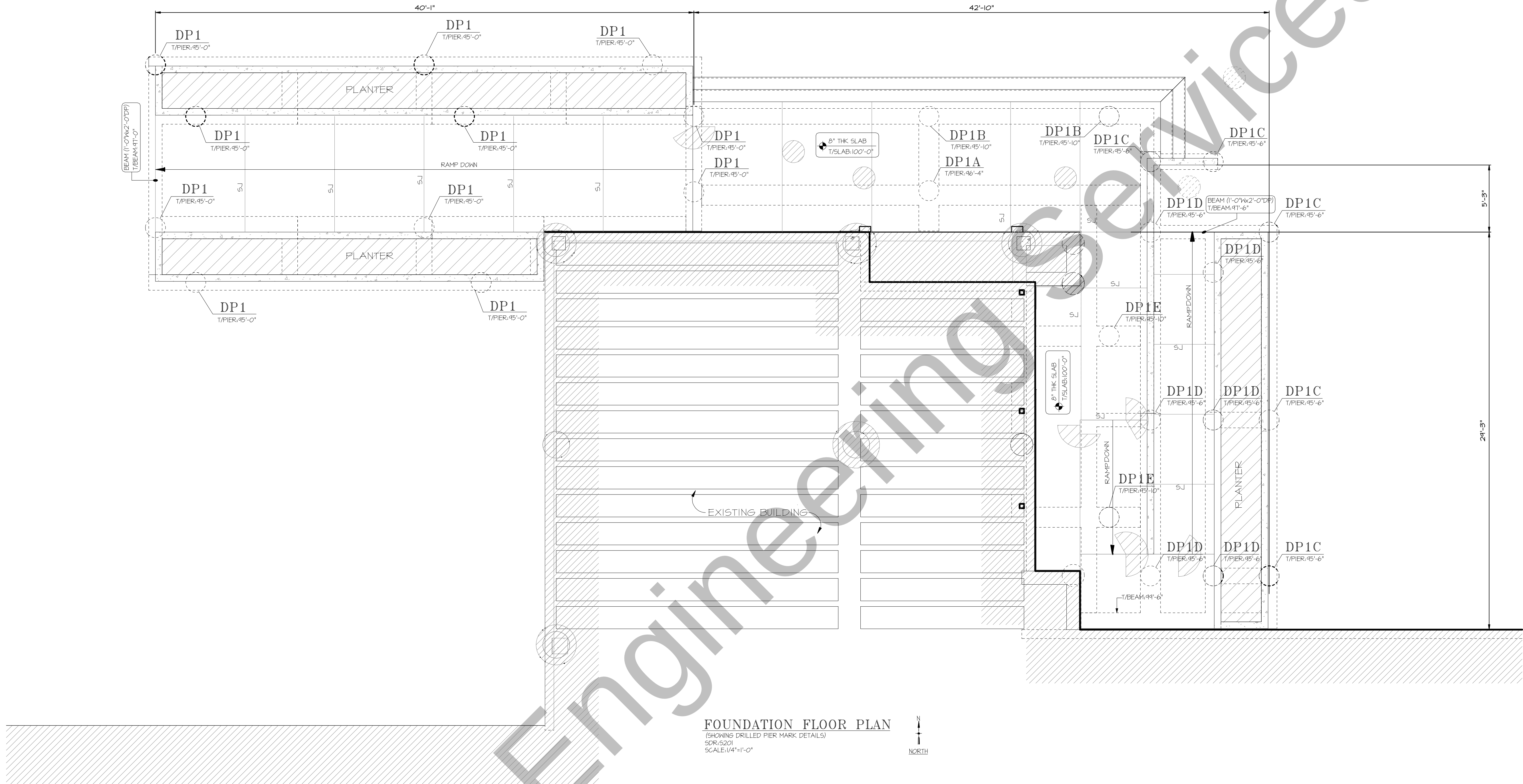
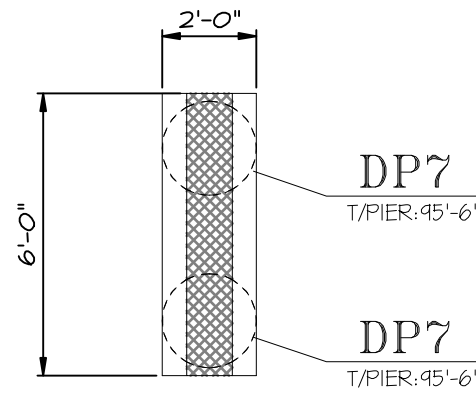
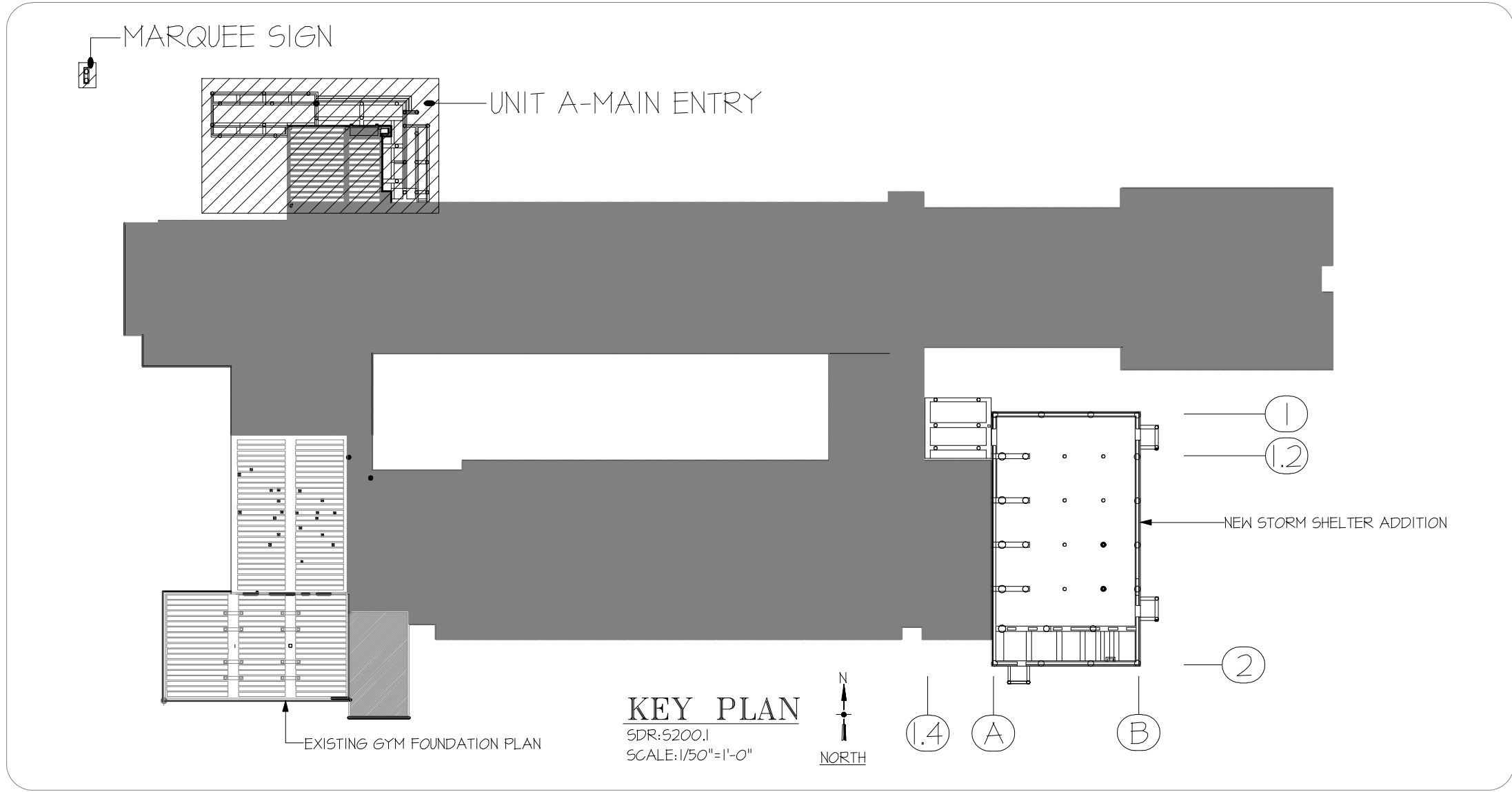




FOUNDATION FLOOR PLAN
(SHOWING DRILLED PIER MARK DETAILS)
SDR:S201
SCALE:1/4"=1'-0"



KEY PLAN
SDR:S201
SCALE:1/50"=1'-0"

ASTM A615 - GR 60 - BLK

NOTICE TO CONTRACTORS

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3) SHORTAGES, IMPROPER FABRICATION OR ANY OTHER CLAIMS MUST BE REPORTED TO READY CABLE WITHIN 7 DAYS OF DELIVERY. READY CABLE RESERVES THE RIGHT TO FIELD INSPECT, PRIOR TO REPLACEMENT OR RECONDITIONING OF NONFORMING RE-STEEL, AND WILL NOT ACCEPT CHARGES FOR WORK DONE IN THE FIELD WITHOUT SPECIFIC AUTHORIZATION FROM READY CABLE.

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S201
FOR SECTIONS SEE STRUCTURAL DRAWING: S301 TO S303

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWINGS DATED: 10-12-2020

ABBREVIATION

T/PIER	TOP OF PIER
SIM.	SIMILAR
BS	BEARING STRATUM
SHT	SHEET
SOG	SLAB ON GRADE
LOCS.	LOCATION
B/PIER	BOTTOM OF PIER
DWG	DRAWING
TYP	TYPICAL
DIA.	DIAMETER

FOR DRILLED PIERS

BAR SIZE	TOP	OTHERS
#3	22"	17"
#4	24"	22"
#5	36"	28"
#6	43"	33"



DRILLED PIER-DP1
(SHOWING DRILLED PIER REINF. DETAILS)
SDR: S201 & 3/5301
(II LOCs)
SCALE: 1/2" = 1'-0"



DRILLED PIER-DP1A
(SHOWING DRILLED PIER REINF. DETAILS)
SCALE: 1/2"=1'-0"



DRILLED PIER-DP1B
(SHOWING DRILLED PIER REINF. DETAILS)
(2 LOCS)
SCALE: 1/2"=1'-0"



DRILLED PIER-DP1C
(SHOWING DRILLED PIER REINF. DETAILS)
(5 LOCS)
SCALE: 1/2"=1'-0"

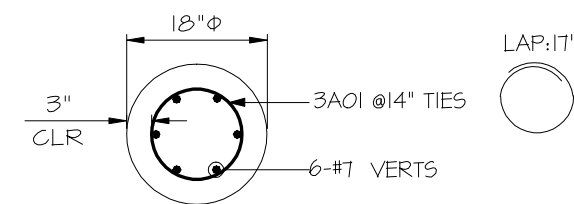
3.) SHORTAGES, IMPROPER FABRICATION OR ANY OTHER CLAIMS MUST BE REPORTED TO READY CABLE WITHIN 7 DAYS OF DELIVERY. READY CABLE RESERVES THE RIGHT TO FIELD INSPECT, PRIOR TO REPLACEMENT OR RECONDITIONING OF NONFORMING RE-STEEL, AND WILL NOT ACCEPT CHARGES FOR WORK DONE IN THE FIELD WITHOUT SPECIFIC AUTHORIZATION FROM READY CABLE.

