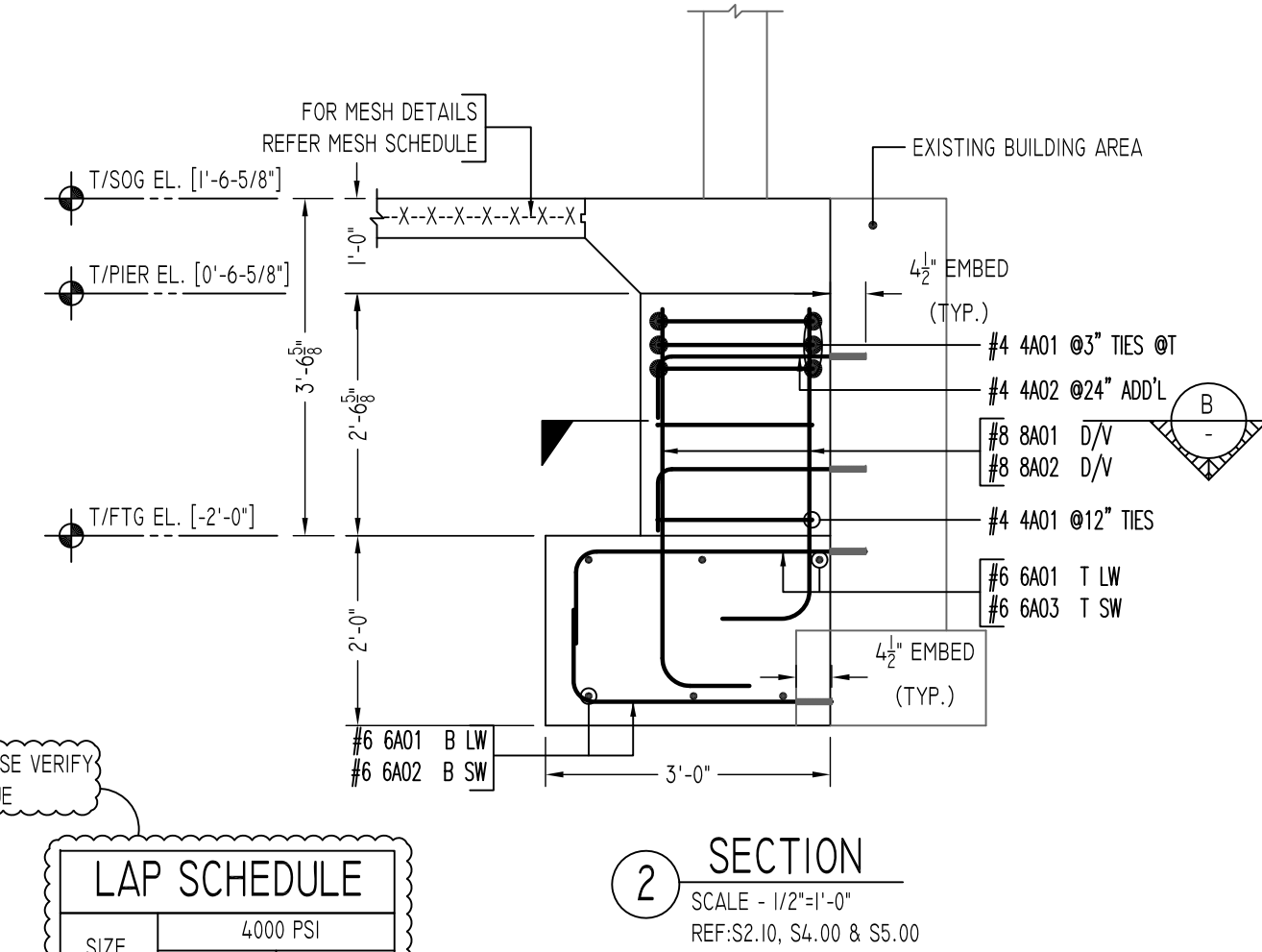
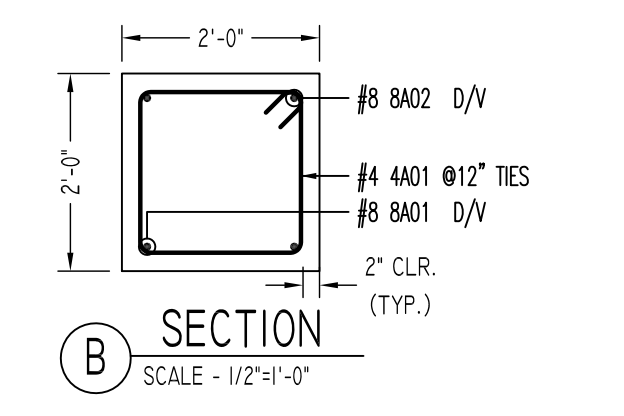
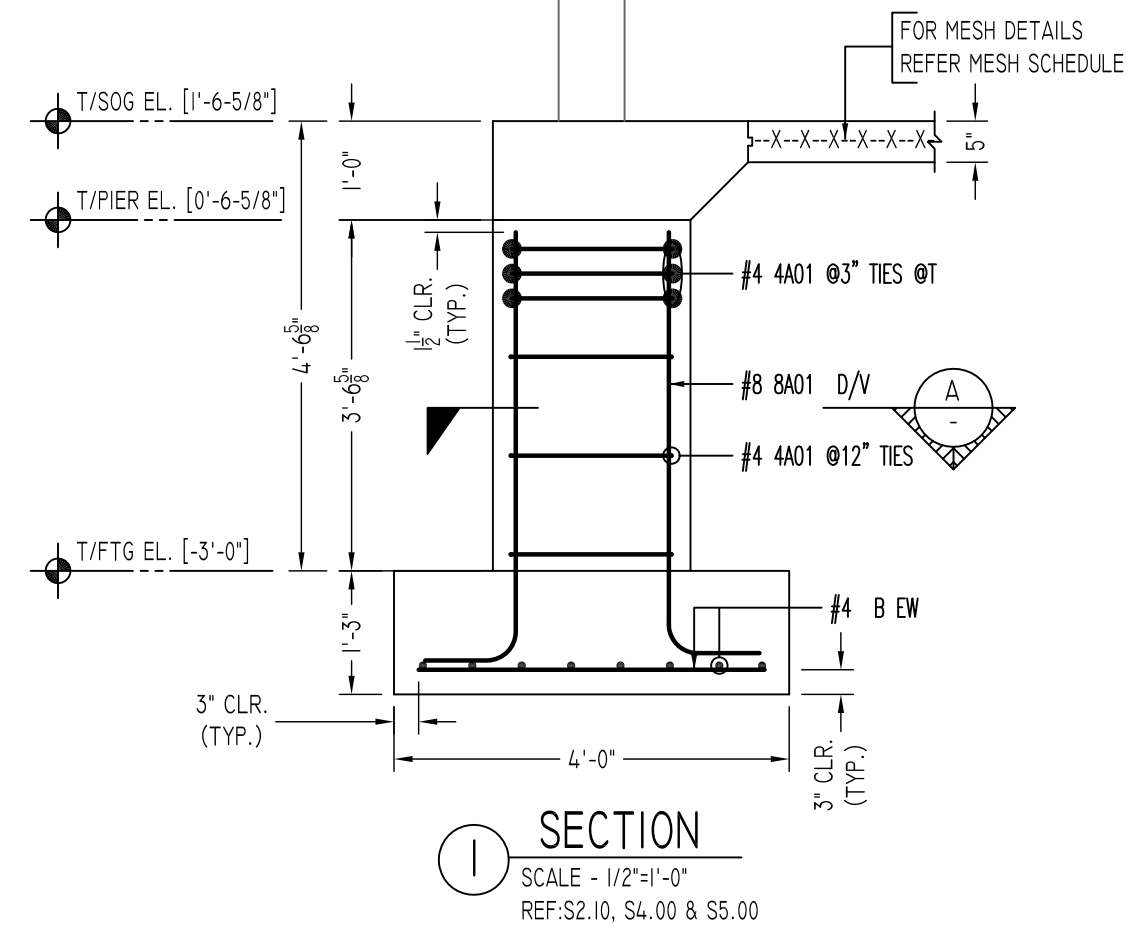
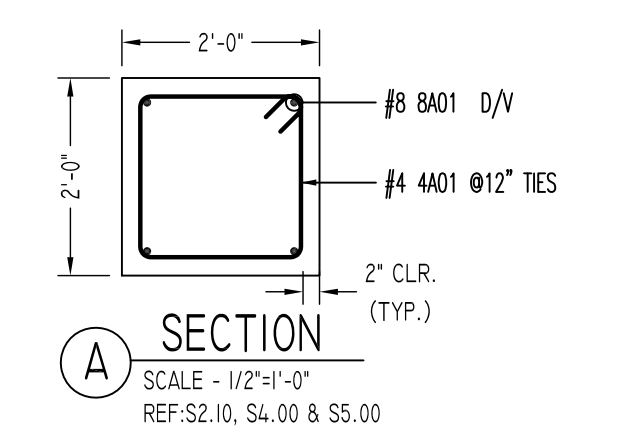


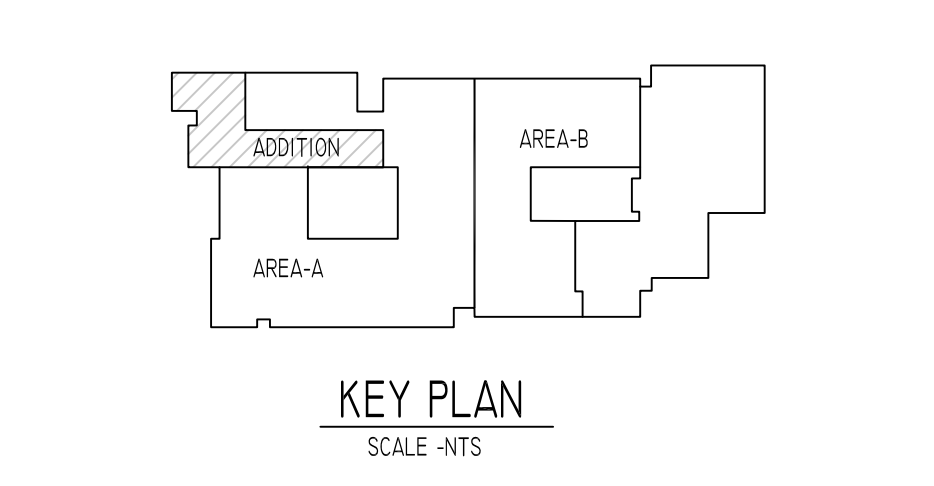
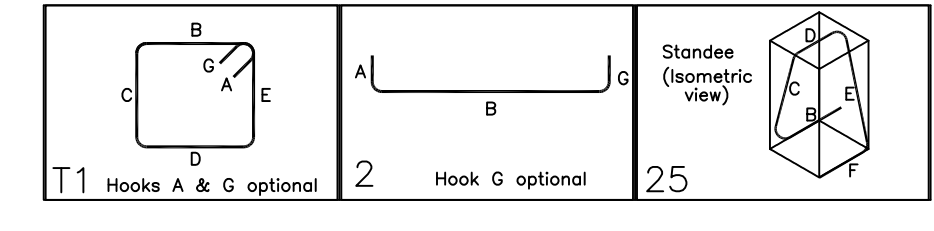
AREA-A FOUNDATION REINFORCEMENT DETAILS
SCALE: 1/8" = 1'-0"
REF: S2.10, S4.00 & S5.00



