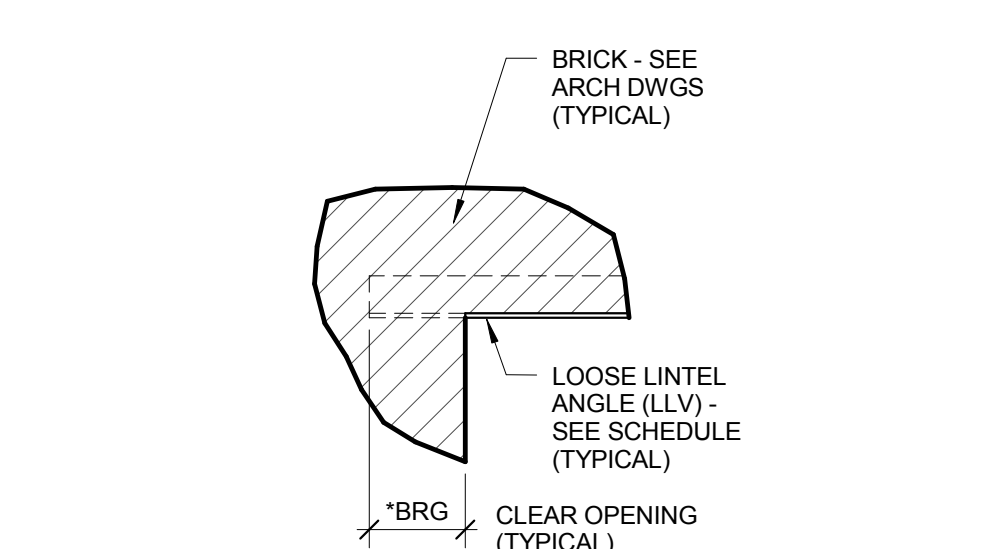
MASONRY STEEL LINTEL SCHEDULE				
OPENING SIZE	4" WALLS	6" WALLS	8" WALLS	12" WALLS
3'-0"	1L3 1/2x3 1/2x1/4	2L3x2 1/2x1/4	2L3 1/2x3 1/2x1/4	3L3 1/2x3 1/2x1/4
4'-0"	1L4x3 1/2x1/4	2L3x2 1/2x1/4	2L4x3 1/2x1/4	3L4x3 1/2x1/4
5'-0"	1L4x3 1/2x1/4	2L3 1/2x2 1/2x1/4	2L4x3 1/2x1/4	3L4x3 1/2x1/4
6'-0"	1L5x3 1/2x1/4	WT 7x13	2L5x3 1/2x1/4	3L5x3 1/2x1/4
8'-0"	1L6x3 1/2x5/16	WT 8x15.5	2L6x3 1/2x3/8	3L6x3 1/2x3/8
8'-0"	1L6x3 1/2x1/2	-	2L6x3 1/2x1/2	-

- NOTES
- UNLESS OTHERWISE SPECIFIED ON THE DRAWING, PROVIDE AND INSTALL LINTEL ANGLES FOR MASONRY OPENINGS IN ACCORDANCE WITH THIS SCHEDULE.
 - WHERE LINTELS OCCUR IN EXTERIOR WALLS, MINIMUM THICKNESS SHALL BE 5/16".
 - LINTELS SHALL BE 16" LONGER THAN MASONRY OPENINGS, LONG LEG VERTICAL.
 - ALL ANGLES SUPPORTING THE EXTERIOR VENEER SHALL BE HOT-DIPPED GALVANIZED.
 - WELD ADJOINING ANGLES TO FORM A SINGLE UNIT.

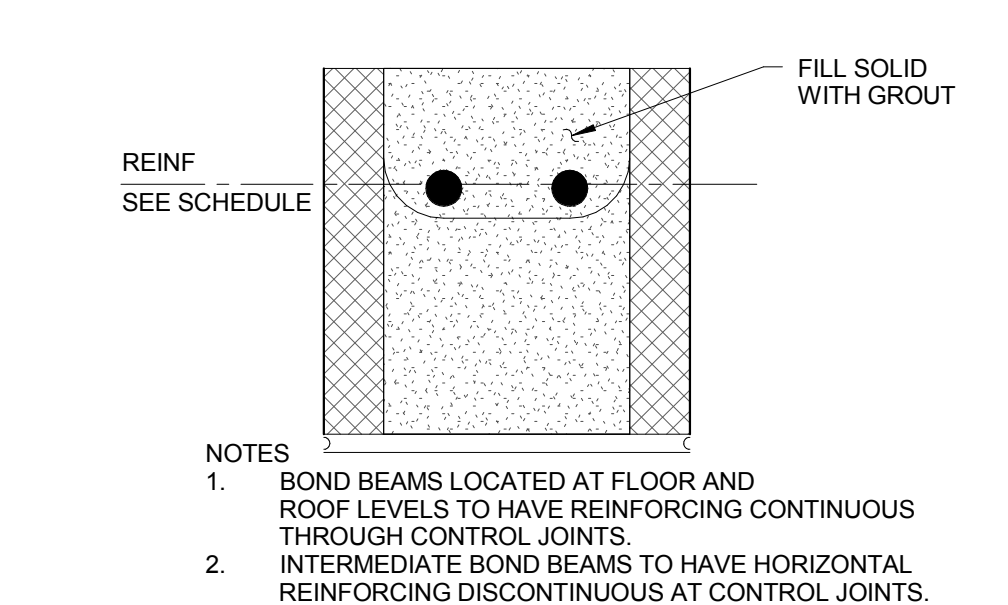
E5
NTS
MASONRY STEEL LINTEL SCHEDULE



F5
NTS
TYPICAL JOINT
REINFORCING AT VENEER WALLS



E7
NTS
TYPICAL BRICK LOOSE
LINTEL BEARING DETAIL



F7
NTS
TYPICAL
BOND BEAM REINFORCING DETAIL

2003 IBC STRUCTURAL REINFORCED MASONRY LAP SPLICES (2000 PSI)								
REINFORCING SIZE	BLOCK SIZE W/ SINGLE BAR PER CELL				BLOCK SIZE W/ DOUBLE BAR PER CELL			
	6"	8"	10"	12"	8"	10"	12"	
#3	16	16	16	16	16	16	16	
#4	21	21	21	21	27	24	24	
#5	34	27	27	27	42	37	37	
#6	69	49	45	45	85	75	75	
#7	-	68	53	53	123	102	102	
#8	-	97	75	64	198	143	143	
#9	-	-	96	78	-	182	182	

2003 IBC STRUCTURAL REINFORCED MASONRY LAP SPLICES (1500 PSI)								
REINFORCING SIZE	BLOCK SIZE W/ SINGLE BAR PER CELL				BLOCK SIZE W/ DOUBLE BAR PER CELL			
	6"	8"	10"	12"	8"	10"	12"	
#3	19	19	19	19	19	19	19	
#4	25	25	25	25	31	28	28	
#5	39	31	31	31	48	43	43	
#6	80	57	52	52	98	87	87	
#7	-	79	61	61	142	118	118	
#8	-	112	88	74	229	165	165	
#9	-	-	111	90	-	210	210	

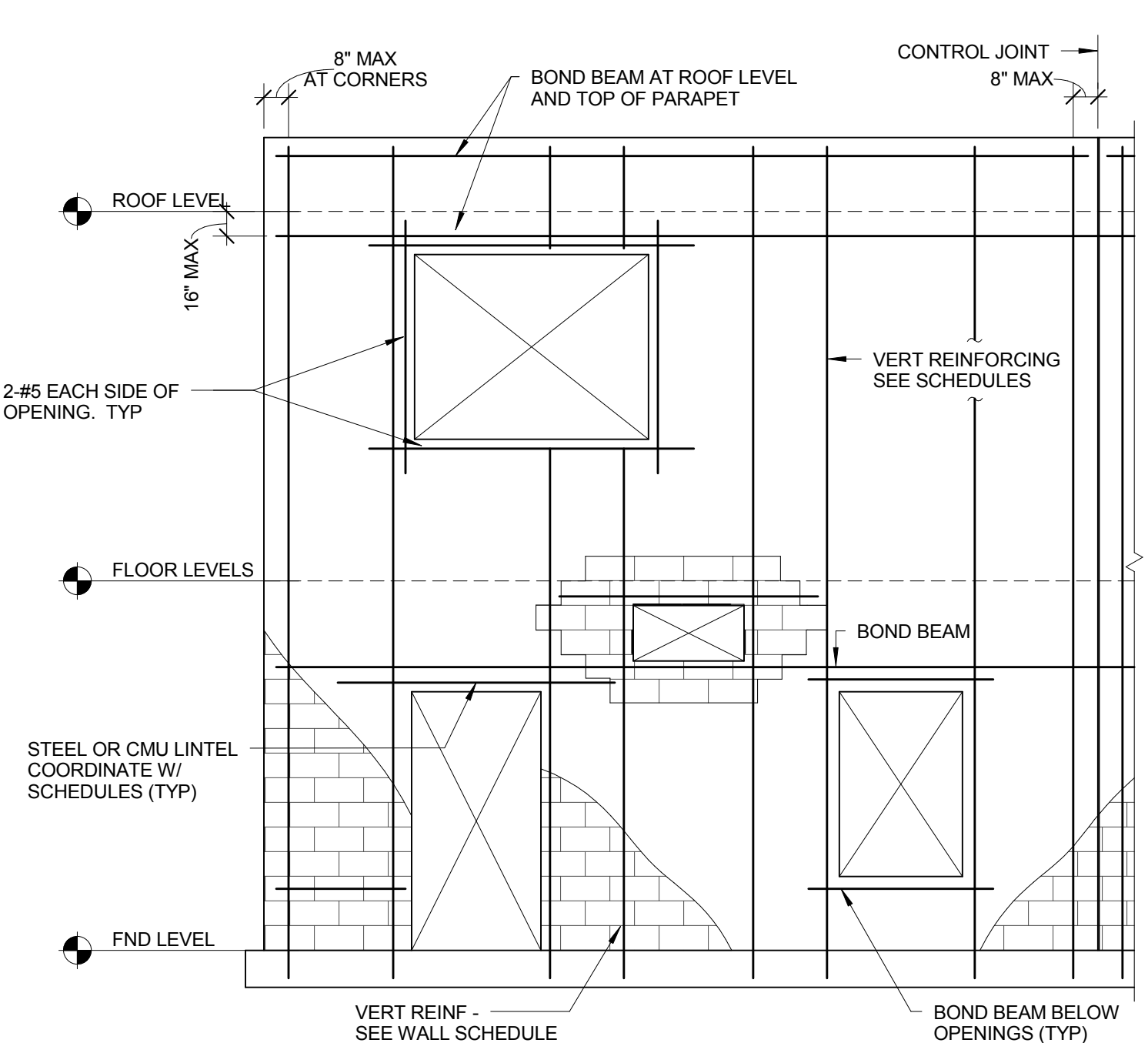
C9
NTS
2003 IBC
MASONRY LAP SPLICE SCHEDULES

STRUCTURAL REINFORCED MASONRY (ALL EXTERIOR WALLS)				
BLOCK SIZE	BOND BEAM		VERTICAL SIZE	SPACING (OC)
	MAXIMUM SPAN	REINFORCING		
8"	4'-0"	#4	#6	40"

NON-STRUCTURAL REINFORCED MASONRY PARTITIONS				
BLOCK SIZE	BOND BEAM*		VERTICAL SIZE	SPACING (OC)
	MAXIMUM SPAN	REINFORCING		
8"	4'-0"	#4	#6	48"

*BOND BEAMS IN PARTITION WALLS CAN BE REPLACED WITH LADDER JOINT REINFORCING W/1.7 @ 16" OC.

D9
NTS
MASONRY REINFORCING SCHEDULES



F9
NTS
MINIMUM MASONRY WALL REINFORCEMENT

ALTERNATE No.4
07/01/14
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06/19/14
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FIRE/LIFE SAFETY REVIEW
03/15/13
DESIGN DEVELOPMENT - 60% SUBMISSION (3RD)
11/09/12
DESIGN DEVELOPMENT - 60% SUBMISSION (2ND)
10/05/12
DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)
08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION
09/09/11

Revisions
Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM
222 RICHMOND AVE
BATAVIA, NEW YORK 14020

CANNONDESIGN

2170 Whitehaven Road, Grand Island, New York 14027
T: 716.773.6800 F: 716.773.5909

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Architect
CANNON PROJECT #: 3526.00
stamp