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWINGS DATED: 10-12-2020

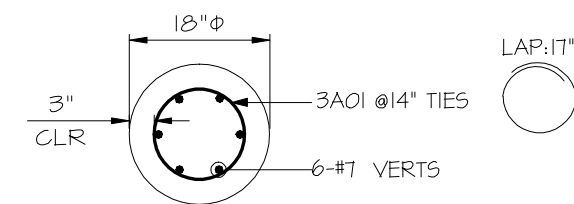
10	15	20
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ABBREVIATION	
CONC.	CONCRETE
DWLS	DOWELS
THK	THICKNESS
DP	DEPTH
VERTS	VERTICALS
T/PIER	TOP OF PIER
SIM.	SIMILAR
BS	BEARING STRUTUM
SHT	SHEET
SOG	SLAB ON GRADE
LOCS.	LOCATION
B/PIER	BOTTOM OF PIER
DWG	DRAWING
TYP	TYPICAL
DIA.	DIAMETER

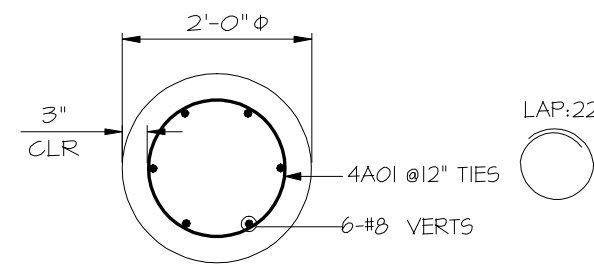
ASTM A615 - GR 60 - BLK



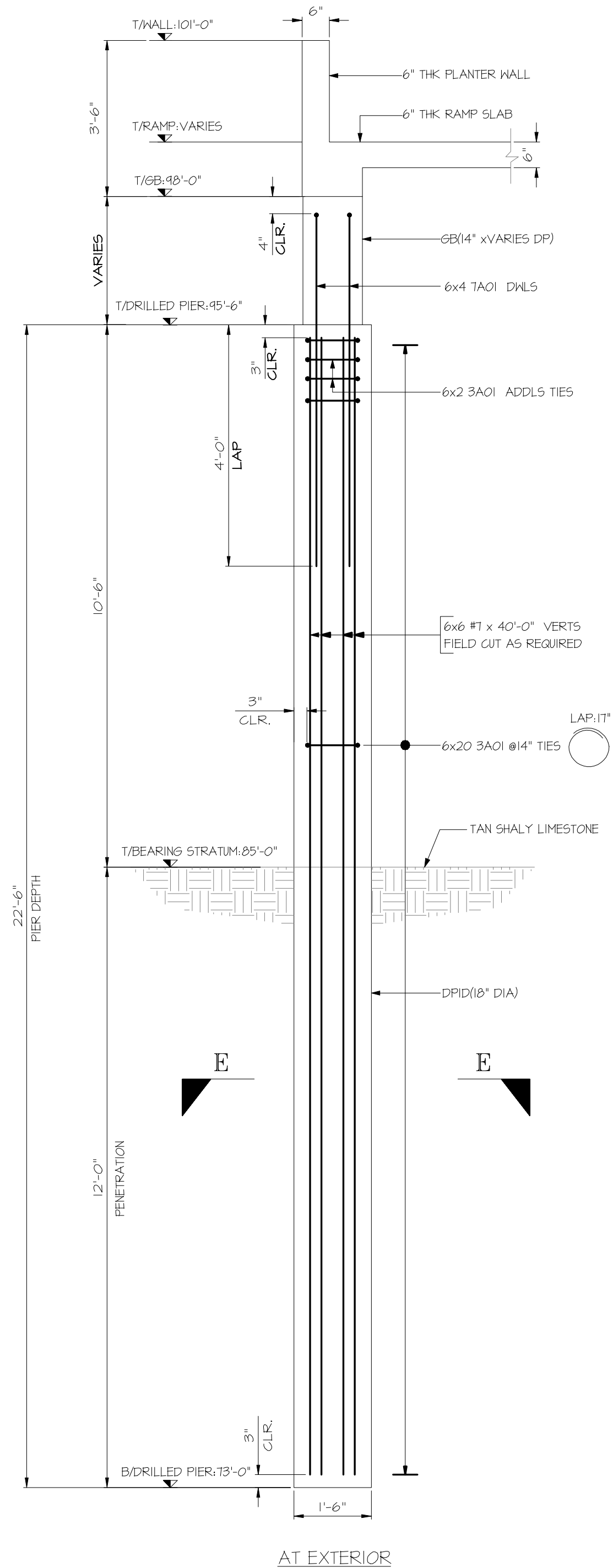
SECTION E-E
SIZE:18" DIA
SDR:3/5301



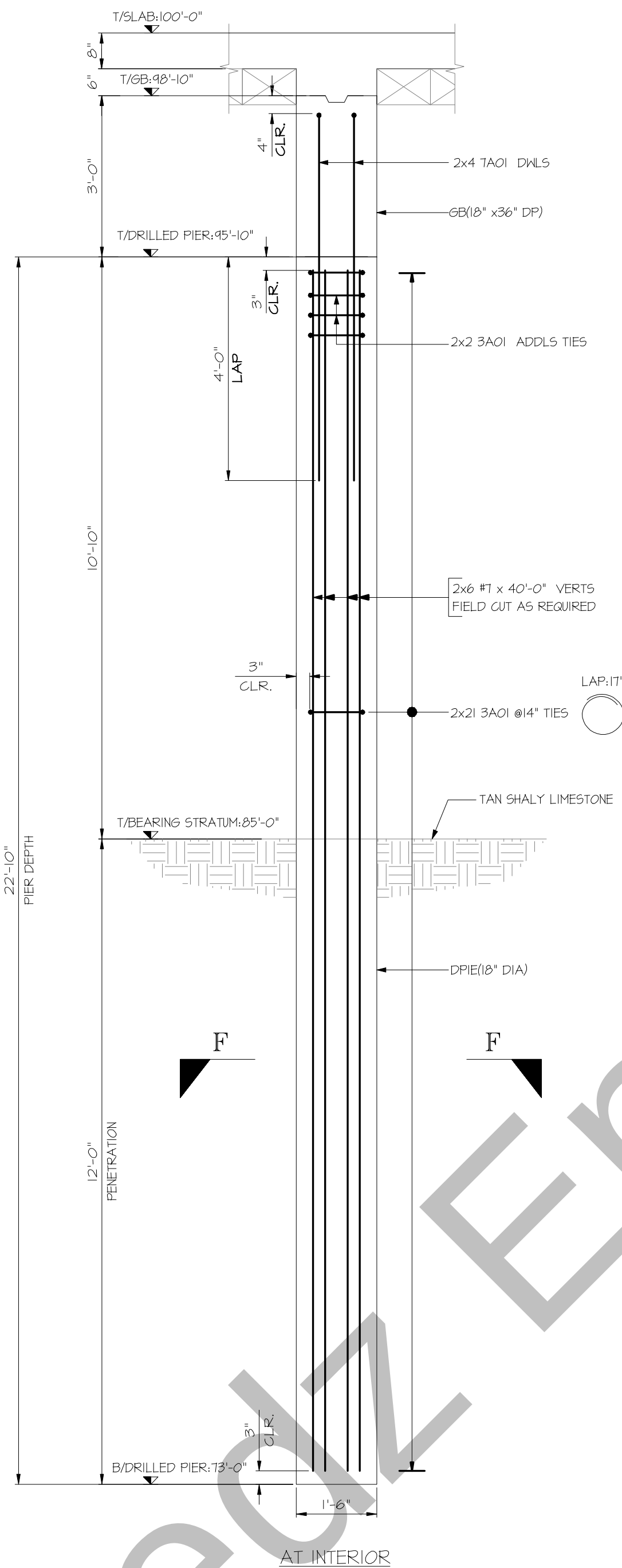
SECTION F-F
SIZE:18" DIA
SDR:3/5301



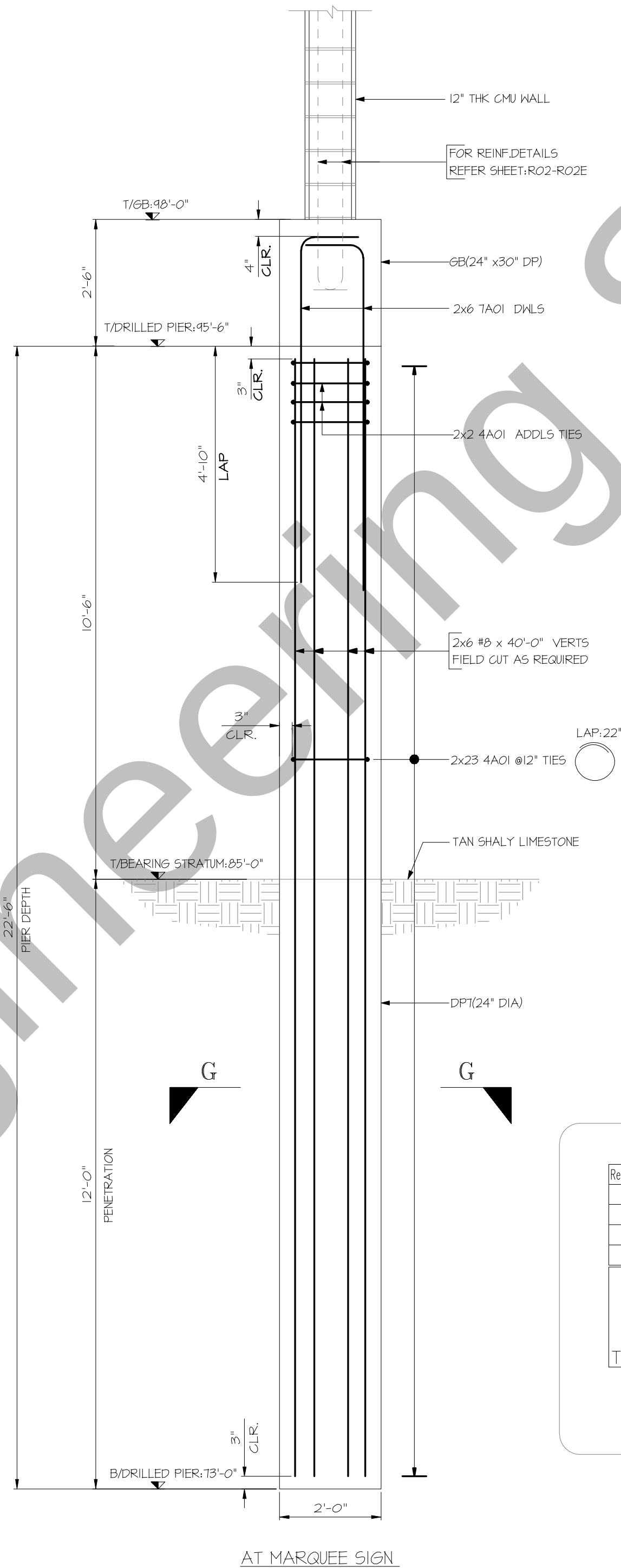
SECTION G-G
SIZE:24" DIA
SDR:3/5301



DRILLED PIER-DP1D
(SHOWING DRILLED PIER REINF. DETAILS)
(6 LOC'S)
SCALE:1/2\"/>

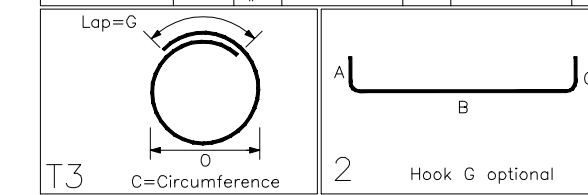


DRILLED PIER-DP1E
(SHOWING DRILLED PIER REINF. DETAILS)
(2 LOC'S)
SCALE:1/2\"/>



DRILLED PIER-DP7
(SHOWING DRILLED PIER REINF. DETAILS)
(2 LOC'S)
SCALE:1/2\"/>

Release Number: DRILLED PIERS					BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'
3A01	599	#3	4'-7"	13			3'-2"				1'-5"						1'-0"
4A01	50	#4	6'-7"	13			4'-9"				1'-10"						1'-6"
7A01	120	#7	8'-0"	2	1'-2"	6'-10"											