FOOTING SCHEDULE					
MARK	QTY	SIZE	GRID LOCATION	REINFORCING	REMARK
F40	9	4'-0"x4'-0"x1'-3"	V11, V13, R/1, R/2.3, R/3, Q/2, Q/4, K/2 & K/9	9x2x8 #4 X 3'-6" B EW	REFER SECTION-1
F40A	1	4'-0"x4'-0"x1'-3"	K, I/4	2 #4 X 3'-6" B LW 6 #4 X 2'-6" B LW 4 1/2 EMBED	REFER SECTION-2
F40B	1	4'-0"x4'-0"x1'-3"	K/8	5 #4 X 3'-6" B SW 3 #4 X 1'-3" B SW 4 1/2 EMBED	REFER SECTION-2
F4030	9	4'-0"x3'-0"x2'-0"	V15, R/5, Q/5, P/1, P/7, P/8, K/6, K/7 & K/10	9x3 #6 6A03 T SW 9x3 #6 6A02 B SW 4 1/2 EMBED 9x3 #6 6A01 T LW 9x3 #6 6A01 B LW 9x2 #4 4A06 @48" STANDEE	REFER SECTION-2
F4030A	1	4'-0"x3'-0"x2'-0"	P/9	3 #6 6A07 T SW 3 #6 6A08 B SW 4 1/2 EMBED 3 #6 6A01 T LW 3 #6 6A01 B LW 2 #4 4A06 @48" STANDEE	REFER SECTION-2
F4030B	1	4'-0"x3'-0"x2'-0"	P/10	3 #6 6A03 T SW 3 #6 6A06 B SW 4 1/2 EMBED 3 #6 6A04 T LW 3 #6 6A05 B LW 4 1/2 EMBED 2 #4 4A06 @48" STANDEE	REFER SECTION-2

PIER SCHEDULE						
MARK	QTY	SIZE	GRID LOCATION	VERTICAL	TIES	REMARKS
PI	7	2'-0"x2'-0"	V11, V13, R/1, Q/2, K, I/2, K, I/4 & K/8	5x4 #8 8A01 D/V 2x2 #8 8A01 D/V 2x2 #8 8A02 D/V	7x3 #4 4A01 @3" TIES @1 7x3 #4 4A01 @12" TIES 2x2x2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-1
PIA	5	2'-0"x2'-0"	V15, R/5, P/6, P/7 & P/8	5x2 #8 8A15 D/V 5x2 #8 8A08 D/V	5x3 #4 4A01 @3" TIES @1 5x2 #4 4A01 @12" TIES 2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PIB	1	2'-0"x2'-0"	K/6	2 #8 8A14 D/V 2 #8 8A07 D/V	3 #4 4A01 @3" TIES @1 3 #4 4A01 @12" TIES 2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PIC	1	2'-0"x2'-0"	Q/5	2 #8 8A13 D/V 2 #8 8A06 D/V	3 #4 4A01 @3" TIES @1 2 #4 4A01 @12" TIES 2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PID	2	2'-0"x2'-0"	P/9 & P/10	2x2 #8 8A12 D/V 2x2 #8 8A05 D/V	2x3 #4 4A01 @3" TIES @1 2x3 #4 4A01 @12" TIES 2x2x2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PIE	1	2'-0"x2'-0"	K/10	2 #8 8A11 D/V 2 #8 8A04 D/V	3 #4 4A01 @3" TIES @1 3 #4 4A01 @12" TIES 2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PIF	1	2'-0"x2'-0"	K/7	2 #8 8A10 D/V 2 #8 8A03 D/V	3 #4 4A01 @3" TIES @1 3 #4 4A01 @12" TIES 2 #4 4A02 @24" ADD'L 4 1/2 EMBED @ EXISTING DRILLED & EPOXY	REFER SECTION-2
PIG	1	2'-0"x2'-0"	K/9	4 #8 8A09 D/V	3 #4 4A01 @3" TIES @1 4 #4 4A01 @12" TIES	REFER SECTION-1

BENDING DETAILS												
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	X	Y	Z	X	Y
4A01	108	#4	7'-5 1/2"	11	0'-4 1/2"	1'-6"	1'-6"	1'-6"	1'-6"	1'-6"	0'-4 1/2"	1'-6"
4A02	34	#4	2'-10"	2	0'-6"	2'-2"						
4A06	22	#4	6'-2 3/4"	25	0'-6"	1'-6"	1'-3 3/4"	0'-6"	1'-3 3/4"	1'-6"	1'-3"	0'-7 1/2"
6A01	60	#6	4'-6"	2	1'-0"	3'-6"						
6A02	27	#6	3'-9"	2	1'-0"	2'-9"						
6A03	30	#6	4'-1"	2	1'-0"	3'-1"						
6A04	3	#6	5'-0"	2	1'-0"	4'-0"						
6A05	3	#6	4'-7"	2	1'-0"	3'-7"						
6A06	3	#6	3'-7"	2	1'-0"	2'-7"						
6A07	3	#6	3'-5 1/2"	2	1'-0"	2'-5 1/2"						
6A08	3	#6	3'-0"	2	1'-0"	2'-0"						
8A01	24	#8	5'-7"	2	1'-4"	4'-3"						
8A02	4	#8	4'-8"	2	1'-4"	3'-4"						
8A03	2	#8	3'-4"	2	1'-4"	2'-0"						
8A04	2	#8	5'-5"	2	1'-4"	4'-1"						
8A05	4	#8	5'-6"	2	1'-4"	4'-2"						
8A06	2	#8	3'-10"	2	1'-4"	2'-6"						
8A07	2	#8	4'-11"	2	1'-4"	3'-7"						
8A08	10	#8	4'-5"	2	1'-4"	3'-1"						
8A09	4	#8	6'-9"	2	1'-4"	5'-5"						
8A10	2	#8	4'-3"	2	1'-4"	2'-11"						
8A11	2	#8	6'-4"	2	1'-4"	5'-0"						
8A12	4	#8	6'-5"	2	1'-4"	5'-1"						
8A13	2	#8	4'-9"	2	1'-4"	3'-5"						
8A14	2	#8	5'-10"	2	1'-4"	4'-6"						
8A15	10	#8	5'-4"	2	1'-4"	4'-0"						



LAP SCHEDULE		
SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

A/E PLEASE VERIFY
COVER VALUE

A/E PLEASE VERIFY
LAP VALUE

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
FOOTING TOP	2" CLR
FOOTING TOP SIDE & BOTTOM	3" CLR

Abbreviations:
I.F. = Inside Face
O.F. = Outside Face
E.F. = Each Face
DWL = Dowel
V = Vertical
H = Horizontal
C.B. = Corner Bar
S.DWL = Slab Dowel
E.W. = Each Way
B/BOT = Bottom
T = Top
MDWL = Masonry Dowel
B.B. = Bond Beam
ALT. = Alternate
Approx. = Approximate

OPNG = Opening
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BTW. = Between
CJ. = Construction Joint
CLR. = CLEARANCE
CMU. = Concrete Masonry Unit
CONT. = Continuous
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Elev. = Elevation
EMB. = Embedment
SW. = Short Way
LW. = Long Way
BL. = Black Bar
(EP) = Epoxy Bar
(GA) = Galvanized