CARDIOLOGY MANAGER
DATE
ENGINEERING MANAGER
DATE

INFECTION CONTROL
DATE
CARLINE MANAGER
DATE

SAFETY OFFICER
DATE
CHIEF OF STAFF
DATE

Drawing Title
MASONRY DETAILS

Project Title
WARD C RENOVATIONS

Building Number
1
Checked
BA
Drawn
TC

Medical Center Director
DATE
Associate Medical Center Director
DATE

Date
09/09/11

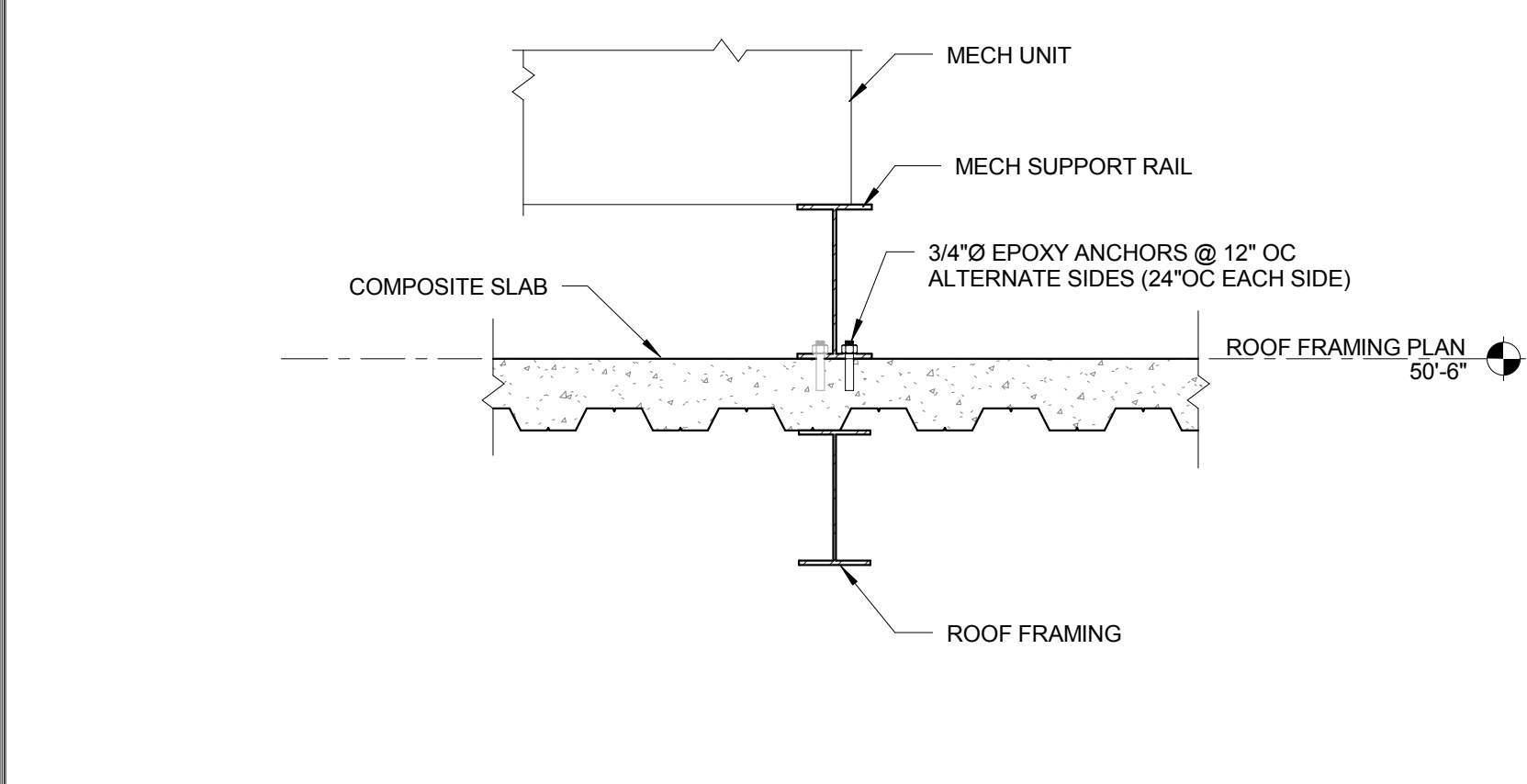
Station No.
5284

353
S401

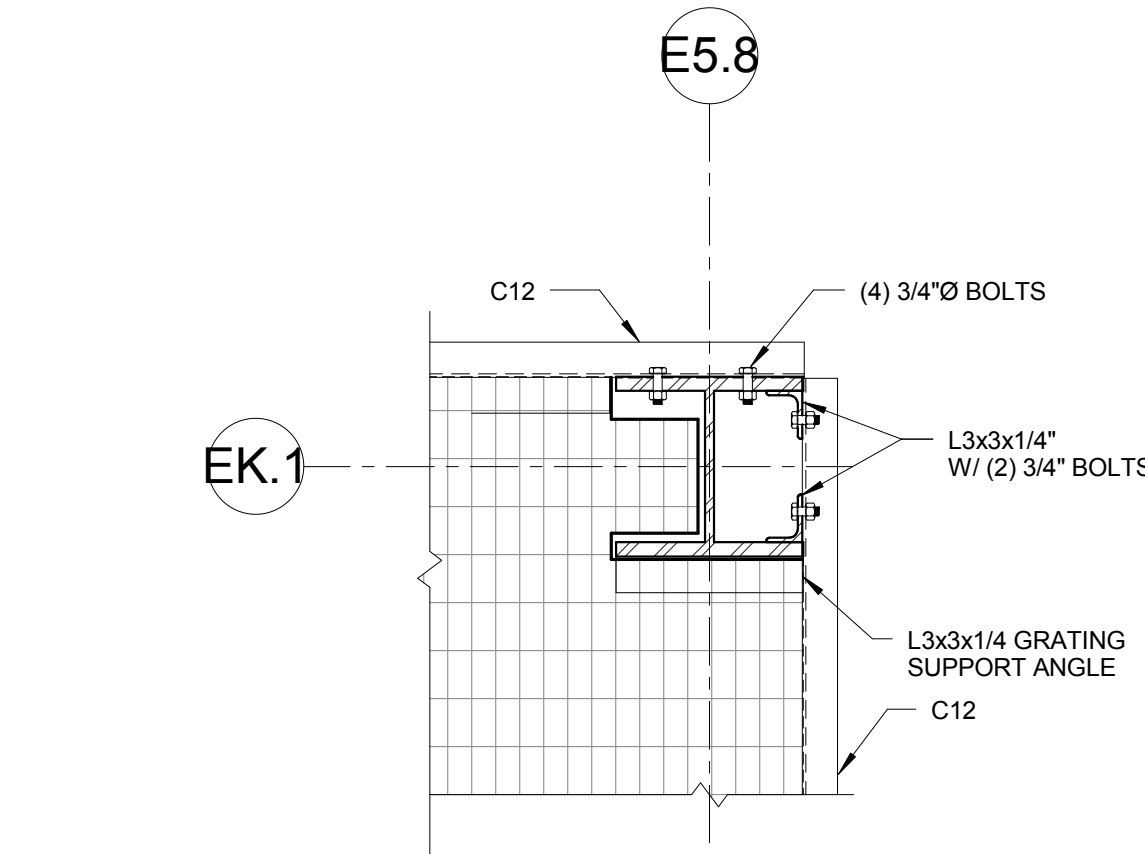
Office of Facilities

Department of Veterans Affairs

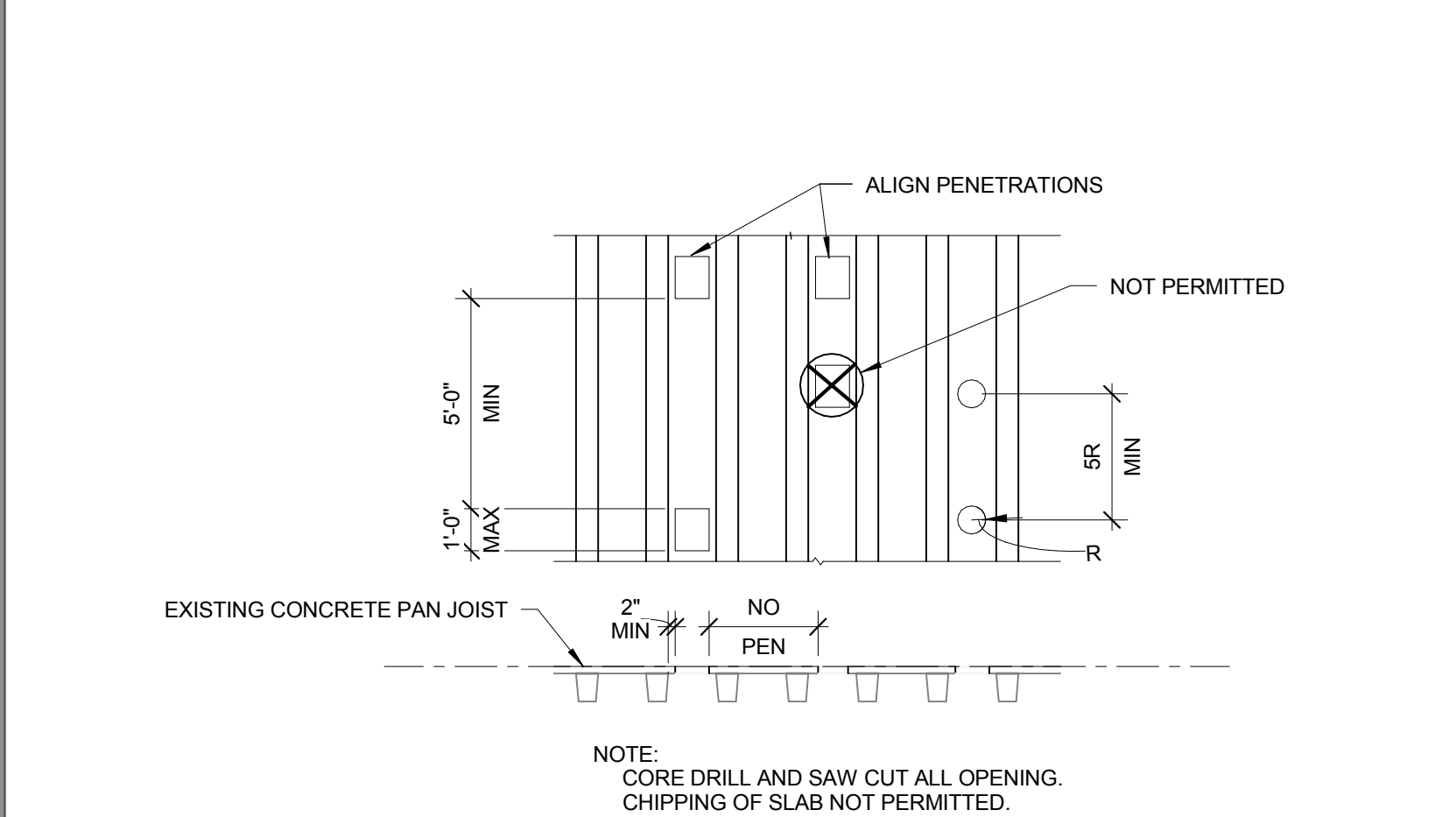
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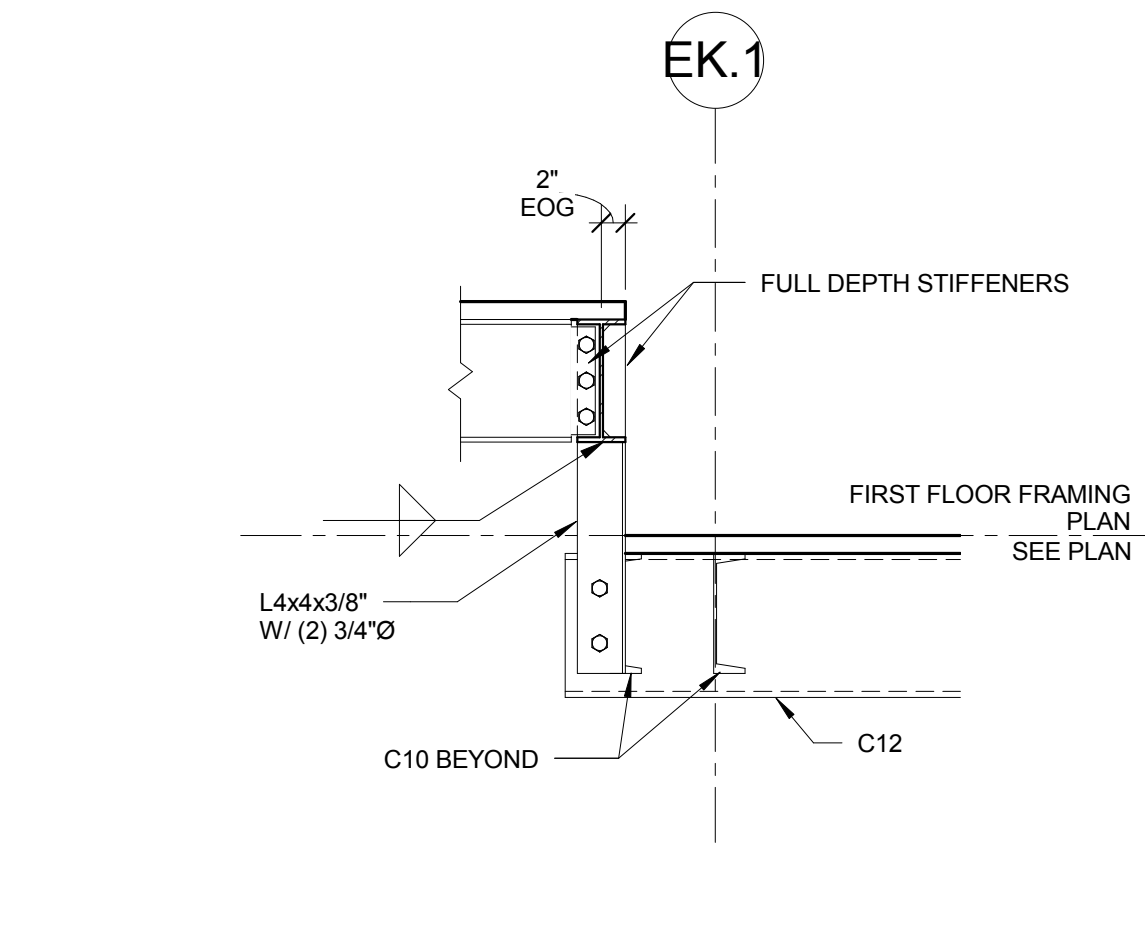
B1 MECH UNIT RAIL DETAIL
3/4" = 1'-0"



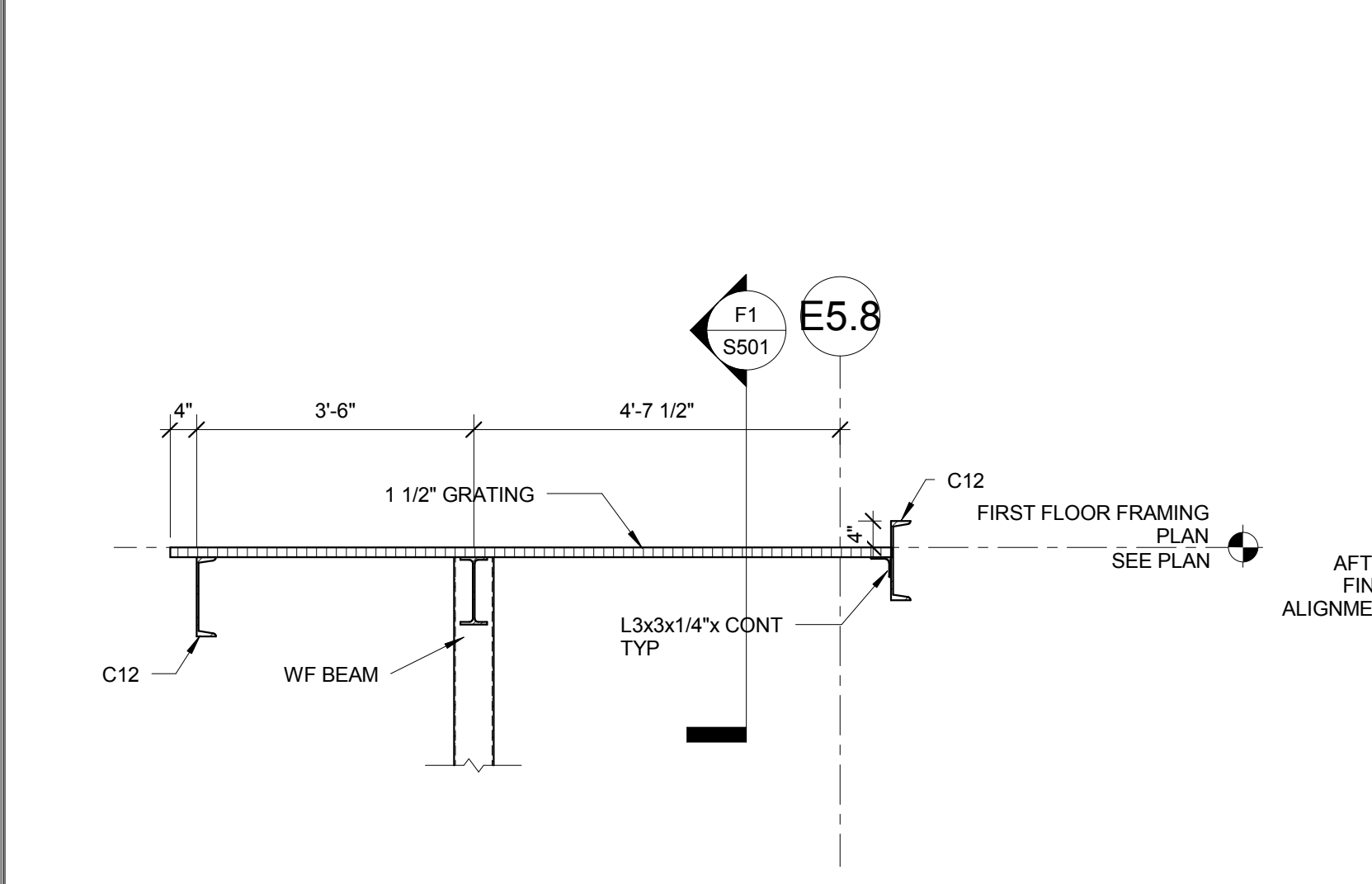
B3 MEZZANINE DETAIL AT COLUMN
3/4" = 1'-0"



