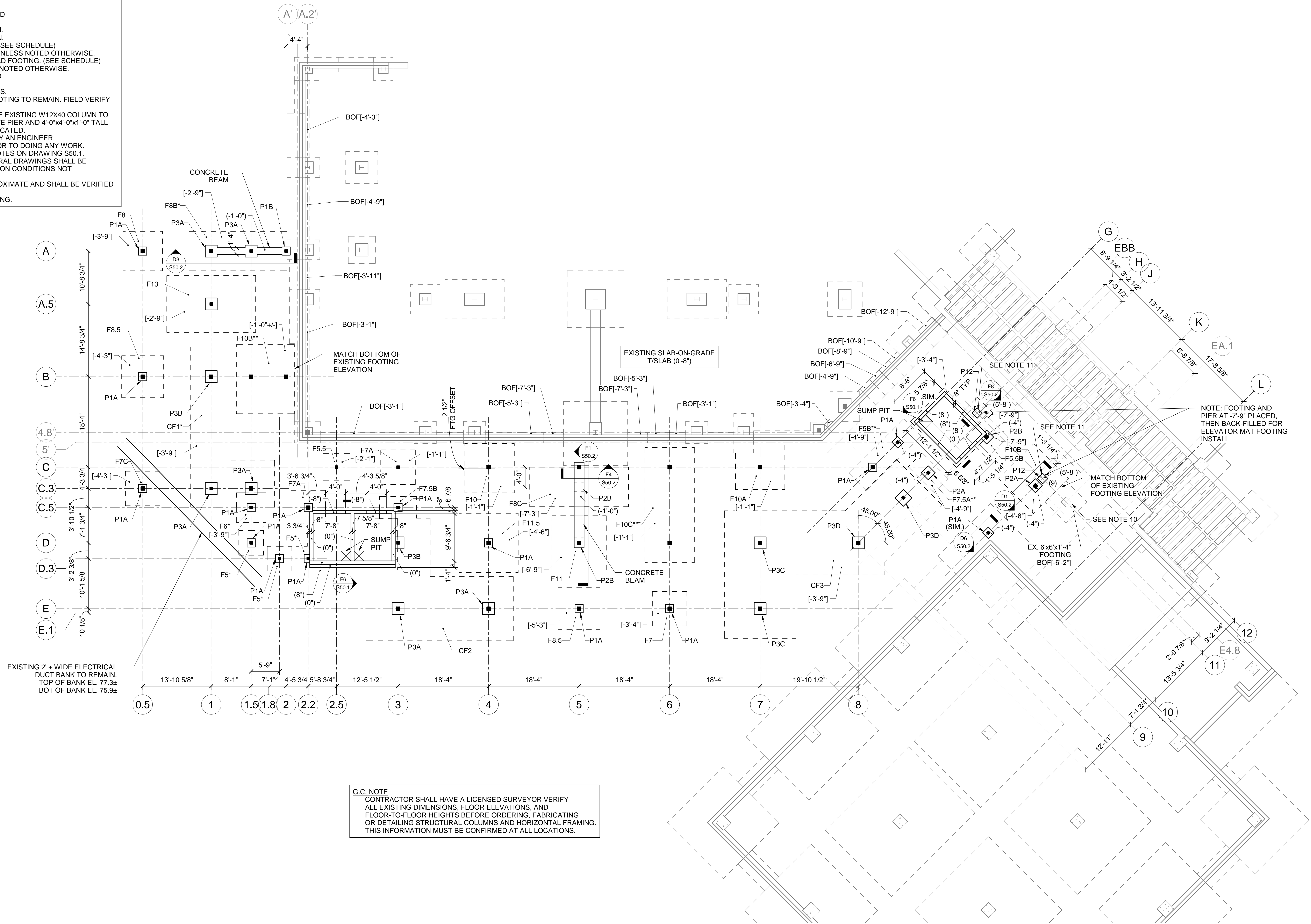


A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

- FOUNDATION NOTES:
1. TOP OF CONCRETE ELEVATION IS REFERENCED (4'-) FROM ELEVATION 78.63' (0'-0").
  2. (-X') INDICATES TOP OF CONCRETE ELEVATION.
  3. [-X'-Y"] INDICATES TOP OF FOOTING ELEVATION.
  4. PX INDICATES REINFORCED CONCRETE PIER. (SEE SCHEDULE)
  5. TOP OF CONCRETE PIER ELEVATION = (-1'-0") UNLESS NOTED OTHERWISE.
  6. FX INDICATES REINFORCED CONCRETE SPREAD FOOTING. (SEE SCHEDULE)
  7. TOP OF FOOTING ELEVATION = [-4'-0"] UNLESS NOTED OTHERWISE.
  8. PIERS AND SPREAD FOOTINGS ARE CENTERED ON COLUMNS UNLESS NOTED OTHERWISE.
  9. SEE S31.1 FOR ALTERNATE FOUNDATION PLANS.
  10. EXISTING 18"x18" CONCRETE COLUMN AND FOOTING TO REMAIN. FIELD VERIFY ELEVATIONS.
  11. EXISTING W12X40 COLUMN TO REMAIN. SHORE EXISTING W12X40 COLUMN TO REMOVE EXISTING 18"x18"x7'-0" TALL CONCRETE PIER AND 4'-0"x4'-0"x1'-0" TALL FOOTING. REBUILD PIER AND FOOTING AS INDICATED.
  12. G.C. TO SUBMIT SHORING PLANS PREPARED BY AN ENGINEER LICENSED IN RHODE ISLAND FOR REVIEW PRIOR TO DOING ANY WORK.
  13. SEE ADDITIONAL APPLICABLE FOUNDATION NOTES ON DRAWING S50.1.
  14. SECTIONS AND DETAILS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR FOUNDATION CONDITIONS NOT SPECIFICALLY REFERENCED.
  15. +/- DIMENSIONS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY G.C. BEFORE PROCEEDING WITH WORK.
  16. BOF[0] INDICATES BOTTOM OF EXISTING FOOTING.



G.C. NOTE  
CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY ALL 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.

F2 FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"

SCALE: 0 4' 8' 12' 1/8" = 1'-0"	Revisions: <table><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>													CONSULTANT <table><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr><tr><td> </td></tr></table>							ARCHITECT/ENGINEER OF RECORD <table><tr><td></td><td>Autumn, ME 207.784.5100 Portland, ME 207.775.0053 Portsmouth, NH 603.636.1242 Boston, MA 617.426.5050</td></tr><tr><td>HARRIMAN</td><td>© 2019 HA PROJECT NUMBER: 13586</td></tr></table>		Autumn, ME 207.784.5100 Portland, ME 207.775.0053 Portsmouth, NH 603.636.1242 Boston, MA 617.426.5050	HARRIMAN	© 2019 HA PROJECT NUMBER: 13586	STAMP <table><tr><td>JAMES FORTIN No. 12298 REGISTERED PROFESSIONAL ENGINEER CIVIL</td></tr></table>	JAMES FORTIN No. 12298 REGISTERED PROFESSIONAL ENGINEER CIVIL	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FOUNDATION PLAN, NOTES AND DETAILS Approved: _____	Phase FINAL CONSTRUCTION DOCUMENTS  SPRINKLERED	Project Title CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE Location PROVIDENCE, RHODE ISLAND Issue Date 2-22-19 Checked RMP/JCF Drawn MRM	Project Number 650-337 Building Number 1 Drawing Number S10.1
	Autumn, ME 207.784.5100 Portland, ME 207.775.0053 Portsmouth, NH 603.636.1242 Boston, MA 617.426.5050																															
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VA FORM 08-6231



FRAMING PLAN NOTES:

1. TOP OF STEEL ELEVATION IS (23'-1") REFERENCED FROM ELEVATION 78.63' (0'-0") U.N.O.
2. SEE ADDITIONAL APPLICABLE FRAMING NOTES ON DRAWING S60.1.
3. ALL STEEL BEAMS TO CONFORM TO ASTM A992 (Fy=50KSI).
4. ALL RECTANGULAR HSS COLUMNS TO CONFORM TO ASTM A500 (GR. B)(Fy=48 KSI).
5. --- INDICATES DIAGONAL STEEL BRACING. SEE S40.2 FOR BRACING ELEVATIONS.
6. S1 INDICATES SPAN OF 6" CONCRETE SLAB ON 1 1/2" - 18 GA. COMPOSITE DECK (GALVANIZED) REINFORCE W/ 6x6-W2.1xW2.1 WWF.
7. SEE S40.1 FOR COLUMN AND BASE PLATE SCHEDULES.
8. (6) INDICATES NUMBER OF 3/4" DIA. x 4" LONG WELDED SHEAR STUDS.
9. --- DENOTES MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED FOR FULL MOMENT CAPACITY OF BEAM.
10. V.I.F. = VERIFY IN FIELD.
11. G.C. COORDINATE ALL FRAMING PENETRATIONS.
12. SEE S31.1 FOR ALTERNATE FRAMING PLANS.
13. --- INDICATES SLAB BONDOUT AT RECESSED TRACK RAIL AT MOVABLE STORAGE. COORDINATE BONDOUT SIZE/RAIL LAYOUT W/ SUPPLIER.
14. G.C./STEEL FABRICATOR TO COORDINATE CONNECTION DESIGN AT BEAMS/COLUMNS ADJACENT TO EXISTING BUILDING.
15. +/- DIMENSIONS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY G.C. BEFORE PROCEEDING WITH WORK.
16. BEAMS ARE SPACED EQUALLY BETWEEN COLUMN GRIDS UNLESS NOTED OTHERWISE ON PLANS.
17. ALL HSS CMU SUPPORT BEAMS SHALL HAVE 3/4" Ø SHEAR STUDS 6" LONG AT 16" O.C.
18. SEE CONNECTION SCHEDULE ON S40.1 FOR BEAM END REACTIONS.

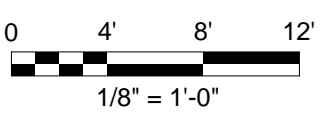
CYSTOSCOPY TABLE  
SUPPORT ZONE  
MAX. CAPACITY 600 PSF

G.C. NOTE  
CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY ALL 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 FLOORS

F2 SECOND FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

SCALE:



Revisions:	Date:

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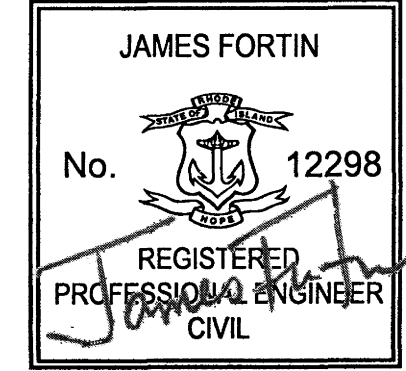
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Office of  
Construction  
and Facilities  
Management

U.S. Department  
of Veterans  
Affairs

Drawing Title  
SECOND FLOOR FRAMING

Approved:

Phase  
FINAL CONSTRUCTION  
DOCUMENTS

SPRINKLERED

Project Title  
CONSTRUCT CLEAN CORE ADDITION TO  
SURGICAL SUITE

Location  
PROVIDENCE, RHODE ISLAND

Issue Date  
2-22-19

Checked  
RMP/JCF

Drawn  
MRM


Project Number  
650-337

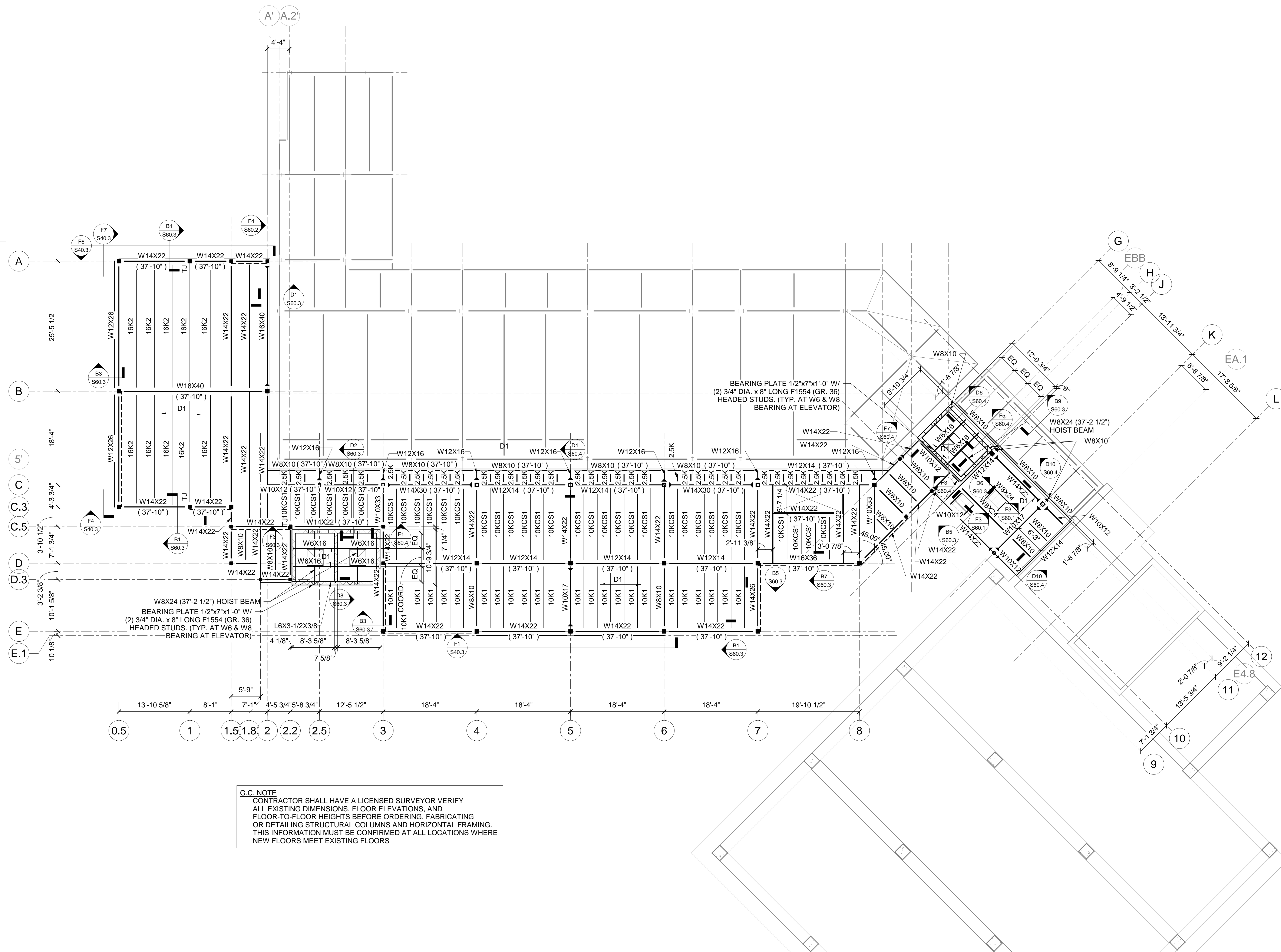
Building Number  
1

Drawing Number

S20.2




1. TOP OF STEEL ELEVATION IS (38'-0 1/2") REFERENCED FROM ELEVATION 78.63' (0'-0") U.N.O.
2. SEE ADDITIONAL APPLICABLE FRAMING NOTES ON DRAWING S60.1.
3. ALL STEEL BEAMS TO CONFORM TO ASTM A992 (Fy=50KSI).
4. ALL RECTANGULAR HSS COLUMNS TO CONFORM TO ASTM A500 (GR. B)(Fy=48 KSI).
5. ----- INDICATES DIAGONAL STEEL BRACING. SEE S40.2 FOR BRACING ELEVATIONS.
6. D1 INDICATES SPAN OF 1/2" - 18 GA. TYPE B ROOF DECK (GALVANIZED).
7. SEE S40.1 FOR CHORD DIM AND BASE PLATE SCHEDULES.
8. G.C. COORDINATE ALL FRAMING PENETRATIONS.
9. SEE S31.1 FOR ALTERNATE FRAMING PLANS.
10.  INDICATES MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED FOR FULL MOMENT CAPACITY OF BEAM.
11. G.C./STEEL FABRICATOR TO COORDINATE CONNECTION DESIGN AT BEAMS/COLUMNS ADJACENT TO EXISTING BUILDING.
12. ALL CONNECTIONS SHALL BE CONSIDERED APPROXIMATE AND SHALL BE VERIFIED BY G.C. BEFORE PROCEEDING WITH WORK.
13. "TJ" INDICATES BOLTED TO JOIST. SEE S5/S60.1.
14. PROVIDE STEEL JOIST BRIDGING PER SJI REQUIREMENTS.
15. PROVIDE UPLIFT BRIDGING AT FIRST BOTTOM CHORD PANEL POINT (TYP.) NET UPLIFT PRESSURE = X KPSF.
16. BEAMS AND JOISTS ARE TO BE SPACED EQUALLY BETWEEN COLUMN LINES UNLESS NOTED OTHERWISE ON PLANS.
17. SEE CONNECTION SCHEDULE ON S40.1 FOR BEAM END REACTIONS.