ABBREVIATION

CONC.	CONCRETE
DWLS	DOWELS
THK	THICKNESS
DP	DEPTH
VERTS	VERTICALS
T/PIER	TOP OF PIER
SIM.	SIMILAR
BS	BEARING STRUTUM
SHT	SHEET
SOG	SLAB ON GRADE
LOCS.	LOCATION
B/PIER	BOTTOM OF PIER
DWG	DRAWING
TYP	TYPICAL
DIA.	DIAMETER

FOR DRILLED PIERS

LAP TABLE (CLASS-A) 3000 PSI AGI LAP		
BAR SIZE	TOP	OTHERS
#3	22"	17"
#4	24"	22"
#5	36"	28"
#6	43"	33"

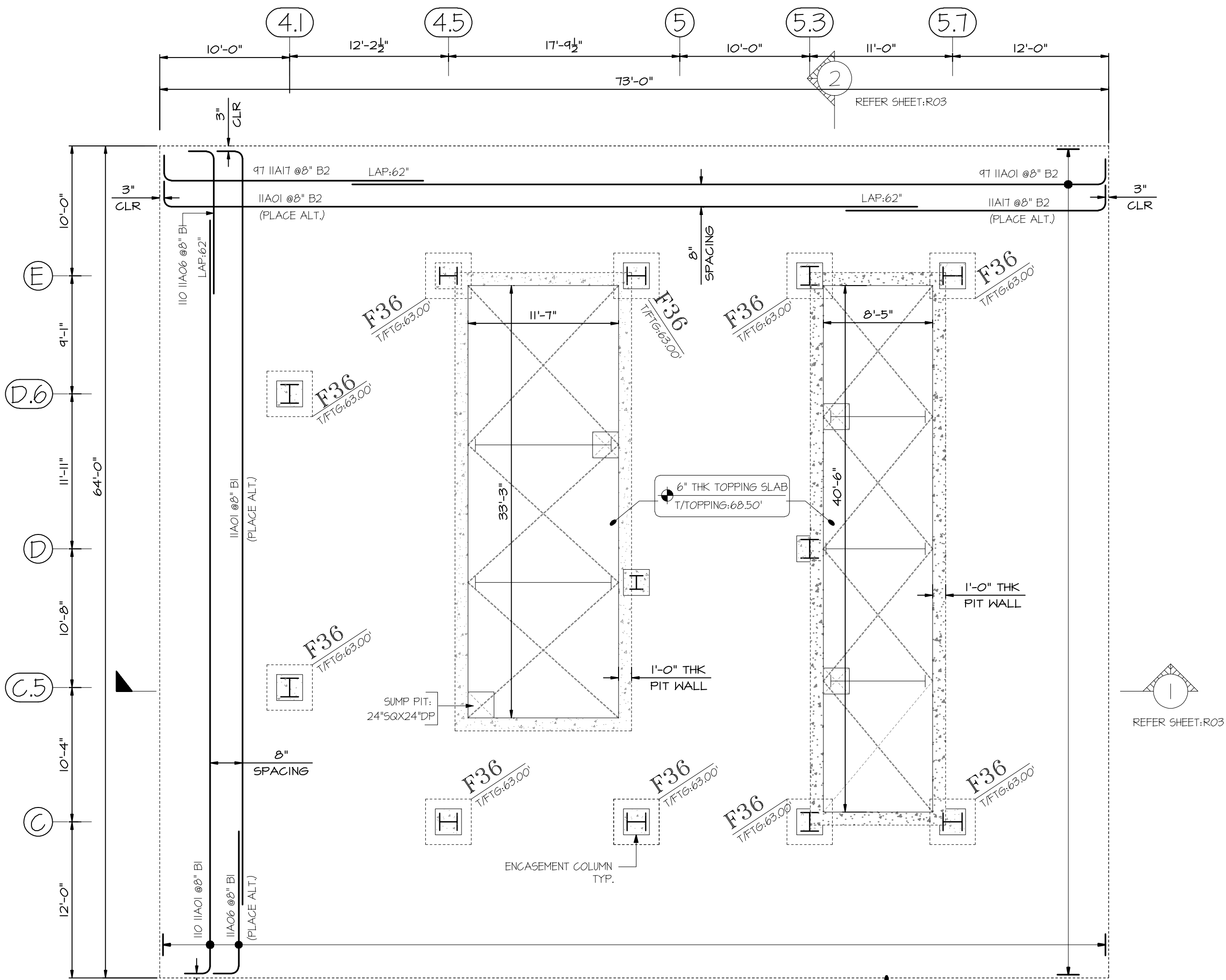
NOTICE TO CONTRACTORS

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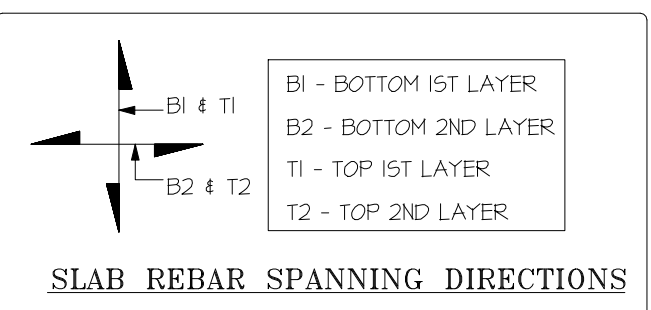
USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S201
FOR SECTIONS SEE STRUCTURAL DRAWING: S301 TO S303

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWINGS DATED: 10-12-2020

ASTM A615 - GR 60 - BLK



FOR 12" DEPTH MAT
240 6A01 #40" STANDEES EH
FOR 60" DEPTH MAT @ ELEVATOR PIT
45 6A02 #40" STANDEES EH



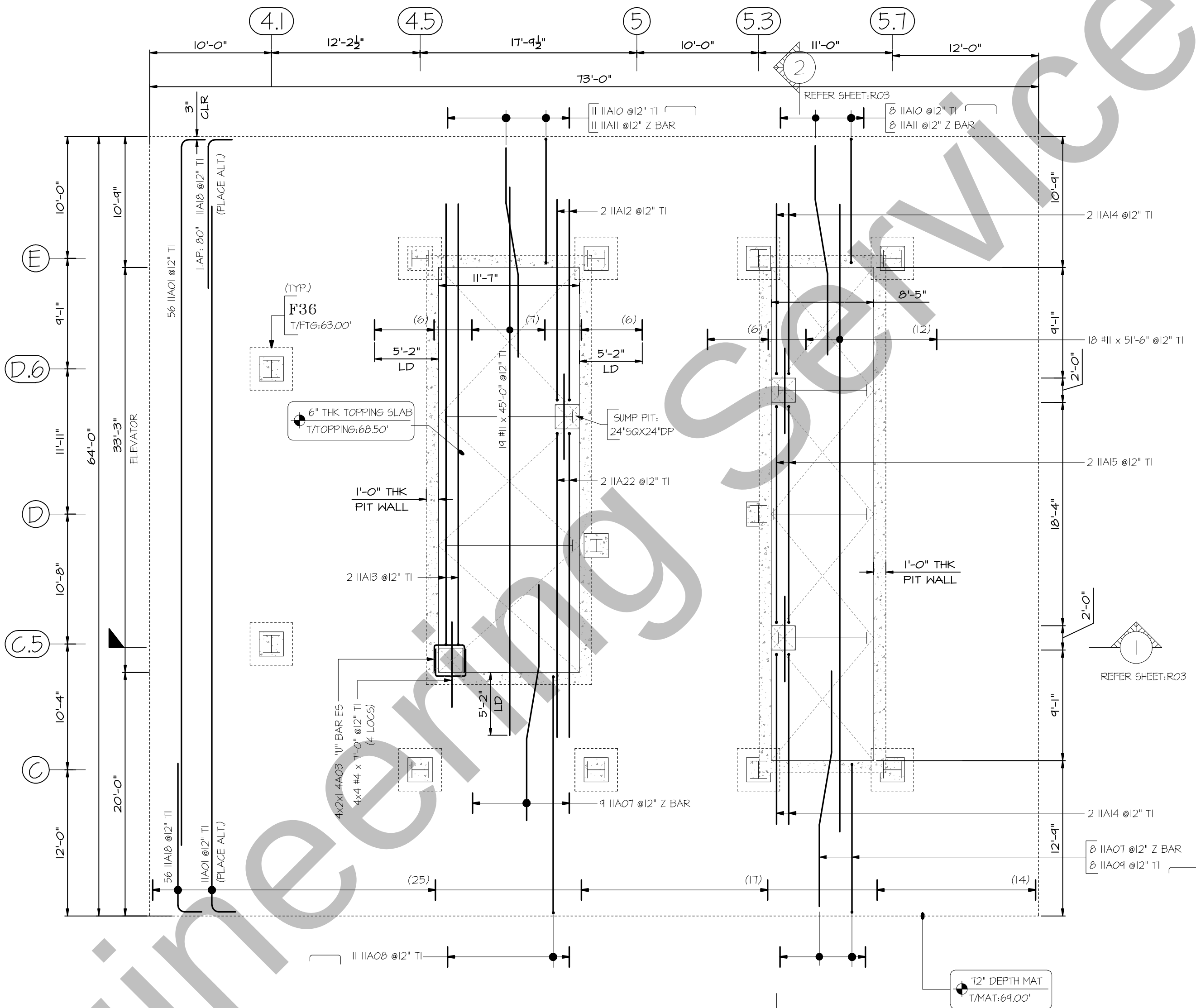
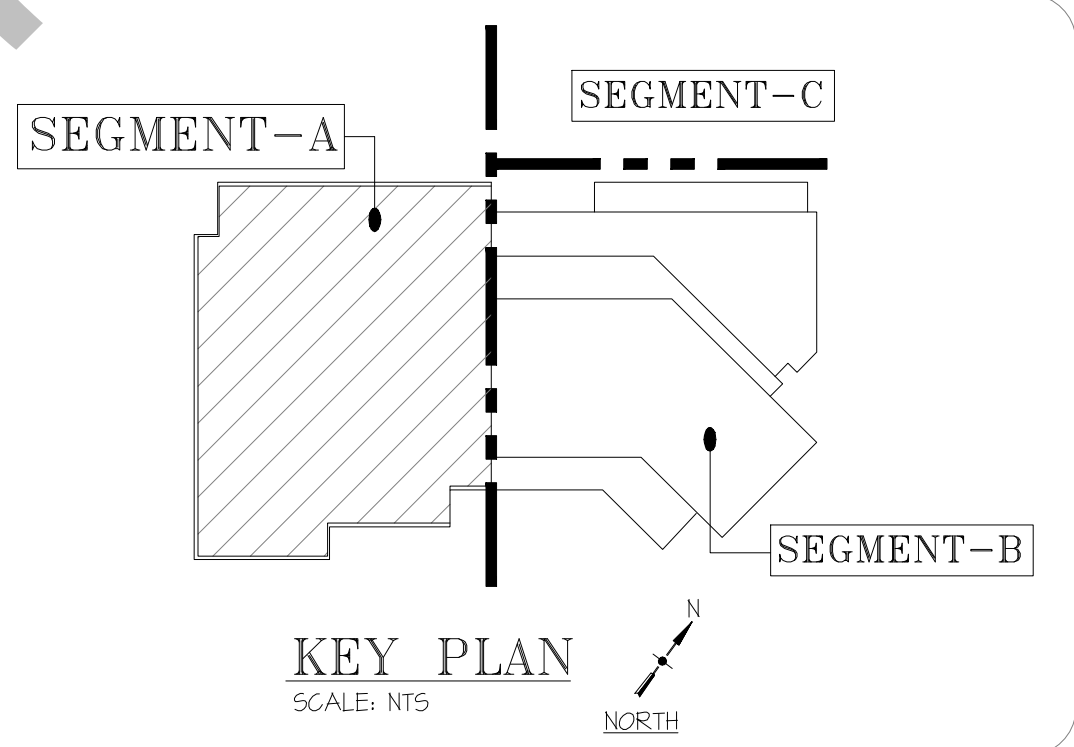
(SHOWING MAT BOTTOM EACH WAY REINF.DETAILS)