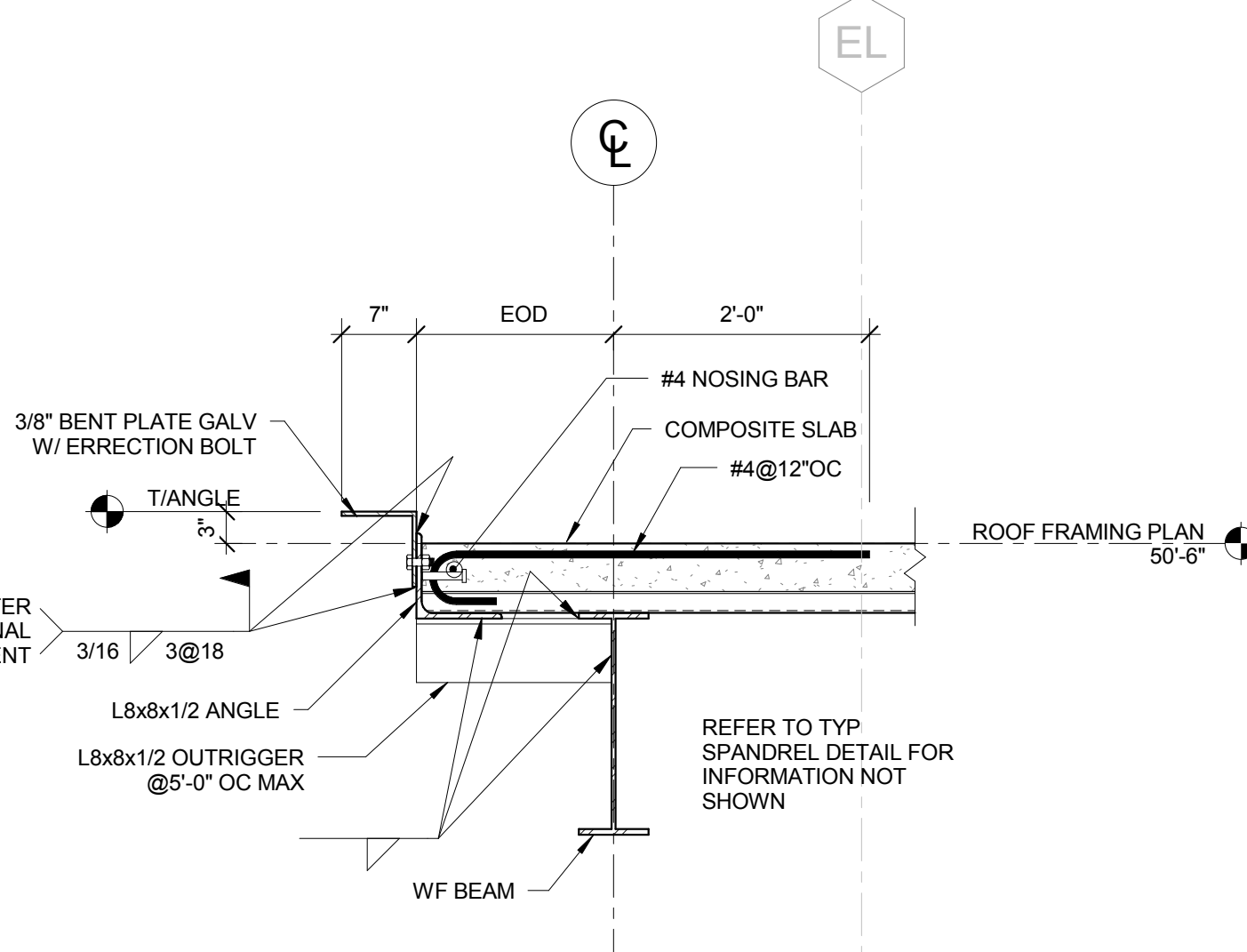
C1 TYPICAL PENETRATIONS THROUGH EXISTING SLAB
1/4" = 1'-0"



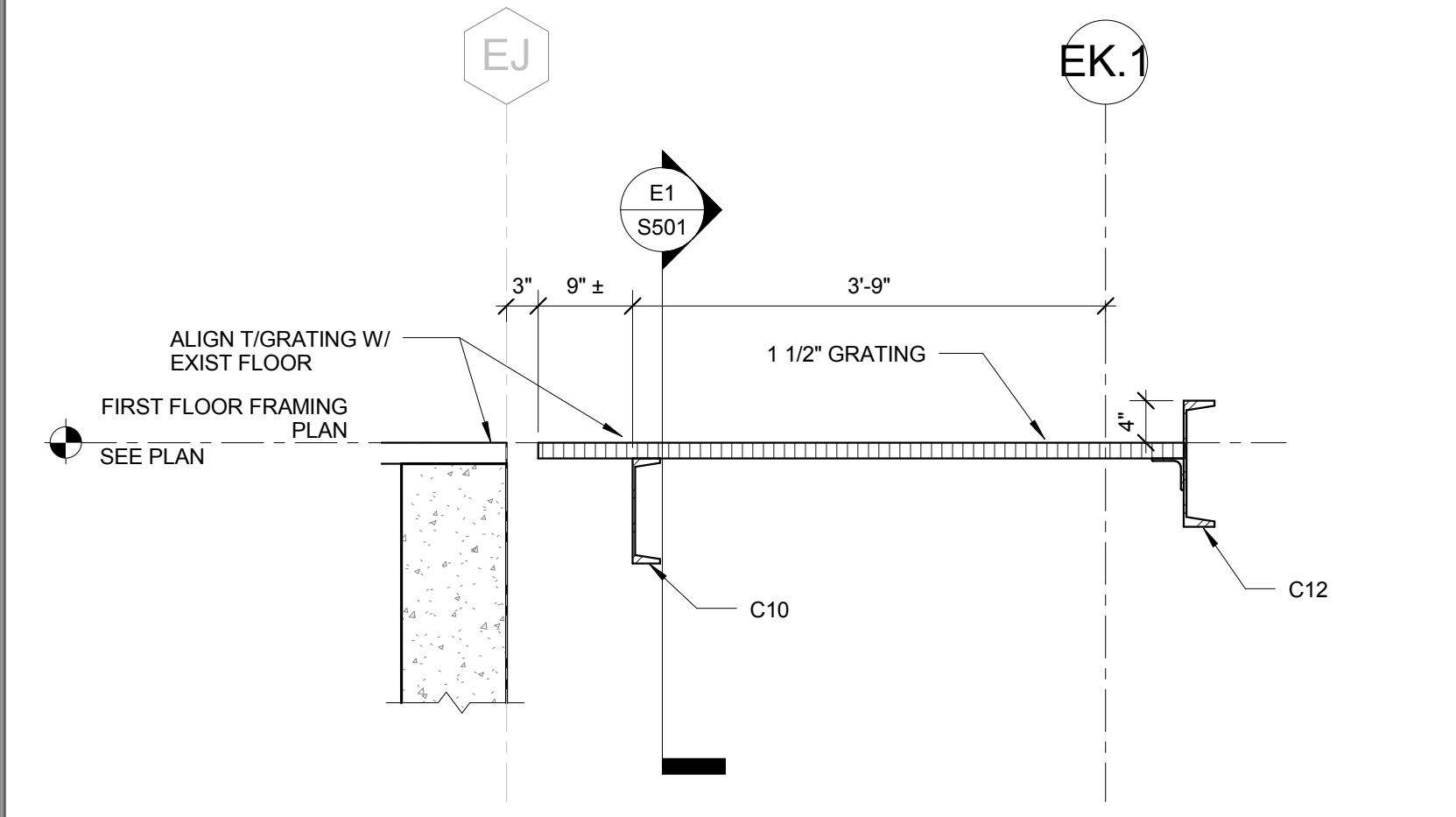
C3 STAIR DETAIL
3/4" = 1'-0"



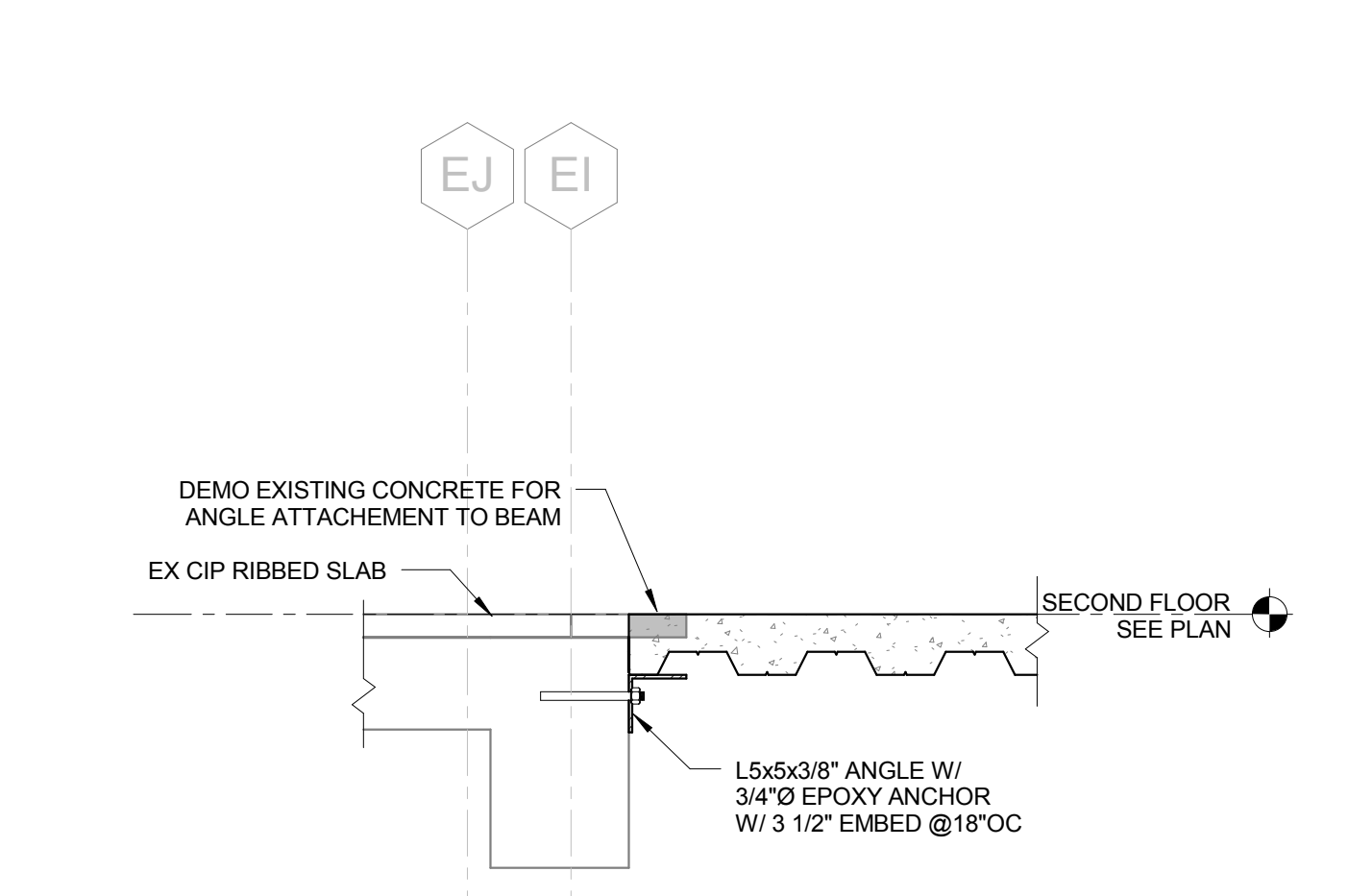
E1 MEZZANINE SECTION
1/2" = 1'-0"



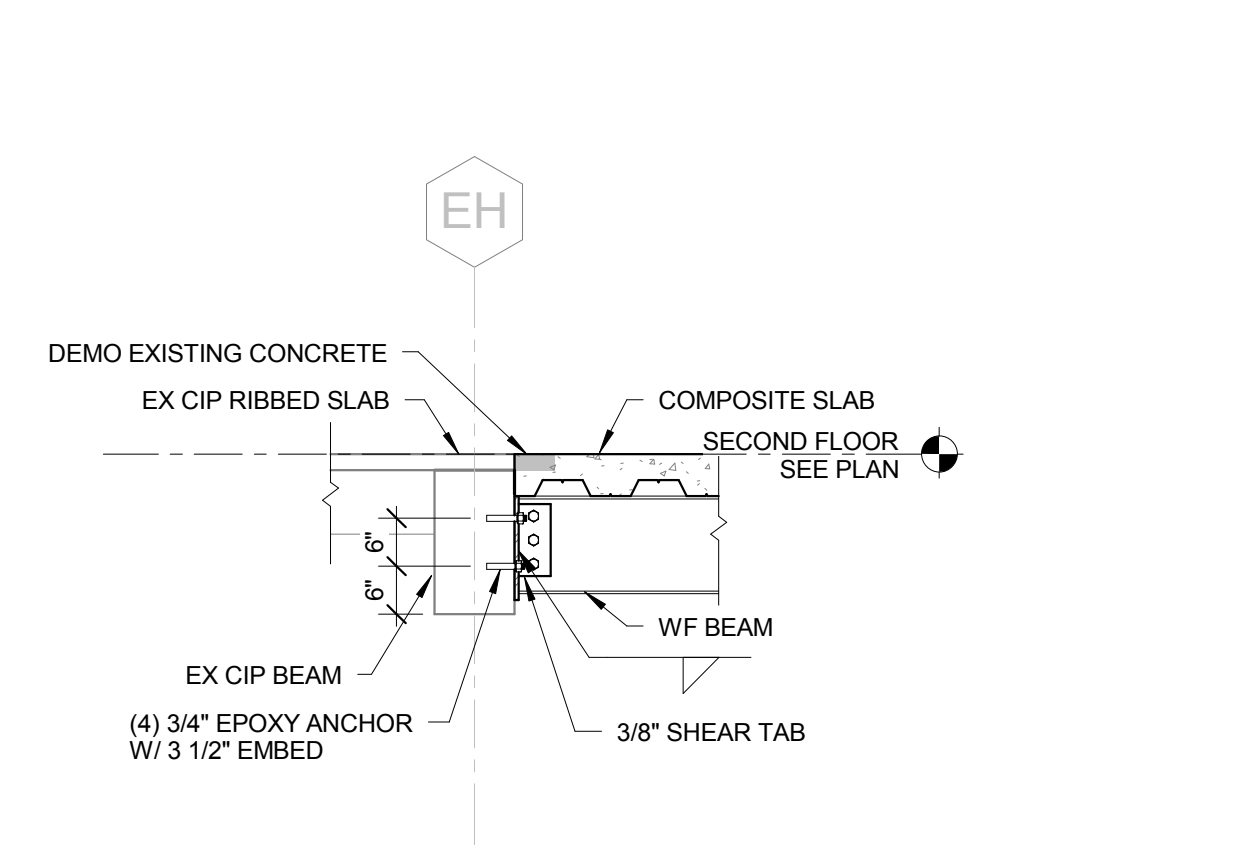
E3 WALL SECTION AT ROOF
3/4" = 1'-0"