G.C. NOTE  
CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY ALL 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 FLOORS

[illegible]

HA PROJECT NUMBER: 13586

**JAMES FORTIN**  
No.  12298  
REGISTERED  
PROFESSIONAL ENGINEER  
CIVIL

VA

Approved:

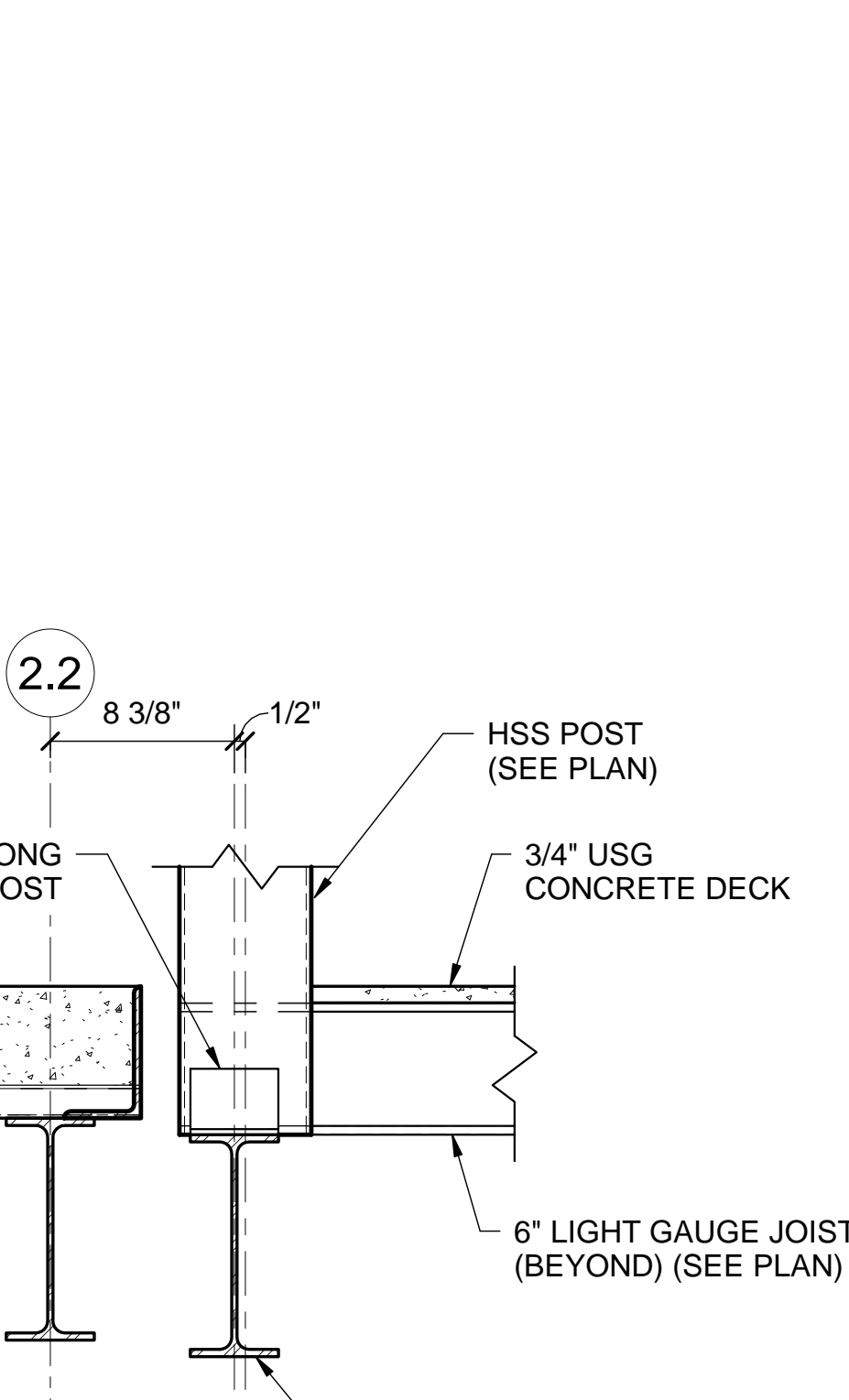
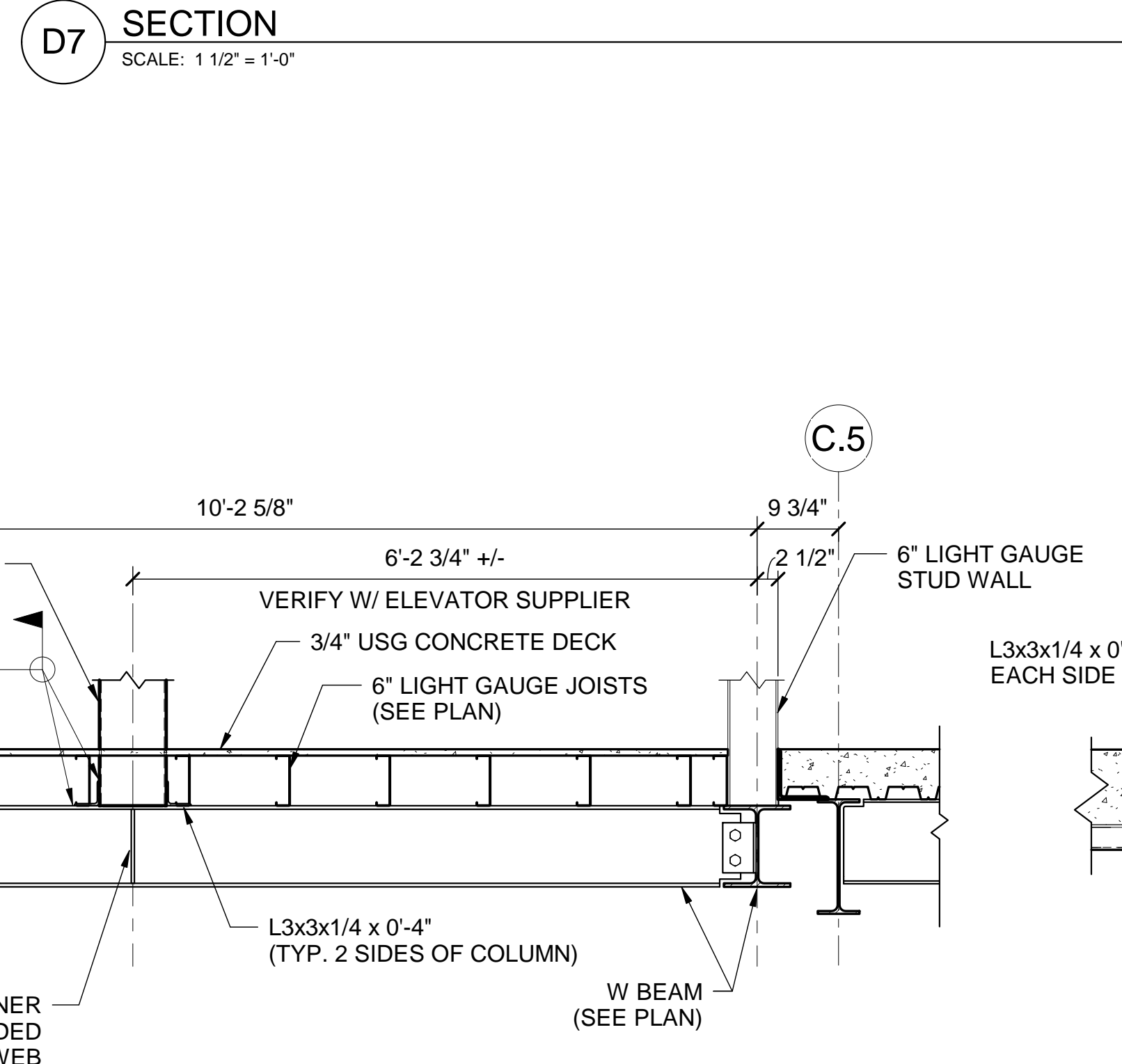