SEGMENT-A ELEVATOR MAT

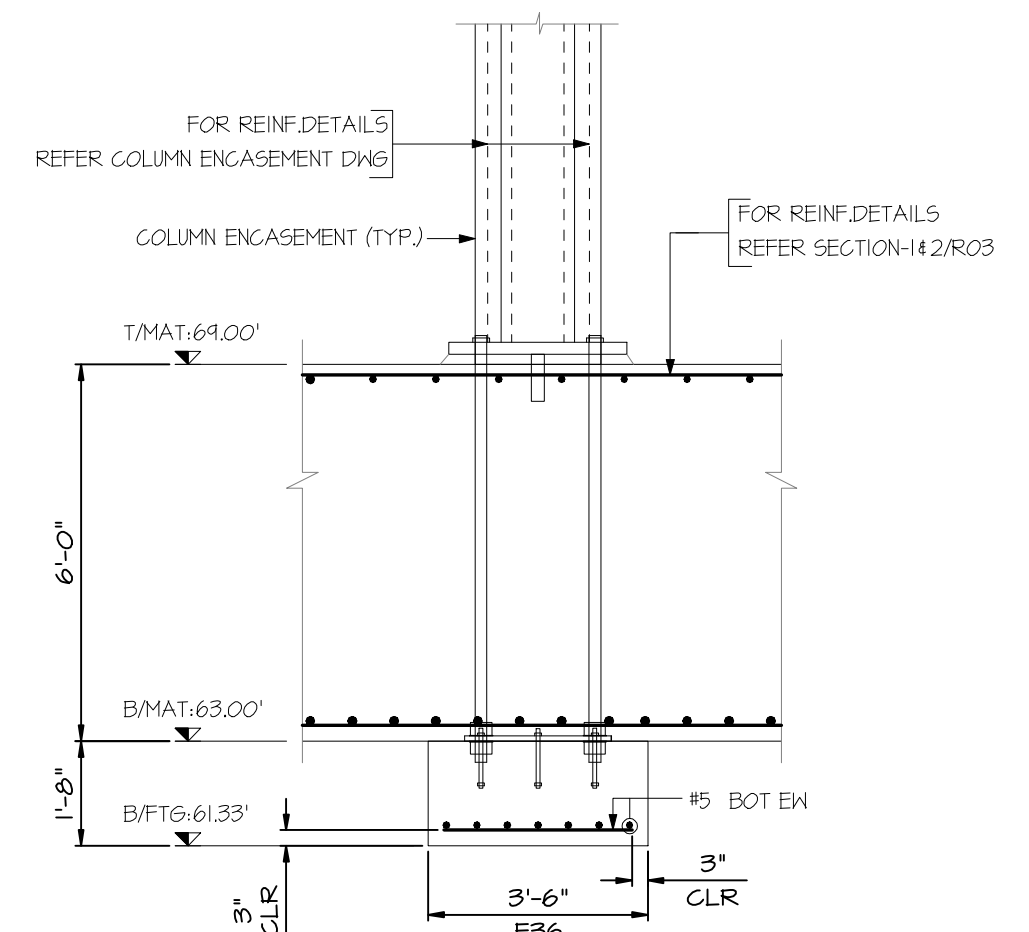
SDR:5-100A & 5120
SCALE:1/12"=1'-0"

NOTE:

FOR SEGMENT-B ELEVATOR MAT REINFORCEMENT DETAILS REFER SHEET:R04-R06



(SHOWING MAT TI LAYER REINF.DETAILS)

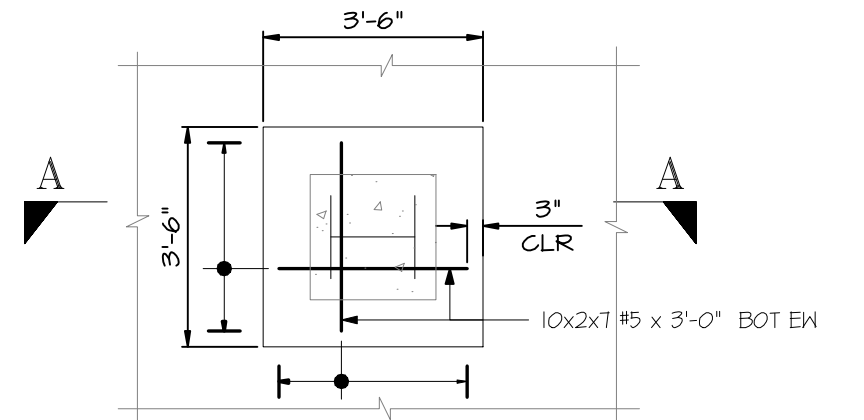


FOOTING-F36

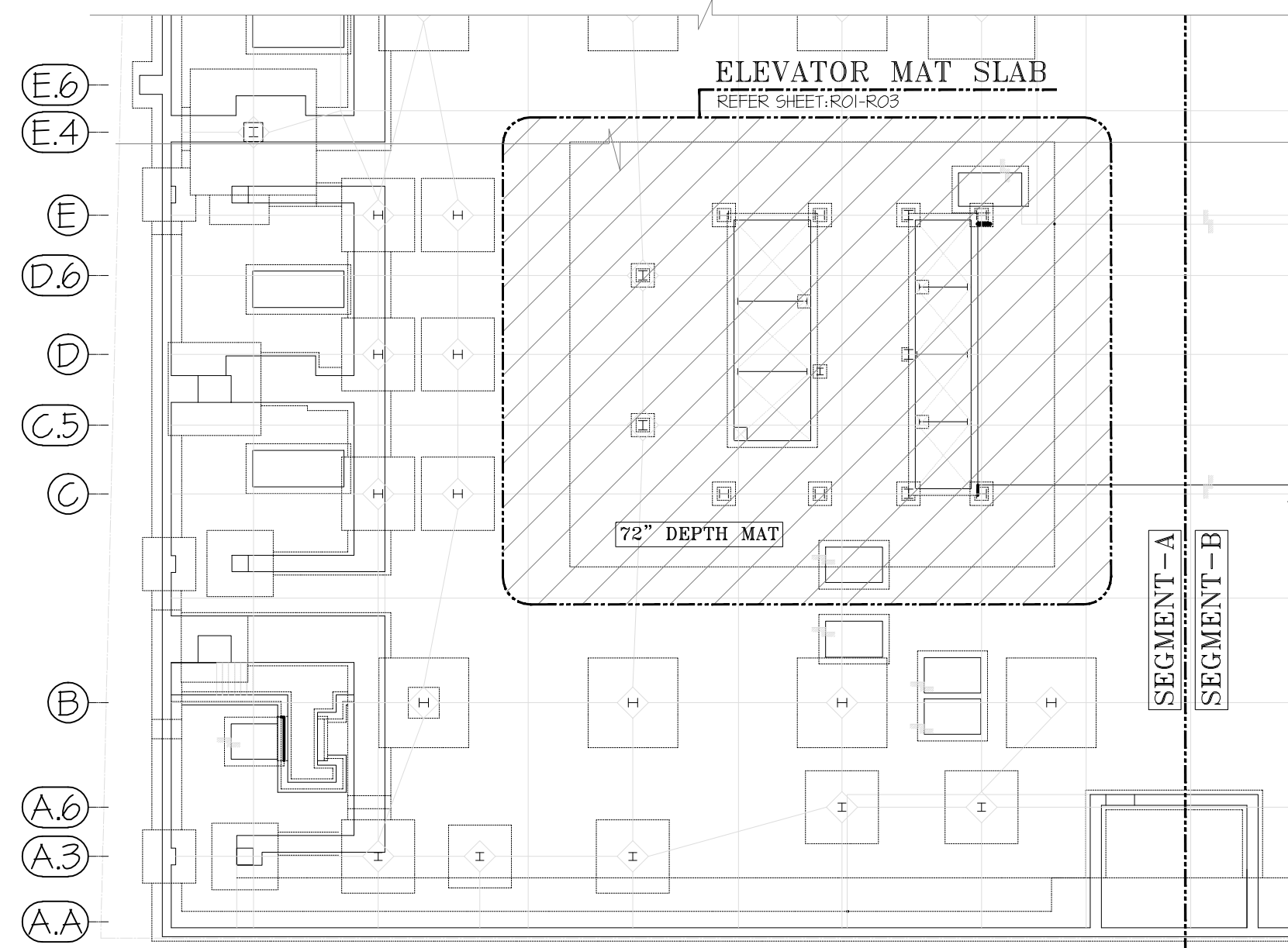
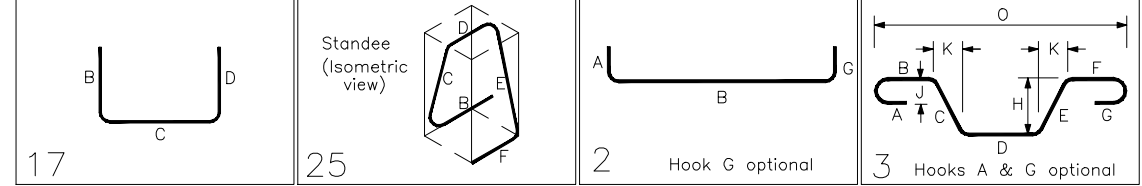
(SDR: 5100A & 5002)

(SCALE:1/3"=1'-0")

(10 LOGS)



Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'
4A03	8	#4	7'-0"	17		2'-3"	2'-6"	2'-3"									
6A01	248	#6	15'-0"	25		1'-6"	5'-3"	1'-6"	5'-3"	1'-6"		5'-1"		2'-6 1/2"			
6A02	45	#6	12'-11"	25		1'-6"	4'-2 1/2"	1'-6"	4'-2 1/2"	1'-6"		4'-1"		2'-0 1/2"			
11A01	263	#11	60'-0"	2	2'-0"	58'-0"											
11A06	110	#11	13'-0"	2	2'-0"	11'-0"											
11A07	17	#11	19'-5 1/2"	3		6'-8"	6'-1 1/2"	6'-8"				1'-1 1/2"		6'-0"	19'-4"		
11A08	11	#11	24'-6"	17		3'-0"	19'-6"	2'-0"									
11A09	8	#11	17'-3"	17		3'-0"	12'-3"	2'-0"									
11A10	19	#11	15'-3"	17		3'-0"	10'-3"	2'-0"									
11A11	19	#11	17'-3 1/2"	3		4'-6"	6'-1 1/2"	6'-8"				1'-1 1/2"		6'-0"	17'-2"		
11A12	2	#11	20'-6"	17		4'-0"	16'-6"										
11A13	2	#11	40'-3"	17		4'-0"	36'-3"										
11A14	4	#11	18'-0"	17		4'-0"	14'-0"										
11A15	2	#11	25'-10"	17		4'-0"	17'-10"	4'-0"									
11A17	97	#11	22'-0"	2	2'-0"	20'-0"											
11A18	56	#11	14'-3"	2	2'-0"	12'-3"											
11A22	2	#11	28'-6"	17		3'-6"	25'-0"										



ABBREVIATION

ABBREVIATION	DESCRIPTION
BOT	BOTTOM
FTG	FOOTING
COR	CORNER
VERTS	VERTICALS
CE	COLUMN ENCASUREMENT
T/MAT	TOP OF MAT
ES	EACH SIDE
HOR	HORIZONTAL
EF	EACH FACE
DWLS	DOWELS
CONC.	CONCRETE
IF	INNER FACE
OF	OUTER FACE
ELEV.	ELEVATOR