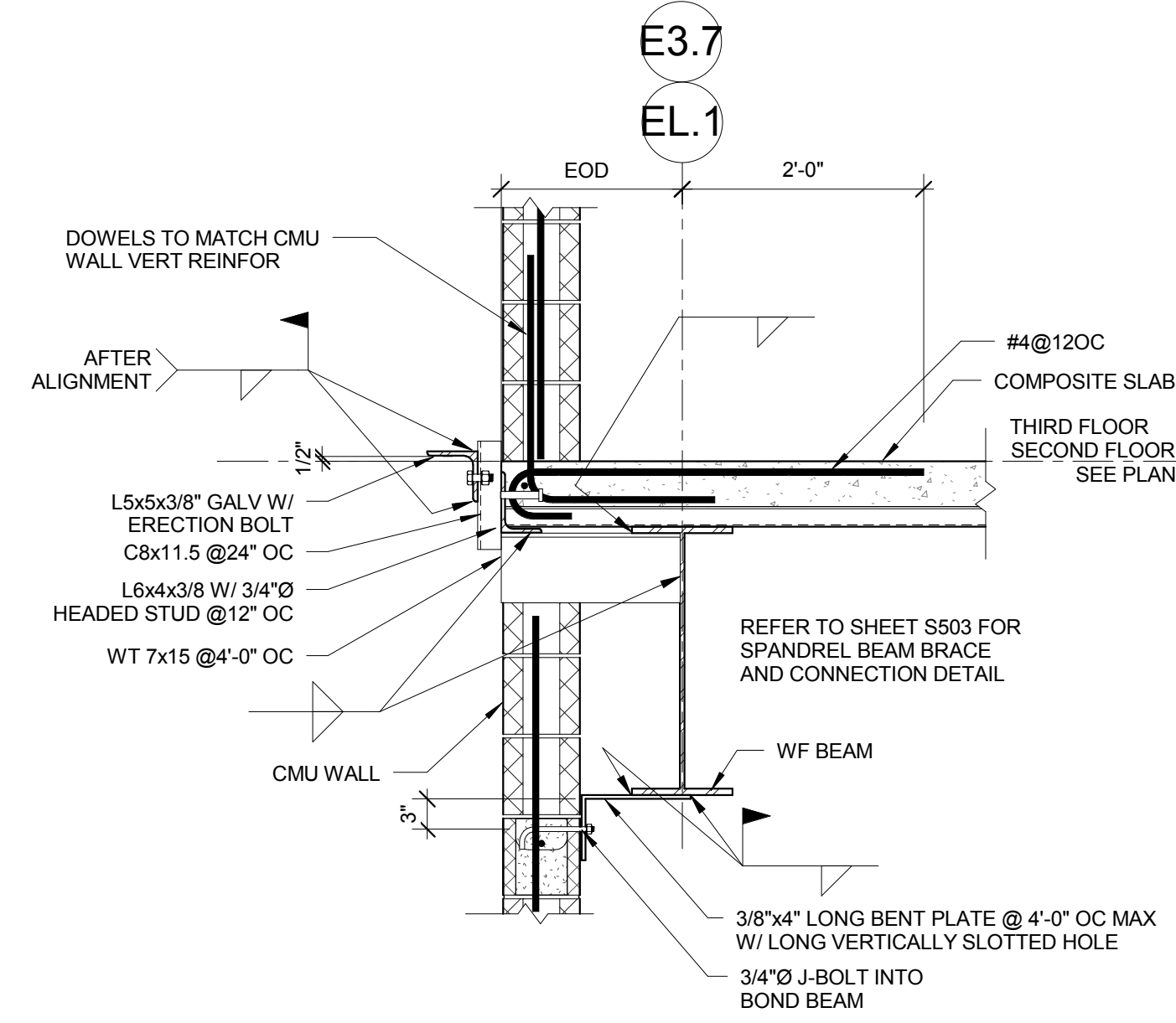
F1 STAIR SECTION
3/4" = 1'-0"



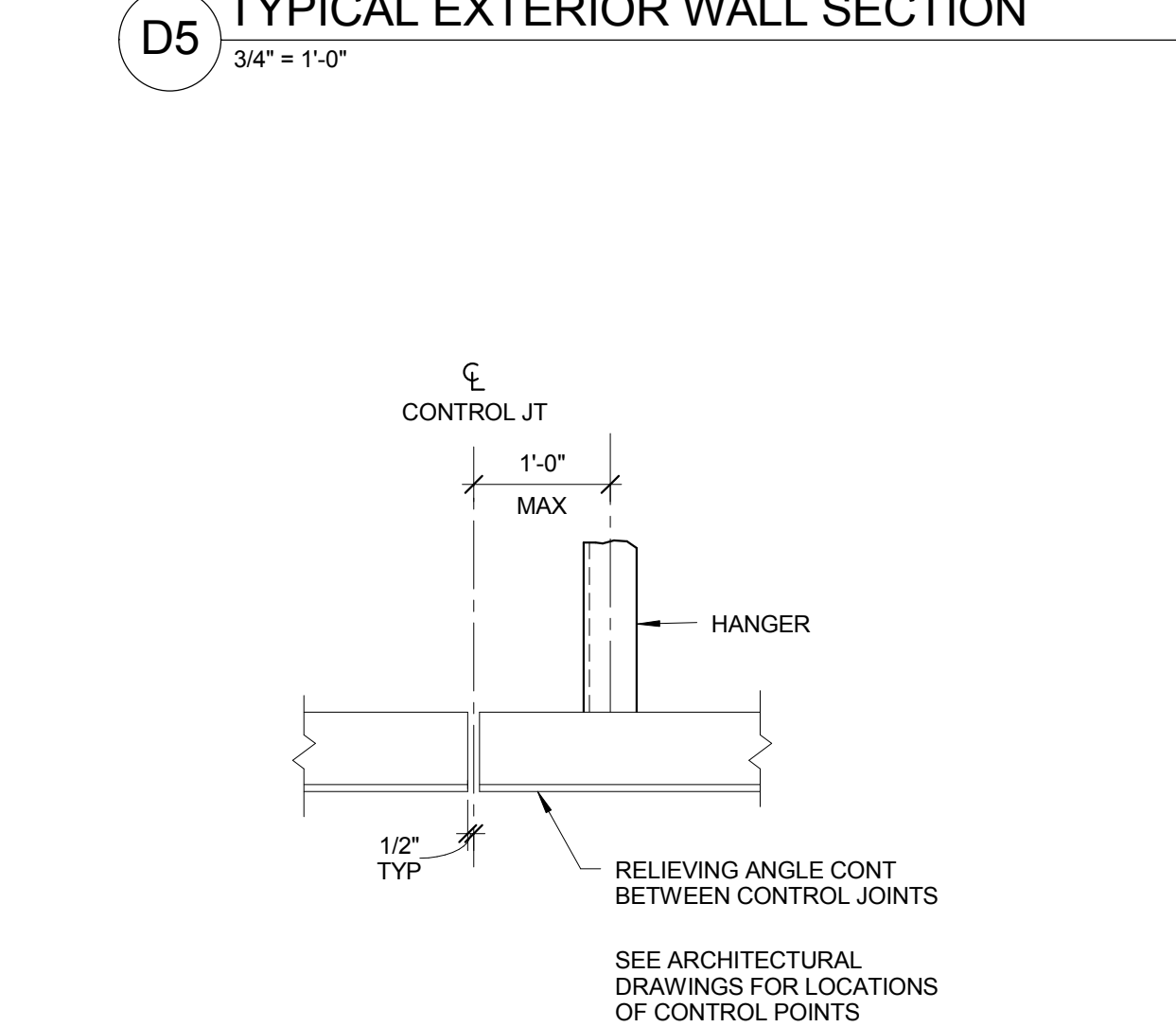
F3 EX STAIR DECK SUPPORT DETAIL
3/4" = 1'-0"



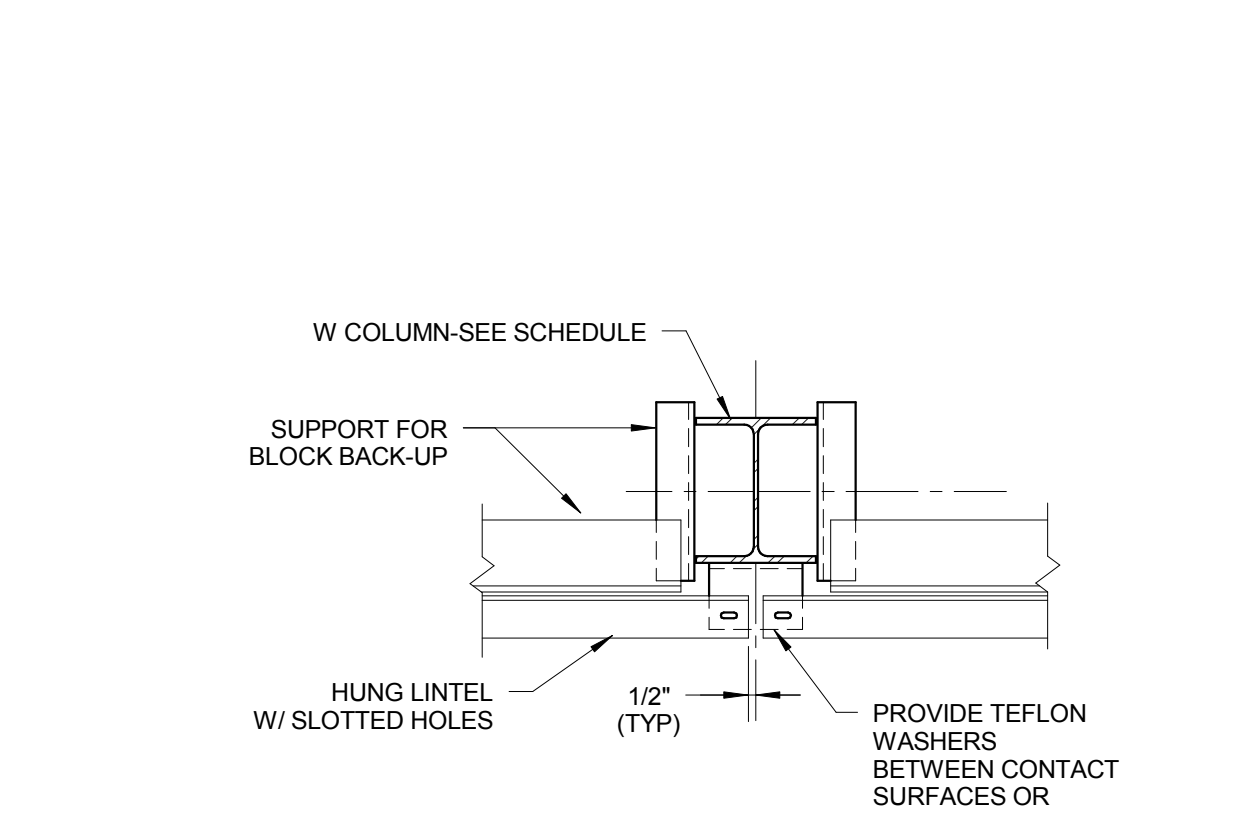
B5 EX STAIR INFILL BEAM CONNECTION
1/2" = 1'-0"



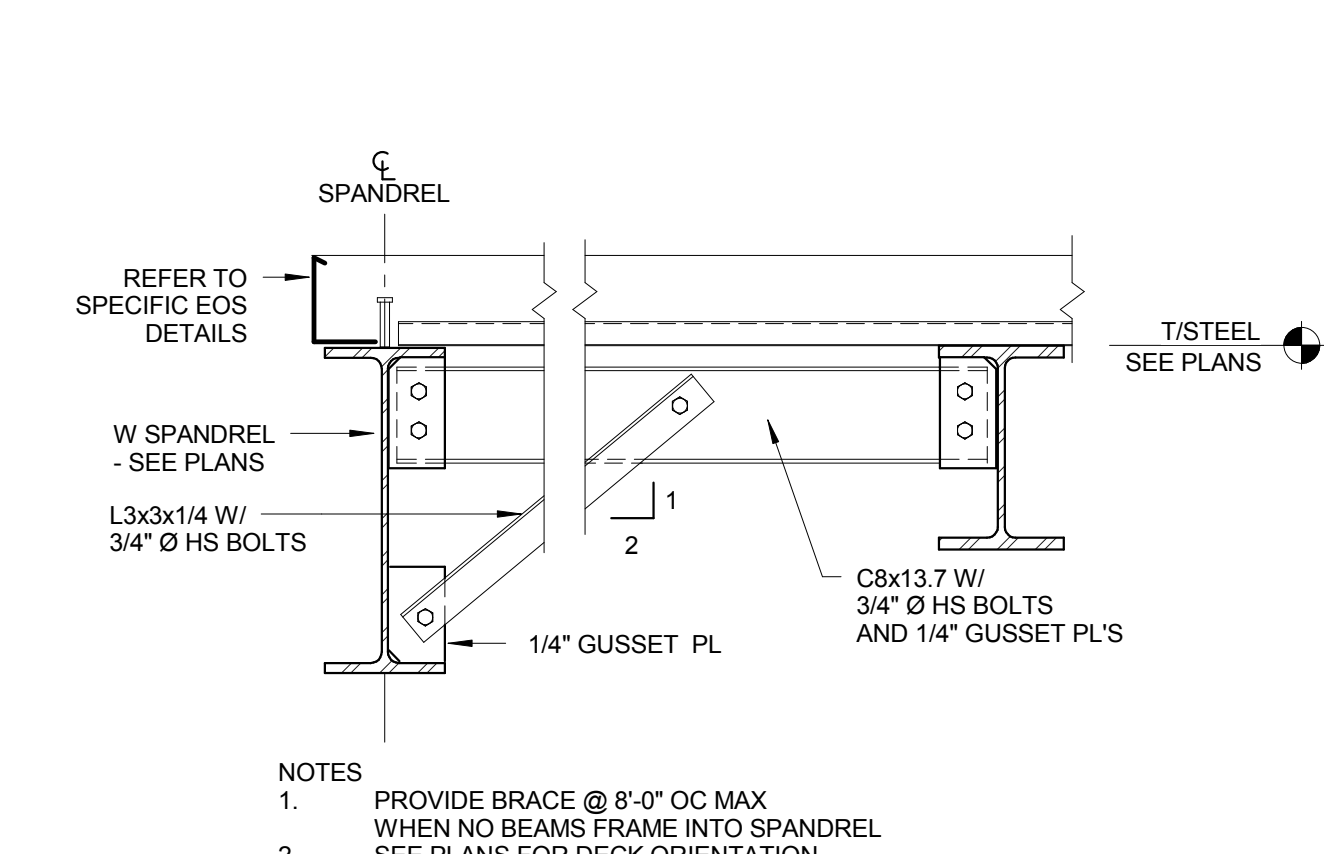
D5 TYPICAL EXTERIOR WALL SECTION
3/4" = 1'-0"



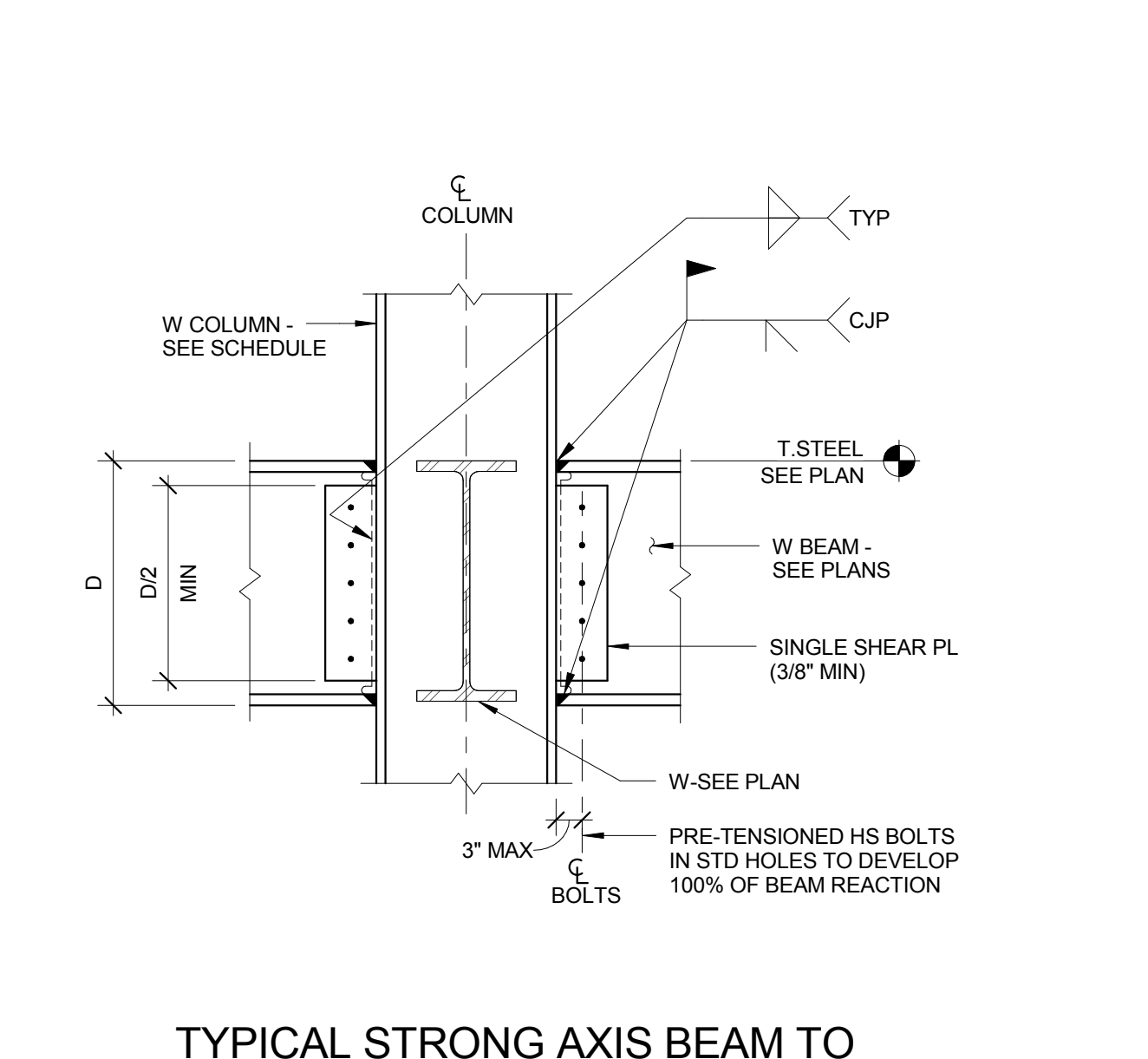
E5 RELIEVING ANGLES AT MASONRY CONTROL JOINTS
3/4" = 1'-0"