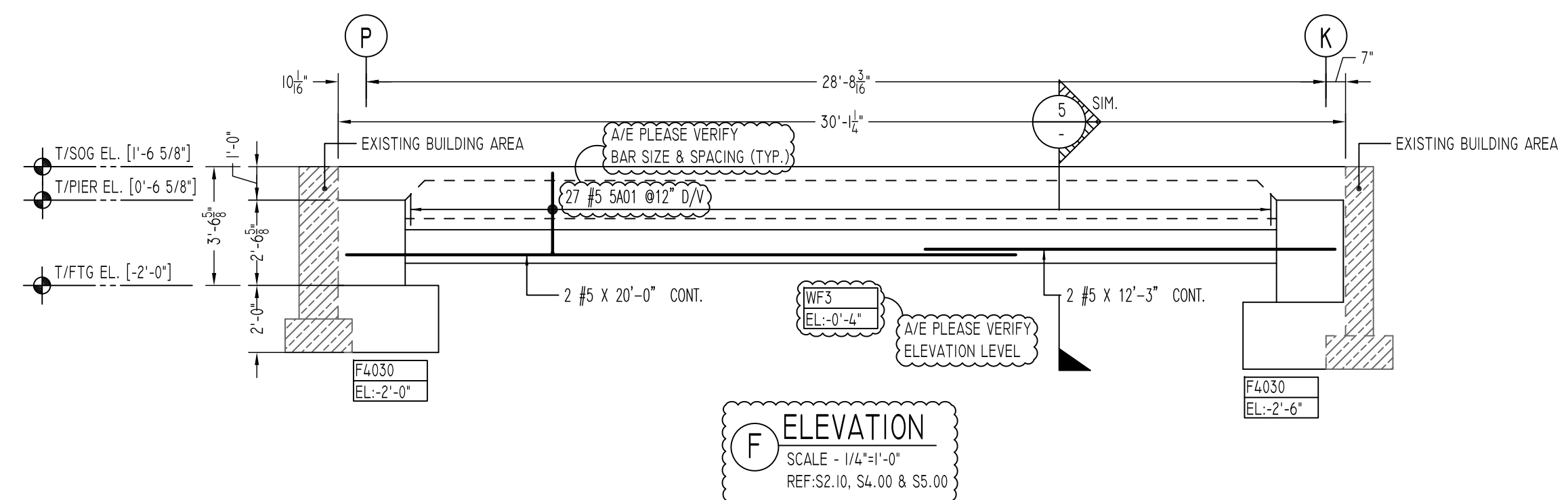
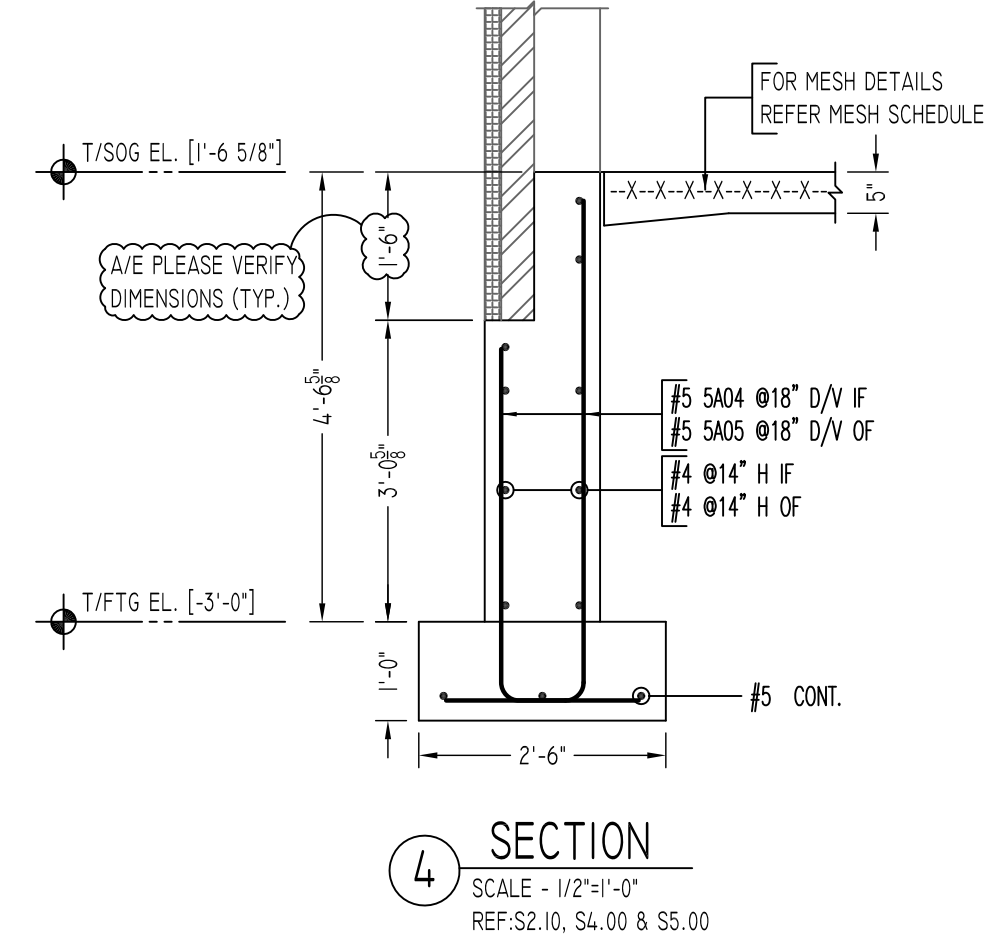
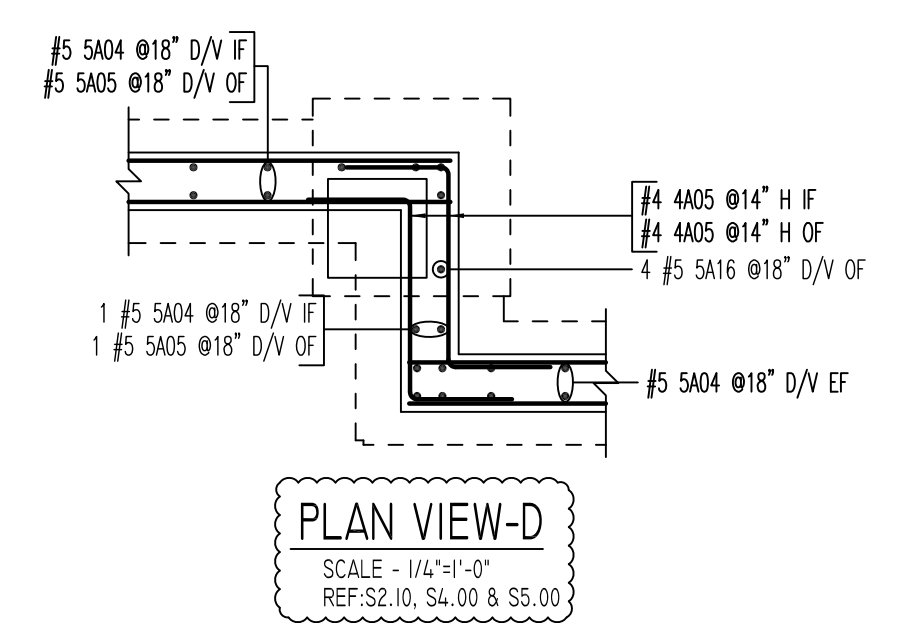
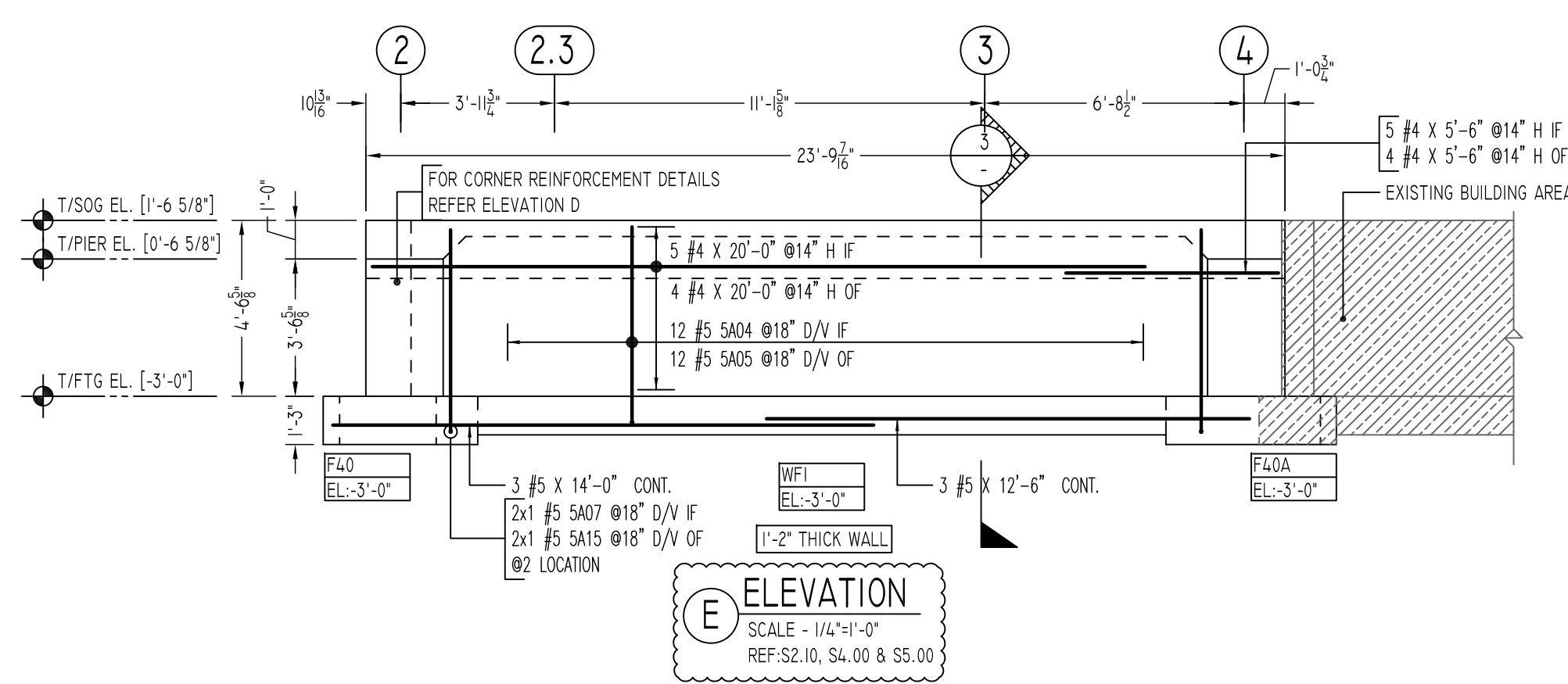
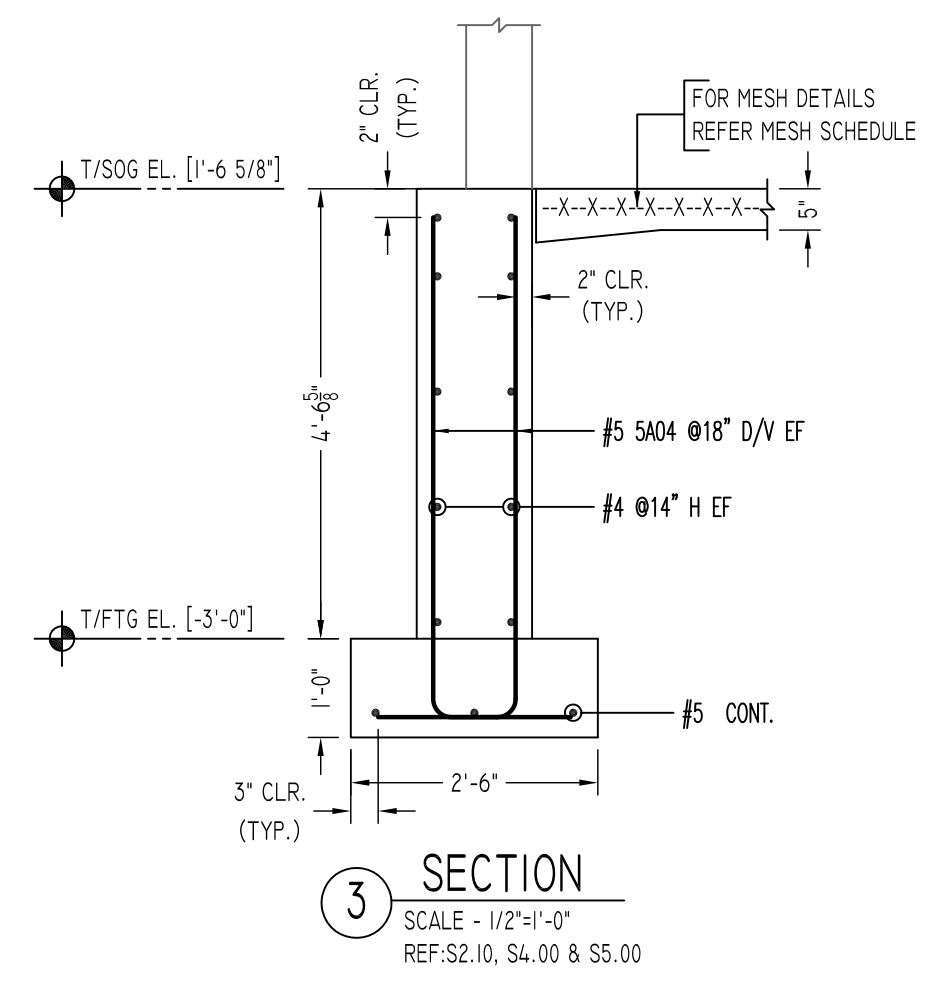
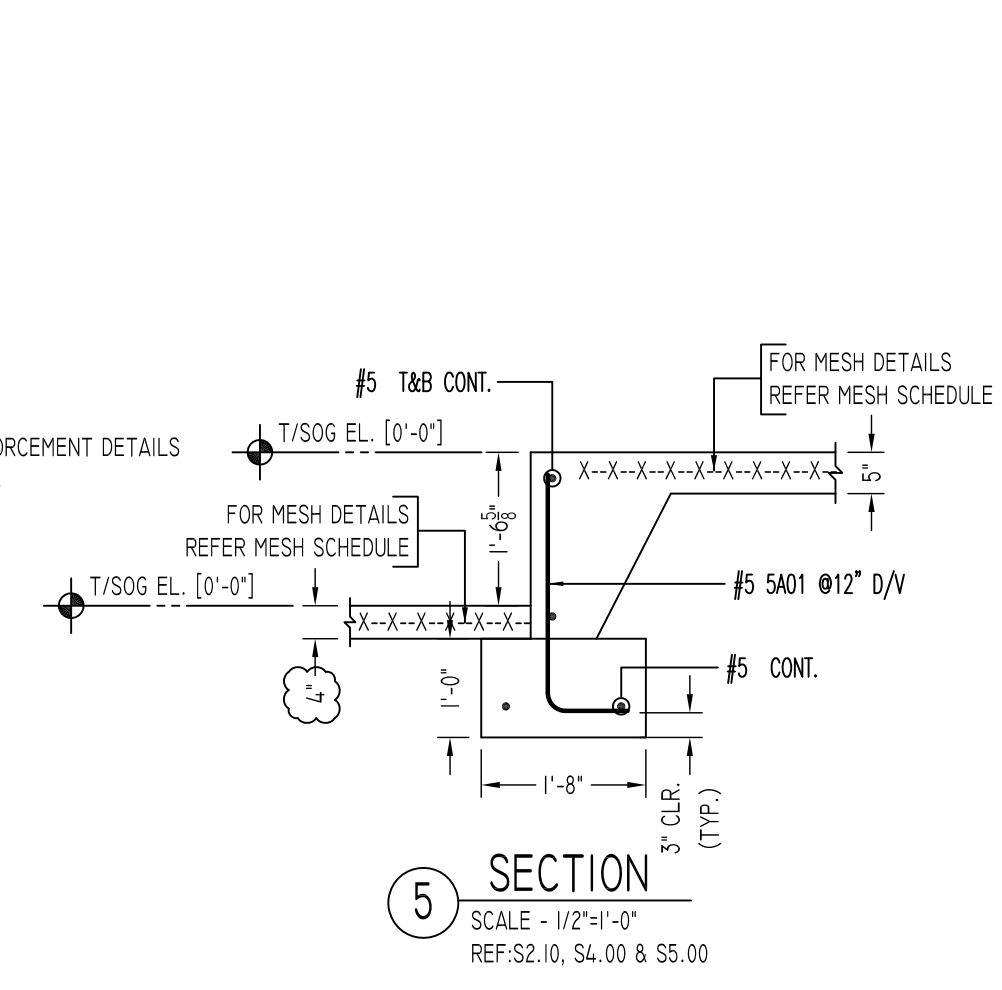