FOR MAT SLAB

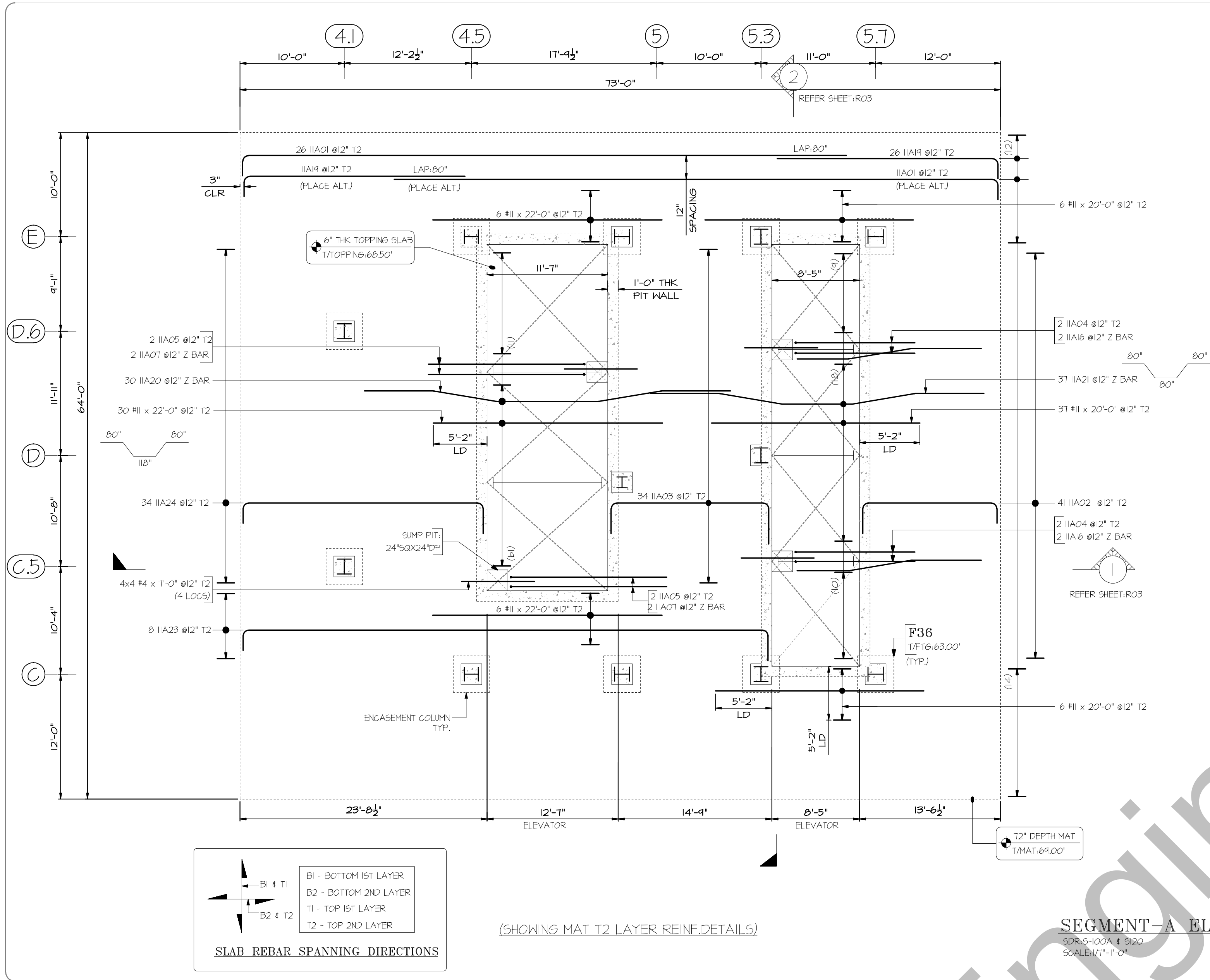
LAP TABLE 8000 PSI CLASS-B (CATEGORY-1) REFER SHEET:S300

BAR SIZE	TOP	BOT
#4	23"	18"
#5	29"	22"
#6	34"	26"
#7	50"	38"
#8	57"	44"
#9	64"	49"
#10	72"	56"
#11	80"	62"

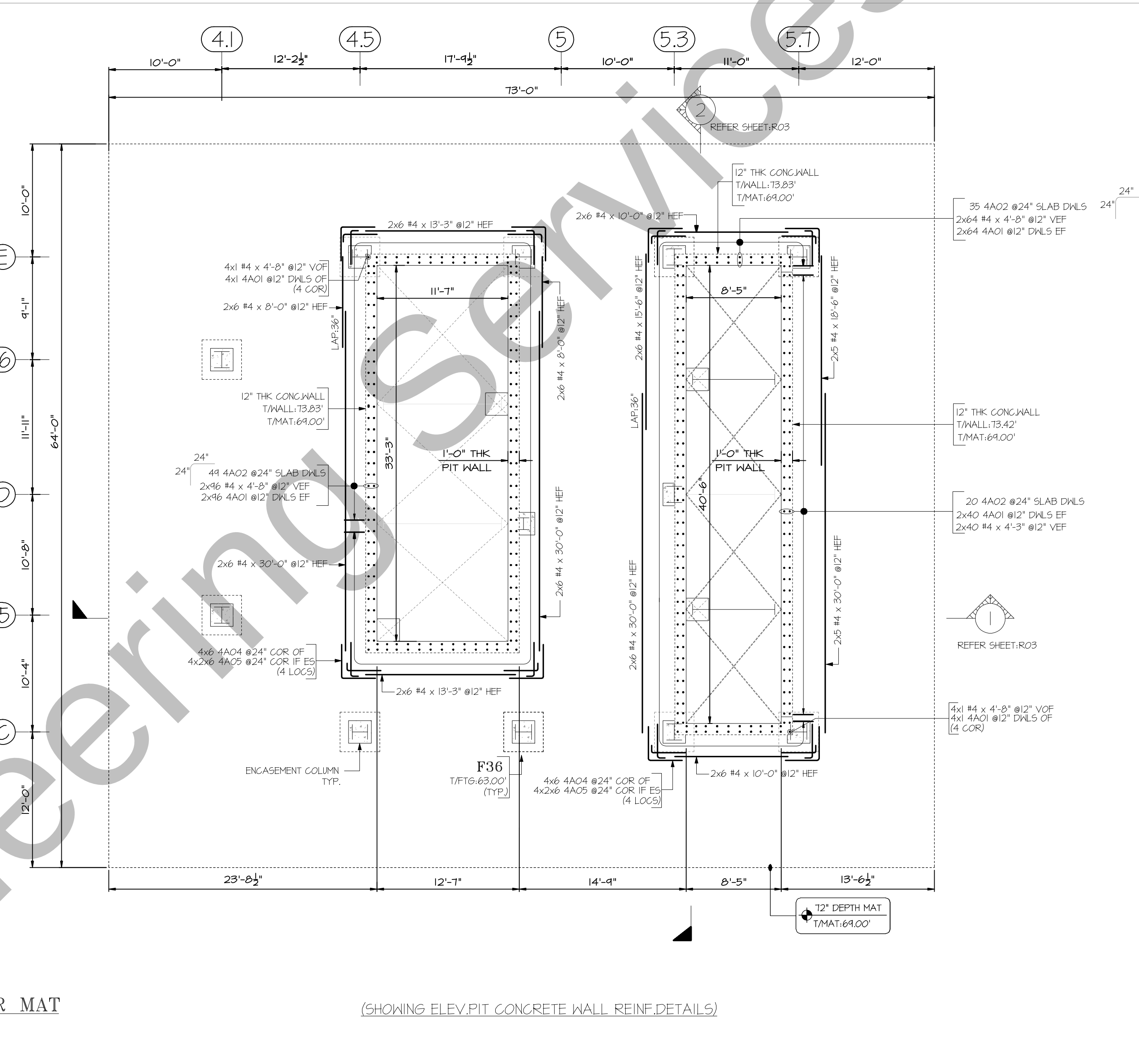
CONC. COVER:	THICKNESS
CAST AGAINST EARTH	3"
EXPOSED TO EARTH OR WEATHER #5 OR SMALLER	1 1/2"
EXPOSED TO EARTH OR WEATHER #6 OR LARGER	2"

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S100A
FOR SECTIONS SEE STRUCTURAL DRAWINGS: S200 THRU S203

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:2021-12-01 (BULLETIN #4)

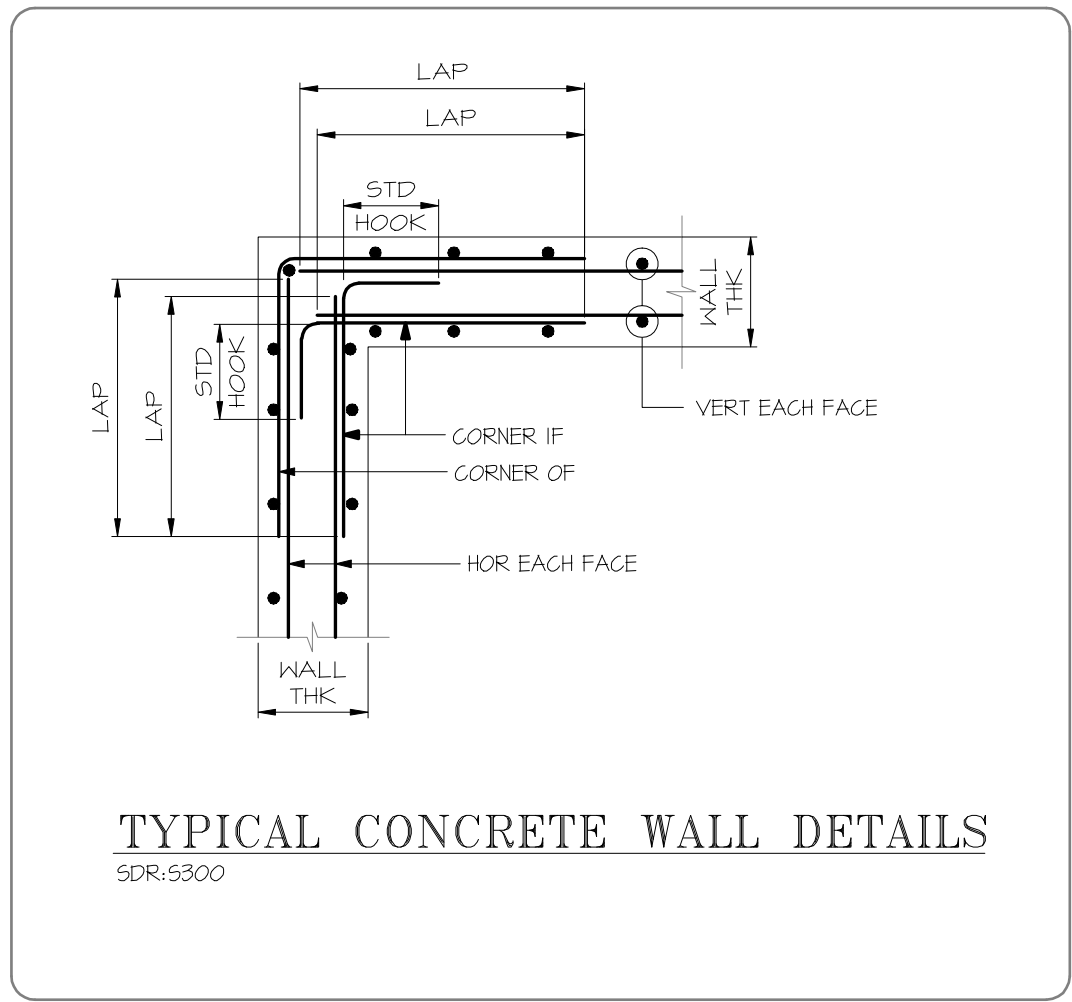
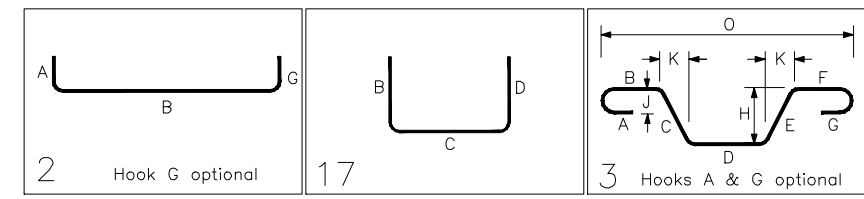