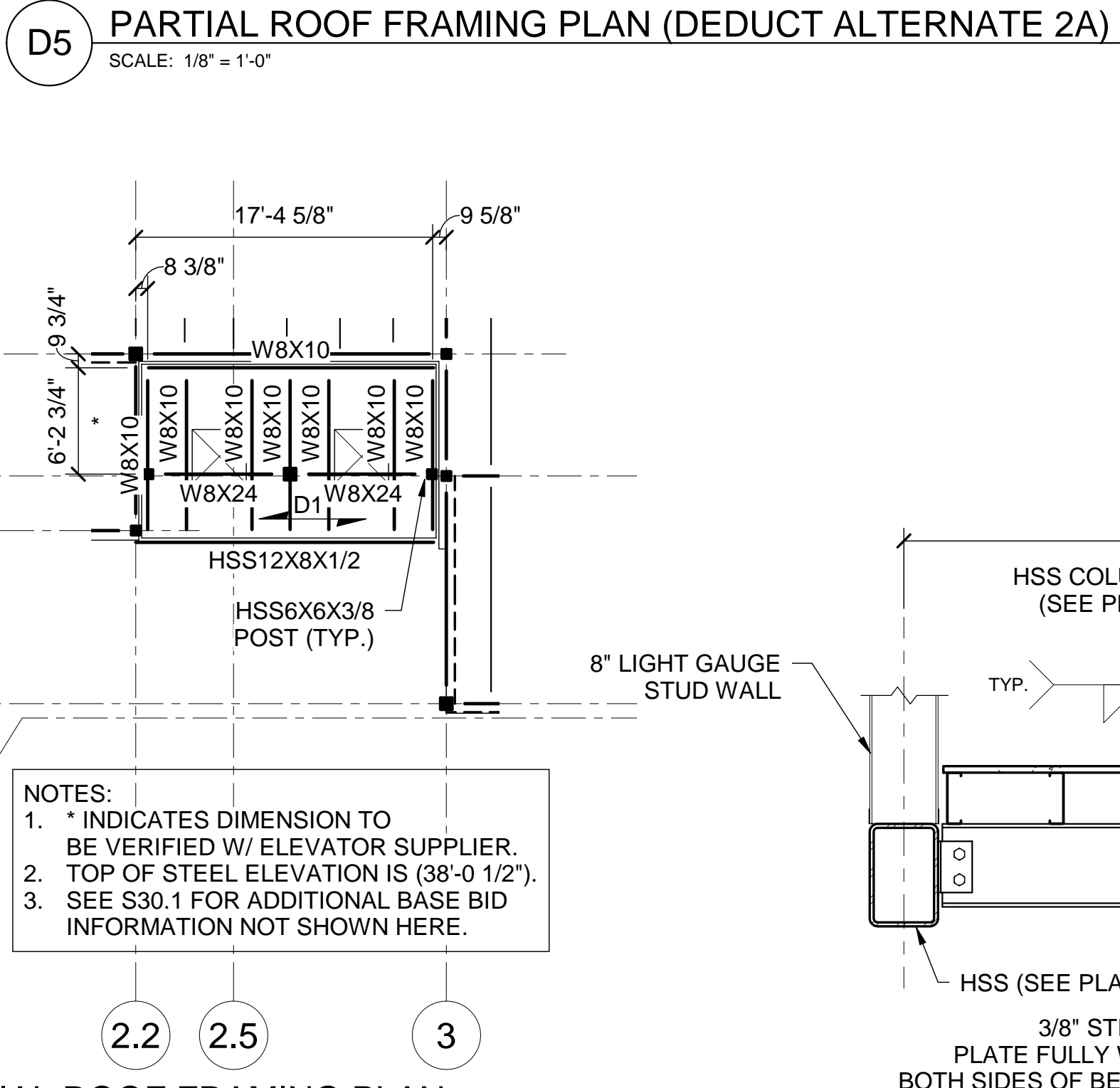
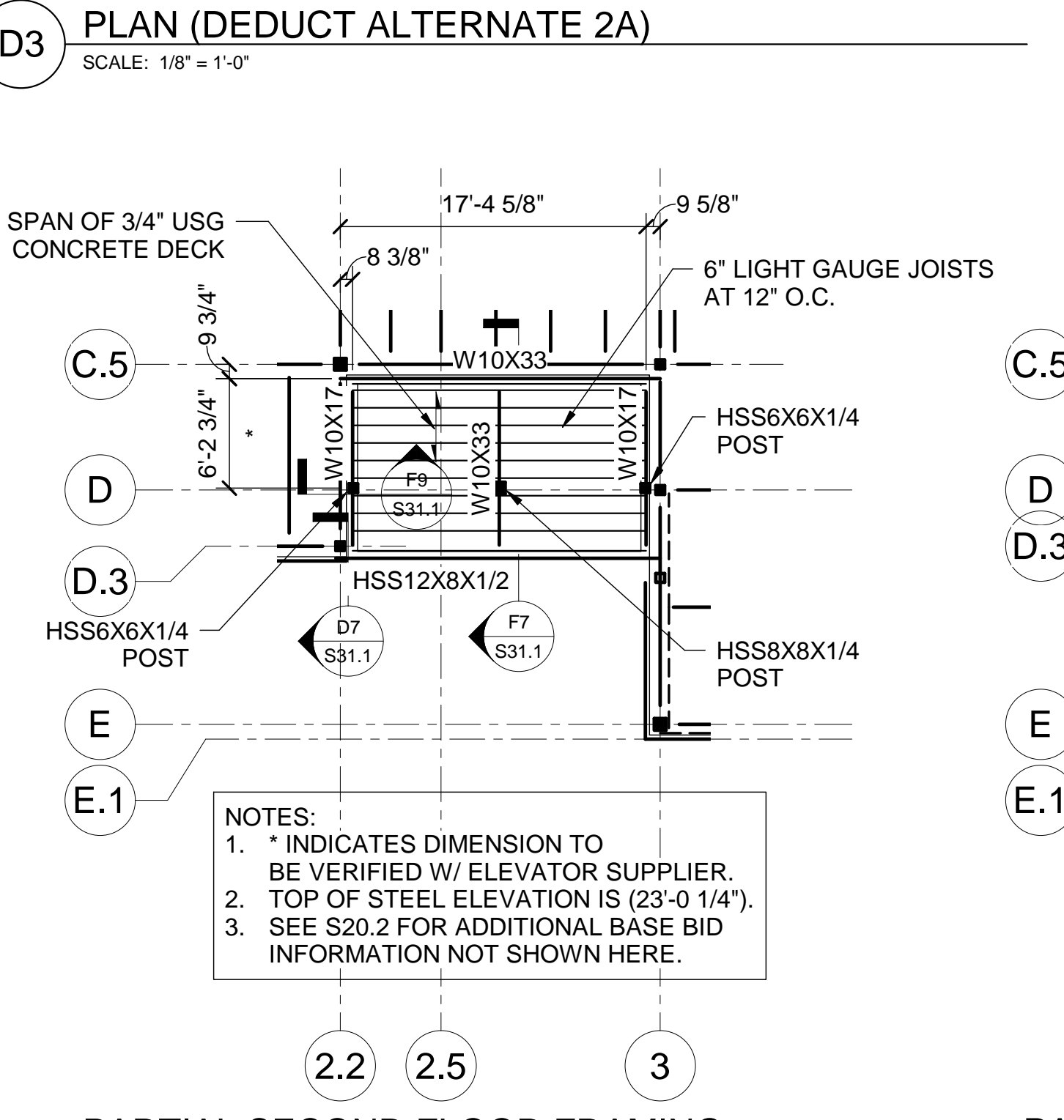
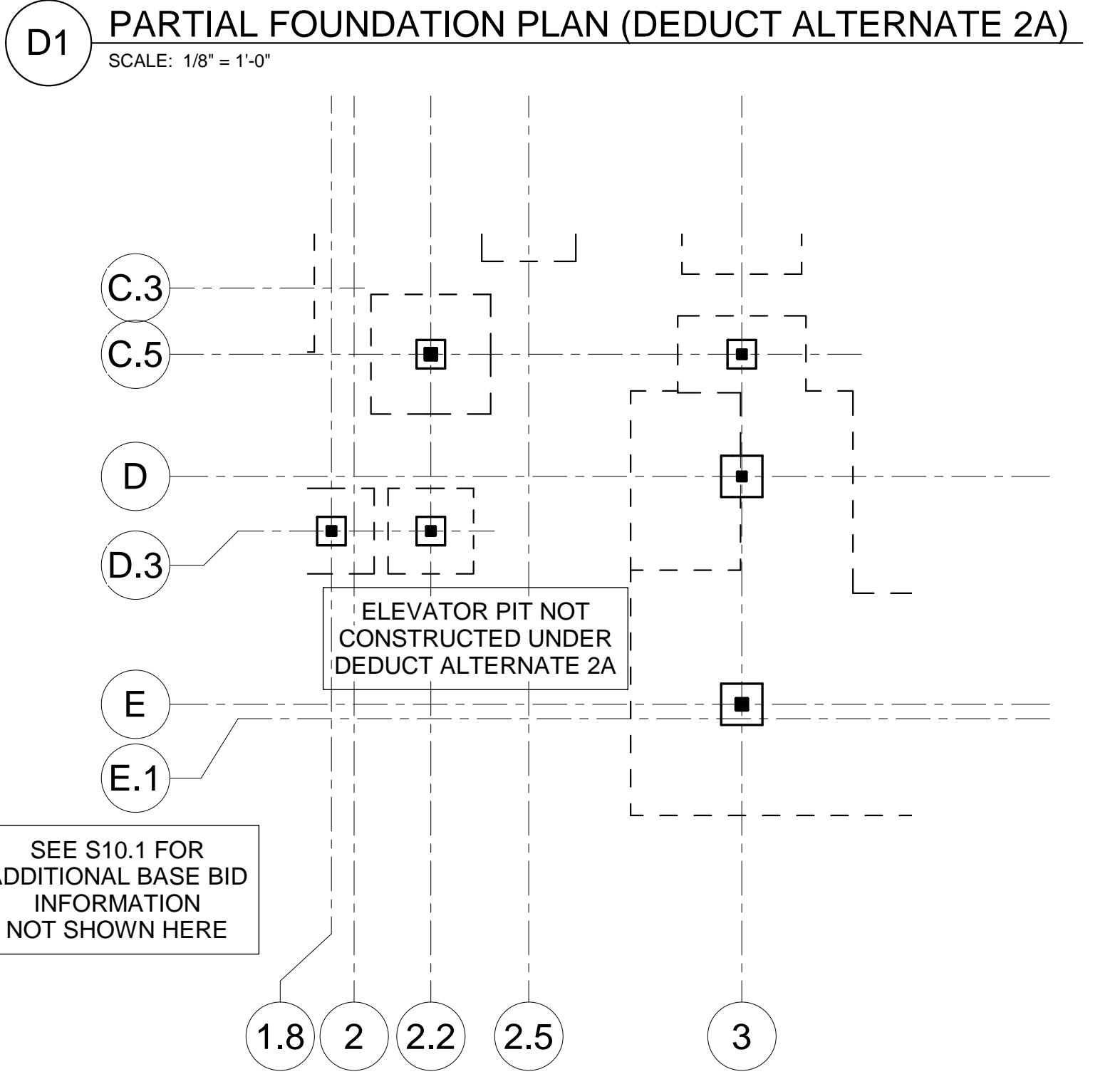
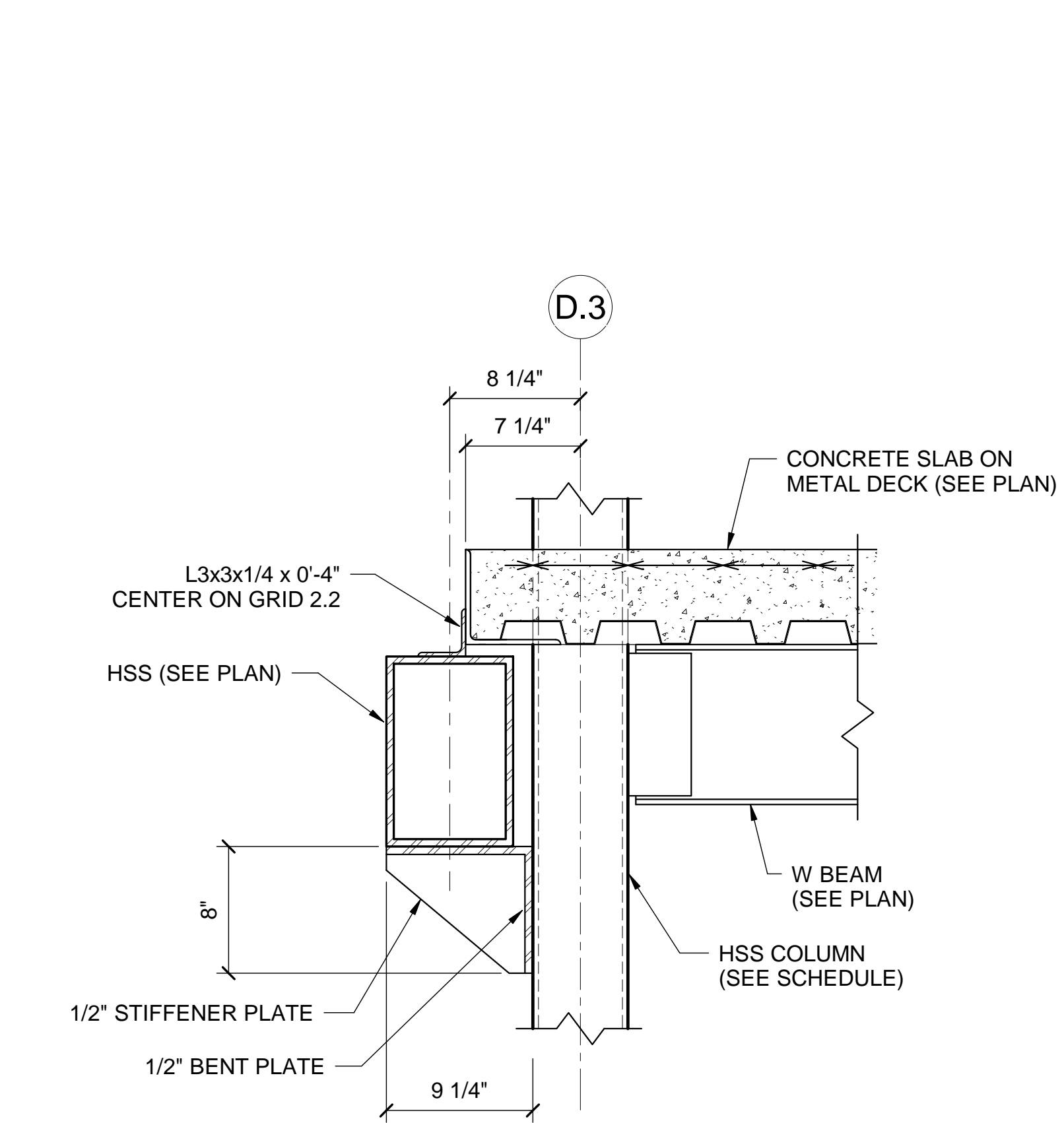
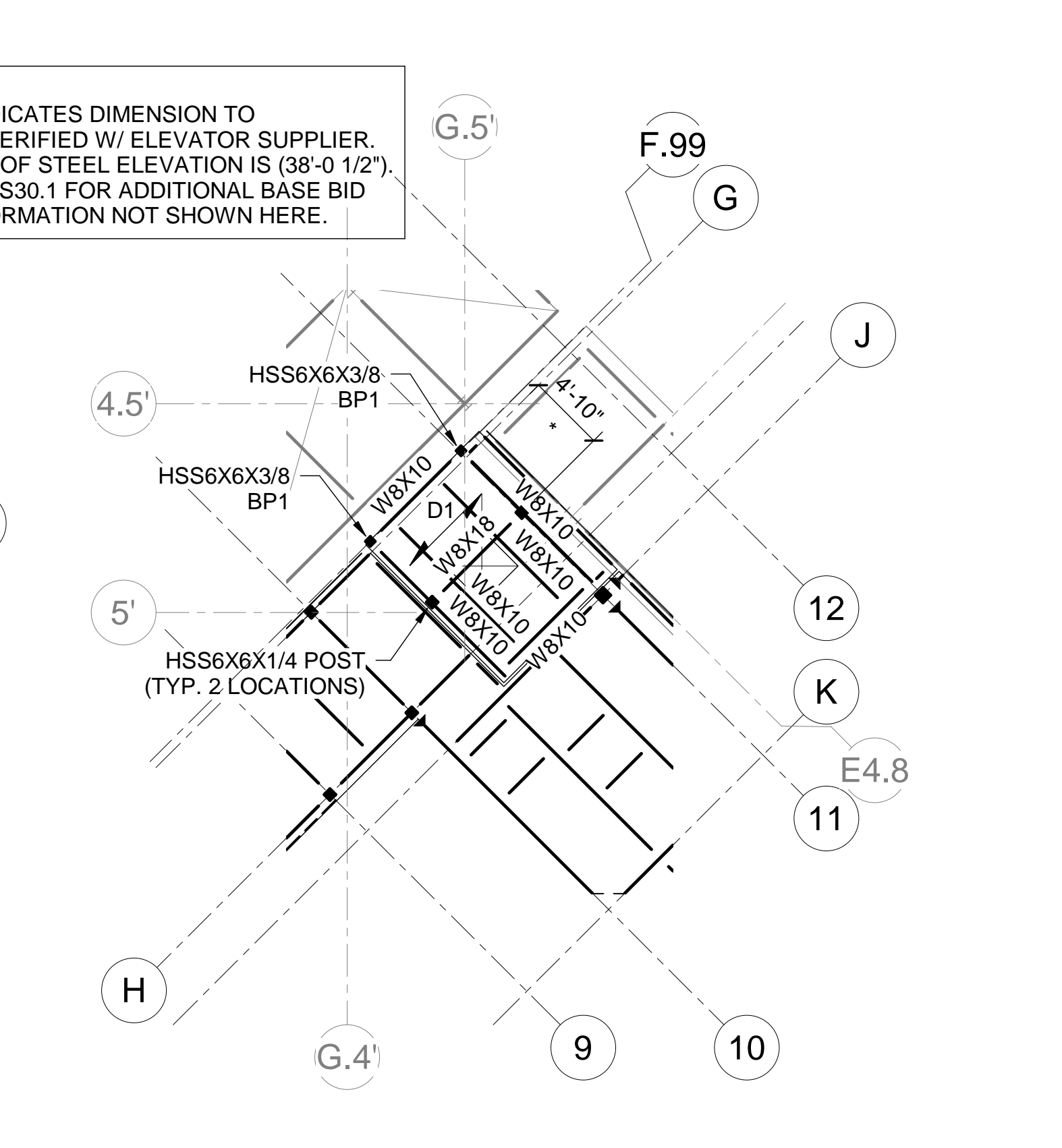
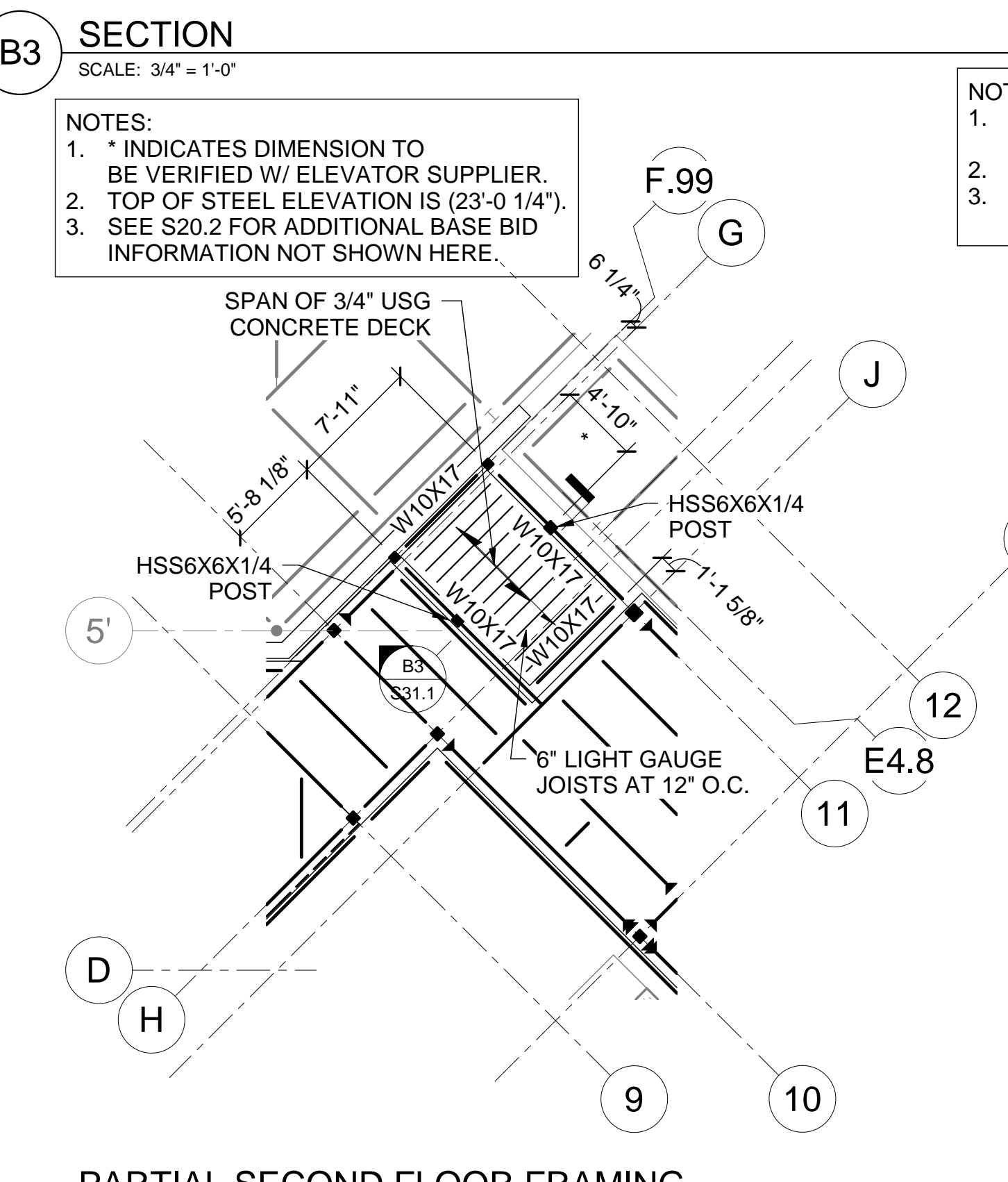
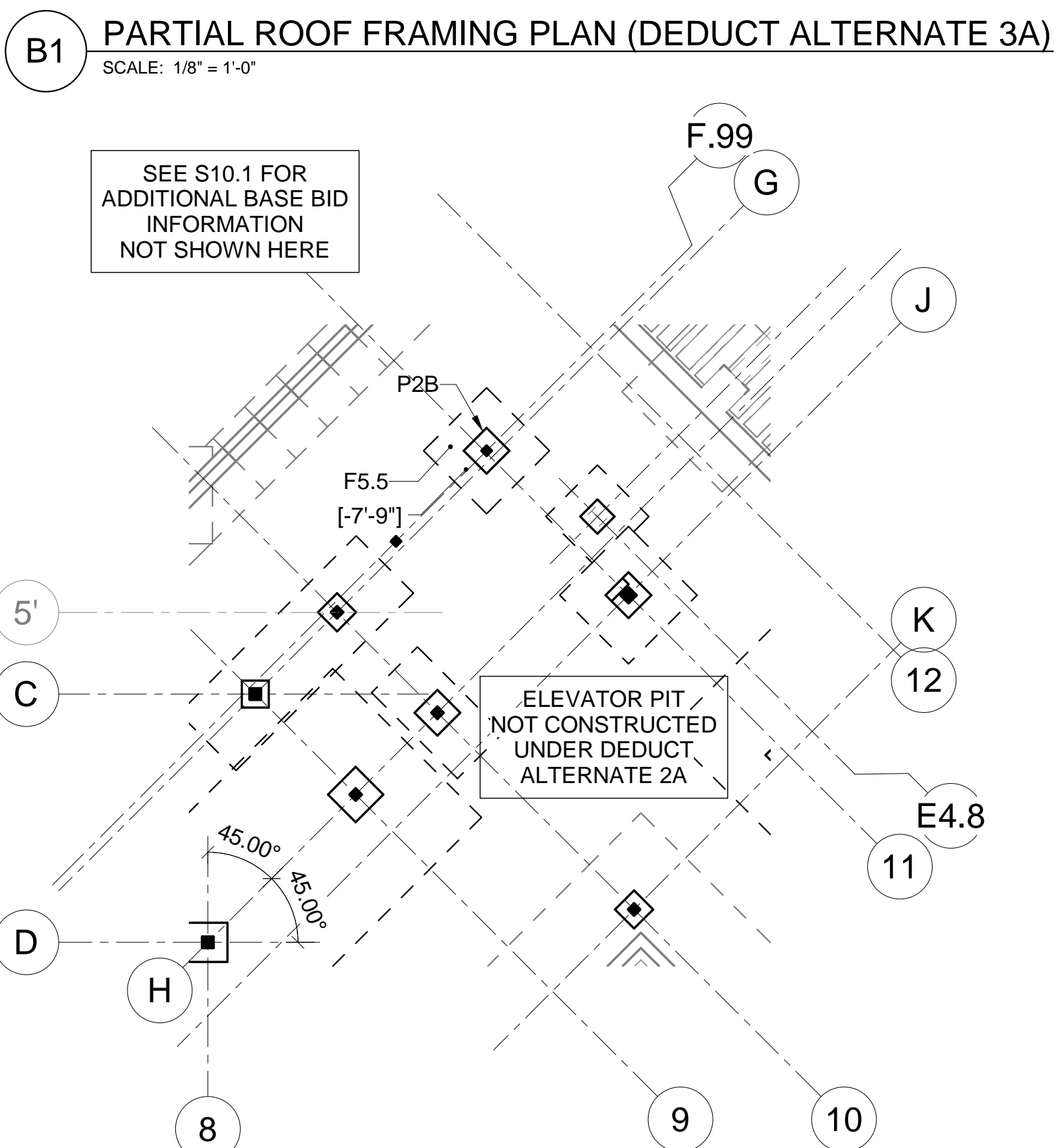
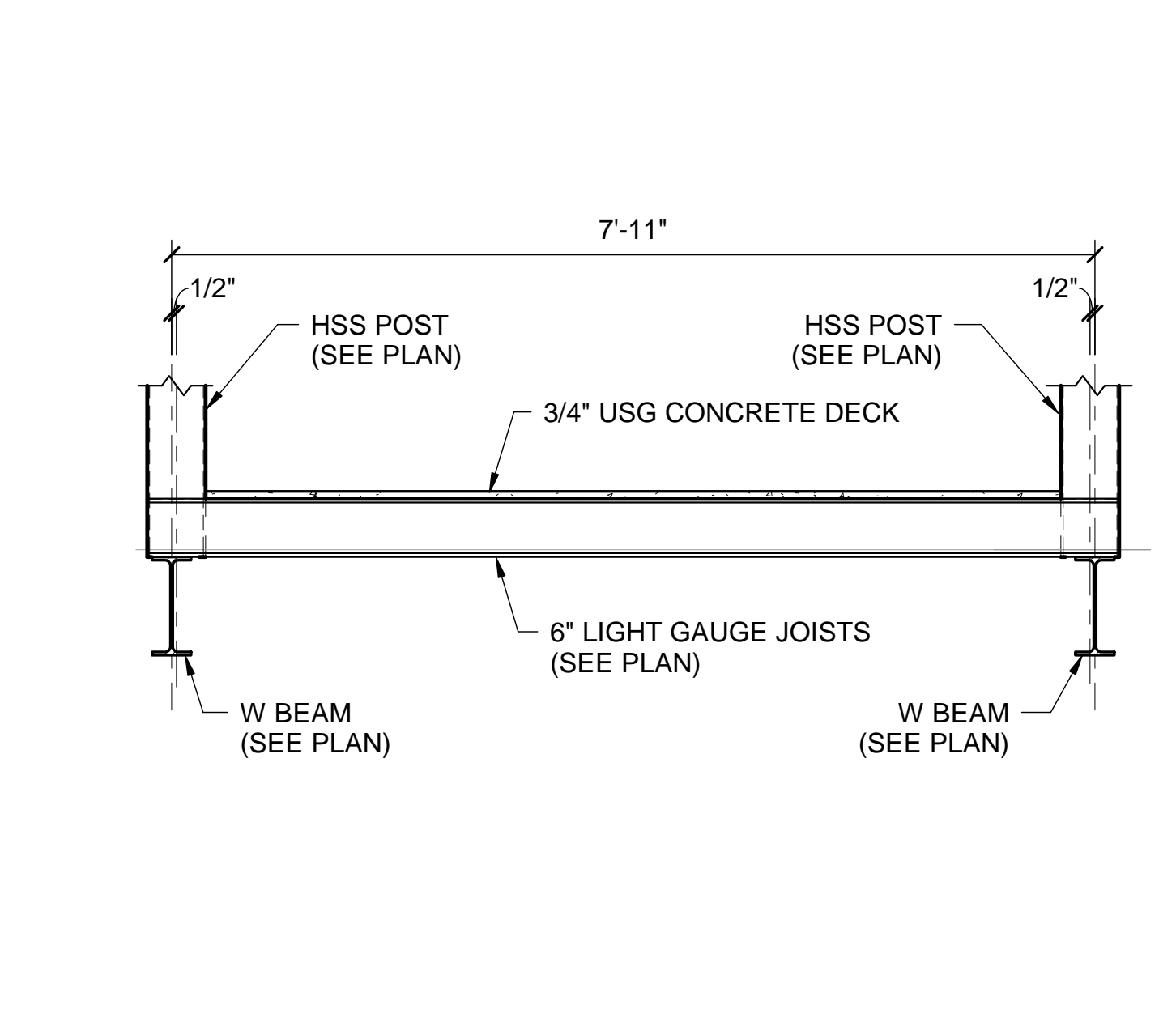
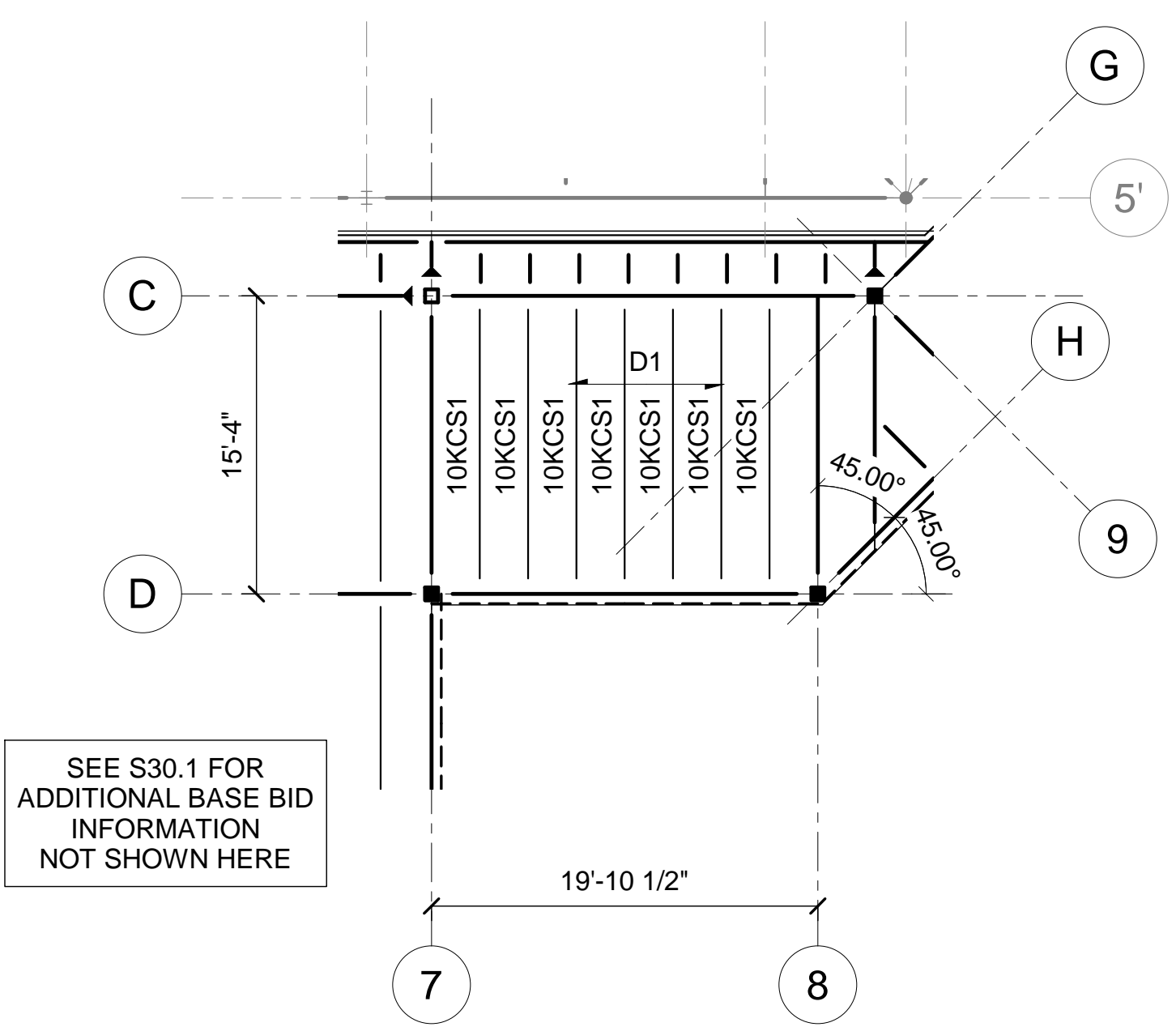
SPRINKLERED