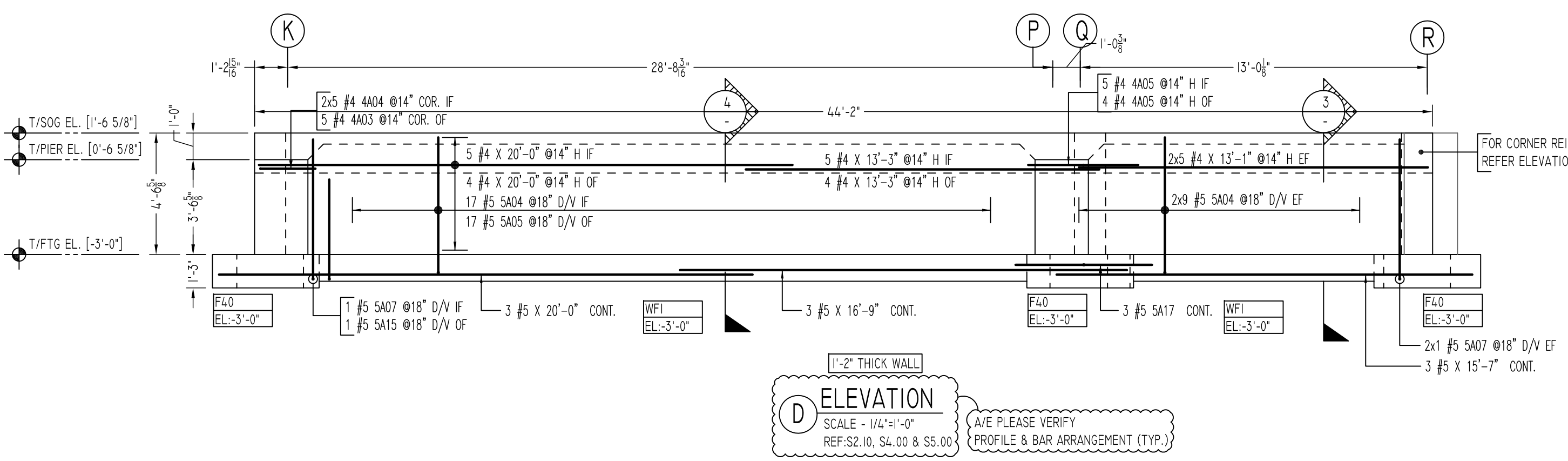
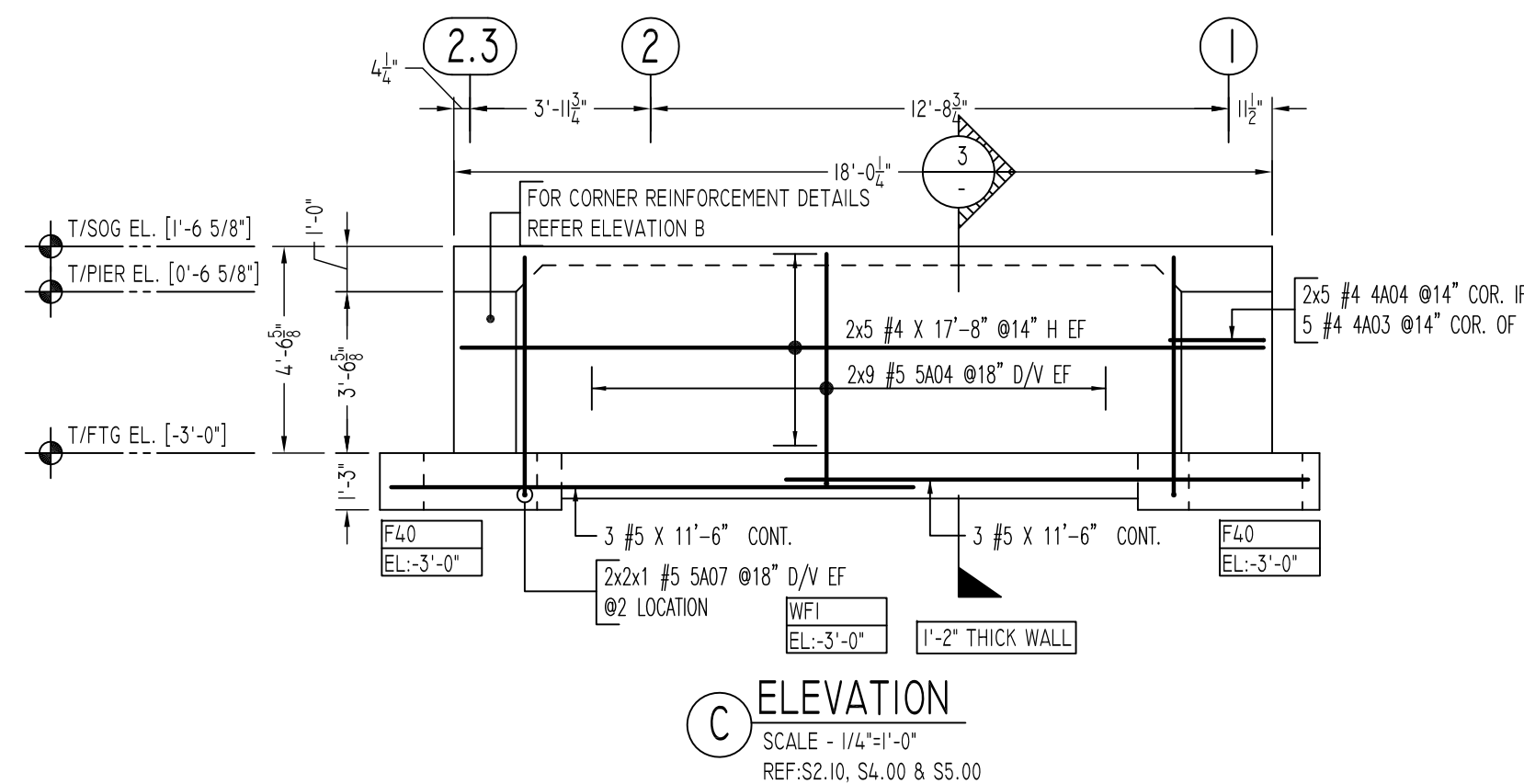
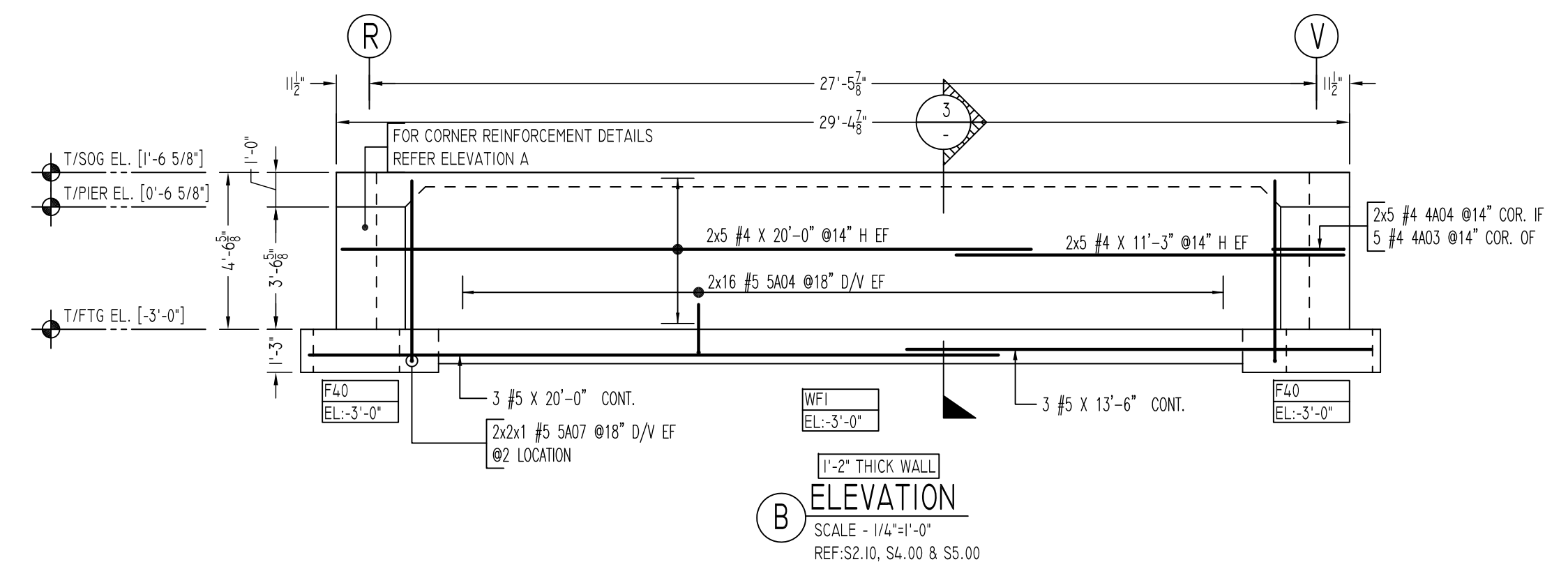
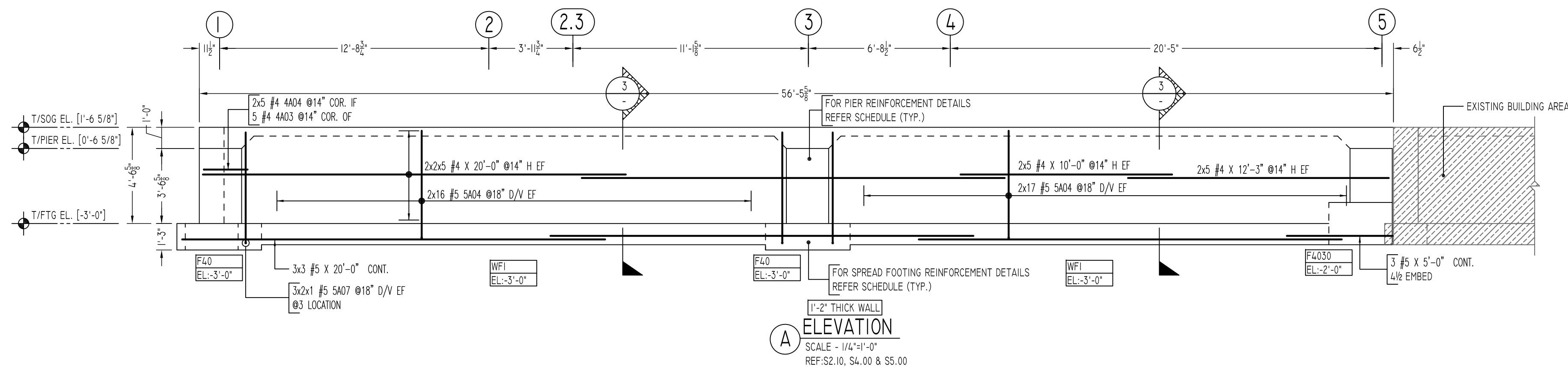
NOTICE
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REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.

REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	08/09/22

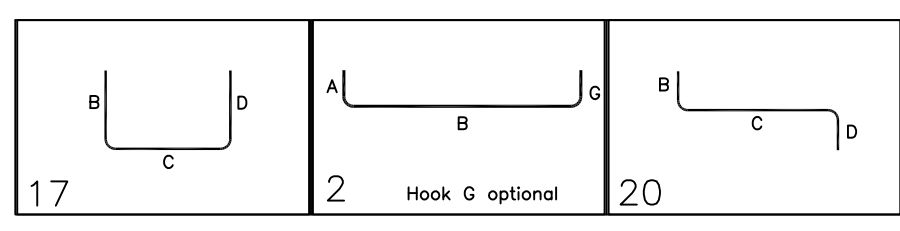
PROJECT	LATIMER LANE SCHOOL RENOVATION
LOCATION	33 MOUNTAIN VIEW DRIVE WEATOGUE, CT 06089
ARCHITECT	TECTON ARCHITECTS
ENGINEER	MICHAEL HORTON ASSOCIATES, INC.
CUSTOMER	

DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
GOW/MRS	08/09/22	T/L	22065
DRAWING TITLE:	AREA-A FOUNDATION REINFORCEMENT DETAILS		DRAWING NO.:
			R01



Rebar Number: R02

Bar Mark	Qty	#	Size	Total Length	Type	Y	Y'	Y''	Y'''	Y''''	Y'''''	Y''''''	Y'''''''	Y''''''''
4A03	20	#4	4'-2"	17										
4A04	40	#4	2'-3"	2	0'-8"									
4A05	8	#4	8'-3"	20										
5A01	27	#5	3'-3"	2	0'-10"									
5A04	164	#5	6'-5"	17										