SEGMENT-A ELEVATOR MAT
SDRS-100A & B20
SCALE 1/4"=1'-0"



SEGMENT-B ELEVATOR MAT
SDRS-100A & B20
SCALE 1/4"=1'-0"

Release Number: SEGMENT-A MAT (T2 LAYER & PIT WALL)										BAR LIST									
Bar Mark	Qty	Size	Total Length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'	M'	N'	O'
4A01	408	#4	8'-6"	2	0'-8"	7'-10"													
4A02	104	#4	4'-0"	17		2'-0"													
4A04	48	#4	6'-0"	17		3'-0"													
4A05	96	#4	3'-8"	2	0'-8"	3'-0"													
11A01	26	#11	60'-0"	2	2'-0"	58'-0"													
11A02	41	#11	18'-0"	17		3'-0"	13'-0"	2'-0"											
11A03	34	#11	22'-3"	17		3'-0"	15'-3"	4'-0"											
11A04	4	#11	15'-0"	17		3'-6"	11'-6"												
11A05	4	#11	19'-0"	17		4'-0"	15'-0"												
11A07	4	#11	19'-5 1/4"	3		6'-8"	6'-1 1/4"	6'-8"				1'-1 1/4"		6'-0"	19'-4"				
11A16	4	#11	17'-9 1/4"	3		6'-8"	6'-1 1/4"	5'-0"				1'-1 1/4"		6'-0"	17'-8"				
11A19	26	#11	23'-3"	2	2'-0"	21'-3"													
11A20	30	#11	35'-4"	3		6'-8"	6'-1"	9'-10"	6'-1"	6'-8"		1'-1 1/4"		5'-11 1/4"	35'-1 1/4"				
11A21	37	#11	32'-2"	3		6'-8"	6'-1"	6'-8"	6'-1"	6'-8"		1'-1 1/4"		5'-11 1/4"	31'-11 1/4"				
11A23	8	#11	55'-6"	17		2'-0"	50'-6"	3'-0"											
11A24	34	#11	28'-2"	17		2'-0"	23'-2"	3'-0"											



NOTE:
FOR SEGMENT-B ELEVATOR MAT REINFORCEMENT DETAILS REFER SHEET:R04-R08

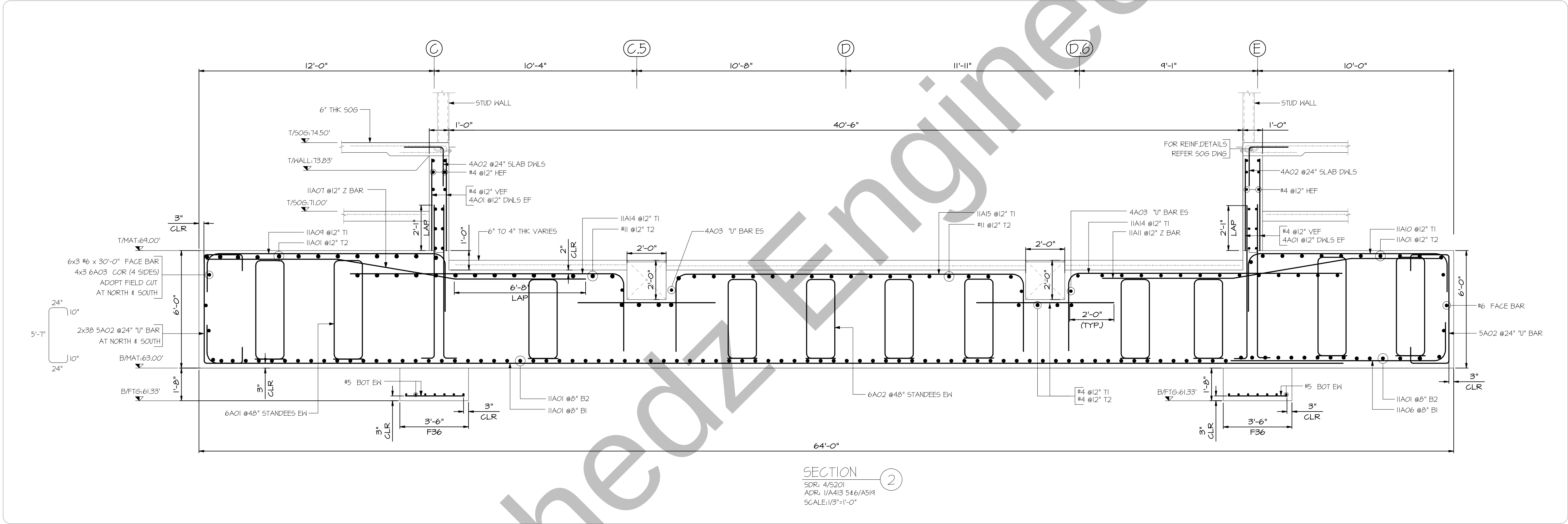
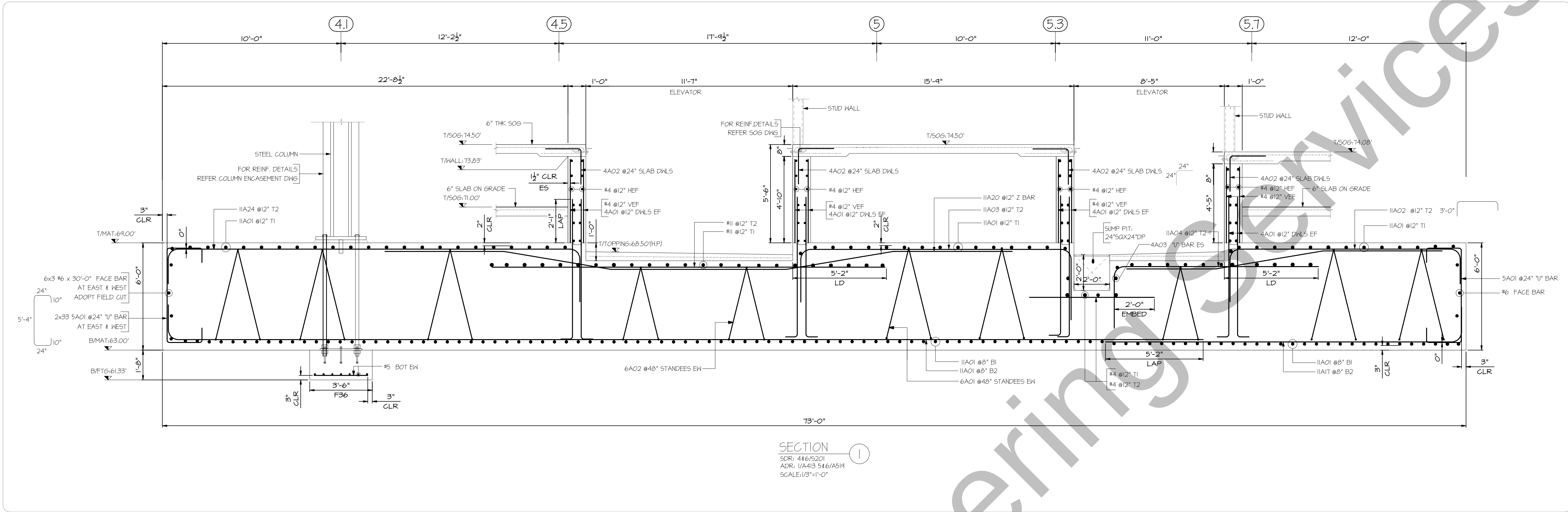
ABBREVIATION

FOR MAT SLAB		LAP TABLE 8000 PSI CLASS-B (CATEGORY-1) REFER SHEET:S300		
BAR SIZE	TOP	BOT		
#4	23"	18"		
#5	29"	22"		
#6	34"	26"		
#7	50"	38"		
#8	57"	44"		
#9	64"	49"		
#10	72"	56"		
#11	80"	62"		

CONC. COVER:	
CAST AGAINST EARTH	3"
EXPOSED TO EARTH OR WEATHER #5 OR SMALLER	1 1/2"
EXPOSED TO EARTH OR WEATHER #6 OR LARGER	2"

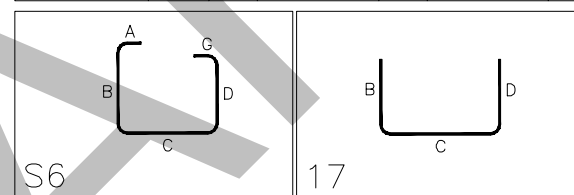
USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S100A
FOR SECTIONS SEE STRUCTURAL DRAWINGS: S200 THRU S203

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:2021-12-01 (BULLETIN #4)



NOTE:
FOR SEGMENT-B ELEVATOR MAT REINFORCEMENT DETAILS REFER SHEET:R04-R06

Release Number: SEGMENT-A MAT SLAB/WALL				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	A	B	C	D	E	F	G	H	I	J	K
5A01	66	#5	11'-0"	S6	0'-10"	2'-0"	5'-4"	2'-0"							
5A02	76	#5	11'-3"	S6	0'-10"	2'-0"	5'-7"	2'-0"							
6A03	12	#6	5'-0"	17		2'-6"	2'-6"								



ABBREVIATION

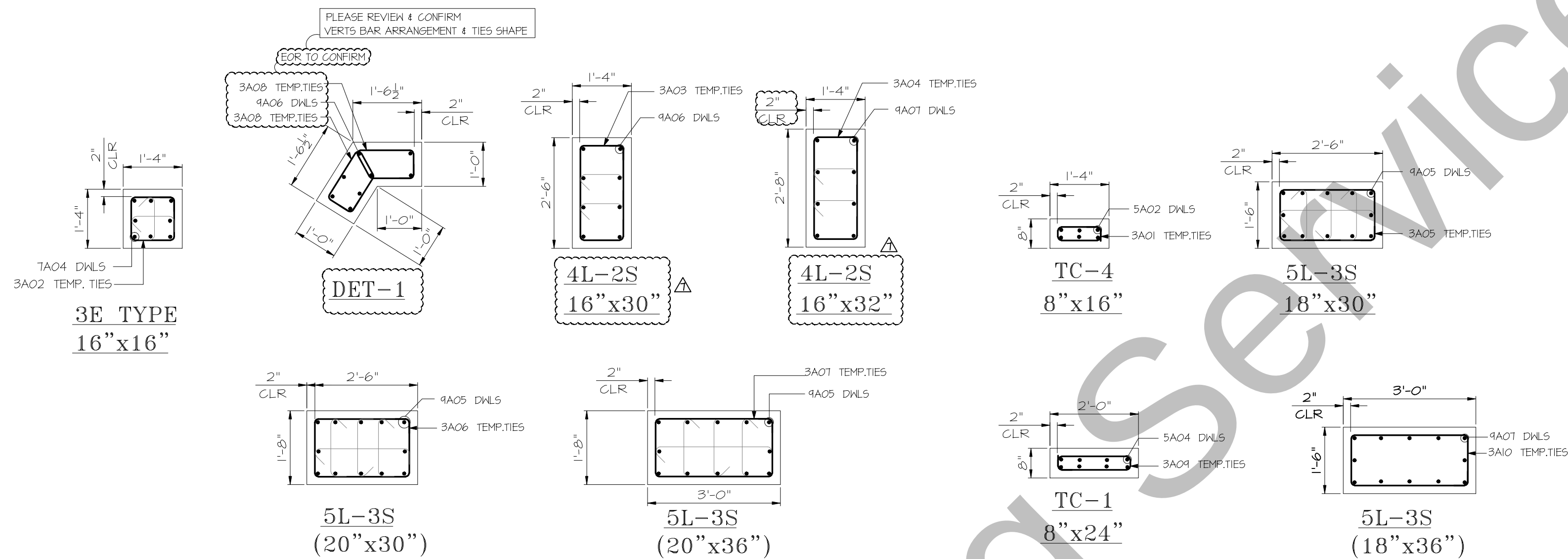
		FOR MAT SLAB		
		LAP TABLE		
		8000 PSI CLASS-B (CATEGORY-1)		
		REFER SHEET:S300		
		BAR SIZE	TOP	BOT
BOT	BOTTOM	#4	23"	18"
FTG	FOOTING	#5	29"	22"
COR	CORNER	#6	34"	26"
VERTS	VERTICALS	#7	50"	38"
CE	COLUMN ENCASMENT	#8	57"	44"
T/MAT	TOP OF MAT	#9	64"	49"
ES	EACH SIDE	#10	72"	56"
HOR	HORIZONTAL	#11	80"	62"
EF	EACH FACE			
DWLS	DOWELS			
CONC.	CONCRETE			
IF	INNER FACE			
OF	OUTER FACE			
ELEV.	ELEVATOR			