S30



A  
B  
C  
D  
E  
F

A  
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C  
D  
E  
F



SCALE:  
0 4' 8' 12'  
1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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JAMES FORTIN  
No. 12298  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

Office of Construction and Facilities Management  
U.S. Department of Veterans Affairs

Drawing Title  
DEDUCT ALTERNATE PLANS AND DETAILS  
Approved:

Phase  
FINAL CONSTRUCTION DOCUMENTS  
SPRINKLERED

Project Title  
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE  
Location  
PROVIDENCE, RHODE ISLAND  
Issue Date  
2-22-19  
Checked  
RMP/JCF  
Drawn  
MRM

Project Number  
650-337  
Building Number  
1  
Drawing Number  
S31.1



NOTE: ALL CONNECTIONS WILL HAVE A MINIMUM OF 2 3/4" DIA. A325 BOLTS AND A 1/4" SHEAR TAB.

LOCATION	TYPE	BASE PLATE (BP)	SHEAR LUG
A-0.5	HSS8X8X5/16	BP6	
A-1	HSS8X8X5/16	BP6	
A-1.5	HSS6X6X3/8	BP12	SL-2
A-2	HSS6X6X3/8	BP1	
A.5-1	HSS6X6X1/4	BP5*	SL-1
B-0.5	HSS8X8X1/2	BP7	
B-1	HSS8X8X5/16	BP13	SL-1
B-1.5	HSS8X8X5/16	BP6	
B-2	HSS8X8X1/4	BP6	
C-2.5	HSS6X6X1/2	BP1	
C-3	HSS6X6X1/2	BP1	
C-4	HSS8X8X1/2	BP7	
C-5	HSS8X8X1/2	BP7	
C-6	HSS8X8X1/2	BP7	
C-7	HSS8X8X5/16	BP7	
C-9	HSS8X8X3/8	BP6	
C.3-0.5	HSS8X8X5/16	BP6	
C.3-1	HSS6X6X3/8	BP14*	SL-2-2
C.3-1.5	HSS8X8X5/16	BP7	
C.5-1.5	HSS6X6X5/16	BP1	
C.5-2.2	HSS8X8X5/16	BP6	
C.5-3	HSS6X6X1/4	BP1	
D-1.5	HSS6X6X5/16	BP1	
D-3	HSS6X6X5/8	BP4*	SL-2
D-4	HSS8X8X3/8	BP8	
D-5	HSS8X8X3/8	BP7	
D-6	HSS8X8X3/8	BP7	
D-7	HSS8X8X5/16	BP15*	SL-1-1
D-8	HSS8X8X5/8	BP15*	SL-1-1A
D.3-1.8	HSS6X6X5/16	BP1	
D.3-2.2	HSS6X6X3/8	BP11	
E-3	HSS8X8X1/2	BP10*	SL-2-2
E-4	HSS6X8X1/2	BP9*	SL-2
E-5	HSS8X8X1/2	BP6	
E-6	HSS8X8X1/2	BP6	
E-7	HSS8X8X1/2	BP15*	SL-1
G-10	HSS6X6X1/4	BP1	
H-9	HSS6X6X1/2	BP16*	SL-2
H-10	HSS6X6X1/4	BP1	
J-11	HSS8X8X3/8	BP6	
K-10	HSS6X6X5/8	BP1	
K-11	HSS8X8X3/8	BP6	

PIER SCHEDULE				
PIER MARK	LENGTH	WIDTH	VERTICAL REINFORCING	BENT TIES
P1A	20"	20"	(8) #6	#4 AT 12"
P1B	20"	20"	(8) #6	#4 AT 8"
P2A	24"	24"	(8) #6	#4 AT 12"
P2B	24"	24"	(8) #6	#4 AT 10"
P3A	29"	29"	(12) #6	#4 AT 12"
P3B	29"	29"	(12) #6	#4 AT 10"
P3C	29"	29"	(20) #6	#4 AT 6"
P3D	29"	29"	(16) #6	#4 AT 10"
P12	18"	18"	(8) #6	#4 AT 10"

NOTE: SEE BASE PLATE SCHEDULE ON S40.1 FOR LOCATIONS WHERE SUPPLEMENTAL TENSION REINFORCEMENT IS REQUIRED IN PIERS. SEE DETAIL F6/S50.2.

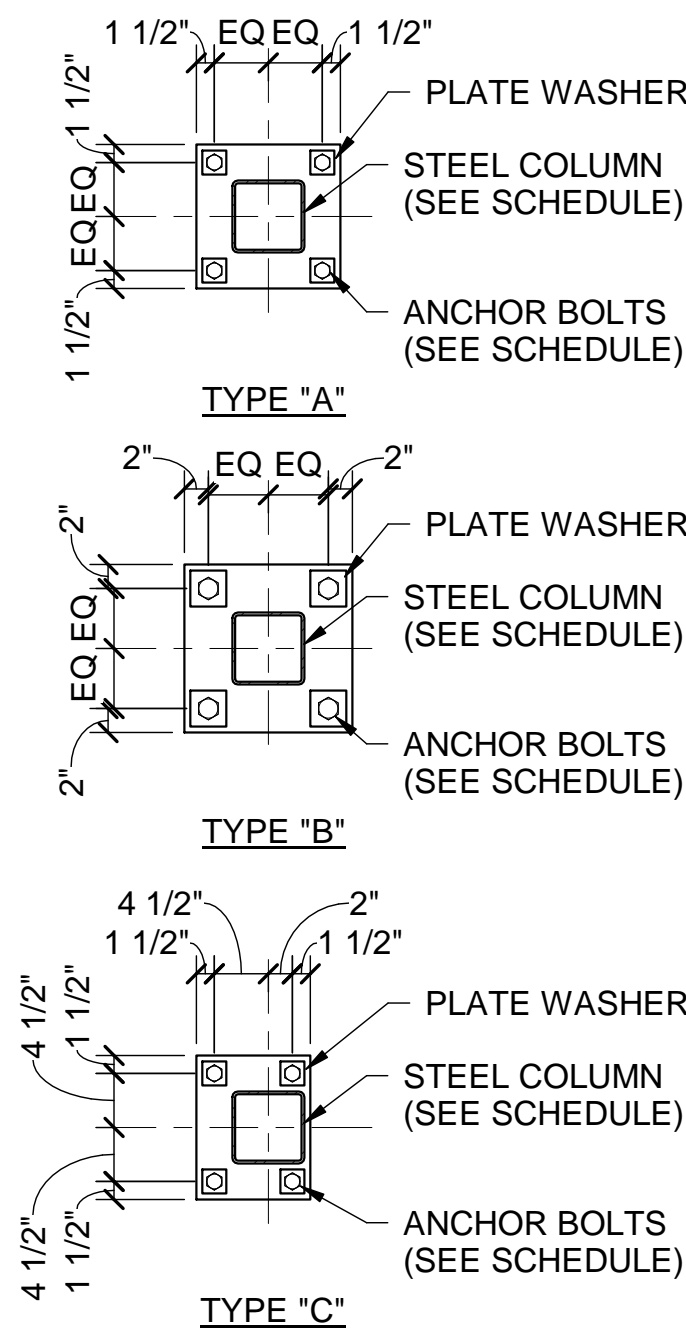
FOOTING SCHEDULE				
FOOTING MARK	LENGTH	WIDTH	THICKNESS	REINFORCING (BOTTOM) U.N.O.
CF1*	SEE C4/S50.1	SEE C4/S50.1	2'-6"	SEE C4/S50.1
CF2	SEE C6/S50.1	SEE C6/S50.1	2'-6"	SEE C6/S50.1
CF3	SEE D1/S50.1	SEE D1/S50.1	2'-6"	SEE D1/S50.1
F4.5	4'-6"	4'-6"	1'-8"	(7) #5 (EACH WAY)
F5*	5'-0"	5'-0"	1'-0"	(6) #6 (EACH WAY)
F5.5	5'-6"	5'-6"	1'-0"	(6) #6 (EACH WAY)
F5.5B	6'-0"	6'-0"	2'-0"	(11) #6 (EACH WAY)
F5B**	15'-6"	5'-0"	1'-6"	SEE A2/S50.1
F6*	6'-0"	6'-0"	2'-0"	(13) #6 (EACH WAY)
F7	7'-0"	7'-0"	1'-0"	(6) #6 (EACH WAY)
F7.5A**	7'-6"	4'-0"	1'-6"	(8) #6 (SHORT WAY) (4) #6 (LONG WAY)
F7.5B	7'-6"	4'-6"	2'-6"	(12) #6 (SHORT WAY) (7) #6 (LONG WAY)
F7A	7'-0"	7'-0"	2'-0"	(10) #6 (EACH WAY)
F7C	7'-0"	7'-0"	2'-0"	(11) #6 (EACH WAY)
F8	8'-0"	8'-0"	1'-0"	(6) #6 (EACH WAY)
F8.5	8'-6"	8'-6"	2'-0"	(11) #6 (EACH WAY)

\* 90 DEGREE HOOK ALL BARS BOTH ENDS.  
 \*\* 90 DEGREE HOOK SHORT BARS BOTH ENDS.  
 \*\*\* 90 DEGREE HOOK LONG BARS BOTH ENDS.