5A05	32	#5	5'-0"	17										
5A07	19	#5	6'-1"	2	0'-10"									
5A15	3	#5	4'-7"	2	0'-10"									
5A16	4	#5	5'-2"	17										
5A17	3	#5	9'-3"	20										



LAP SCHEDULE (4000 PSI)

SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
FOUNDATION WALL TOP	2" CLR
FOUNDATION WALL SIDE	2" CLR

NOTICE

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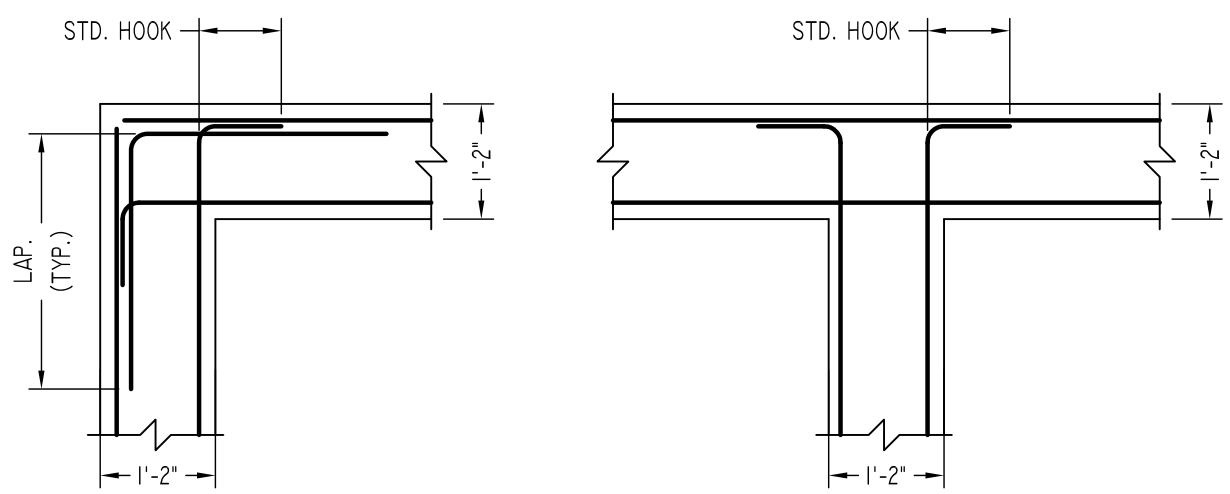
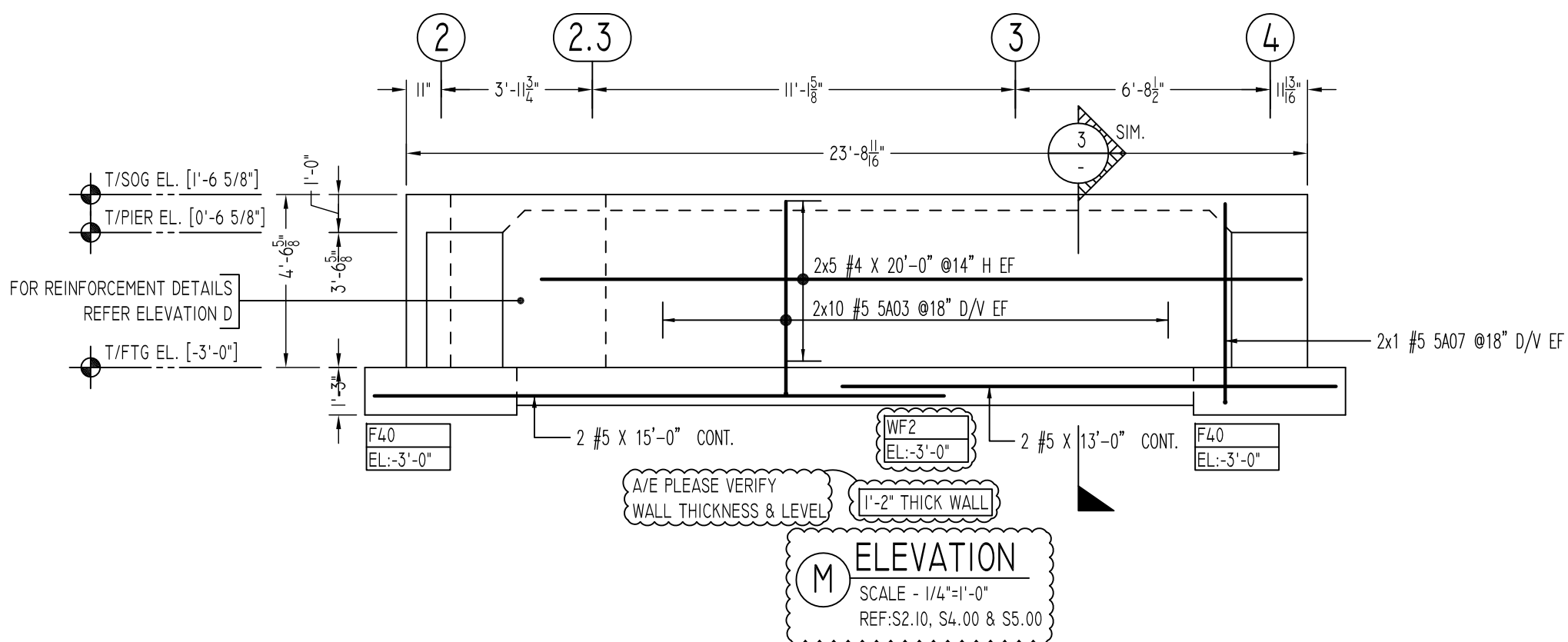
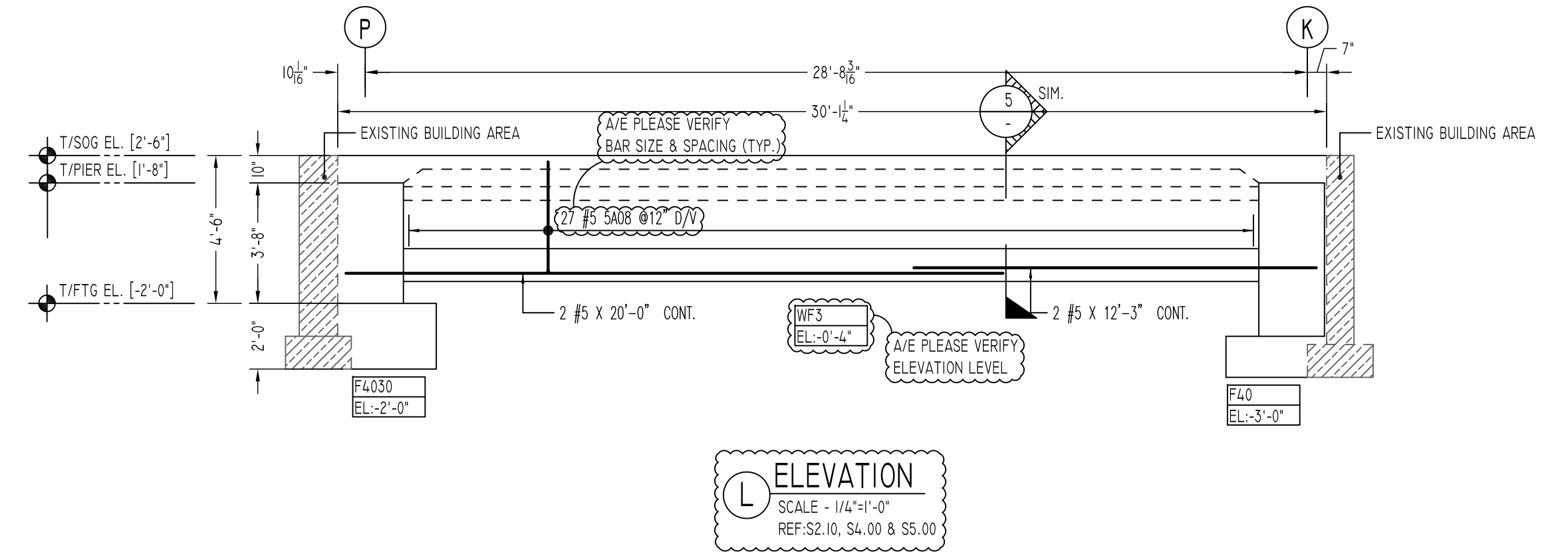
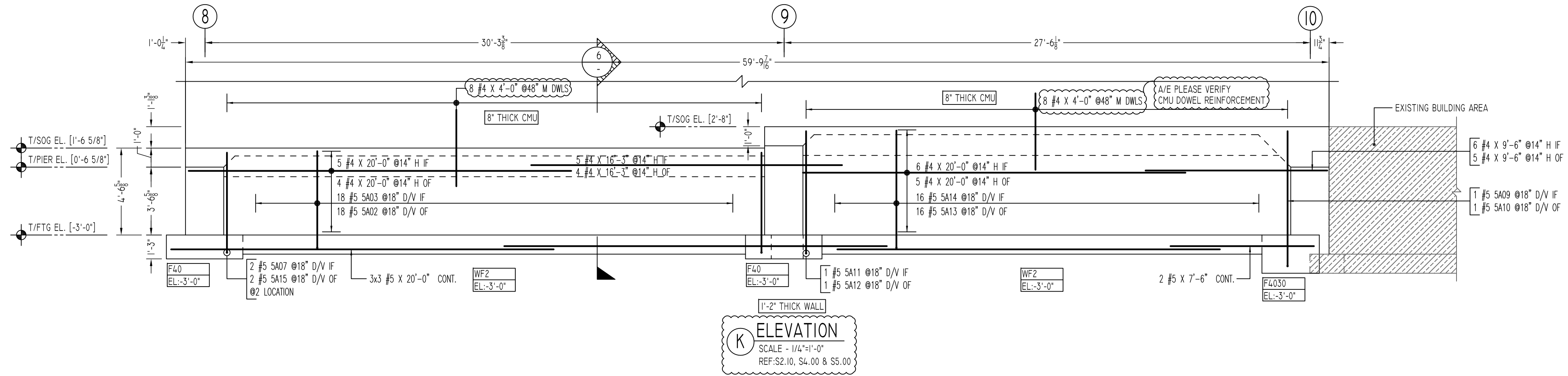
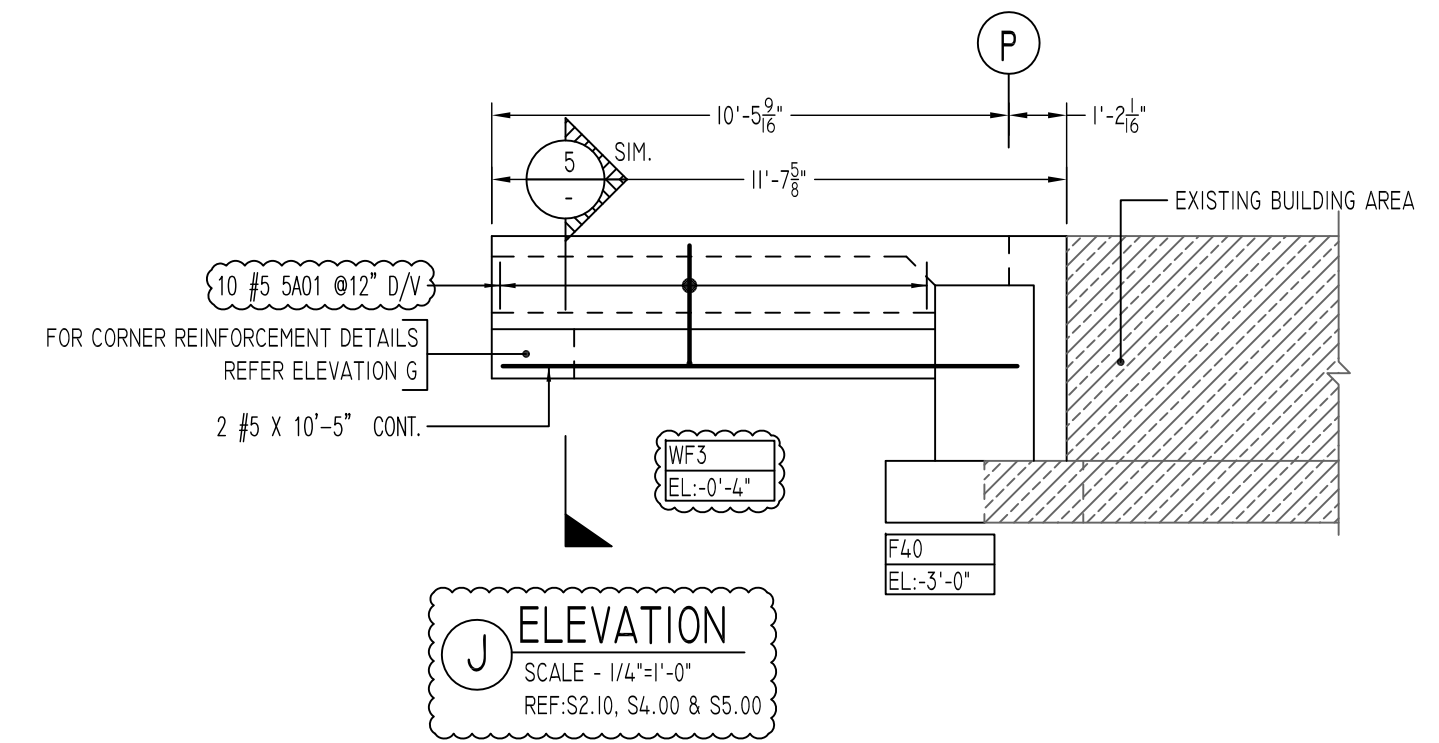
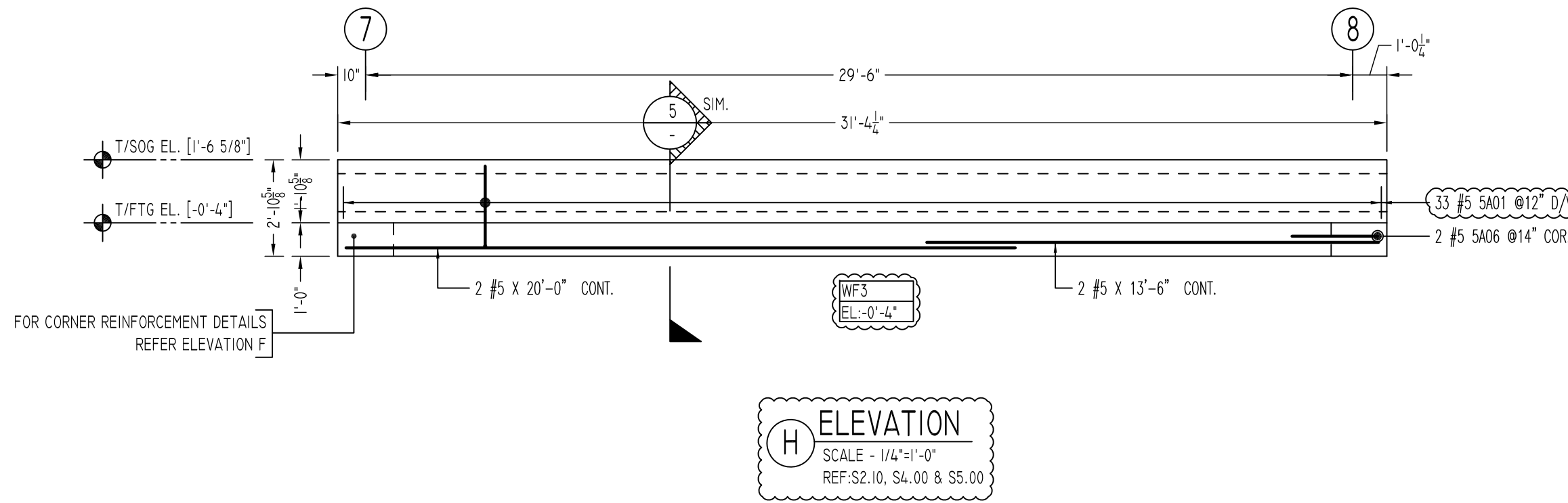
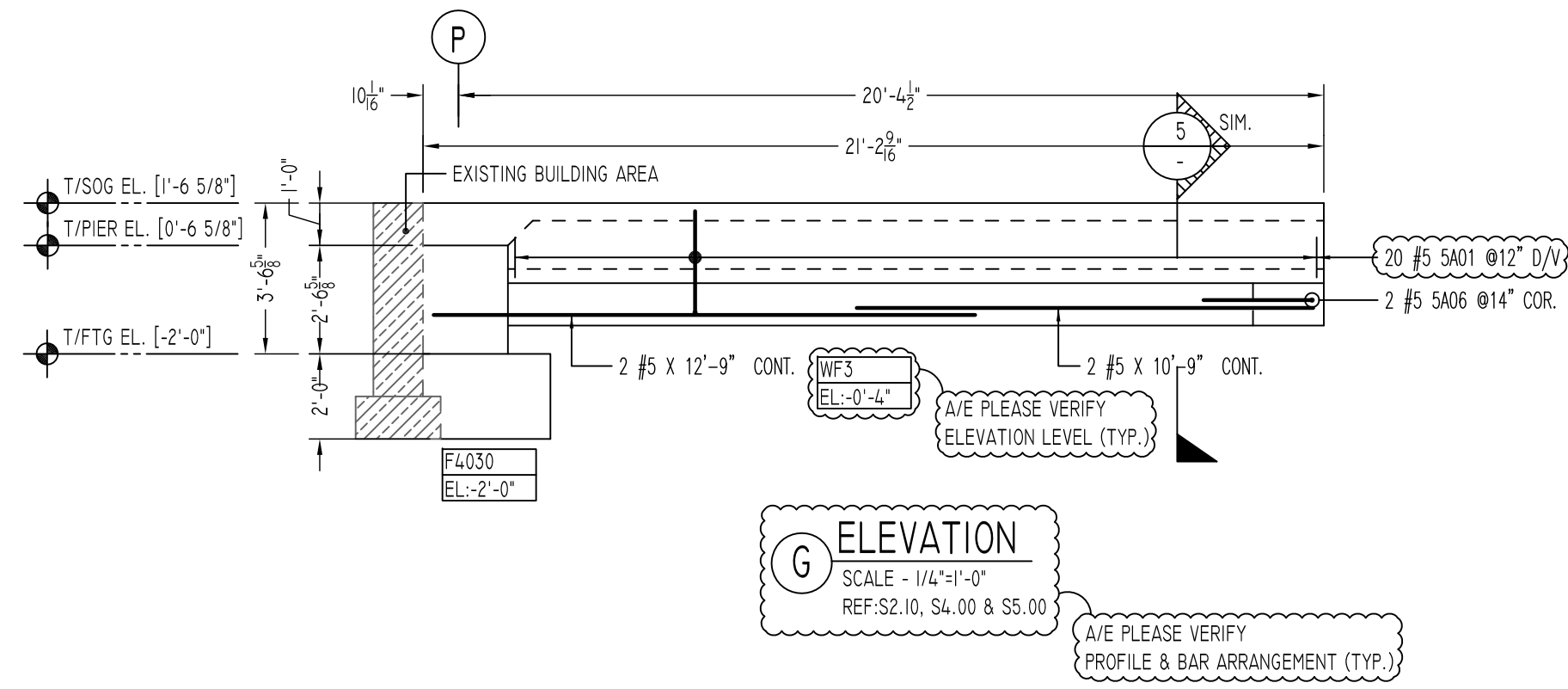
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	08/09/22