CONC. COVER:	
CAST AGAINST EARTH	3"
EXPOSED TO EARTH OR WEATHER #5 OR SMALLER	1 1/2"
EXPOSED TO EARTH OR WEATHER #6 OR LARGER	2"

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S100A
FOR SECTIONS SEE STRUCTURAL DRAWINGS: S200 THRU S203

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:2021-12-01 (BULLETIN #4)

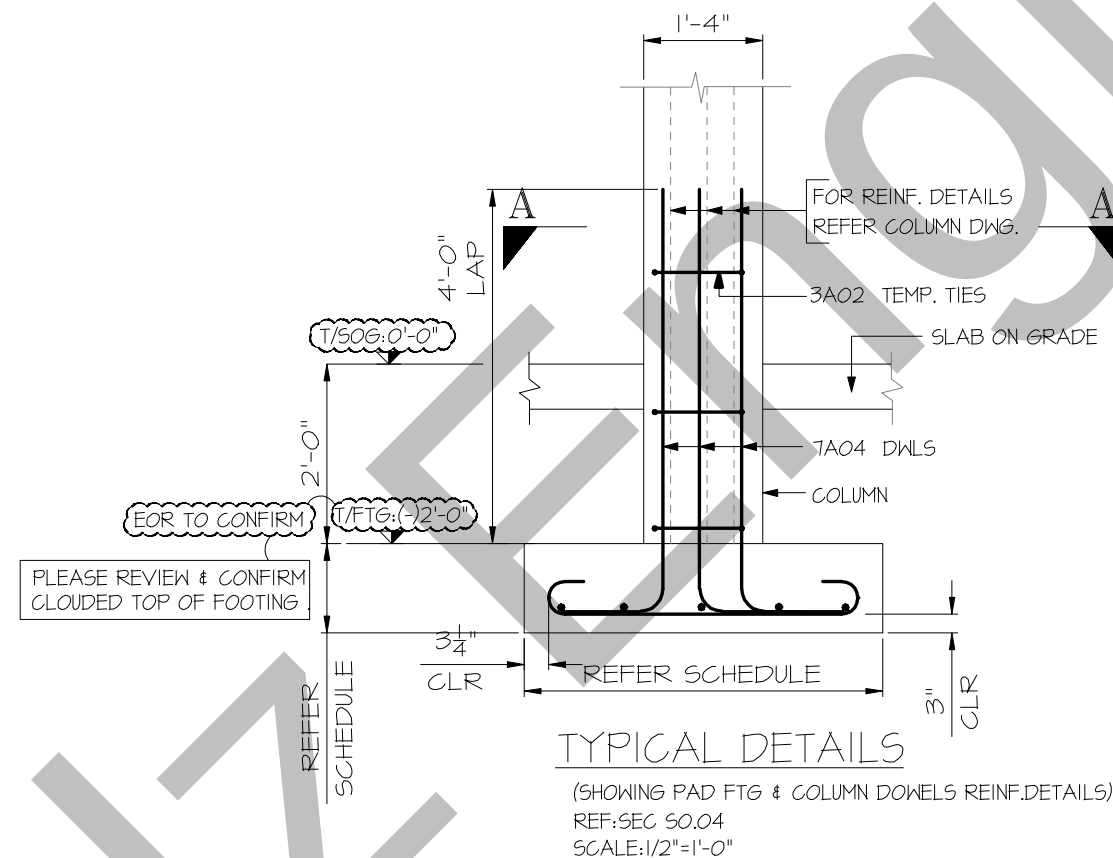
PAD FOOTINGS & COLUMN DOWELS REINFORCEMENT SCHEDULE								
FOOTING MARK	SIZE (INCL.DEP)	LOC'S	T.F.TG	REINFORCEMENT	COLUMN MARK	SIZE (INCL.)	LOC'S	REINFORCEMENT
F4.0	(4'-0"x4'-0"x1'-0")	3	(-)-2'-0"	3x2x5 5A01 BOT BK	54A6-4A3TA	(16"x16")	3	3x3 7A04 DNL5 3x3 3A02 TEMP.TIES
F1.0	(7'-0"x7'-0"x1'-4")	1	(-)-2'-0"	2x10 6A01 BOT BK	I	DETAIL-I	I	8 9A06 DNL5 2x3 3A02 TEMP.TIES
F8.0	(8'-0"x8'-0"x1'-6")	7	(-)-2'-0"	7x2x10 7A01 BOT BK	23 31,34 60,65	(16"x30")	6	6x3 9A06 DNL5 6x3 3A03 TEMP.TIES
					56	(16"x32")	1	8 9A06 DNL5 3 3A04 TEMP.TIES
F9.0	(9'-0"x9'-0"x1'-10")	11	(-)-2'-0"	11x2x10 8A01 BOT BK	56,7 38,66,24	(16"x30")	6	6x3 9A07 DNL5 6x3 3A03 TEMP.TIES
					4, 40, 34	(16"x32")	3	3x3 9A07 DNL5 3x3 3A04 TEMP.TIES
					15	(16"x30")	1	8 9A07 DNL5 3 3A03 TEMP.TIES
					TC-4	(8"x16")	2	2x6 5A02 DNL5 2x3 3A01 TEMP.TIES
					TC-4(1'-4"DP) TE	(8"x16")	1	4 5A02 DNL5 2 5A03 DNL5 3 3A01 TEMP.TIES
					F6	(16"x30")	1	8 9A07 DNL5 3 3A03 TEMP.TIES
F10.0	(10'-0"x10'-0"x2'-0")	2	(-)-2'-0"	2x2x11 8A02 BOT BK	TC-1	(8"x24")	1	8 5A04 DNL5 3 3A04 TEMP.TIES
					13	(16"x30")	1	8 9A06 DNL5 3 3A03 TEMP.TIES
F10.0	(10'-0"x10'-0"x2'-0")	2	(-)-2'-0"	2x2x11 8A02 BOT BK	67	(18"x30")	1	12 9A07 DNL5 3 3A03 TEMP.TIES
					TC-4	(8"x16")	1	6 5A04 DNL5 3 3A01 TEMP.TIES
					TC-4(1'-4"DP) TE	(8"x16")	1	4 5A04 DNL5 2 5A03 DNL5 3 3A01 TEMP.TIES
					57,61	(18"x30")	2	2x12 9A07 DNL5 2x3 3A05 TEMP.TIES
F12.0	(12'-0"x12'-0"x2'-6")	12	(-)-2'-0"	12x2x13 9A01 BOT BK	16,26,35,58	(20"x30")	4	4x12 9A07 DNL5 4x3 3A06 TEMP.TIES
F12.0	(12'-0"x12'-0"x2'-6")	12	(-)-2'-0"	12x2x13 9A01 BOT BK	19	(20"x30")	1	12 9A07 DNL5 3 3A03 TEMP.TIES
					27,28,29,30	(20"x30")	4	4x12 9A07 DNL5 4x3 3A06 TEMP.TIES
					59	(16"x30")	1	8 9A07 DNL5 3 3A03 TEMP.TIES
					14	(18"x36")	1	12 9A07 DNL5 3 3A10 TEMP.TIES
F13.0	(13'-0"x13'-0"x2'-8")	3	(-)-2'-0"	3x2x14 9A02 BOT BK	F5	(20"x36")	1	12 9A05 DNL5 3 4A03 TEMP.TIES
					17,18	(20"x30")	2	2x12 9A05 DNL5 2x3 3A06 TEMP.TIES
F14.0	(14'-0"x14'-0"x2'-10")	1	(-)-2'-0"	2x16 9A03 BOT BK	25	(20"x36")	1	12 9A05 DNL5 3 3A01 TEMP.TIES
F9.0x15	(9'-0"x14'-6"x2'-0")	1	(-)-2'-0"	12 8A04 BOT LH 16 8A01 BOT SH 10 6A02 #12" TOP LH 15 6A03 #12" TOP SH 10 4A02 #48" STANDEES BK	F2,F3	(16"x30")	2	2x3 9A07 DNL5 2x3 4A04 TEMP.TIES
F14x20	(14'-0"x20'-0"x2'-10")	1	(-)-2'-0"	18 9A04 #10" BOT LH 25 9A03 #10" BOT SH 15 7A02 #12" TOP LH 21 7A03 #12" TOP SH 18 4A01 #48" STANDEES BK	62,63	(18"x30")	2	2x12 9A05 DNL5 2x3 3A05 TEMP.TIES
F-FLB00H-I	REFER DETAIL-A	1	(-)-2'-0"	REFER DETAIL-A	36	(20"x30")	1	12 9A31 DNL5 3 3A11 TEMP.TIES



COULMN DETAILS

(SHOWING COLUMN REINF. DETAILS)
SDR: S4.00
SCALE: 1/2"=1'-0"

Base Number: RESIDENTIAL PORTAL - C PRO FOOTING & COLUMN DETAILS (DRG)										BSP LIST										
Base Mark	Qty	Size	Field Length	Type	X'	Y'	X	Y	X'	Y'	X	Y	X'	Y'	X	Y	X'	Y'	X	Y
3401	15	3	7'-4"	T2	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3402	4	3	7'-4"	T8	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3403	54	3	7'-4"	T2	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3404	12	3	7'-4"	T2	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3405	12	3	7'-4"	T2	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3406	33	4	7'-4"	T6	0'-4"	1'-0"	0'-4"	1'-0"	0'-0"	0'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
3407	3	3	6'-8"	T2	0'-4"	0'-8"	0'-4"	0'-8"	1'-4"	1'-4"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"
3408	6	3	4'-4"	T7	0'-4"	0'-8"	0'-4"	0'-8"	1'-3-6"	0'-8-3"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"
3409	6	3	4'-8"	T2	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"
3410	3	3	6'-8"	T2	0'-4"	0'-8"	0'-4"	0'-8"	1'-0"	1'-0"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"	0'-4"	0'-8"
3411	3	3	7'-4"	T2	0'-4"	1'-0"	0'-4"	1'-0"	1'-4"	1'-4"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"	0'-4"	1'-0"
4001	18	4	6'-9-3"	25	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"	1'-6"	2'-1-6"
4002	10	4	7'-1"	25	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"	1'-6"	2'-3-8"
4003	4	4	10'-1"	25	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	1'-5"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"
4004	4	4	7'-4"	T2	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	1'-1"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"	0'-4-6"	2'-9-3"
4005	22	4	9'-1"	25	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"	1'-6"	2'-9-8"
5001	30	5	4'-8"	1	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"
5002	16	5	4'-8"	2	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"
5003	6	5	4'-8"	2	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"
5004	24	5	4'-8"	2	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"	0'-10"	3'-6"
5005	2	5	4'-0"	2	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"	0'-10"	3'-2"
6001	20	6	7'-10"	1	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"	0'-11"	6'-6"
6002	10	6	10'-2"	2	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"	1'-0"	6'-0"
6003	15	6	10'-6"	2	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"	1'-0"	6'-4"