FOOTING SCHEDULE				
FOOTING MARK	LENGTH	WIDTH	THICKNESS	REINFORCING (BOTTOM) U.N.O.
F8B*	19'-10"	8'-0"	2'-0"	SEE D3/S50.1
F8C	20'-0"	8'-0"	2'-0"	(24) #6 (SHORT WAY) (17) #6 (LONG WAY)
F10	10'-0"	10'-0"	2'-0"	(12) #6 (EACH WAY)
F10A	10'-0"	9'-0"	2'-0"	(12) #6 (EACH WAY)
F10B	10'-0"	10'-0"	1'-6"	(12) #6 (EACH WAY)
F10B**	11'-9"	14'-0"	2'-1"	SEE A1/S50.1
F10C***	23'-4"	10'-0"	2'-0"	SEE C9/S50.1
F11	11'-0"	11'-0"	2'-6"	(17) #6 (EACH WAY)
F11.5	12'-0"	12'-0"	2'-0"	(15) #6 EACH WAY
F13	11'-6"	18'-0"	2'-0"	(22) #6 (SHORT WAY) (14) #6 (LONG WAY)(TOP AND BOTTOM)

BASE PLATE SCHEDULE						
MARK	DEPTH	WIDTH	THICKNESS	ANCHORS	EMBEDMENT	PLATE TYPE
BP1	1'-0"	1'-0"	3/4"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP2	1'-0"	1'-0"	1"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP4*	1'-1"	1'-1"	1 1/4"	(4) 1" DIA. F1554 (GR.36)	24"	B
BP5*	1'-1"	1'-1"	1 1/2"	(4) 1 1/4" DIA. F1554 (GR.36)	24"	B
BP6	1'-2"	1'-2"	3/4"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP7	1'-2"	1'-2"	1"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP8	1'-2"	1'-2"	1 1/4"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP9*	1'-3"	1'-3"	1 1/4"	(4) 1" DIA. F1554 (GR.36)	24"	B
BP10*	1'-3"	1'-3"	1 1/2"	(4) 1" DIA. F1554 (GR.36)	24"	B
BP11	9 1/2"	1'-0"	3/4"	(4) 3/4" DIA. F1554 (GR.36)	9"	C
BP12	1'-0"	1'-0"	1 1/4"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP13	1'-2"	1'-2"	1 1/2"	(4) 3/4" DIA. F1554 (GR.36)	9"	A
BP14*	1'-0"	1'-0"	1 1/4"	(4) 3/4" DIA. F1554 (GR.36)	24"	A
BP15*	1'-3"	1'-3"	1 1/2"	(4) 1 1/4" DIA. F1554 (GR.36)	30"	B
BP16*	1'-1"	1'-1"	1 1/2"	(4) 1 1/4" DIA. F1554 (GR.36)	30"	B

\* INDICATES SUPPLEMENTAL TENSION REINFORCEMENT REQUIRED. SEE DETAIL F6/S50.2

[illegible]

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JAMES FORTIN

No. 12298

REGISTERED  
PROFESSIONAL ENGINEER  
CIVIL

Office of  
Construction  
and Facilities  
Management

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**VA** | U.S. Department  
of Veterans  
Affairs

# SCHEDULES

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Approved:

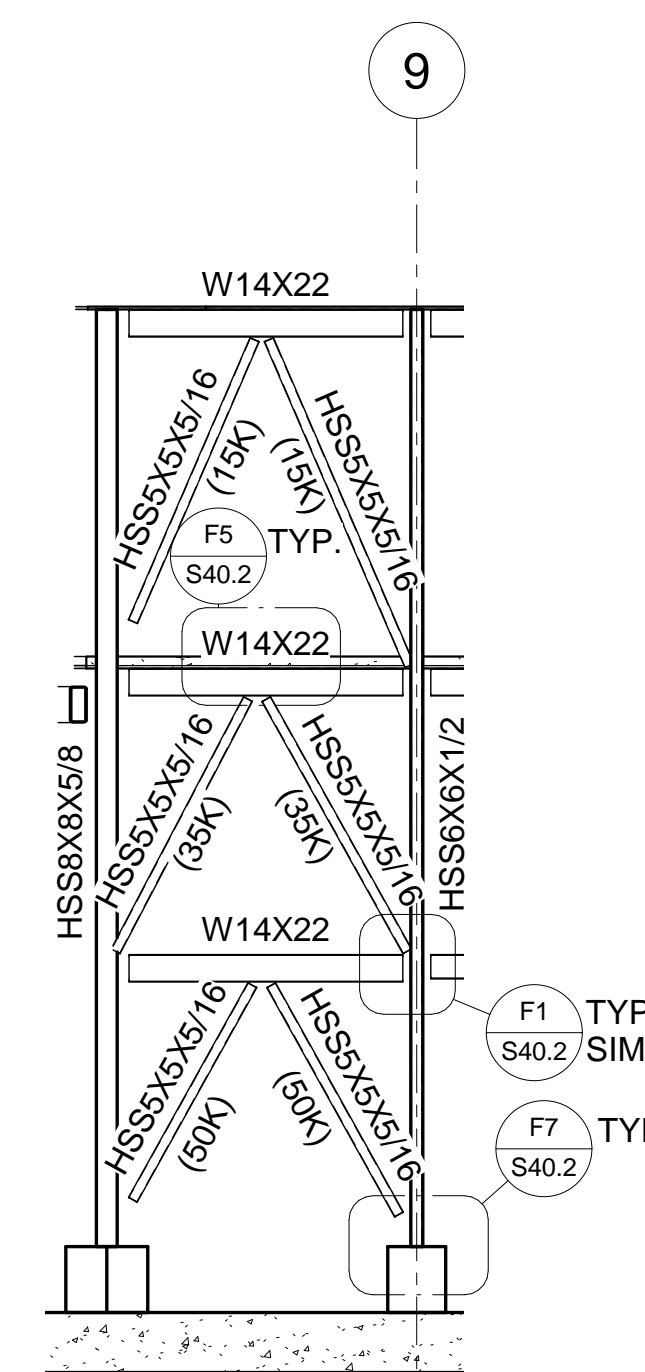
FINAL CONSTRUCTION DOCUMENTS
SPRINKLERED

Location PROVIDENCE, RHODE ISLAND		
Issue Date 2-22-19	Checked RMP/JCF	Drawn MRM

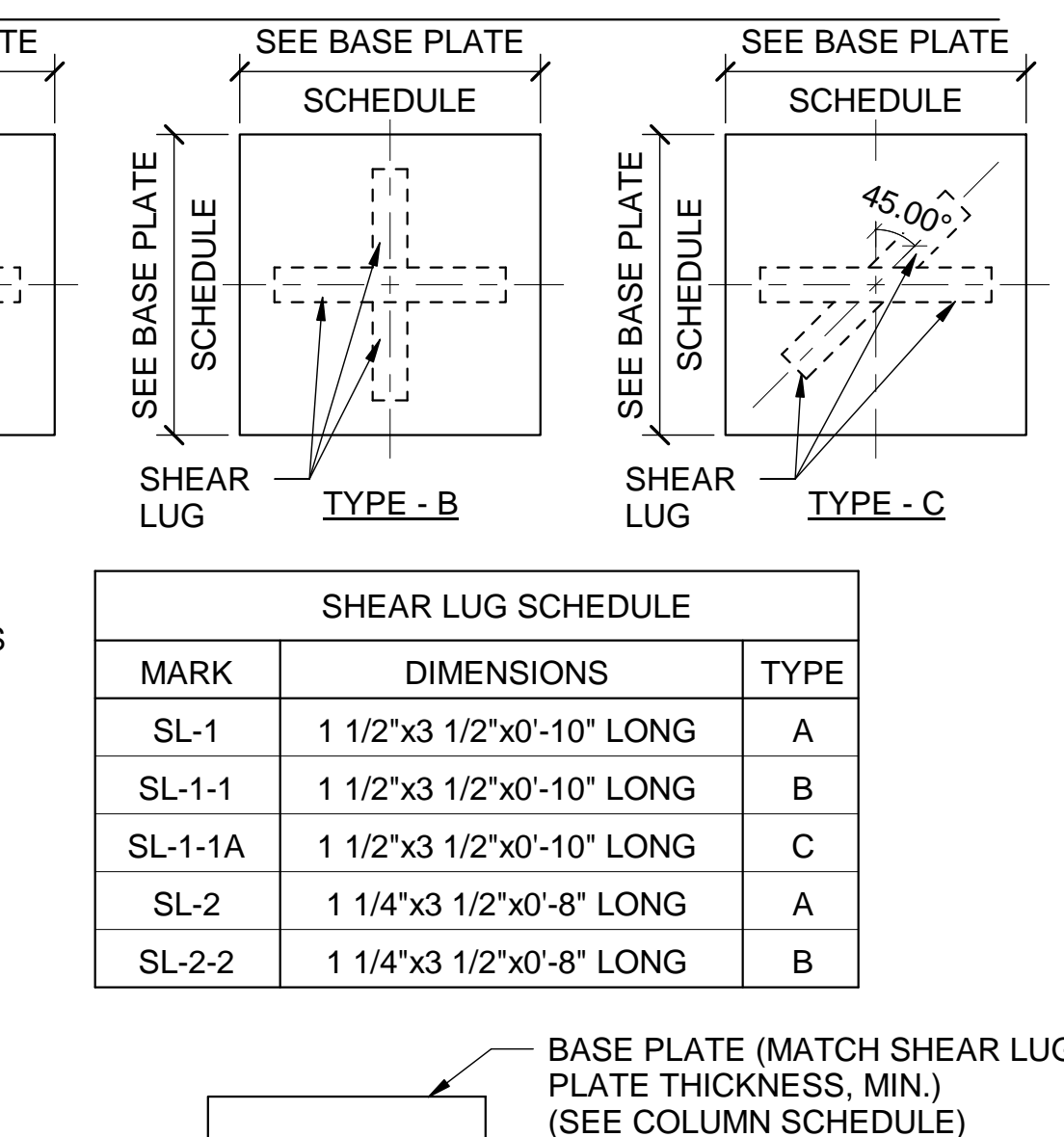
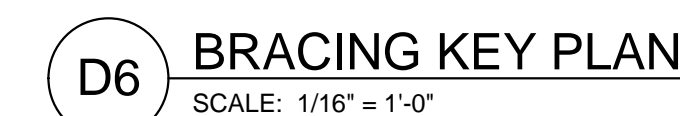
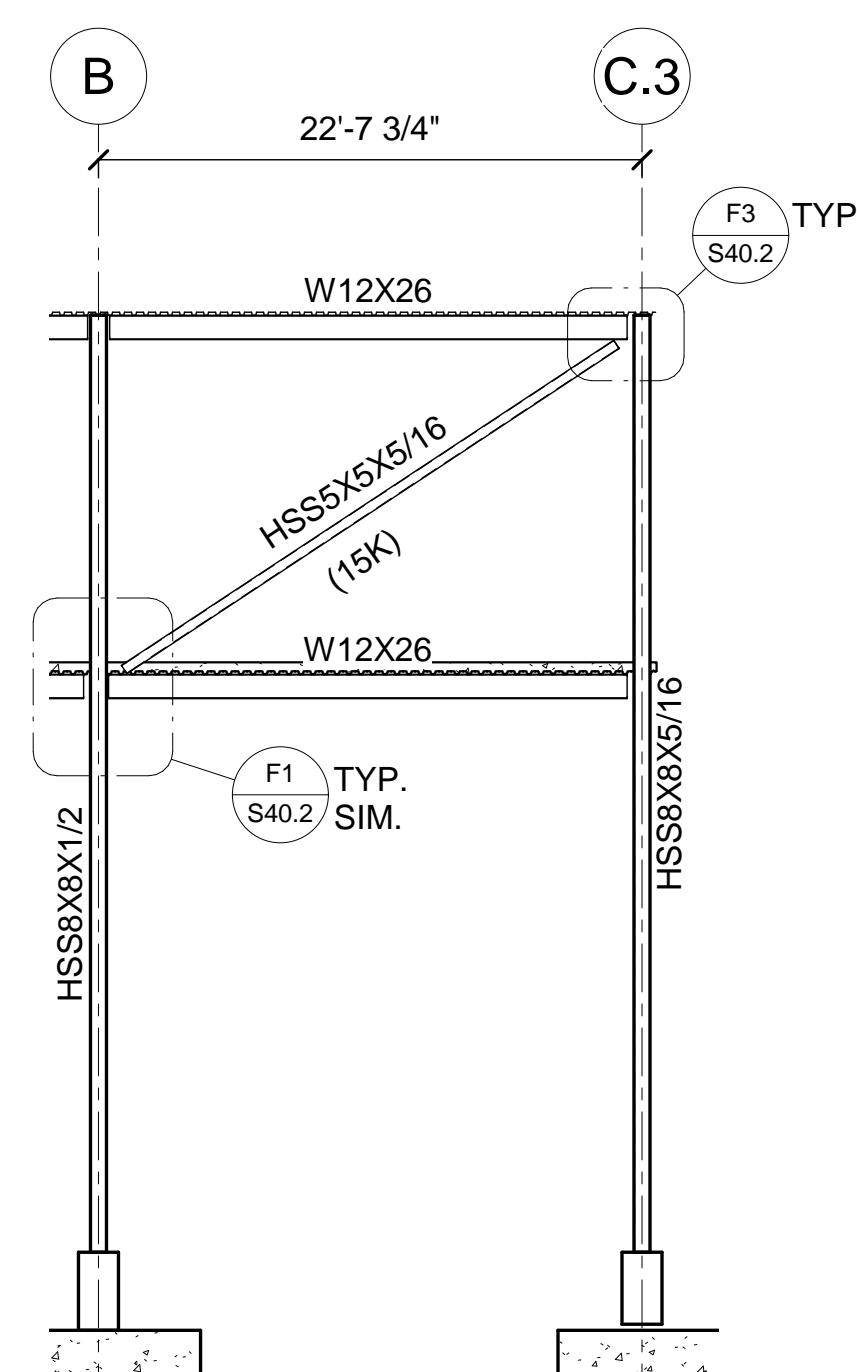
Drawing Number

S40.





- B8** BRACED FRAME ON LINE H  
SCALE: 1/8" = 1'-0"



Project Title			Project Number
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE			650-337
			Building Number
			1
Location			Drawing Number
PROVIDENCE, RHODE ISLAND			
Issue Date	Checked	Drawn	S40.2
2-22-19	RMP/JCF	MRM	