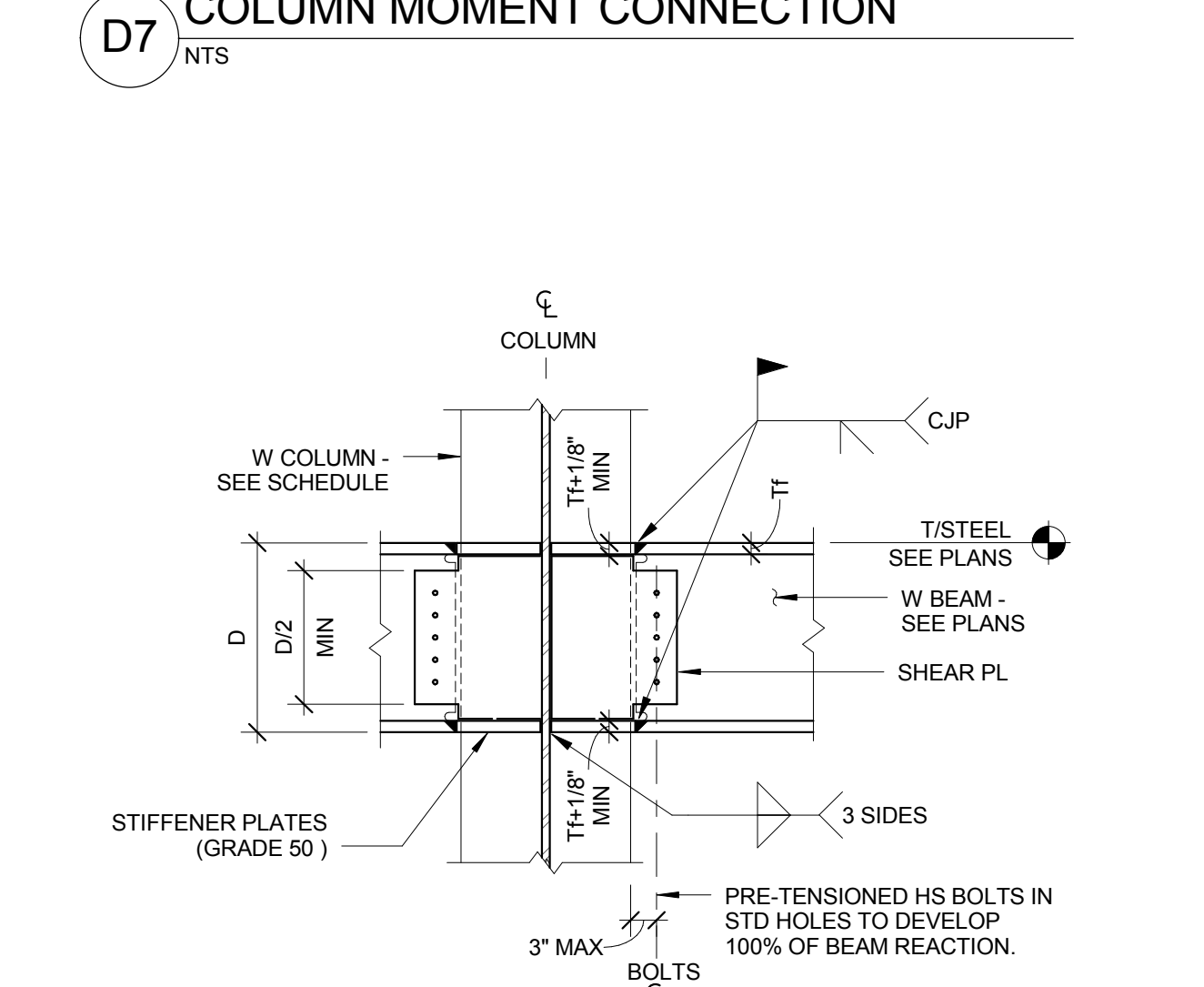
F5 TYPICAL HUNG LINTEL CONNECTION TO COLUMN
3/4" = 1'-0"