PROJECT	LATIMER LANE SCHOOL RENOVATION
LOCATION	33 MOUNTAIN VIEW DRIVE WEATOGUE, CT 06089
ARCHITECT	TECTON ARCHITECTS
ENGINEER	MICHAEL HORTON ASSOCIATES, INC.
CUSTOMER	

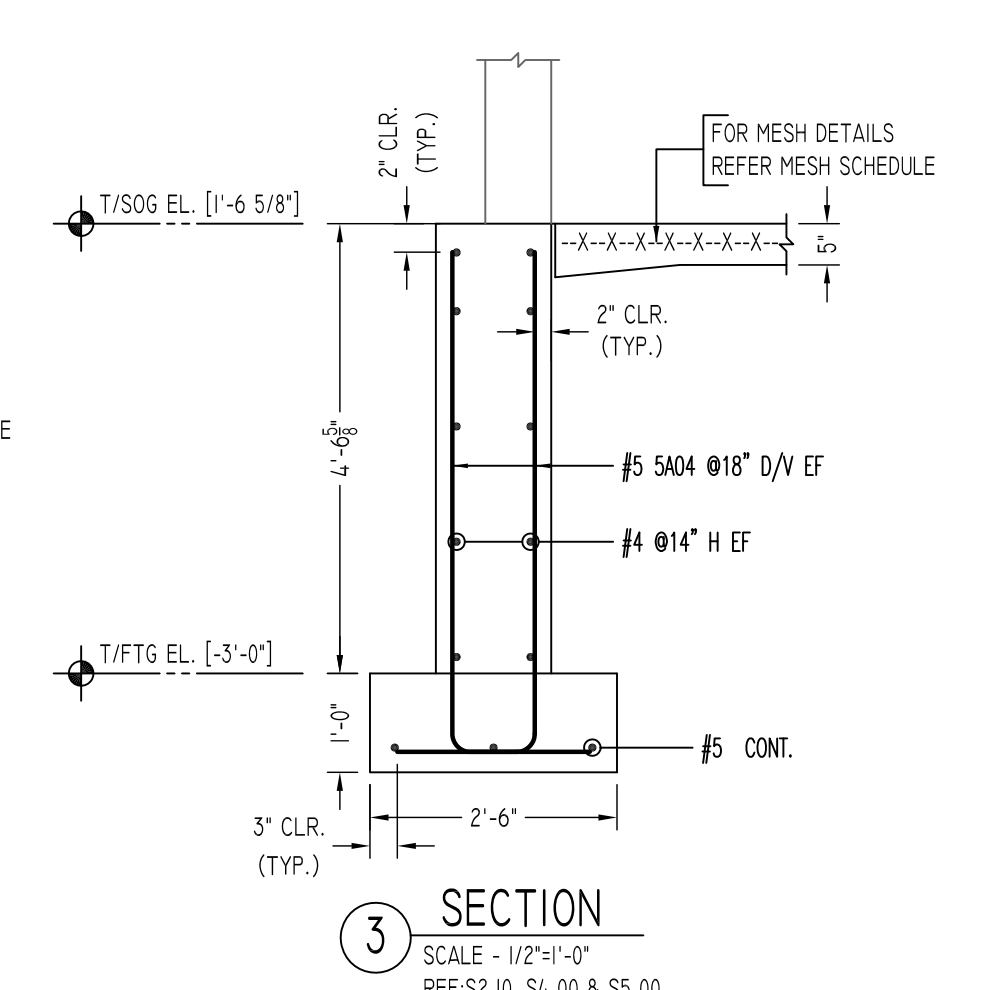
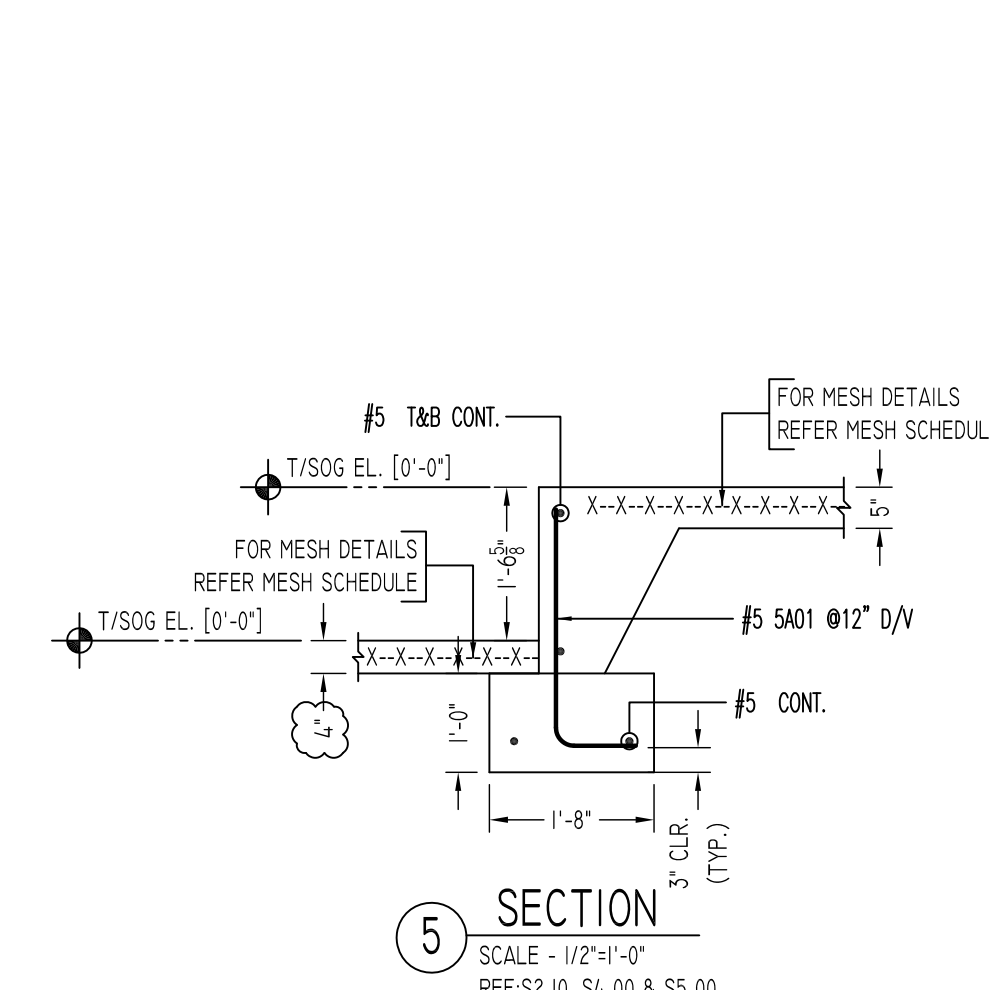
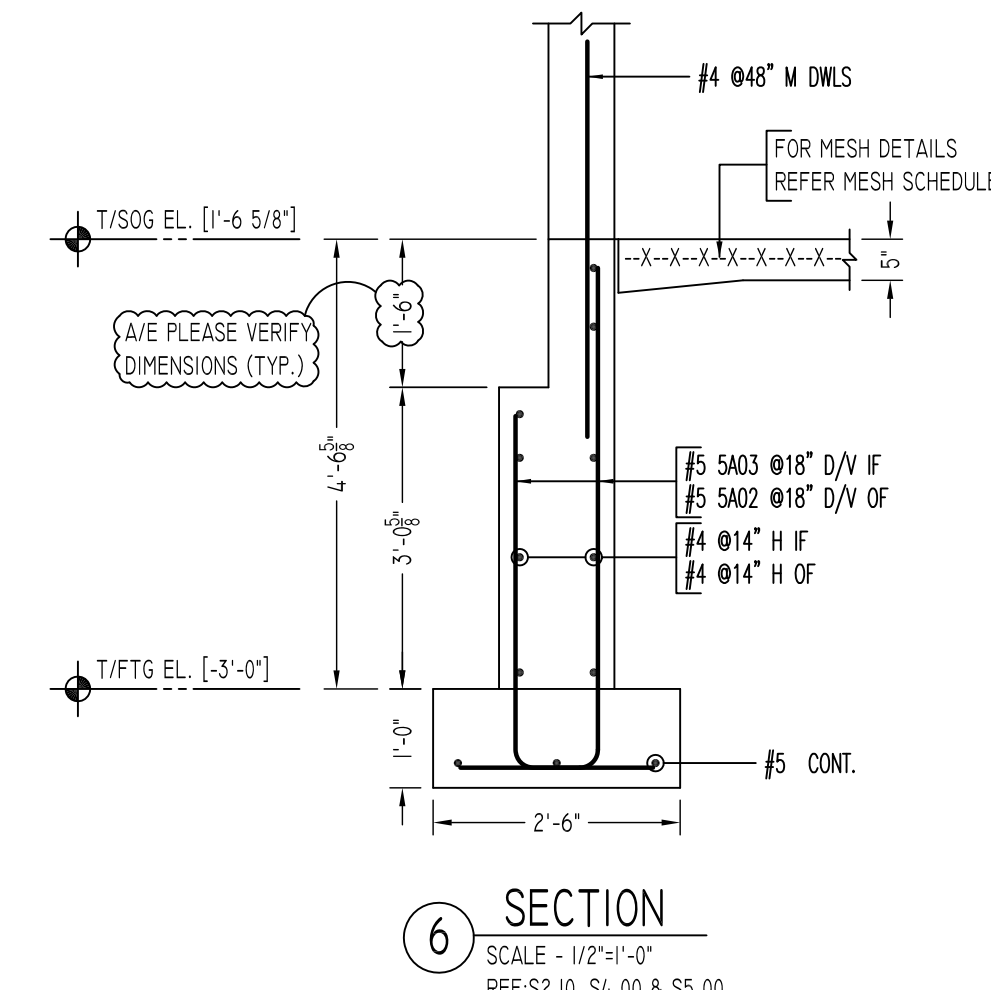
DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
GOW/MRS	08/09/22	T/L	22065
DRAWING TITLE:	AREA-A FOOTING & FOUNDATION WALL REINFORCEMENT DETAILS		DRAWING NO.:
			R02

Abbreviations:
 I.F.=Inside Face
 O.F.=Outside Face
 E.F.=Each Face
 V=Vertical
 H=Horizontal
 C.B.=Corner Bar
 S.DWL.=Slab Dowel
 E.W.=Each Way
 B/BOT.=Bottom
 T=Top
 MDWL.=Masonry Dowel
 B.B.=Bond Beam
 ALT.=Alternate
 Approx.=Approximate

OPNG=Opening
 BAL.=Balance
 BTW.=Between
 C.J.=Construction Joint
 CLR.=CLEARANCE
 CMU.=Concrete Masonry Unit
 CONT.=Continuous
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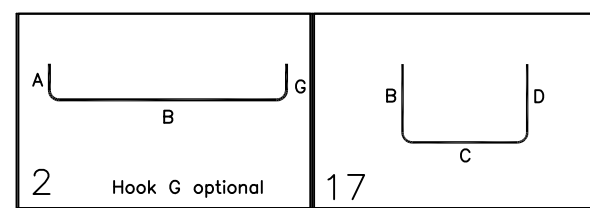


TYPICAL WALL CORNER & INTERSECTION DETAILS



Release Number: R03

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	M'	L'	K'	J'	I'	H'	G'	F'	E'	D'	C'	B'	A'	
S401	63	#5	2'-3"	2	0'-10"	2'-5"																									
S402	18	#5	4'-9"	17		3'-7"	1'-2"																								
S403	38	#5	6'-5"	17		5'-1"	1'-2"																								
S406	4	#5	5'-2"	17		2'-7"	1'-2"																								
S407	4	#5	6'-1"	2	0'-10"	5'-3"	2'-7"																								
S408	27	#5	4'-2 1/2"	2	0'-10"	3'-4 1/2"																									
S409	1	#5	7'-11"	2	0'-10"	7'-1"																									
S410	1	#5	6'-5"	2	0'-10"	5'-7"																									
S411	1	#5	7'-3"	2	0'-10"	6'-5"																									
S412	1	#5	5'-9"	2	0'-10"	4'-11"																									
S413	18	#5	5'-10"	17		4'-8"	1'-2"																								
S414	18	#5	7'-4"	17		6'-2"	1'-2"																								
S415	2	#5	4'-7"	2	0'-10"	3'-9"																									



AVE PLEASE VERIFY LAP VALUE

ALL BARS IN THIS DRAWING
ASTM A615 GRADE 60
BLACK UNCOATED

AVE PLEASE VERIFY COVER VALUE

TYPICAL REINFORCING BAR CLEARANCE TABLE

LOCATION	MIN. COVER
FOUNDATION WALL TOP	2" CLR
FOUNDATION WALL SIDE	2" CLR

AVE PLEASE VERIFY LAP VALUE

LAP SCHEDULE		
SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
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 E.F.=Each Face
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 S.D.W.L.=Slab Dowel
 E.W.=Each Way
 B/BOT.=Bottom
 T=Top
 MDWL.=Masonry Dowel
 B.B.=Bond Beam
 ALT.=Alternate
 Approx.=Approximate

OPNG=Opening
 BAL.=Balance
 BTW.=Between
 C.J.=Construction Joint
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 EMB.=Embedment
 SW.=Short Way
 LW.=Long Way
 (BL)=Black Bar
 (EP)=Epoxy Bar
 (GA)=Galvanized