A

B

C

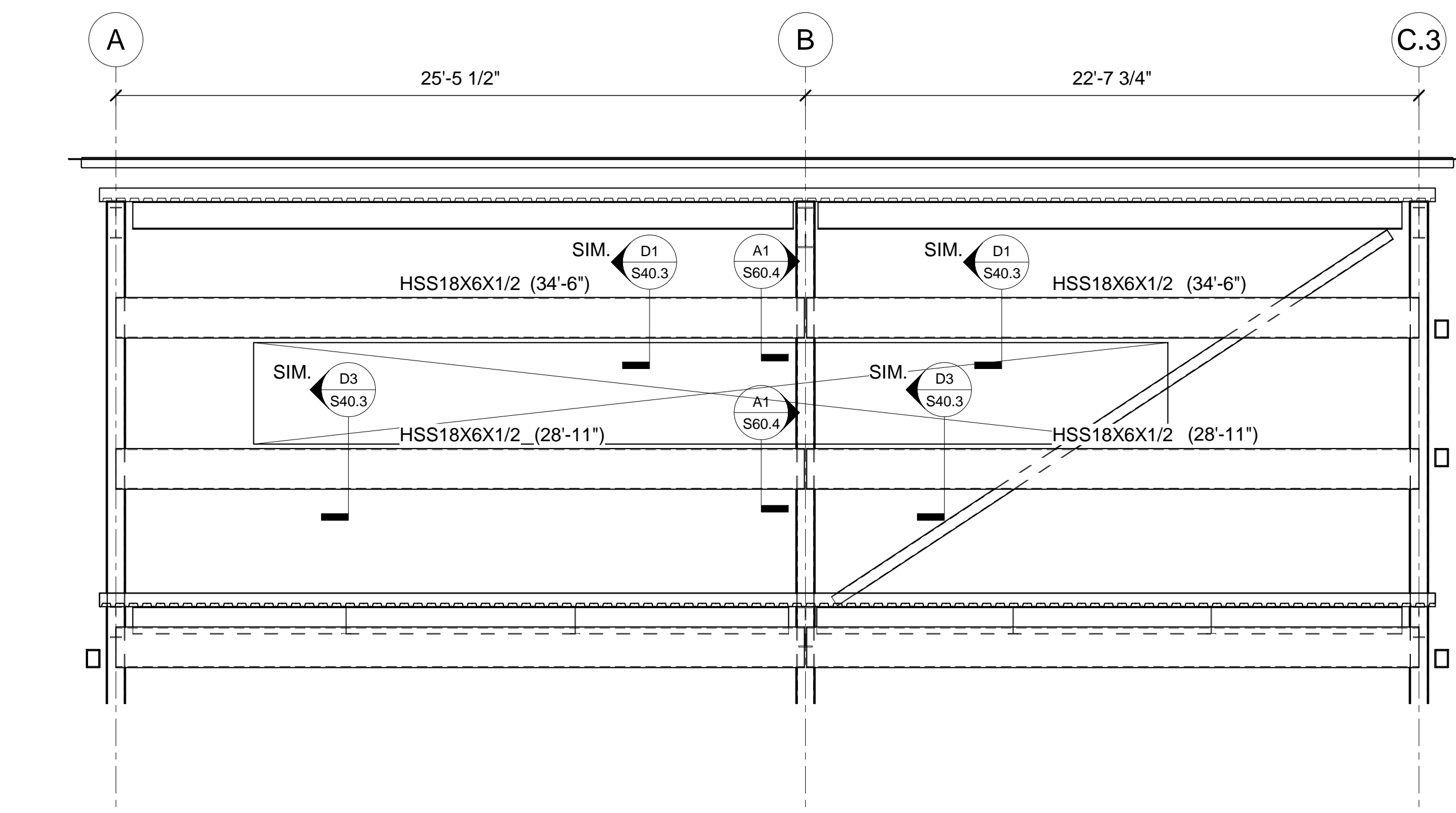
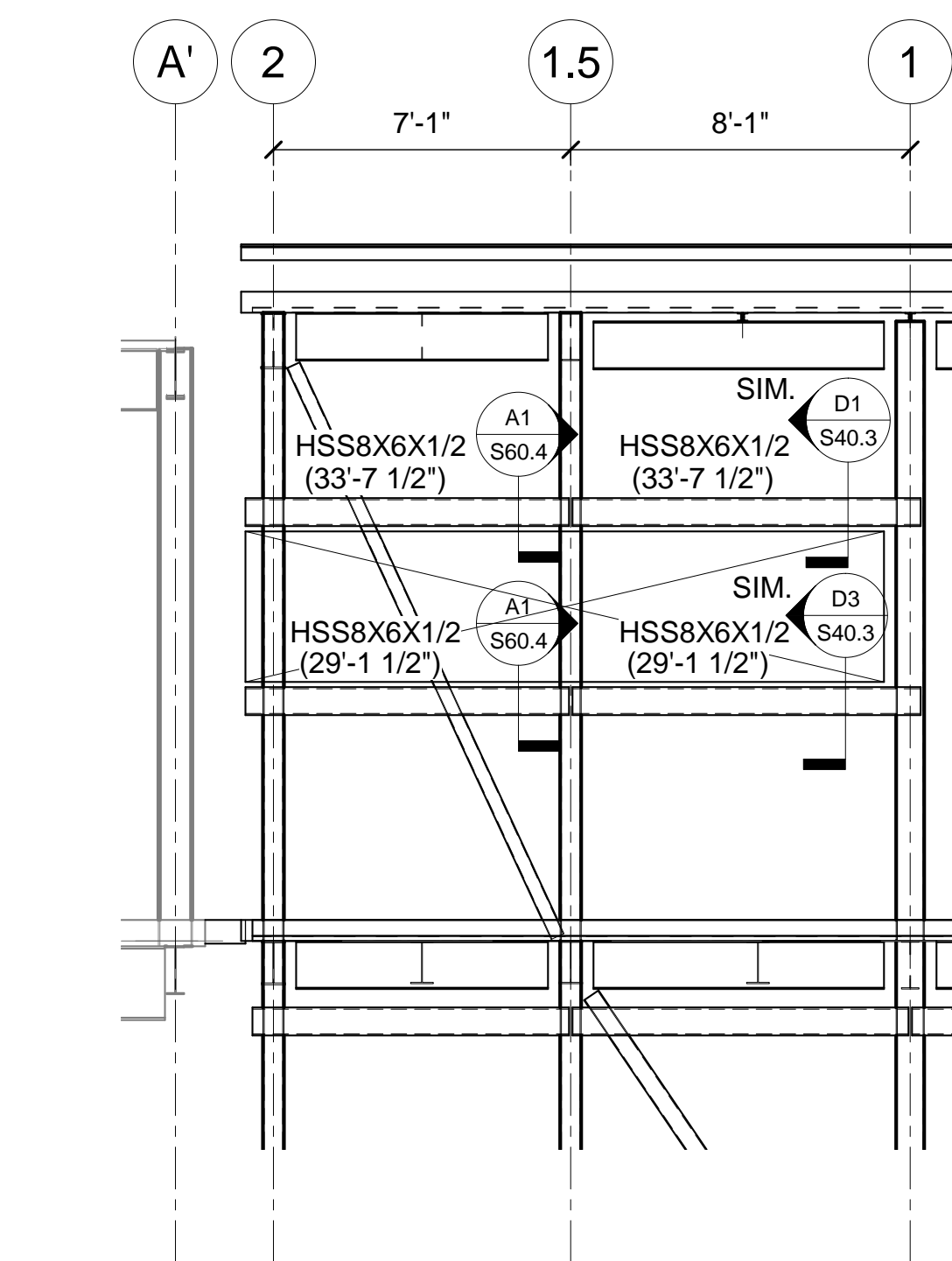
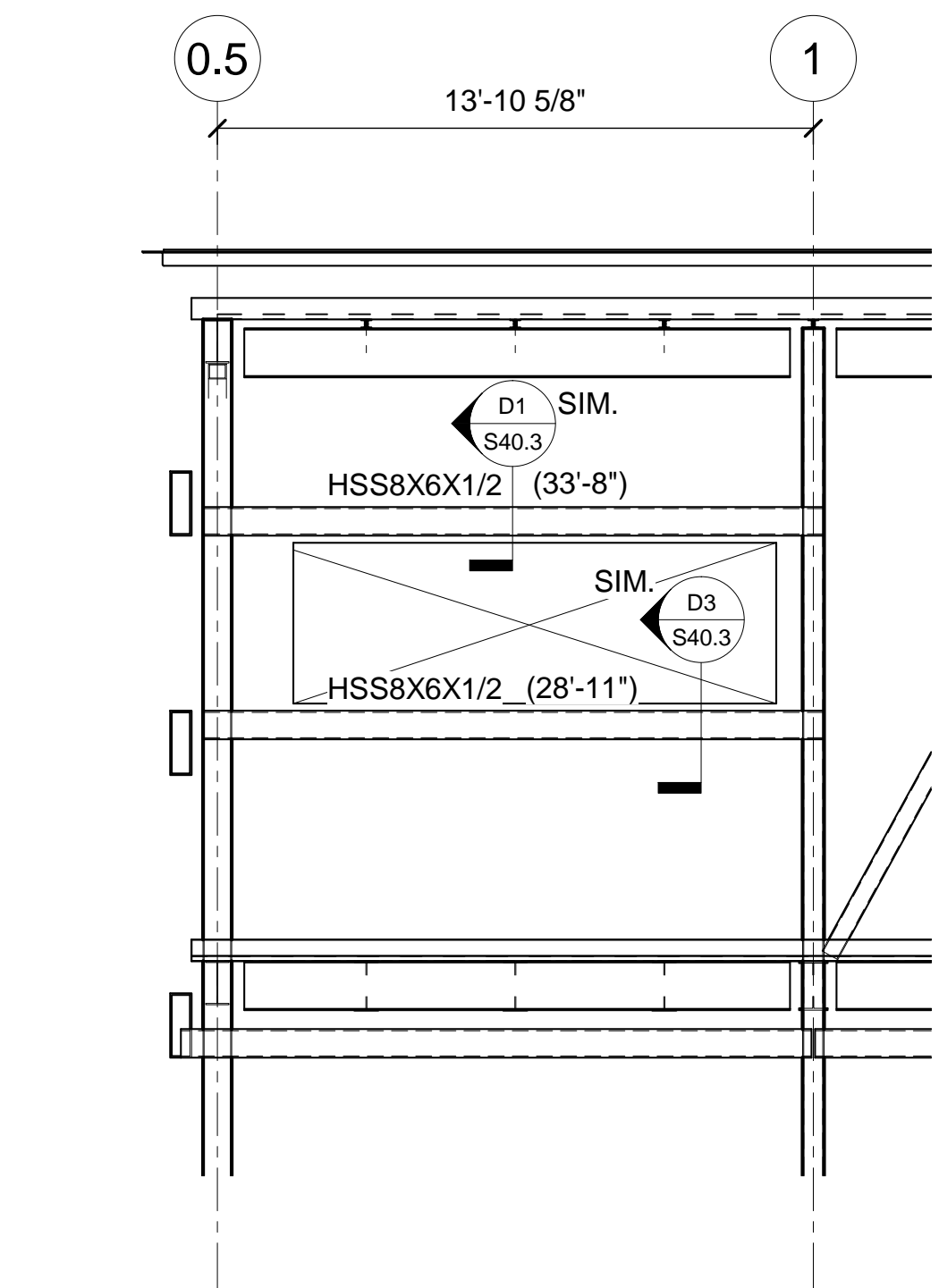
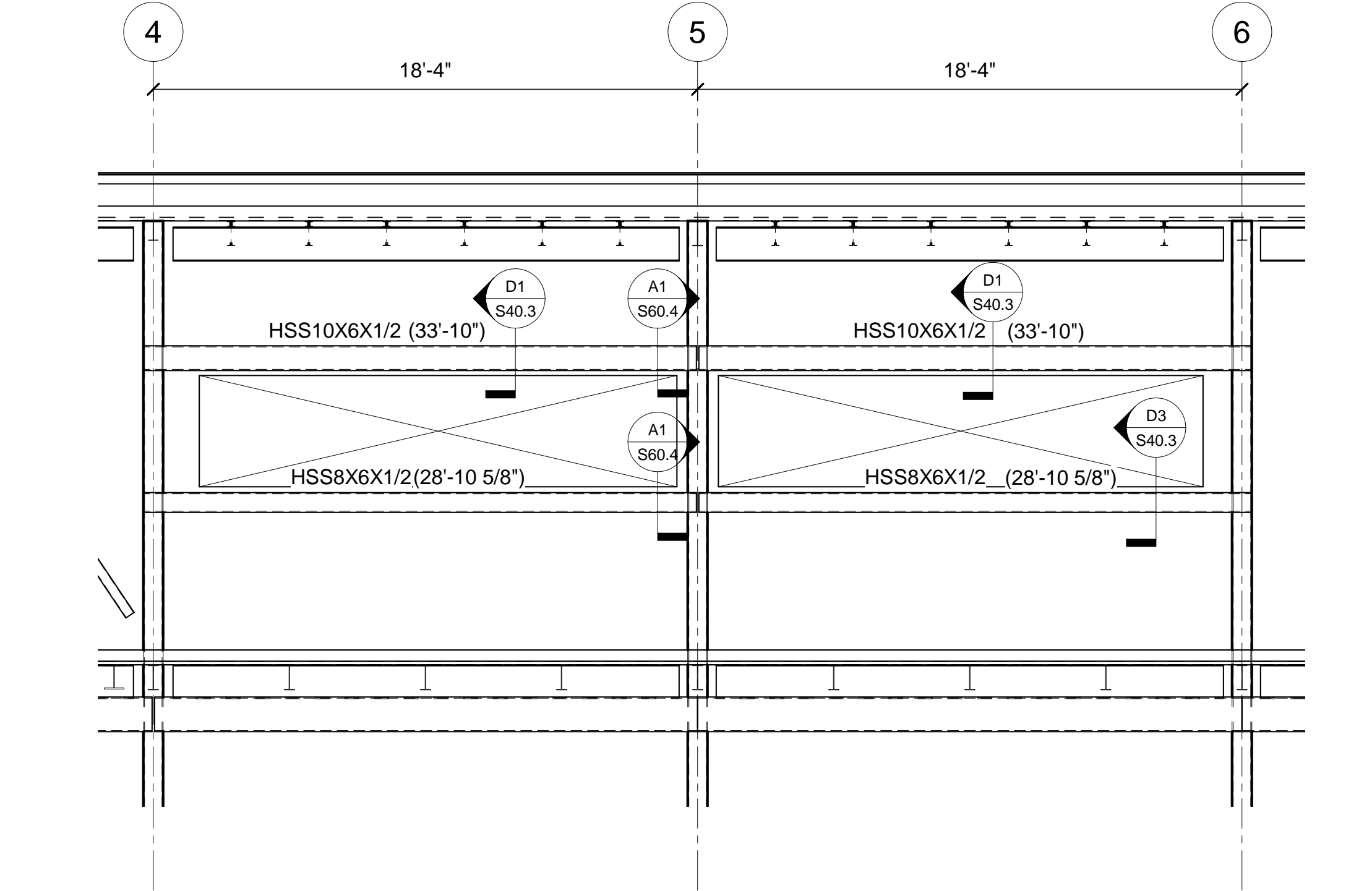
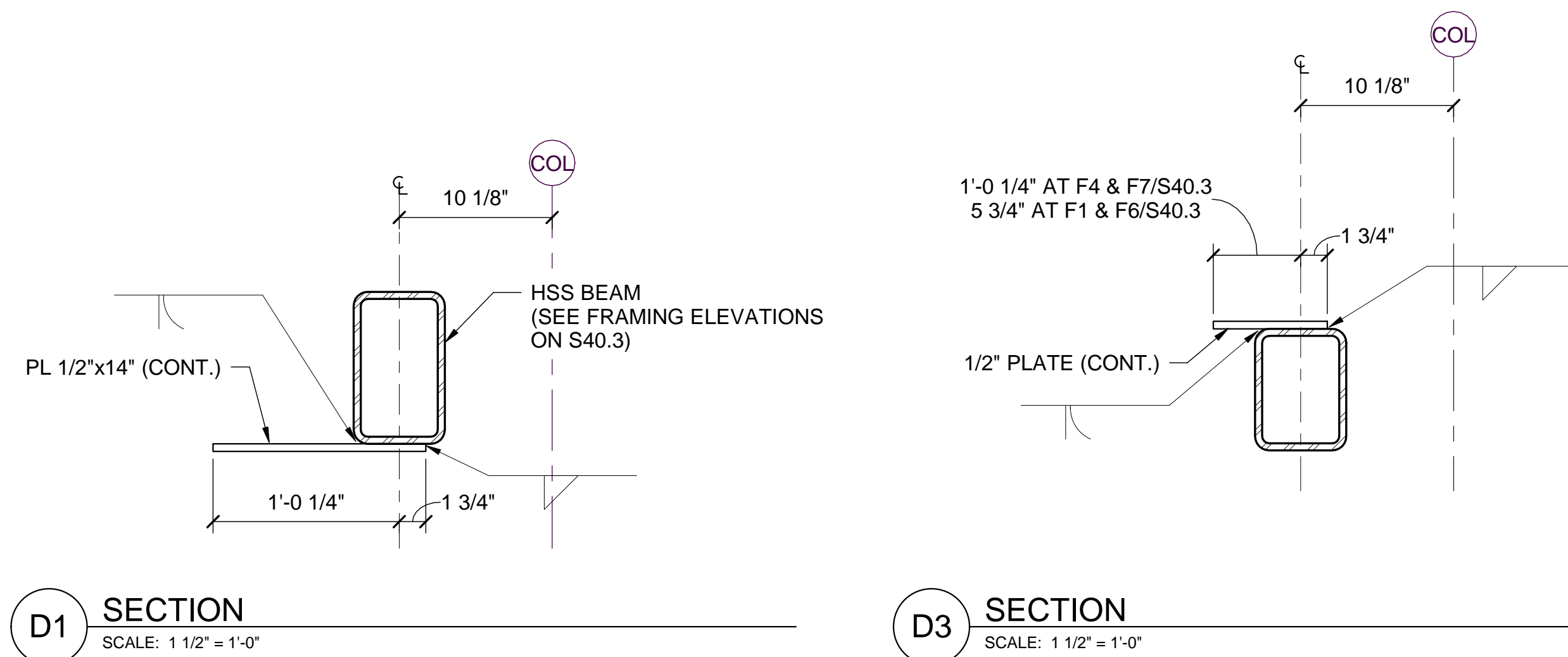
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E

F

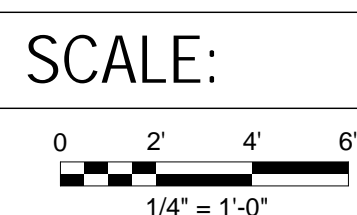
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<b>SCALE:</b> 0 4' 8' 12' 1/8" = 1'-0"	<b>Revisions:</b> <table><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table>																					<b>Date:</b> 	<b>CONSULTANT</b> 	<b>ARCHITECT/ENGINEER OF RECORD</b>  HARRIMAN © 2019 HA PROJECT NUMBER: 13586	<b>STAMP</b>  JAMES FORTIN No. 12298 REGISTERED PROFESSIONAL ENGINEER CIVIL	<b>Office of Construction and Facilities Management</b>  U.S. Department of Veterans Affairs	<b>Drawing Title</b> FRAMING ELEVATIONS AND DETAILS <b>Approved:</b> 	<b>Phase</b> FINAL CONSTRUCTION DOCUMENTS  SPRINKLERED	<b>Project Title</b> CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE <b>Location</b> PROVIDENCE, RHODE ISLAND <b>Issue Date</b> 2-22-19 <b>Checked</b> RMP/JCF <b>Drawn</b> MRM	<b>Project Number</b> 650-337 <b>Building Number</b> 1 <b>Drawing Number</b> S40.3



CONSULTANT

STAMP

JAMES FORTIN

No. 12298

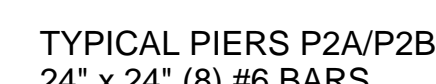
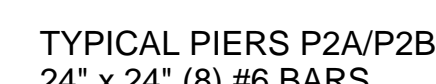
REGISTERED  
PROFESSIONAL ENGINEER  
CIVIL

**VA** | U.S. Department  
of Veterans  
Affairs

Approved:

SPRINKLERED

S50.1



1. WALL AND COLUMN FOOTINGS DESIGNED FOR AN ANTICIPATED SOIL BEARING OF 2000 PSF.
2. IF ADEQUATE SOIL BEARING IS NOT ENCOUNTERED AT THE INDICATED BOTTOM OF FOOTING LOCATION, CONTRACTOR IS TO REPORT TO THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH FOOTING PLACEMENT.
3. ALL EXCAVATIONS FOR THE FOUNDATION SHALL BE APPROVED BY THE ENGINEER BEFORE PLACING ANY CONCRETE FOOTINGS. COORDINATE INSPECTION W/ CONSTRUCTION DOCUMENTS AND SPECIAL INSPECTION REQUIREMENTS.

1. STRENGTH OF CONCRETE AT 28 DAYS SHALL BE:  
WALLS AND FOOTINGS - 4500 PSI  
EXTERIOR SLABS - 4500 PSI  
INTERIOR SLABS - 3000 PSI
2. ALL EXTERIOR FOOTINGS TO BE MIN. 3'-4" BELOW FINISH GRADE.
3. TOP OF ALL FOOTINGS TO BE MIN. 8" BELOW BOTTOM OF FLOOR SLAB UNLESS NOTED OTHERWISE.
4. BOTTOM OF ALL FOOTINGS TO BE ON ADEQUATE SOIL BEARING.
5. IF BASEMENT AND FIRST FLOOR SLABS ARE NOT POURED BEFORE BACKFILLING, FOUNDATION WALLS TO BE ADEQUATELY BRACED BEFORE BACKFILLING AND UNTIL ABOVE SLABS ARE PLACED AND SET.
6. SEE SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR ARCHITECTURAL EXPOSED CONCRETE, ANCHORING OF MASONRY TO CONCRETE WALLS AND COLUMNS, AND CHAMFER OF EXTERNAL CORNERS OF CONCRETE WALLS TO BE GIVEN TO FINISH, ETC.
7. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS FOR SIZE AND LOCATION OF DOOR FRAMES, THRESHOLDS, ETC., AND CONCRETE PADS, PIERS, PIPE SLEEVES, ETC.