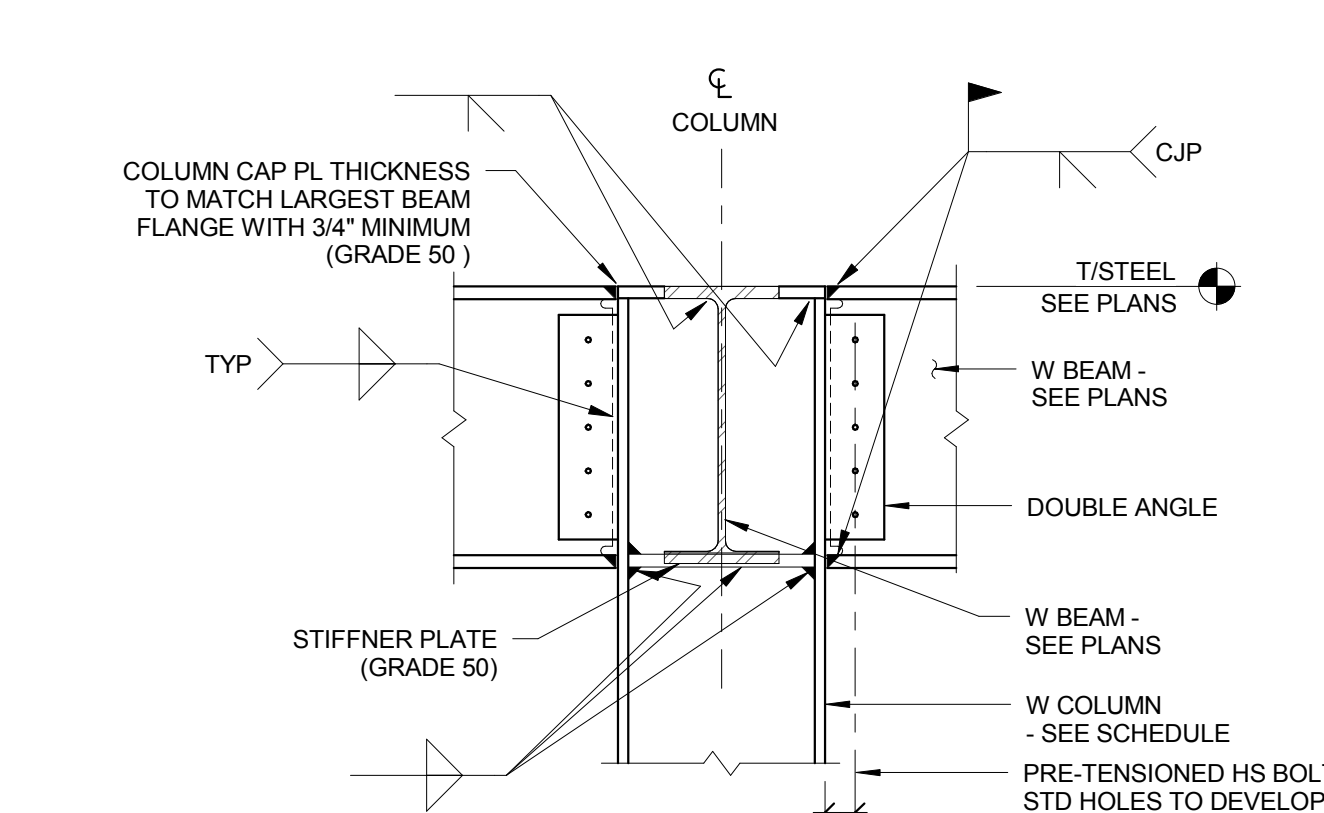
B7 TYPICAL SPANDREL BEAM BRACE
NTS



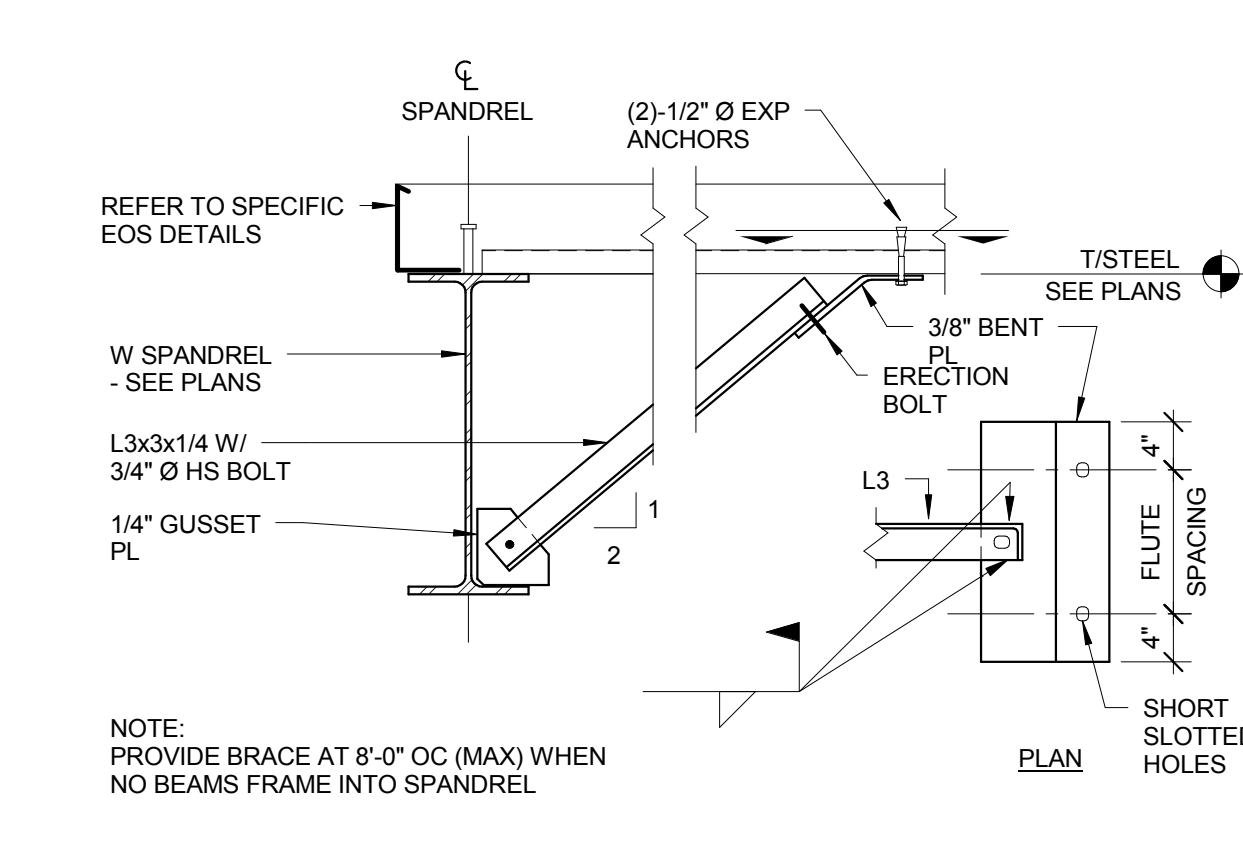
D7 TYPICAL STRONG AXIS BEAM TO COLUMN MOMENT CONNECTION
NTS



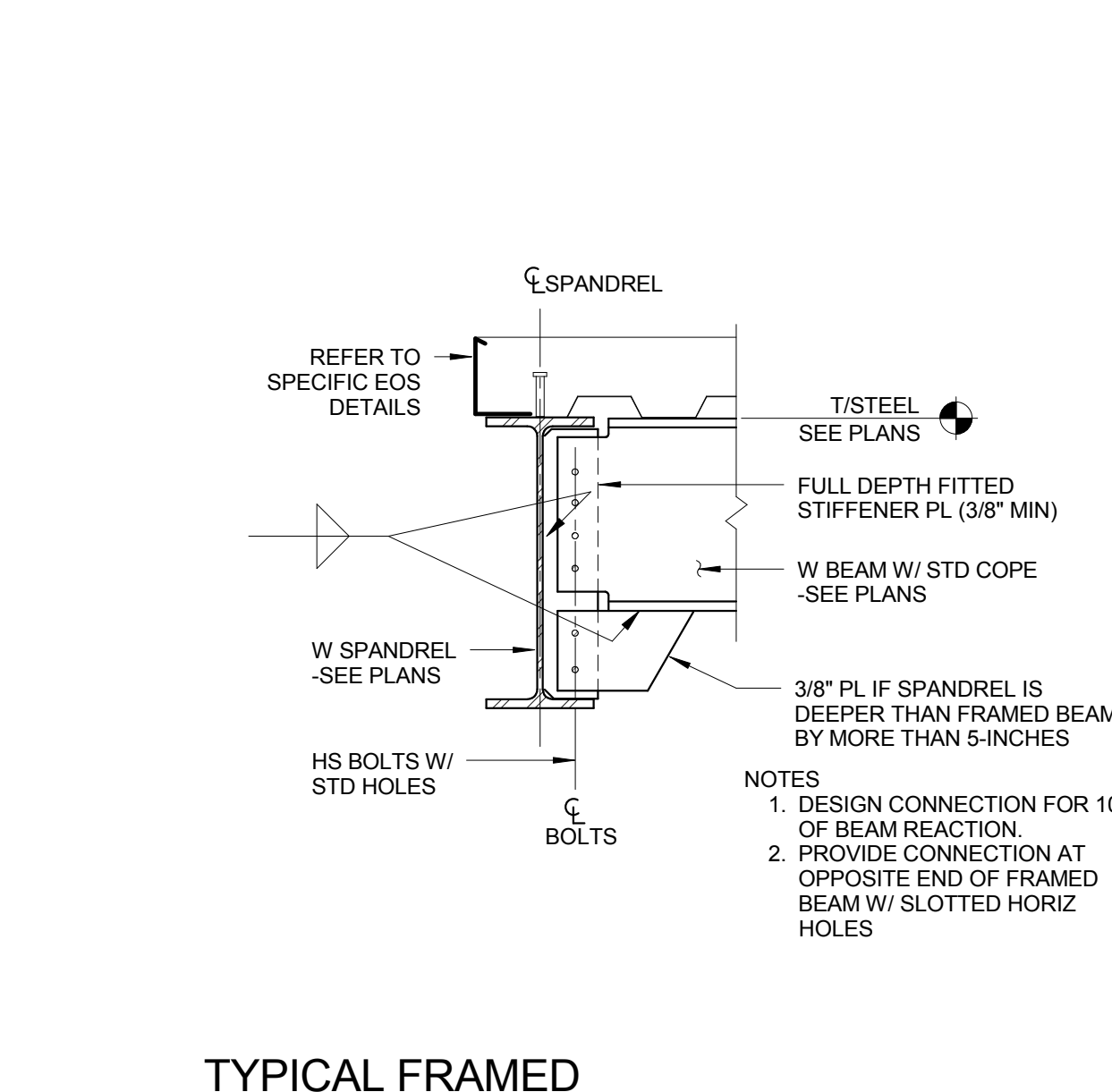
E7 TYPICAL WEAK AXIS BEAM TO COLUMN MOMENT CONNECTION
NTS



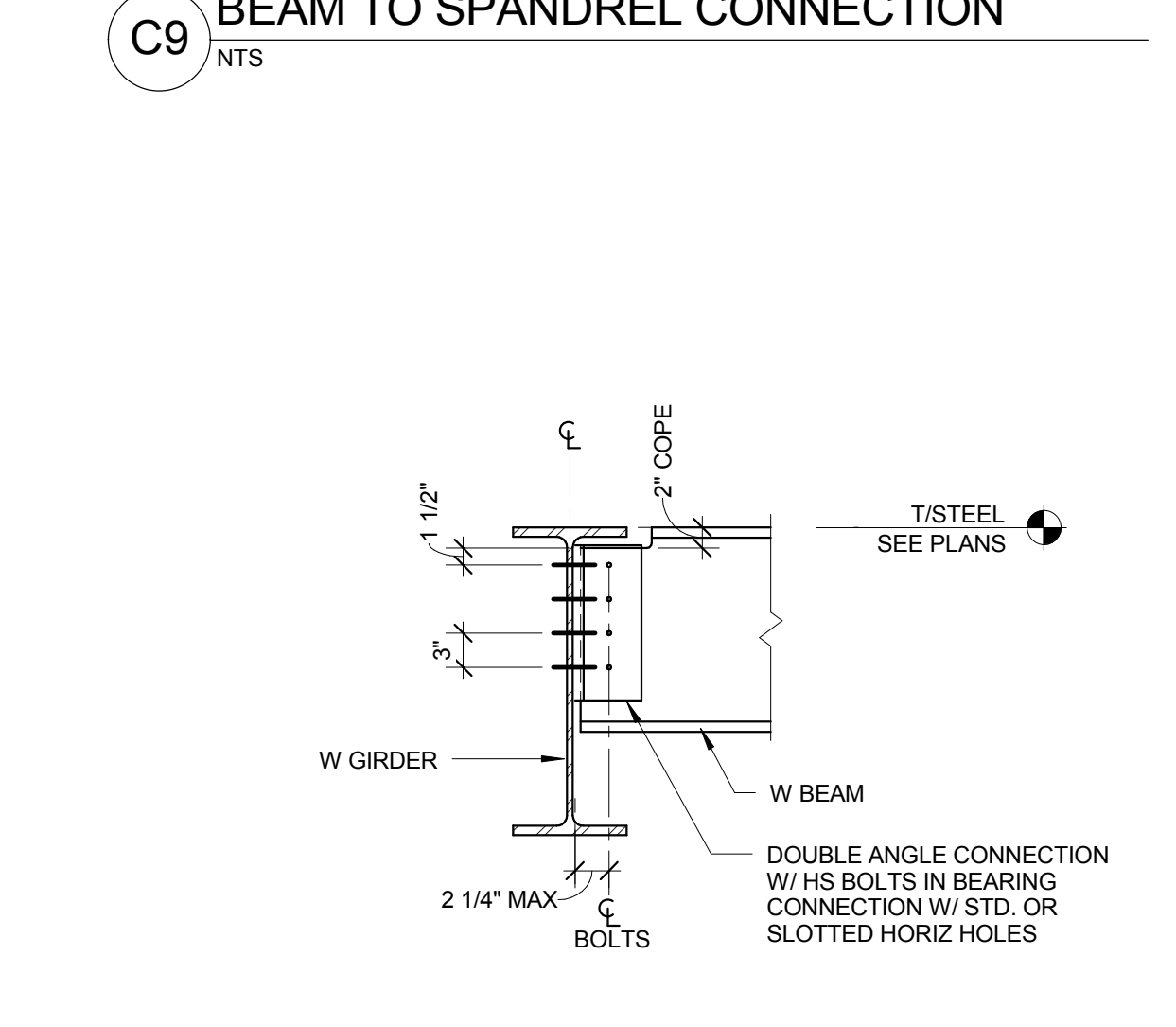
F7 TYPICAL STRONG AXIS BEAM TO COLUMN MOMENT CONNECTION AT ROOF
NTS



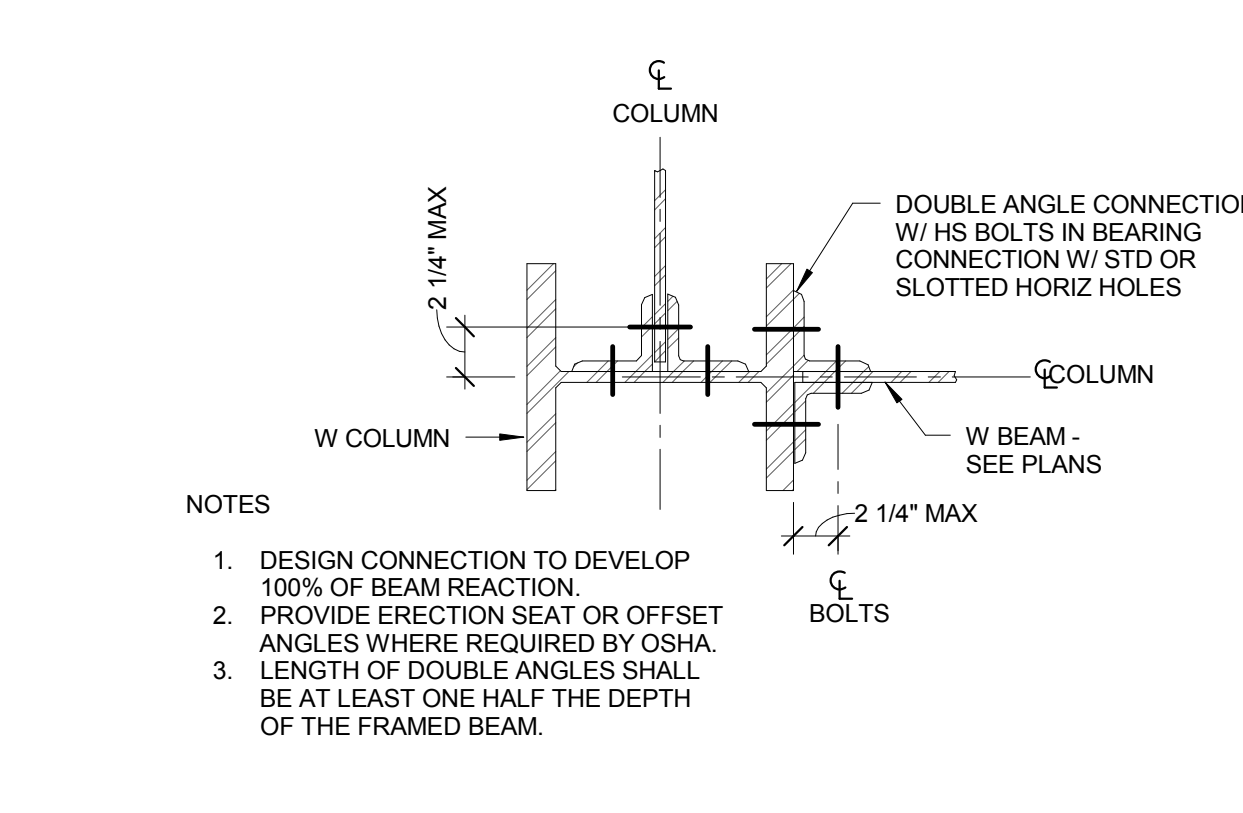
B9 ALTERNATE SPANDREL BEAM BRACE
3/4" = 1'-0"



C9 TYPICAL FRAMED BEAM TO SPANDREL CONNECTION
NTS



E9 TYPICAL FRAMED BEAM CONNECTION
NTS



F9 TYPICAL FRAMED BEAM TO WIDE FLANGE COLUMN CONNECTION
NTS

ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
CONSTRUCTION DOCUMENT - 90% SUBMISSION	04/05/13
FIRE/LIFE SAFETY REVIEW	03/15/13
DESIGN DEVELOPMENT - 60% SUBMISSION (3RD)	11/09/12
DESIGN DEVELOPMENT - 60% SUBMISSION (2ND)	10/05/12
DESIGN DEVELOPMENT - 60% SUBMISSION (1ST)	08/22/12
SCHEMATIC DESIGN - 30% SUBMISSION	09/09/11
Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM 222 RICHMOND AVE BATAVIA, NEW YORK 14020
--

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CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Medical Center Director	DATE	Associate Medical Center Director	DATE
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Project Title	WARD C RENOVATIONS
Building Number	1
Location	V.A.M.C. BATAVIA, NEW YORK

Checked	BA	Drawn	TC
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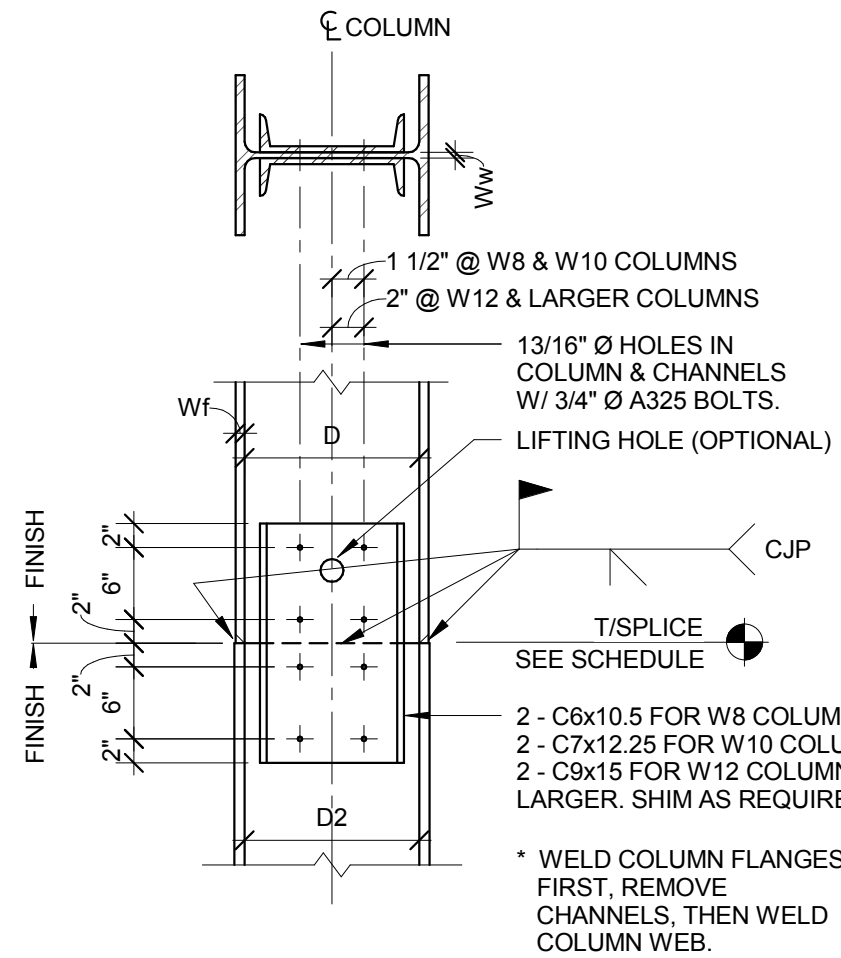
Date	09/09/11
Station No.	528A
353	S501



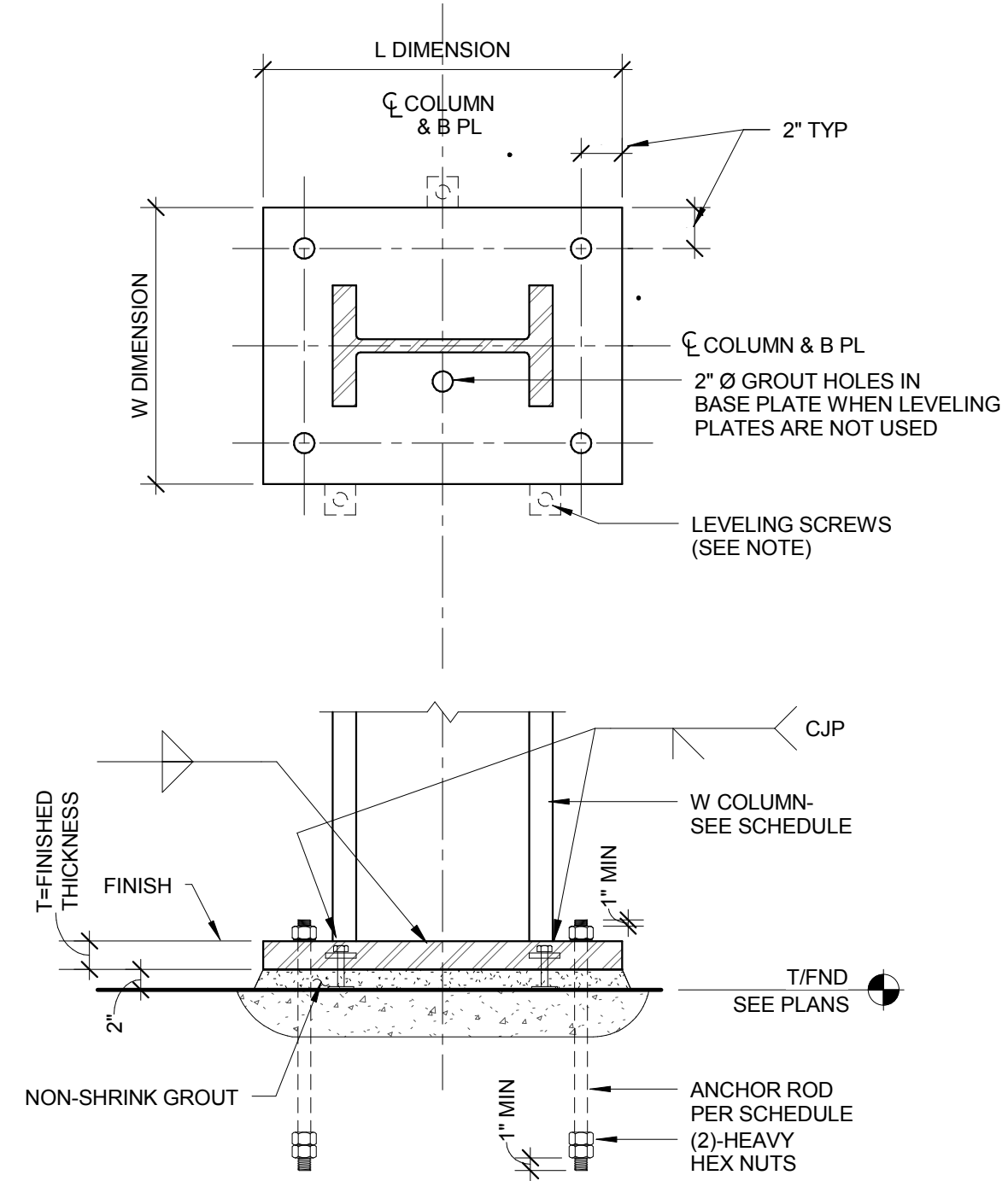
three inches = one foot
one and one-half inch = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

STEEL COLUMN SCHEDULE					
ROOF FRAMING PLAN					ROOF FRAMING PLAN
50'-6"					50'-6"
THIRD FLOOR FRAMING PLAN	W14x61	W14x61	W14x61	W14x61	THIRD FLOOR FRAMING PLAN
37'-6"					37'-6"
SECOND FLOOR					SECOND FLOOR
25'-6"					25'-6"
FIRST FLOOR FRAMING PLAN	W14x159	W14x159	W14x159	W14x159	FIRST FLOOR FRAMING PLAN
11'-6"					11'-6"
GROUND FLOOR					GROUND FLOOR
5'-6"					5'-6"
BASEMENT					BASEMENT
0'					0'
B PL TYPE SIZE (TWxL) AR # AND Ø EMBEDMENT AR GRADE	A 1"x22"x22" (4)-3/4"Ø 24" 36	A 1"x22"x22" (4)-3/4"Ø 18" 36	A 1"x22"x22" (4)-3/4"Ø 18" 36	A 1"x22"x22" (4)-3/4"Ø 18" 36	
Column Locations	E3.7-EK.1	E3.7-EL.1	E5.8-EK.1	E5.8-EL.1	

- STEEL COLUMN SCHEDULE NOTES
- SEE PLANS AND DETAILS FOR TOP OF PIER ELEVATIONS.
 - SEE S001 FOR STEEL NOTES
 - GROUT COLUMN BASE PLATES AFTER BUILDING FRAME HAS BEEN ALIGNED AND PLUMBED AND PRIOR TO PLACEMENT OF CONCRETE FLOOR SYSTEMS.
 - INDICATES SPLICE LOCATION. TOP OF SPLICE 4'-0" ABOVE TOP OF STEEL, UNO.