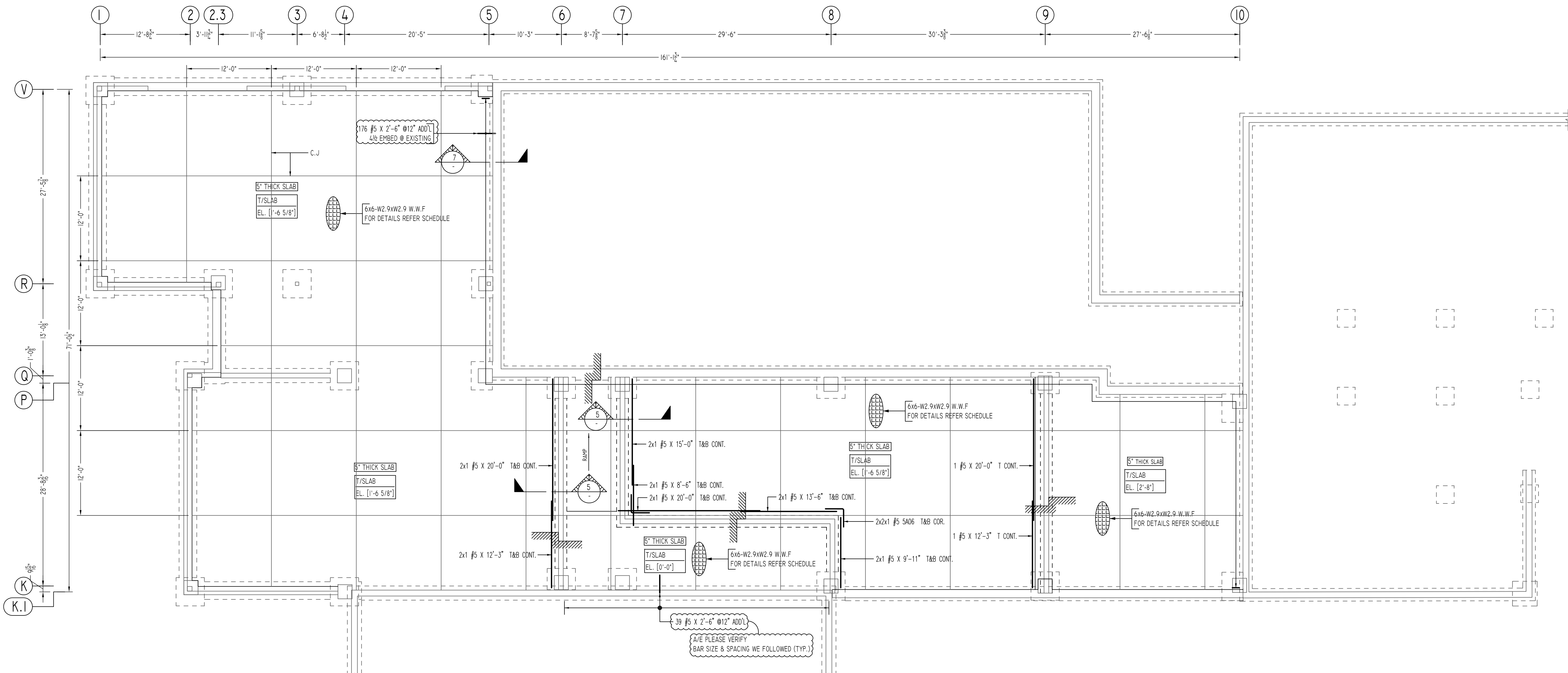
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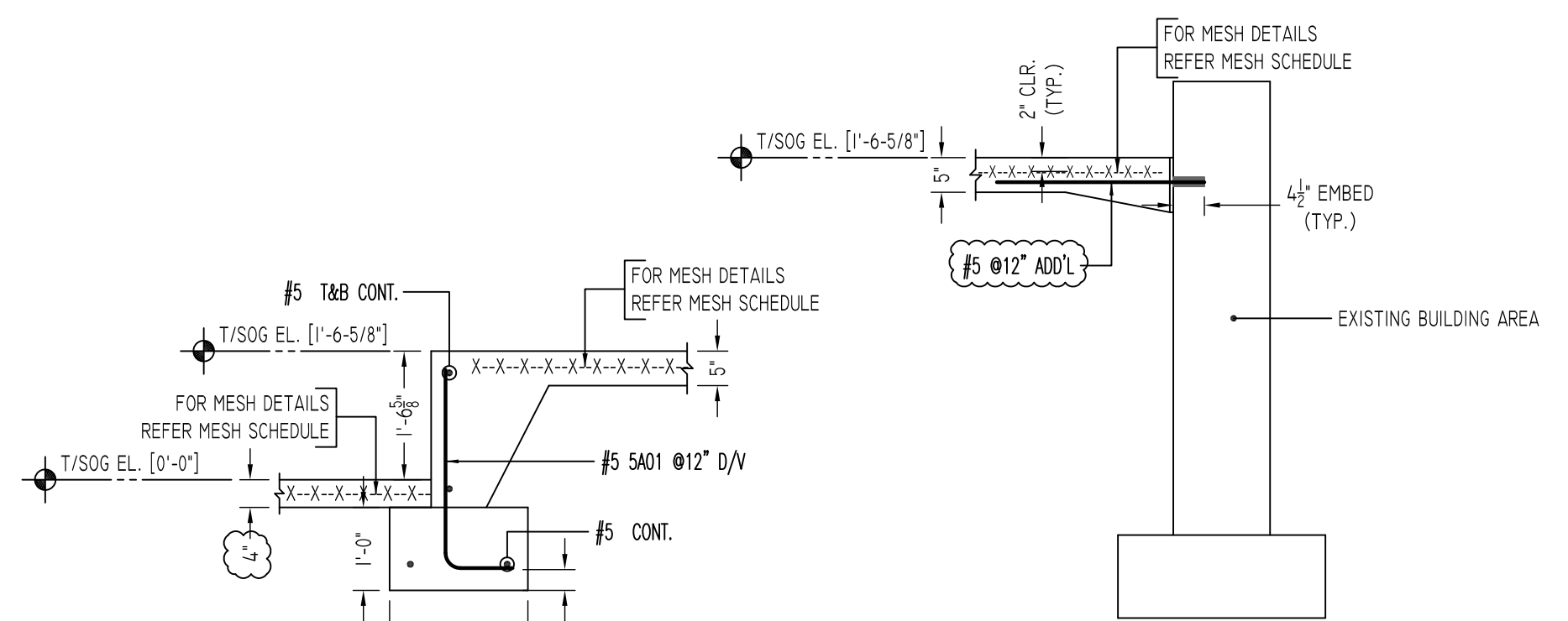
REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	08/09/22

PROJECT	LATIMER LANE SCHOOL RENOVATION		
LOCATION	33 MOUNTAIN VIEW DRIVE WEATOGUE, CT 06089		
ARCHITECT	TECTON ARCHITECTS		
ENGINEER	MICHAEL HORTON ASSOCIATES, INC.		
CUSTOMER	-		
DRAWN BY:	GOW/MRS	DATE:	08/09/22
REVIEWED BY:	T/L	DATE:	08/09/22
JOB NO.	22065		
DRAWING NO.:	AREA-A FOOTING & FOUNDATION WALL REINFORCEMENT DETAILS		



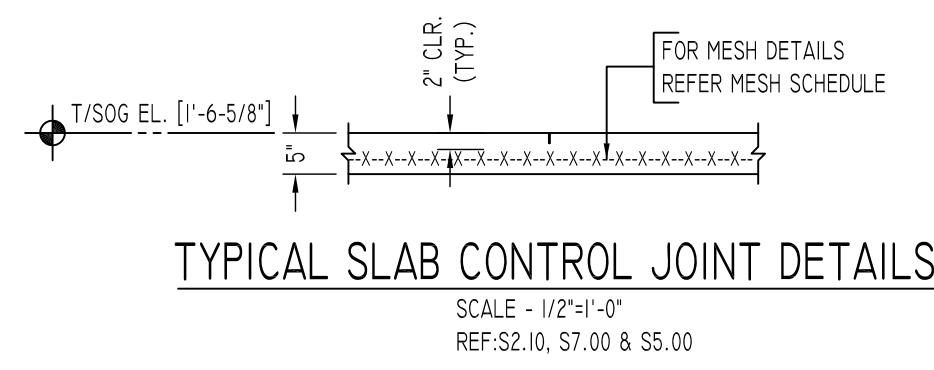
AREA-A SLAB ON GRADE REINFORCEMENT DETAILS
 SCALE: 1/8" = 1'-0"
 REF: S2.10, S4.00 & S5.00

A/E PLEASE VERIFY PROFILE & BAR ARRANGEMENT

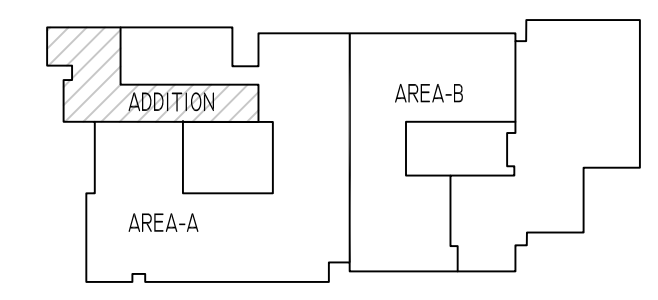


SECTION 5
 SCALE: 1/2" = 1'-0"
 REF: S2.10, S4.00 & S5.00

SECTION 7
 SCALE: 1/2" = 1'-0"
 REF: S2.10, S4.00 & S5.00



TYPICAL SLAB CONTROL JOINT DETAILS
 SCALE: 1/2" = 1'-0"
 REF: S2.10, S7.00 & S5.00

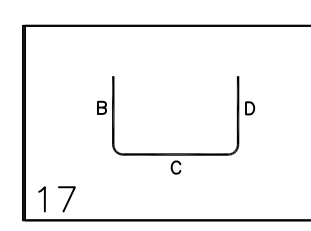


KEY PLAN
 SCALE: NTS

MESH DETAILS				
ELEMENT	MESH SIZE	SHEETS	AREA	REMARK
5" THK SLAB ON GRADE	6x6 - W2.9xW2.9 W.W.F.	175	64.20 SQ. FT.	5'-0" X 10'-0" SHEET SIZE (35% LAP ADDED)

ACCESSORIES DETAILS					
S. NO.	ELEMENT	DESCRIPTION	PCS	LFT	REMARK
1	5" THK SOG	3" HT SB @ 4'-0" C/C	-	1680	FOR MESH SUPPORT (@ BOTTOM)

BONDING DETAILS									
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	V	W
506	4	#5	5'-2 1/2"	17	X	Y	Z	V	W



17

A/E PLEASE VERIFY LAP VALUE

LAP SCHEDULE		
SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

ALL BARS IN THIS DRAWING
 ASTM A615 GRADE 60
 BLACK UNCOATED

TYPICAL REINFORCING BAR CLEARANCE TABLE	
LOCATION	MIN. COVER
SLAB TOP	2" CLR
SLAB EDGE & BOTTOM	3" CLR

A/E PLEASE VERIFY COVER VALUE

REVISION MARK	REVISION DETAILS	DATE
0	FOR APPROVAL	08/09/22

PROJECT	LATIMER LANE SCHOOL RENOVATION		
LOCATION	33 MOUNTAIN VIEW DRIVE WEATOGUE, CT 06089		
ARCHITECT	TECTON ARCHITECTS		
ENGINEER	MICHAEL HORTON ASSOCIATES, INC.		
CUSTOMER	-		
DRAWN BY:	DATE:	REVIEWED BY:	JOB NO.
GOW/MRS	08/09/22	T/L	22065
DRAWING TITLE:			DRAWING NO.:
AREA-A SLAB ON GRADE REINFORCEMENT DETAILS			R04

Abbreviations:
 I.F.=Inside Face
 O.F.=Outside Face
 E.F.=Each Face
 DWL=Dowel
 V=Vertical
 H=Horizontal
 C.B.=Corner Bar
 S.DWL=Slab Dowel
 E.W.=Each Way
 B/BOT=Bottom
 T=Top
 MDWL=Masonry Dowel
 B.B.=Bond Beam
 ALT.=Alternate
 Approx.=Approximate

OPNG=Opening
BAL.=Balance
BTW.=Between
CJ.=Construction Joint
CLR.=CLEARANCE
CMU.=Concrete Masonry Unit
CONT.=Continuous
EA.=Each
Elev.=Elevation
EMB.=Embedment
SW = Short Way
LW=Long Way
(BL)=Black Bar
(EP)=Epoxy Bar
(GA)=Galvanized

NOTICE

Shortages, improper fabrication or claims for any other reason must be reported to this company within a period of 15 days of delivery. This company reserves the right to field inspect prior to replacement or reconditioning of nonconforming material, and will not honor charges for work done in the field without specific authorization from this company.

REINFORCING STEEL PLACING DRAWINGS ONLY USE IN CONJUNCTION WITH CONTRACT DRAWINGS & SPECIFICATIONS. ELEVATIONS & DIMENSIONS SHOWN ON THIS DRAWING ARE FOR DETAILING PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION UNLESS VERIFIED BY ENGINEER OR CONTRACTOR.