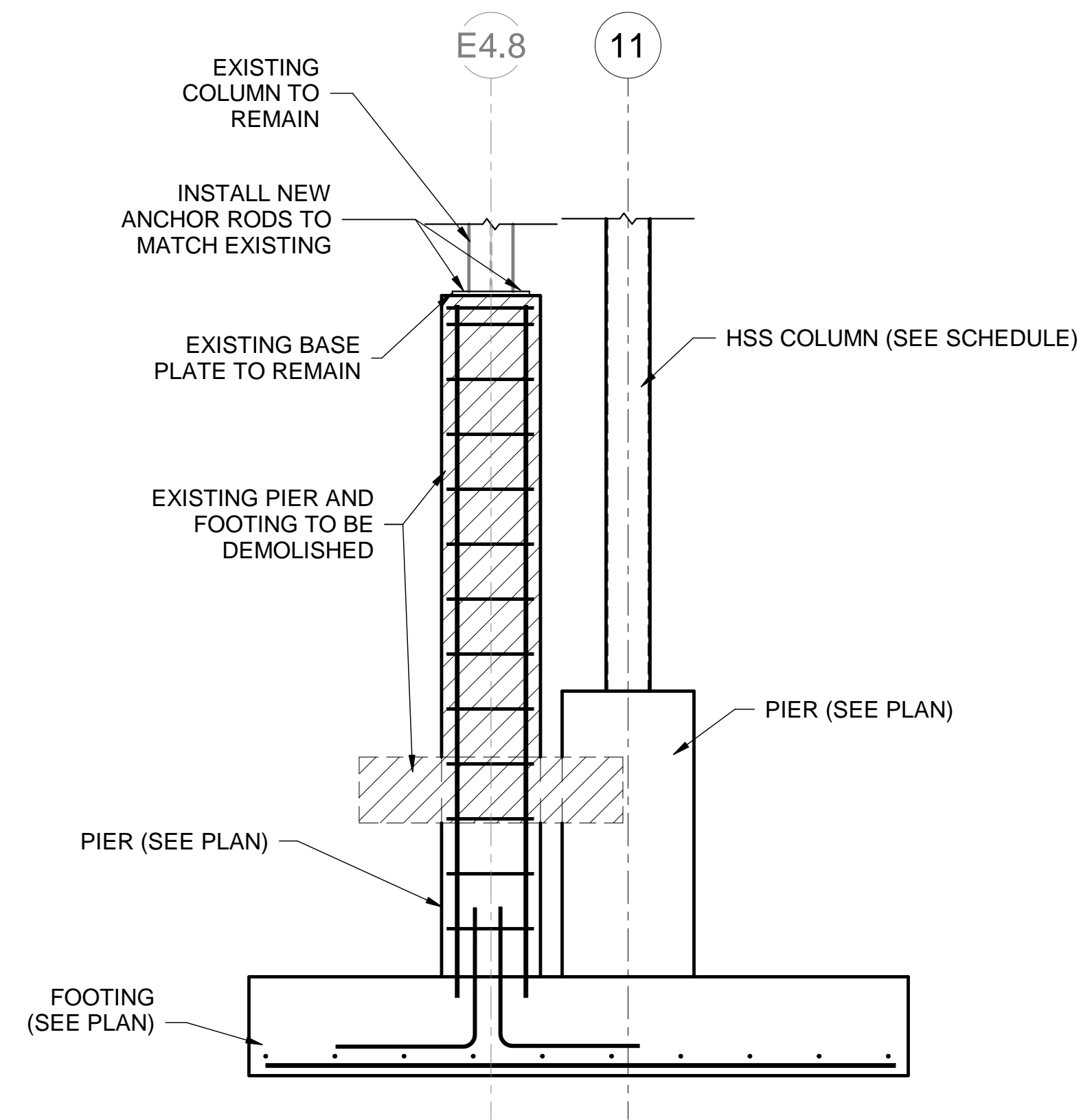
1. ALL REINFORCING STEEL TO BE ASTM-A615 GRADE 60, DETAILED AND FABRICATED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE" (ACI-315-LATEST).
2. REINFORCEMENT TO HAVE MIN. CONCRETE COVER AS FOLLOWS:
  - A. CONCRETE DEPOSITED AGAINST GROUND, INCLUDING FOOTINGS - 3"
  - B. CONCRETE EXPOSED TO EARTH OR WEATHER, INCLUDING WALKS, PIERS, WALLS, COLUMNS, AND EXTERIOR SLABS - 1 1/2" (#5 OR SMALLER) AND 2" (#6 OR LARGER)
  - C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
    - I. SLABS, WALLS, AND JOISTS - 3/4"
    - II. BEAMS AND COLUMNS, TIES, STIRRUPS, REINFORCEMENT - 1 1/2"
3. ALL CONCRETE SLABS, PADS, BEAMS AND PIERS SHALL BE REINFORCED SUCH THAT THE RATIO OF REINFORCEMENT AREA TO GROSS CONCRETE AREA EXCEEDS 0.0033 UNLESS NOTED OTHERWISE
4. ALL ITEMS THAT ARE TO BE EMBEDDED INTO CONCRETE SHALL BE SECURED IN PLACE PRIOR TO THE CONCRETE PLACEMENT. UTILIZE ADDITIONAL REINFORCEMENT, TEMPLATES, OR OTHER APPROVED METHODS TO SECURELY PLACE ALL EMBEDMENTS AT PROPER LOCATIONS. "WET-SETTING" OF ANY EMBEDMENTS INTO PLASTIC CONCRETE IS NOT ALLOWED. EMBEDMENTS INCLUDE, BUT ARE NOT LIMITED TO, BOLTS, ANCHOR BOLTS, REBAR REINFORCEMENTS, DOWELS, ANGLES, PLATES, ANCHOR INSERTS, SLEEVES, AND SHELF BULKHEADS.
5. INSTALLATION AND SECURE PLACEMENT OF CONCRETE REINFORCEMENT SHALL BE INSPECTED BY AN INDEPENDENT TESTING AGENCY IN ACCORDANCE WITH THE REQUIREMENTS OF THIS PROJECT, INCLUDING THE STATEMENT OF SPECIAL INSPECTION. CONCRETE REINFORCEMENT SHALL BE PLACED AND SECURED WITHIN FORMS A MINIMUM OF 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT TO CONDUCT THE INSPECTION.