F6 TYPICAL MOMENT FRAME COLUMN SPLICE D1 = D2



F8 TYPICAL STEEL COLUMN BASE DETAIL - TYPE A

ALTERNATE No. 4	07/01/14
ALTERNATE No. 2 and ALTERNATE No. 3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
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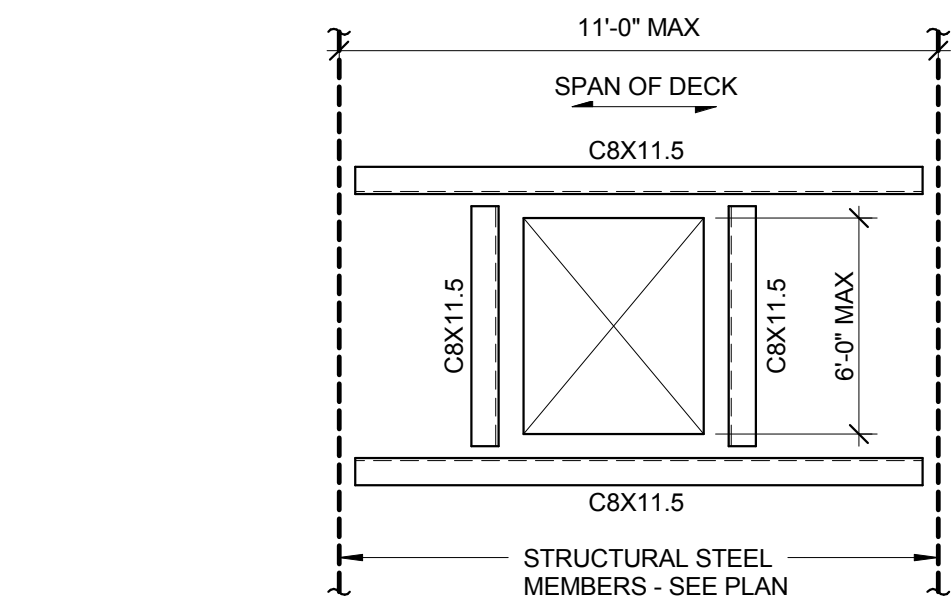
CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title	STEEL COLUMN SCHEDULE AND DETAILS
MEDICAL CENTER DIRECTOR	DATE
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE

Project Title	WARD C RENOVATIONS
Building Number	1
Checked	BA
Drawn	TC
Location	V.A.M.C. BATAVIA, NEW YORK

Date	09/09/11
Station No.	528A
353	S502

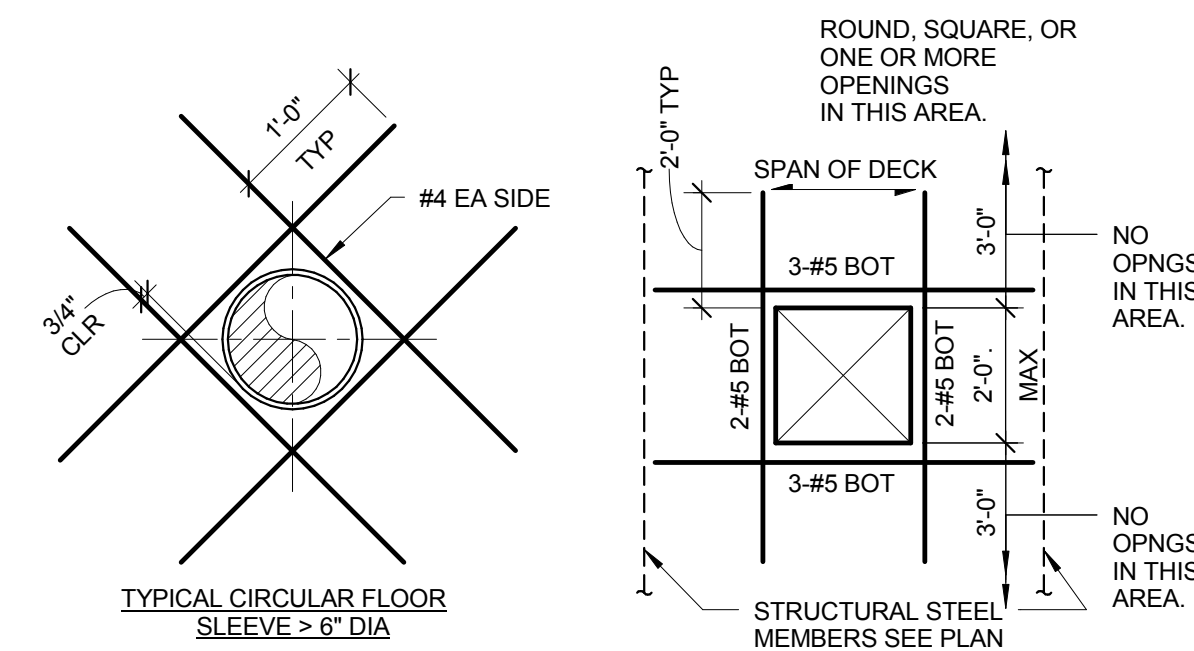




NOTES:
1. COORDINATE EXACT SIZE AND LOCATION OF OPENINGS W/ ARCH AND MEP REQUIREMENTS.

TYPICAL FRAMING AT OPENINGS IN SLAB ON STEEL DECK AND ROOF DECK

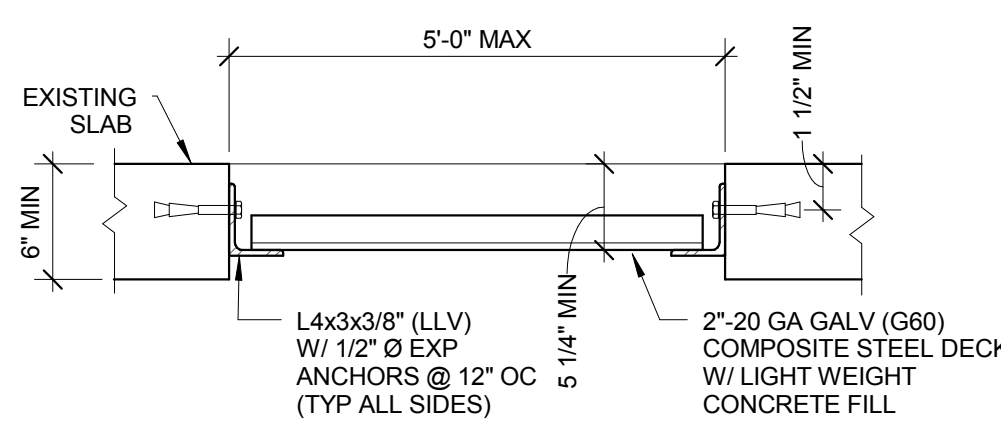
B4
NTS



NOTES:
1. MAXIMUM CIRCULAR OPENING SIZE = 1'-4\"/>

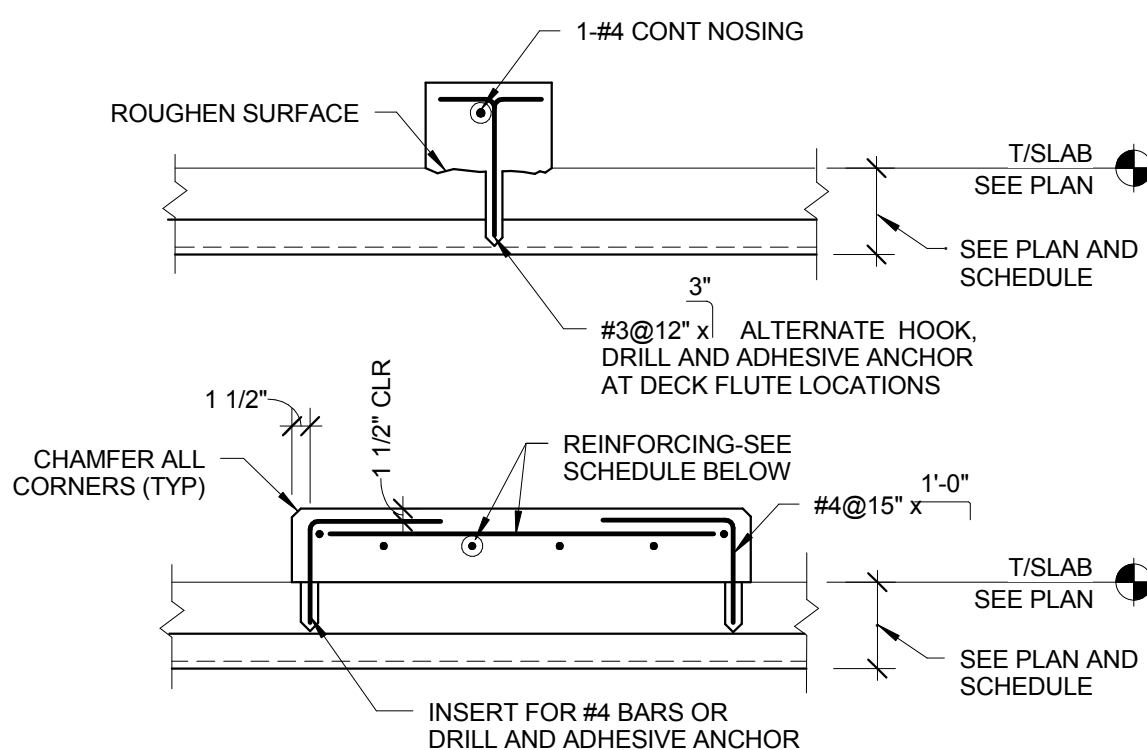
TYPICAL REINFORCED OPENINGS IN SLAB ON STEEL DECK

D4
NTS



E4 EXISTING SLAB OPENING INFILL DETAIL

3/4\"/>

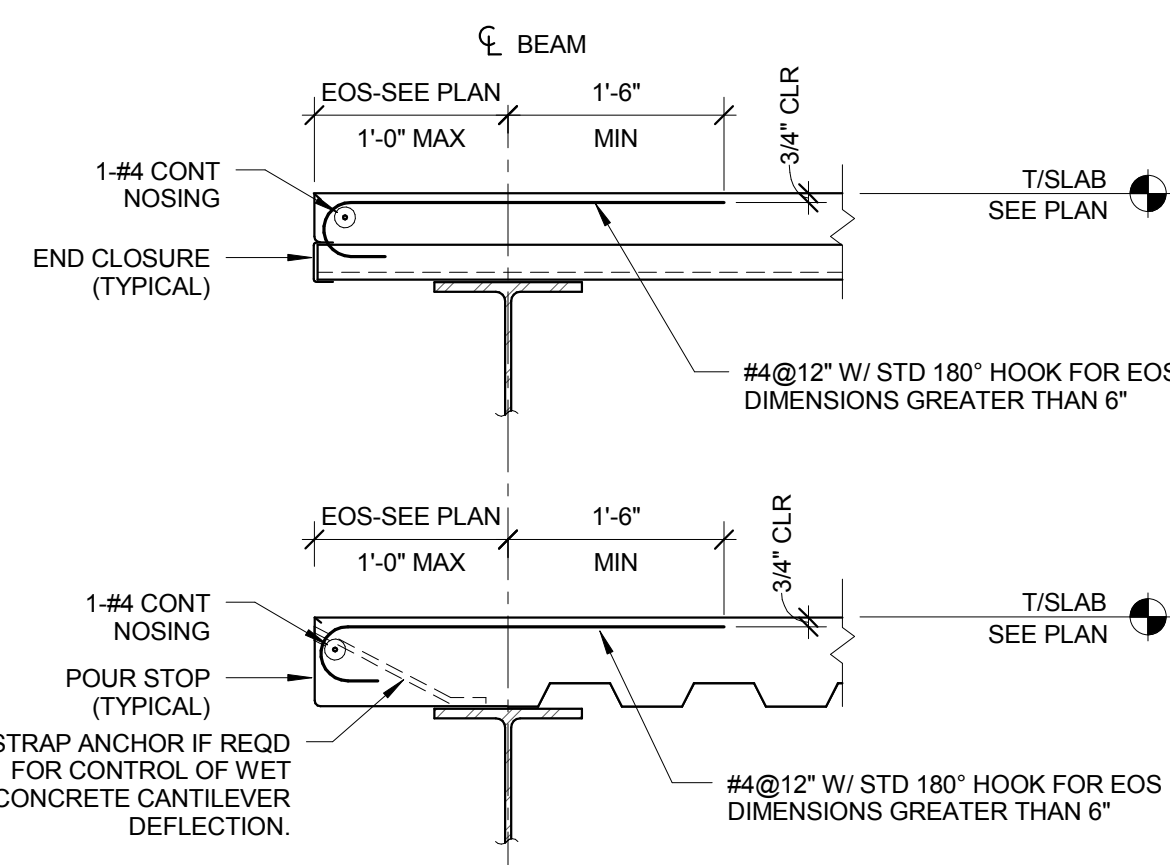


GENERAL NOTE:
SEE MEP DWGS FOR EXACT SIZE AND LOCATION OF CONCRETE PADS AND/OR CURBS

PAD THICKNESS
LESS THAN 4\"/>

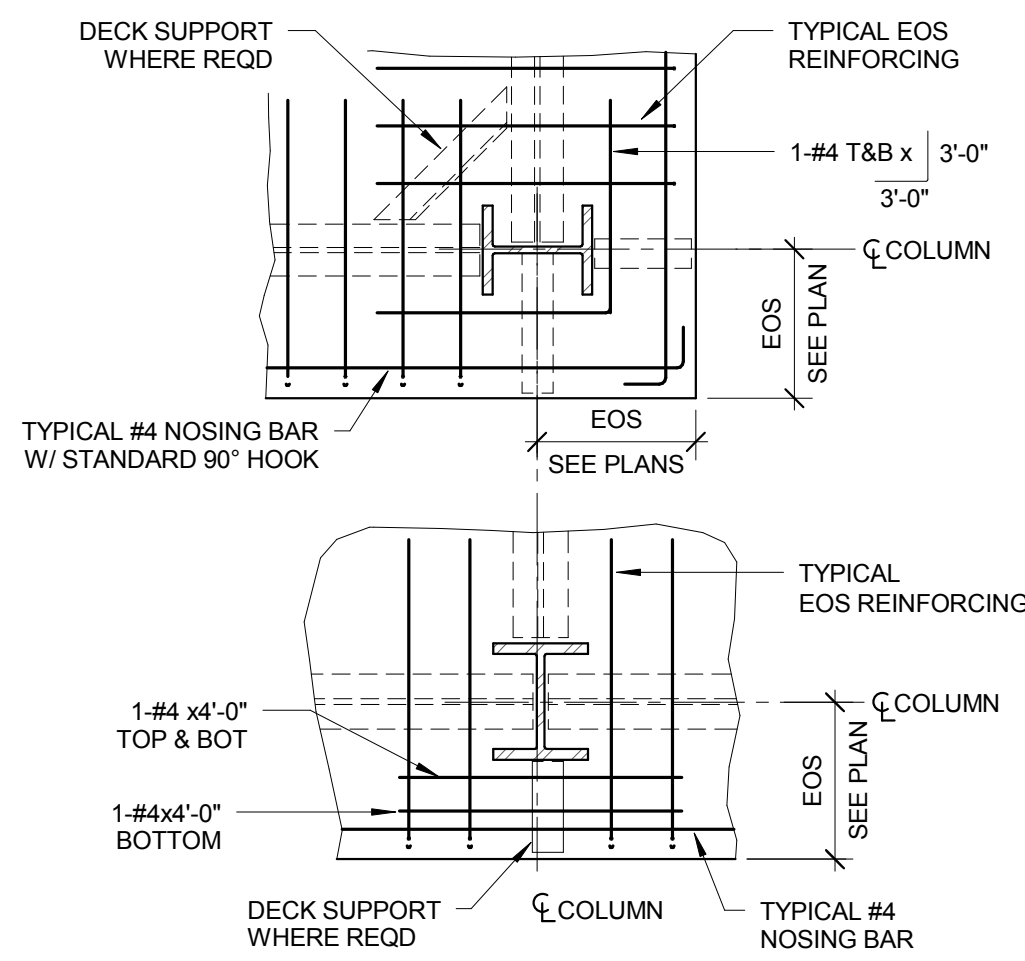
TYPICAL HOUSEKEEPING PAD AND CURB AT SLAB ON STEEL DECK DETAIL

F4
NTS



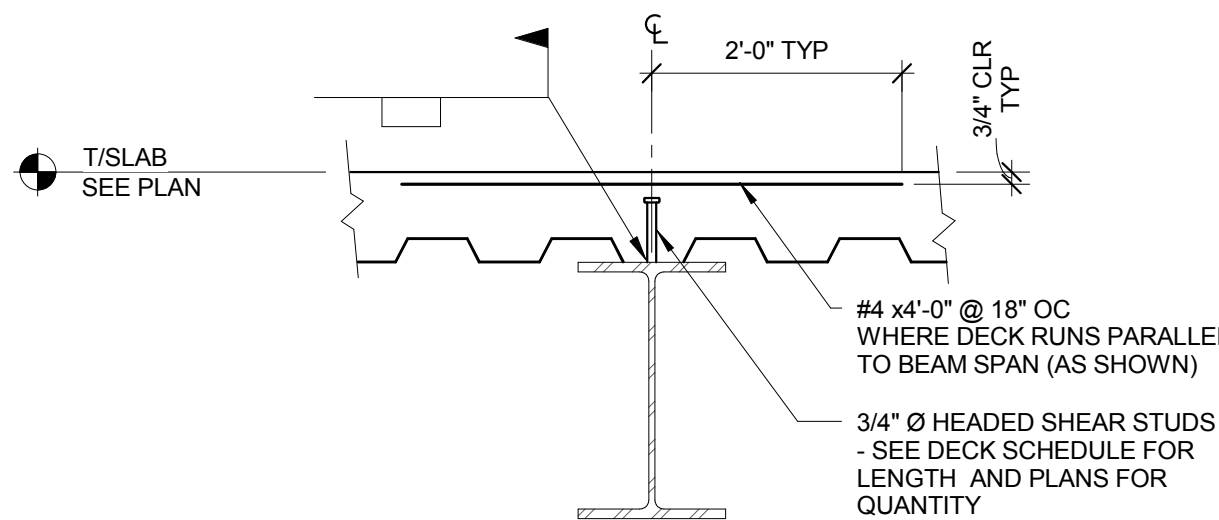
TYPICAL NON-SPANDREL EDGE OF SLAB DETAILS

B6
NTS



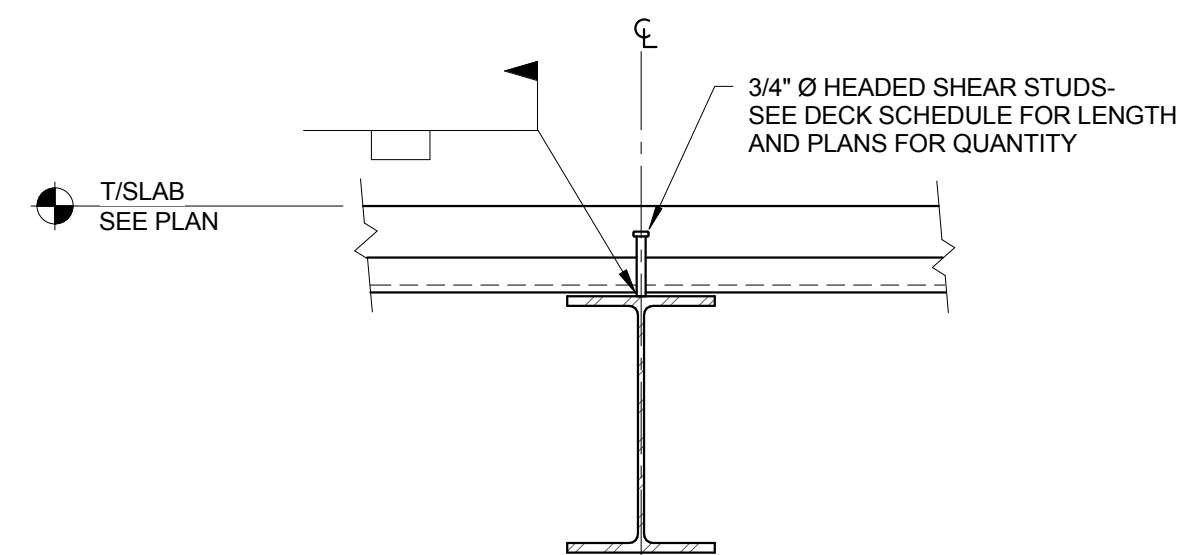
TYPICAL SLAB REINFORCING AT PERIMETER COLUMNS

D6
NTS



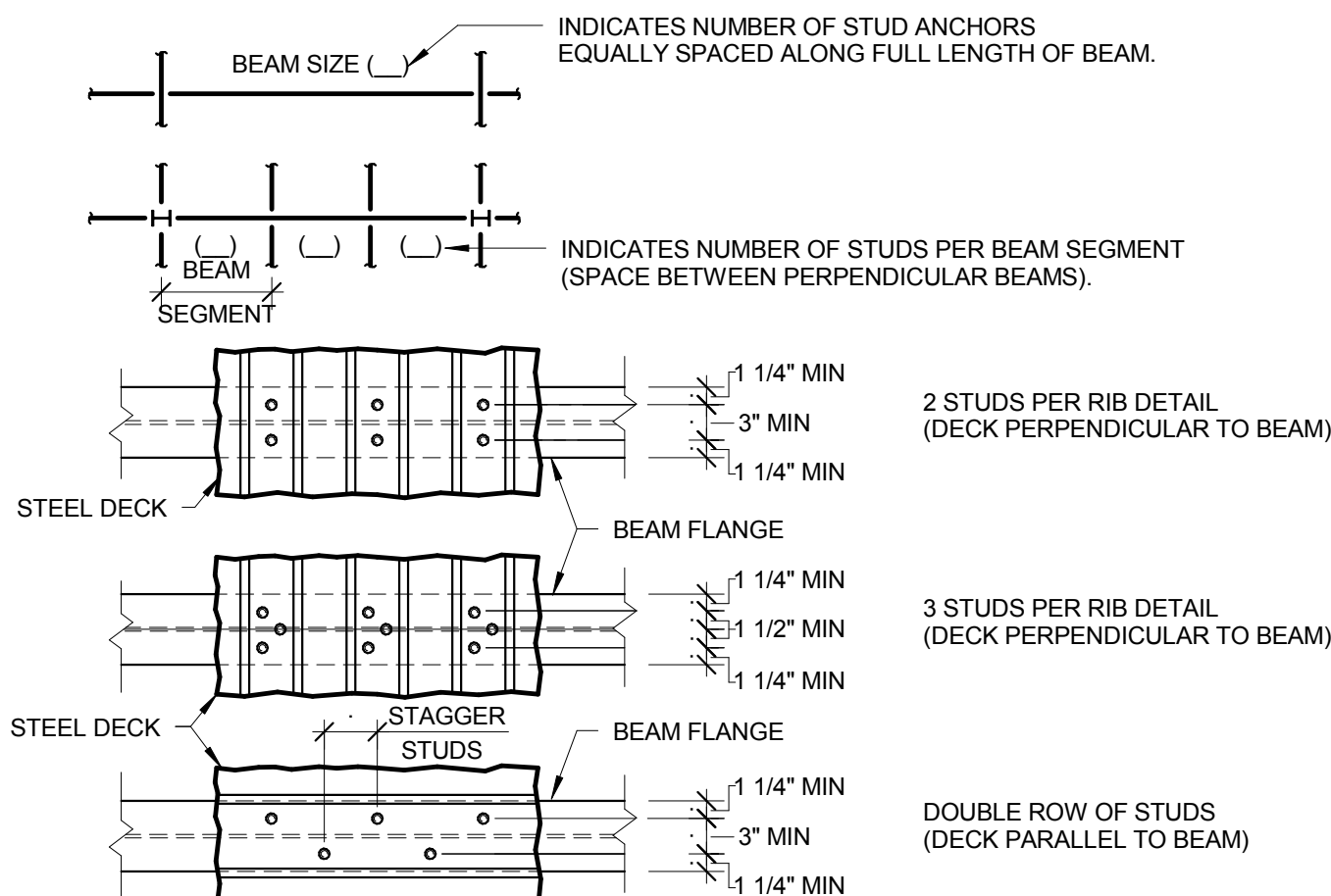
TYPICAL SLAB AND COMPOSITE BEAM DETAIL

E6
NTS

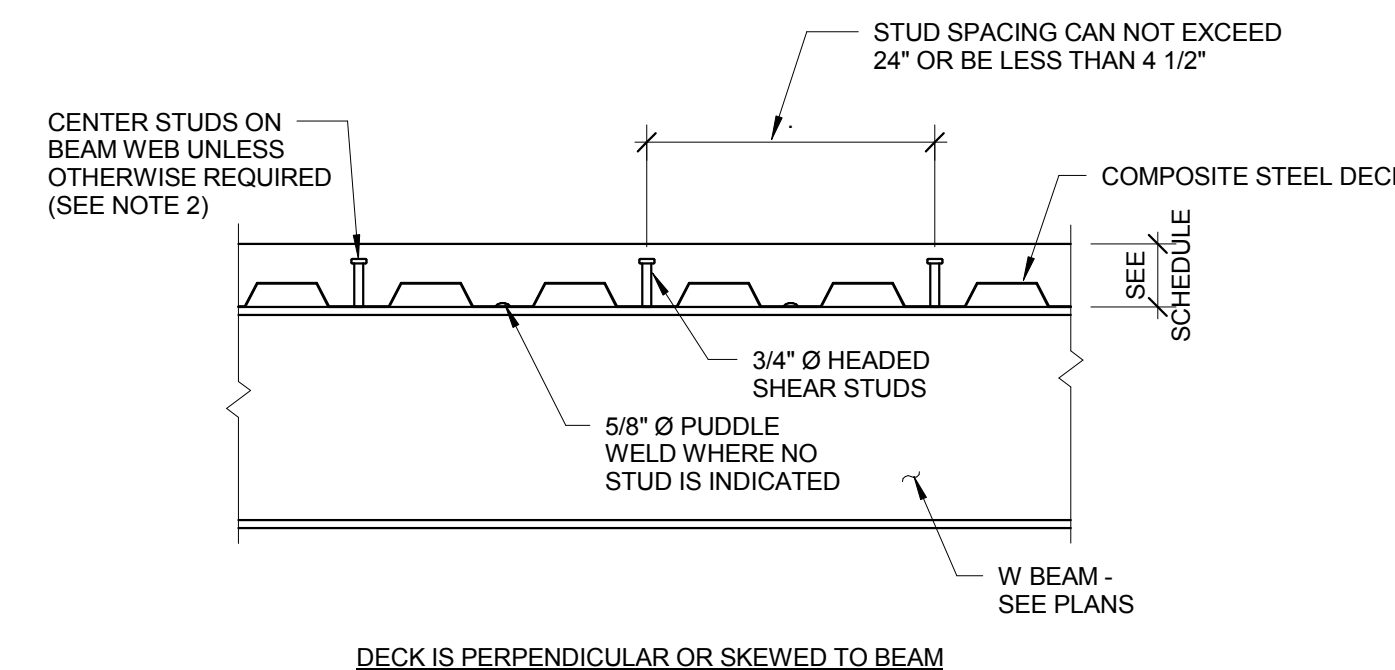


TYPICAL SLAB AND COMPOSITE BEAM DETAIL

F6
NTS



NOTES:
1. SPACE STUDS EQUALLY WITHIN BEAM SEGMENT, WHERE STUD SPACING EXCEEDS 24 INCHES, PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24 INCH MAXIMUM STUD SPACING.
2. PLACE STUDS IN SINGLE ROW UNLESS NUMBER OF STUDS RESULTS IN SPACING LESS THAN 4 1/2 INCHES, WHERE SPACING WOULD BE LESS THAN 4 1/2 INCHES, PROVIDE A DOUBLE ROW OF STUDS IN A STAGGERED PATTERN RATHER THAN SIDE BY SIDE.
3. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS AND EDGE DIMENSIONS AS SHOWN ON PLAN DETAILS ABOVE.



NOTES:
1. SPACE STUDS AS EVENLY AS POSSIBLE IN AVAILABLE DECK FLUTES, WHERE STUD SPACING EXCEEDS 24 INCHES, PROVIDE ADDITIONAL STUDS AS NECESSARY TO MAINTAIN A 24 INCH MAXIMUM STUD SPACING.
2. WHERE THE NUMBER OF STUDS EXCEEDS THE NUMBER OF FLUTES, INSTALL REMAINING STUDS IN DOUBLE OR TRIPLE ROW, STARTING FROM THE BEAM ENDS AND WORKING TOWARD THE CENTER.
3. WHERE BEAM FLANGE THICKNESS IS LESS THAN 0.30\", STUDS MUST BE PLACED AT CENTERLINE OF THE BEAM.
4. MAINTAIN TRANSVERSE SPACING BETWEEN STUDS AND EDGE DIMENSIONS AS SHOWN ON PLAN DETAILS ABOVE.

E8 SHEAR CONNECTOR PLACEMENT DIAGRAMS

NTS

MARK	Total Slab Thickness	Minimum Steel Deck Properties						Concrete Properties		Shear Stud Length
		Deck Type	Gage	I in4	Sp in³	Sn in²	GALV	F'c	Unit Weight (PCF)	
FD01	5 1/4\"/>	2\"/>	18	0.560	0.523	0.529	G60	3000	115	3 1/2\"/>
FD04	6 1/2\"/>	2\"/>	20	0.420	0.367	0.387	G60	3000	145	3 1/2\"/>

COMPOSITE SLAB SCHEDULE NOTES

- SEE PLANS FOR LOCATION OF DECK MARKS.
- PERIMETER FASTENING TO BE EQUAL TO SUPPORT FASTENING ALL AROUND.
- ALL DECK TYPES RECEIVE 24 POUNDS OF BLENDED FIBER REINFORCEMENT PER CUBIC YARD. UNO.
- SIDLAPS AT 36\"/>

COMPOSITE SLAB SCHEDULE AND NOTES

NTS

ALTERNATE No.4	07/01/14
ALTERNATE No.2 and ALTERNATE No.3	06/19/14
CONSTRUCTION DOCUMENT - 100% SUBMISSION	07/19/13
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Architect CANNON PROJECT #: 3526.00

stamp

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SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title
STEEL DECK DETAILS

Project Title
WARD C RENOVATIONS

Date
09/09/11

Station No.
528A

Building Number
1

Checked
BA

Drawn
TC

Location
V.A.M.C. BATAVIA, NEW YORK

353

S503

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