## GENERAL FOUNDATION NOTES

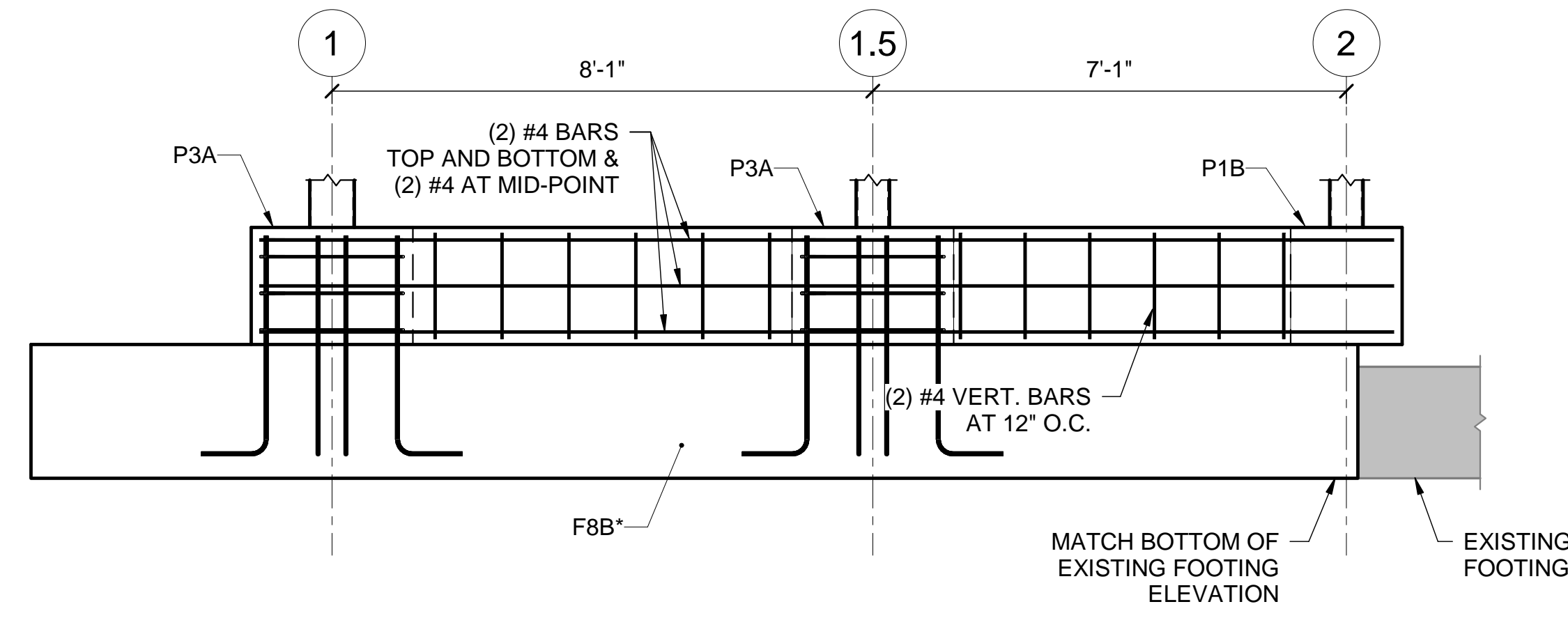
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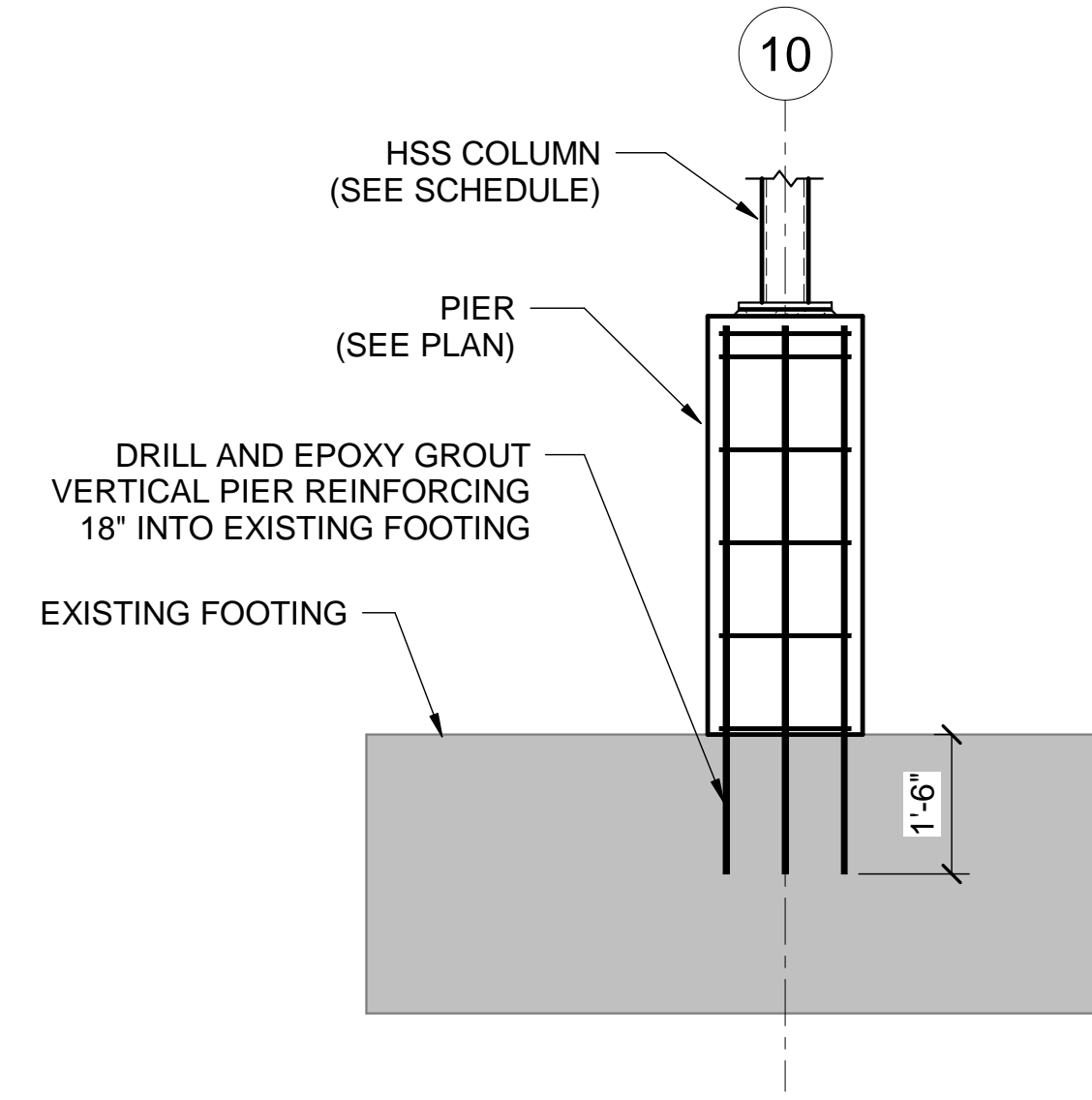
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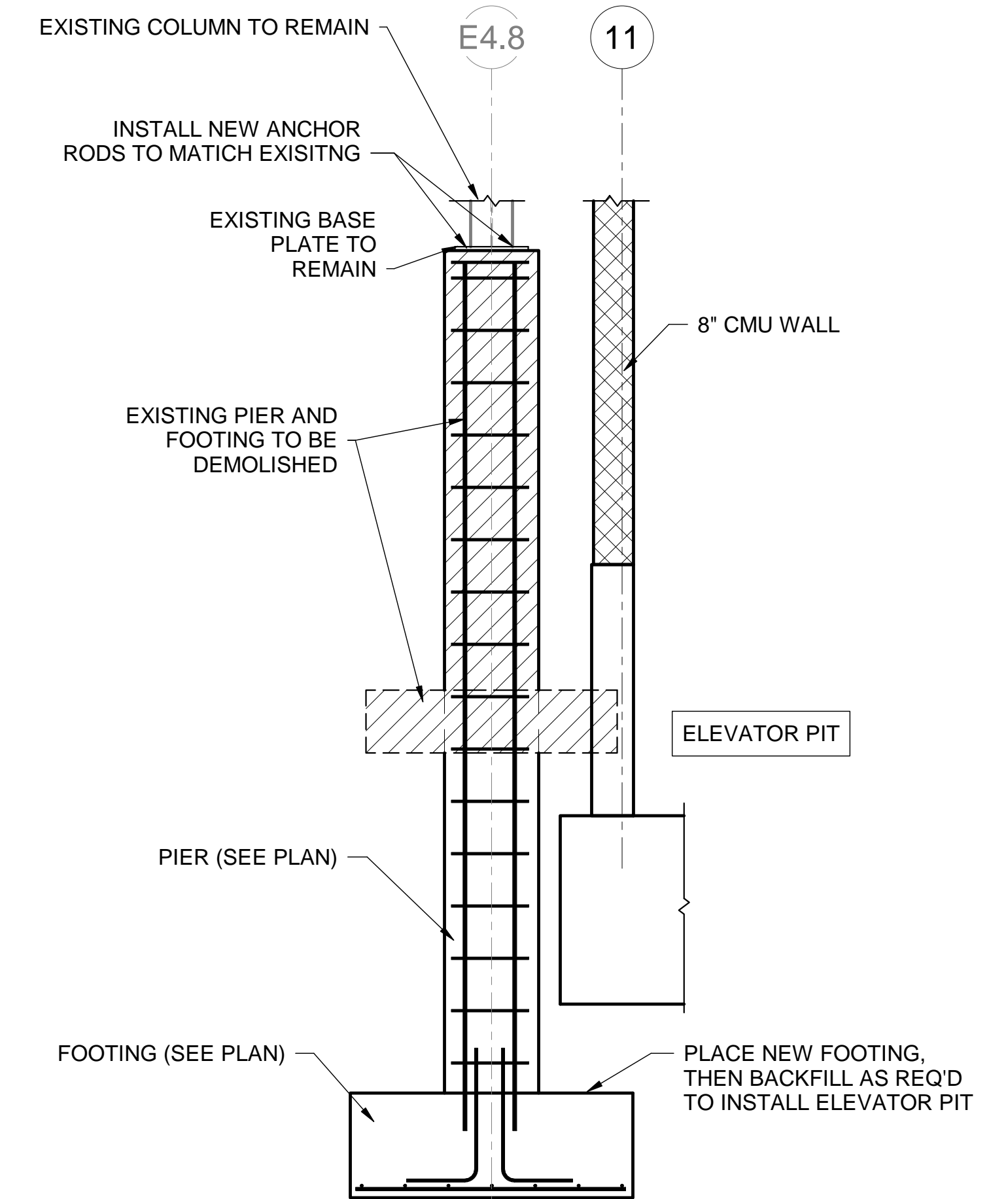
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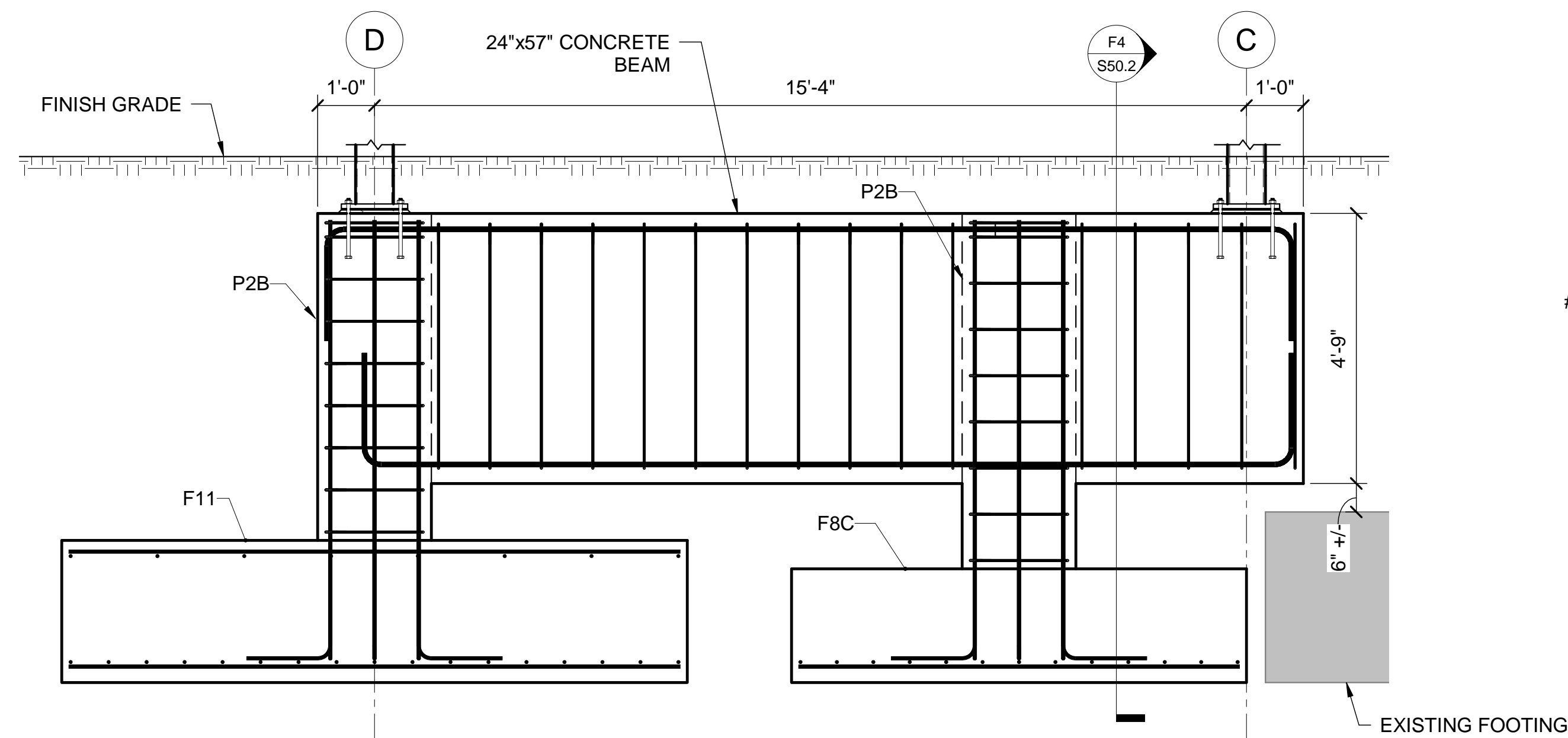
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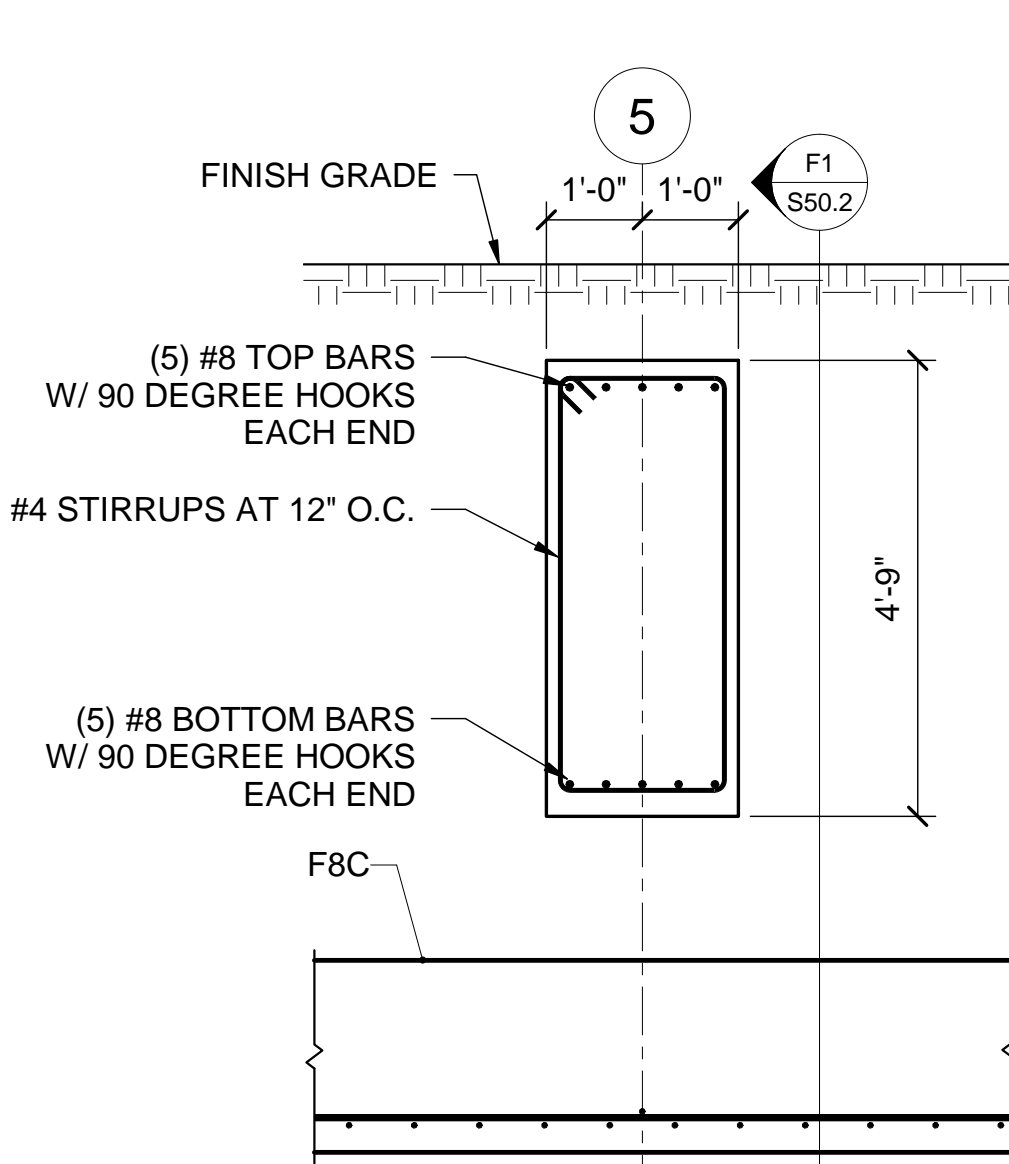
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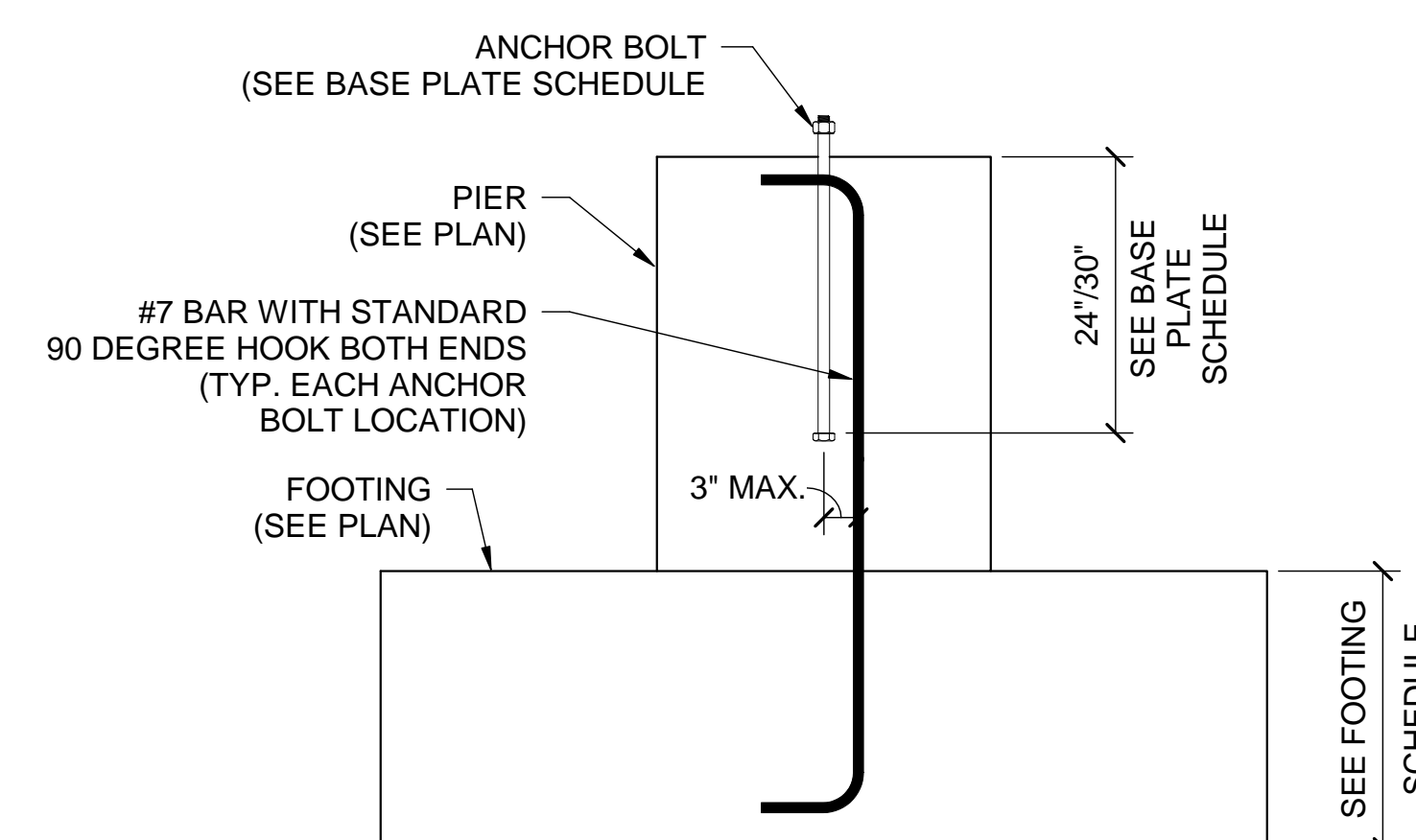
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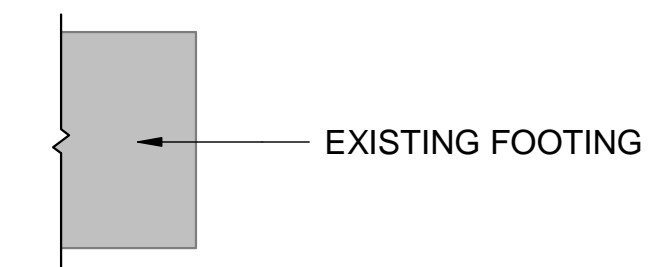
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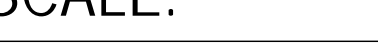




**F4 SECTION**  
SCALE: 1/2" = 1'-0"



**F6** TYPICAL SUPPLEMENTAL TENSION REINFORCEMENT  
SCALE: 3/4" = 1'-0"



SCALE:		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title FOUNDATION DETAILS		Phase FINAL CONSTRUCTION DOCUMENTS		Project Title CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE		Project Number 650-337	
								VA U.S. Department of Veterans Affairs		Approved:		SPRINKLERED		Location PROVIDENCE, RHODE ISLAND		Building Number 1	
				Auburn, ME 207.784-5100 Portland, ME 207.775.0053 Portsmouth, NH 603.626.1242 Boston, MA 617.426.5050 © 2019 HA PROJECT NUMBER: 13586								Issue Date 2-22-19		Checked RMP/JCF		Drawing Number S50.2	
Revisions:		Date:												Drawn MRM			





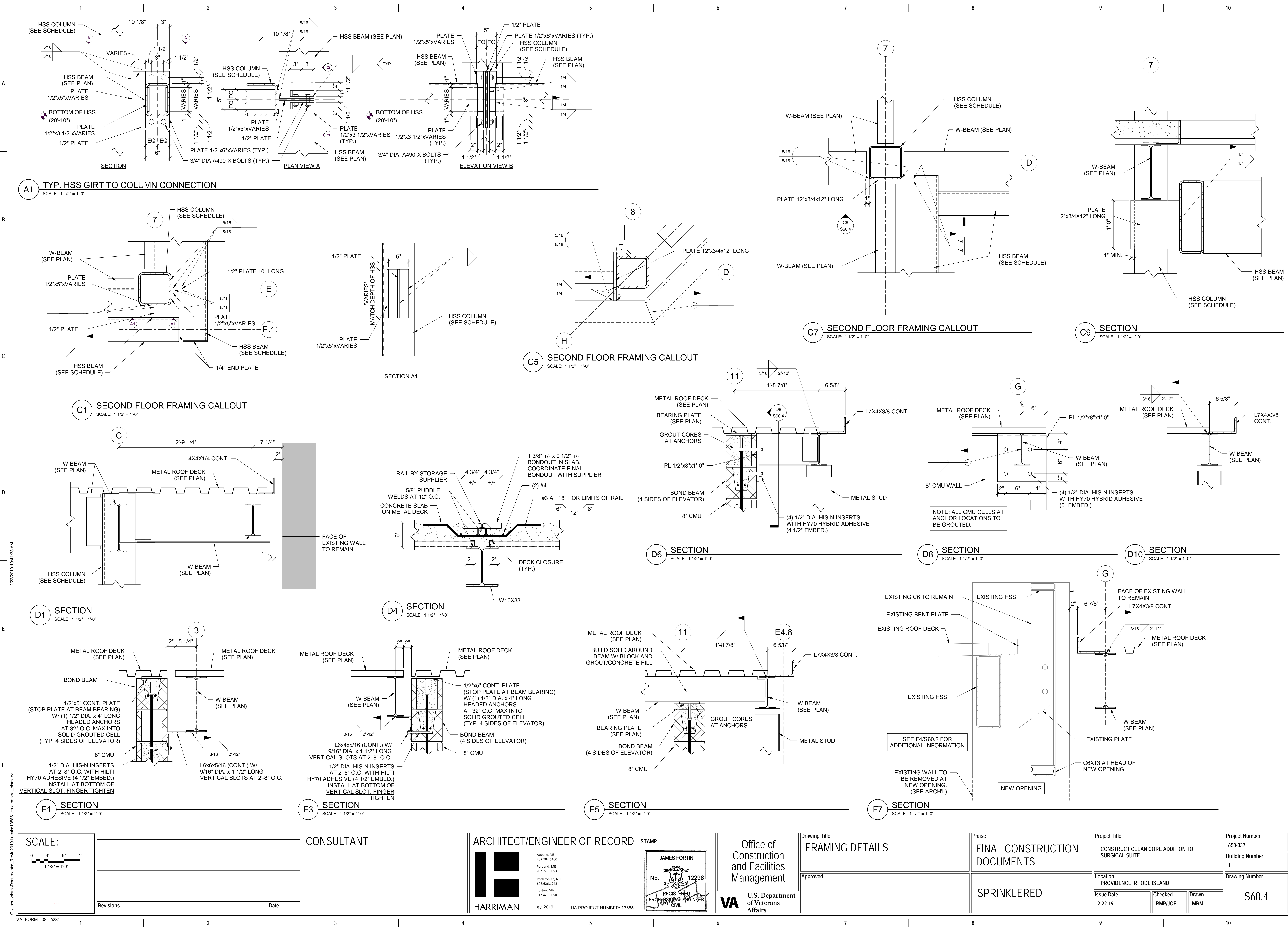












SCALE:	
1 1/2" = 1'-0"	
Revisions:	Date:

CONSULTANT

ARCHITECT/ENGINEER OF RECORD
Autumn, ME 207.784.5100 Portland, ME 207.775.0053 Portsmouth, NH 603.636.1242 Boston, MA 617.426.5050
HARRIMAN

STAMP

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title
FRAMING DETAILS
Approved:

Phase
FINAL CONSTRUCTION DOCUMENTS
SPRINKLERED

Project Title
CONSTRUCT CLEAN CORE ADDITION TO SURGICAL SUITE
Location
PROVIDENCE, RHODE ISLAND
Issue Date
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MRM
Project Number
650-337
Building Number
1
Drawing Number
S60.4