HOUSE NUMBER - RESIDENTIAL PORTAL - C-PAD FOOTING & COLUMN DETAILS (2017)					BRIE LIST											
Bar Work	Qty	Size	Load Rating	Type	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
7801	140	#7	9-2"	1	0-10"	7-6"							0-10"	0-7"		
7802	85	#7	21-10"	2	1-2"	19-6"							1-2"			
7803	27	#7	15-10"	2	1-2"	13-6"							1-2"			
7804	24	#7	5-11"	2	1-2"	4-9"										
8001	236	#8	10-4"	1	0-11"	8-6"							0-11"	0-8"		
8002	44	#8	11-4"	1	0-11"	9-6"							0-11"	0-8"		
8003	52	#8	12-4"	1	0-11"	10-6"							0-11"	0-8"		
8004	31	#8	10-5"	1	0-11"	8-6"							0-11"	0-8"		
9001	312	#9	14-0"	1	1-3"	11-6"							1-3"	0-11 N"		
9002	84	#9	10-0"	1	1-3"	12-6"							1-3"	0-11 N"		
9003	571	#9	16-0"	1	1-3"	13-6"							1-3"	0-11 N"		
9004	108	#9	22-0"	1	1-3"	19-6"							1-3"	0-11 N"		
9005	72	#9	8-5"	2	1-3"	6-4"							1-3"	0-11 N"		
9006	72	#9	7-11"	2	1-3"	6-4"										
9007	288	#9	8-11"	2	1-3"	7-8"										
9008	18	#9	10-0"	1	1-3"	12-6"							1-3"	0-11 N"		
9009	2	#9	15-0"	1	1-3"	12-6"							1-3"	0-11 N"		
9010	8	#9	14-1"	1	1-3"	11-3"							1-3"	0-11 N"		
9011	1	#9	14-6"	1	1-3"	12-0"							1-3"	0-11 N"		
9012	1	#9	10-5"	1	1-3"	10-0"							1-3"	0-11 N"		
9013	3	#9	16-3"	1	1-3"	14-0"							1-3"	0-11 N"		
9014	2	#9	17-0"	1	1-3"	15-6"							1-3"	0-11 N"		
9015	1	#9	17-3"	1	1-3"	15-3"							1-3"	0-11 N"		
9016	1	#9	18-1"	1	1-3"	15-3"							1-3"	0-11 N"		
9017	1	#9	18-3"	1	1-3"	16-1"							1-3"	0-11 N"		
9018	6	#9	19-0"	1	1-3"	16-6"							1-3"	0-11 N"		
9019	1	#9	17-11"	1	1-3"	15-5"							1-3"	0-11 N"		
9020	1	#9	18-0"	1	1-3"	16-2"							1-3"	0-11 N"		

FOR APPROVAL

ALL BARS CONFIRMING TO #3-#6 ASTM-A615 GRADE 60 BLK

ALL BARS CONFIRMING TO #7-#11ASTM-A615 GRADE 75BLK

FOR COLUMN

LAP TABLE FOR GRADE 60
(8000 PSI) CLASS B
REFER SHEET SO.01 \$54.00

BAR SIZE	OTHERS LT2 CATEGORY-I
#4	17"
#5	22"
#6	26"

FOR COLUMN

LAP TABLE FOR GRADE 75
(8000 PSI) CLASS B *1.25
REFER SHEET 50.01 \$54.00

BAR SIZE	OTHERS LT2 CATEGORY-I
#7	48"
#8	55"
#9	61"
#10	69"
#11	75"

ABBREVIATION

H-PINS	HAIR PINS
BOT	BOTTOM
EW	EACH WAY
T/FTG	TOP OF FOOTING
DWG.	DRAWING
T&B	TOP & BOTTOM
DWLS	DOWELS
VERTS	VERTICAL
LOCS	LOCATIONS
LW	LONG WAY
SW	SHORT WAY
REINF.	REINFORCEMENT

DRAWING DATED: 11/23/2021 SSK#6

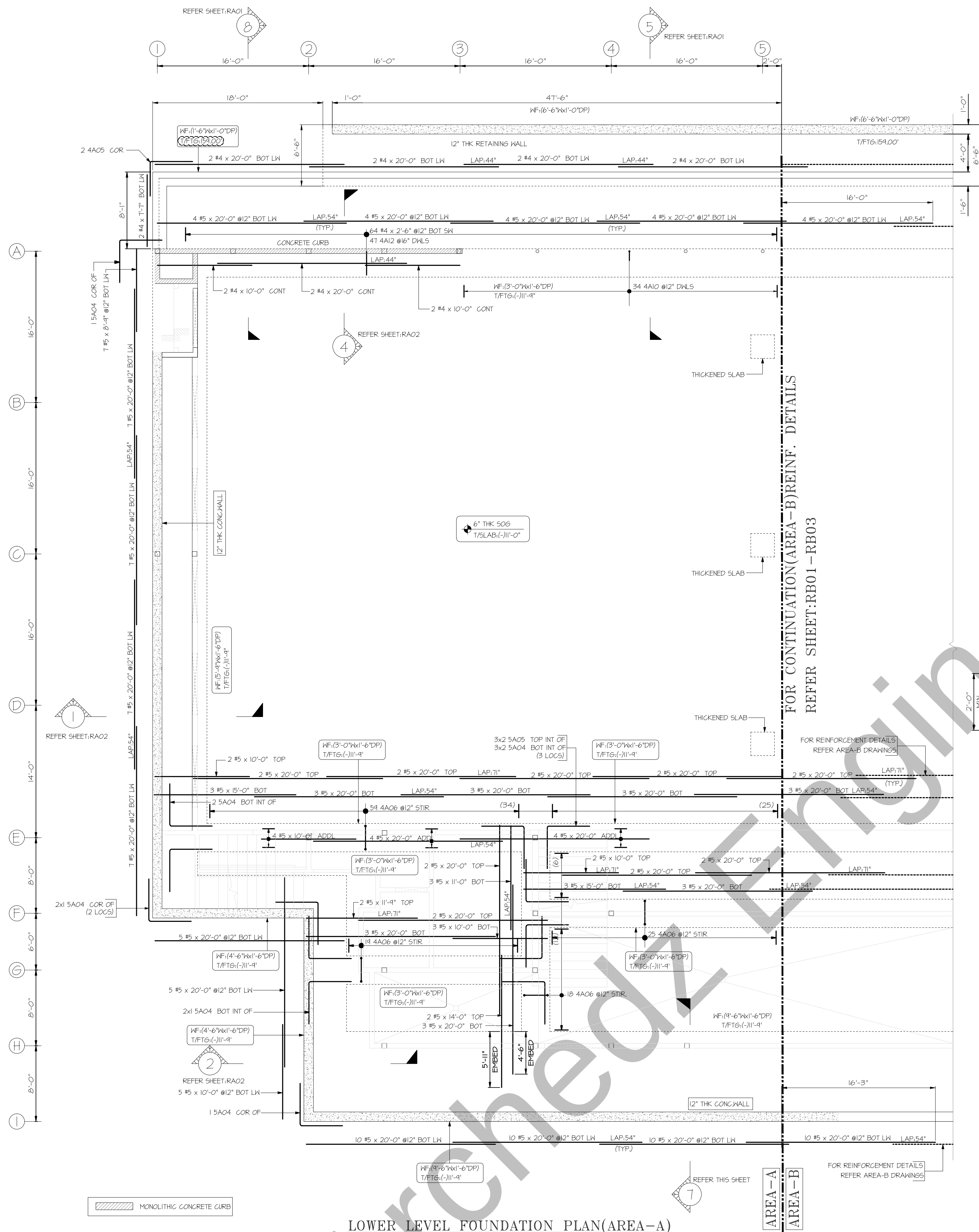
DRAWING DATED: 10/11/2021

LATEST DRAWING DATED: 09/29/2021

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED: 09/15/2021 (SET-3 REV-#1)

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S1.00E

FOR SECTIONS SEE STRUCTURAL DRAWING: S0.04 & S2.00 THRU S6.02

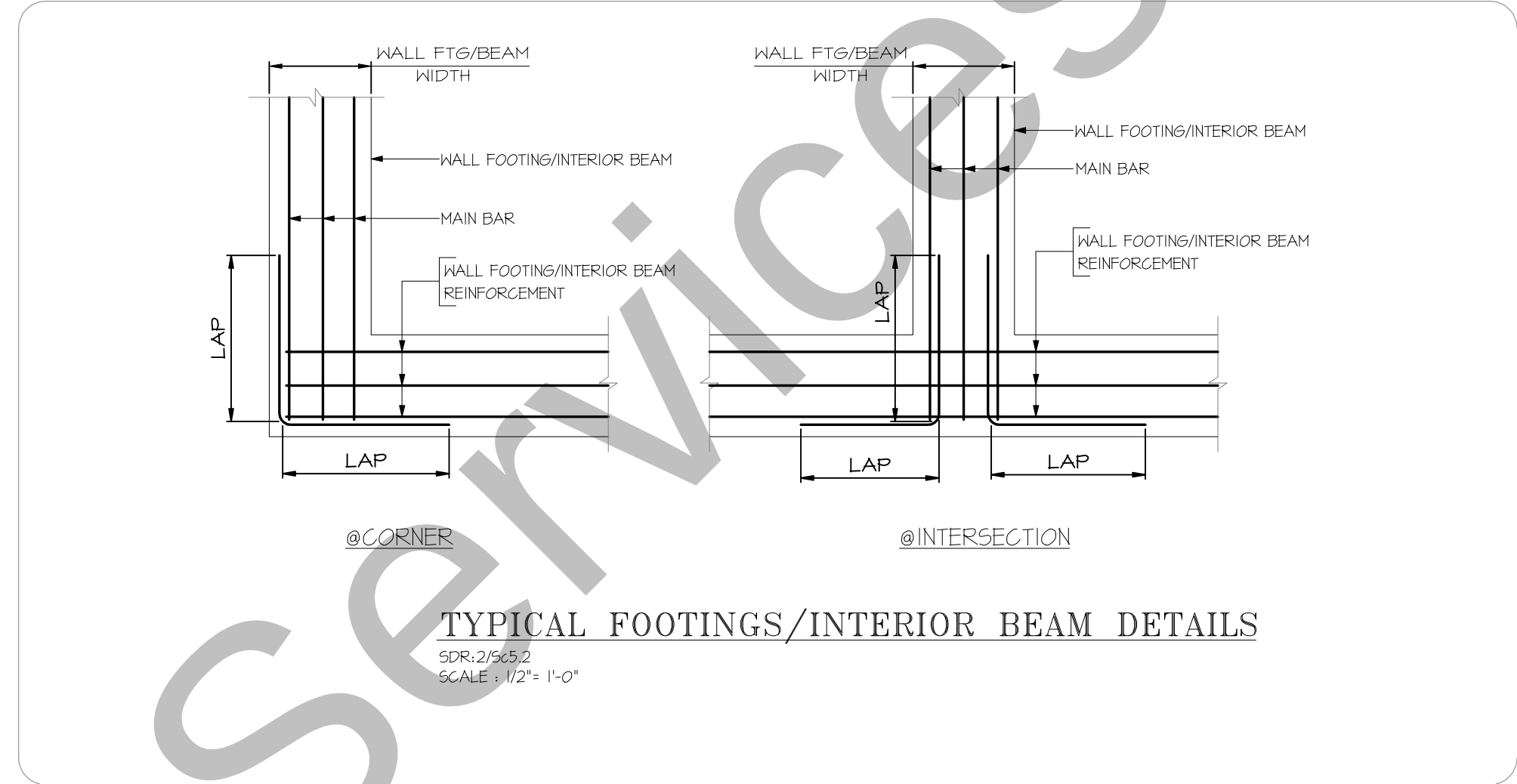


LOWER LEVEL FOUNDATION PLAN (AREA-A)

(SHOWING WALL FOOTINGS/INTERIOR BEAMS REINFORCEMENT DETAILS)

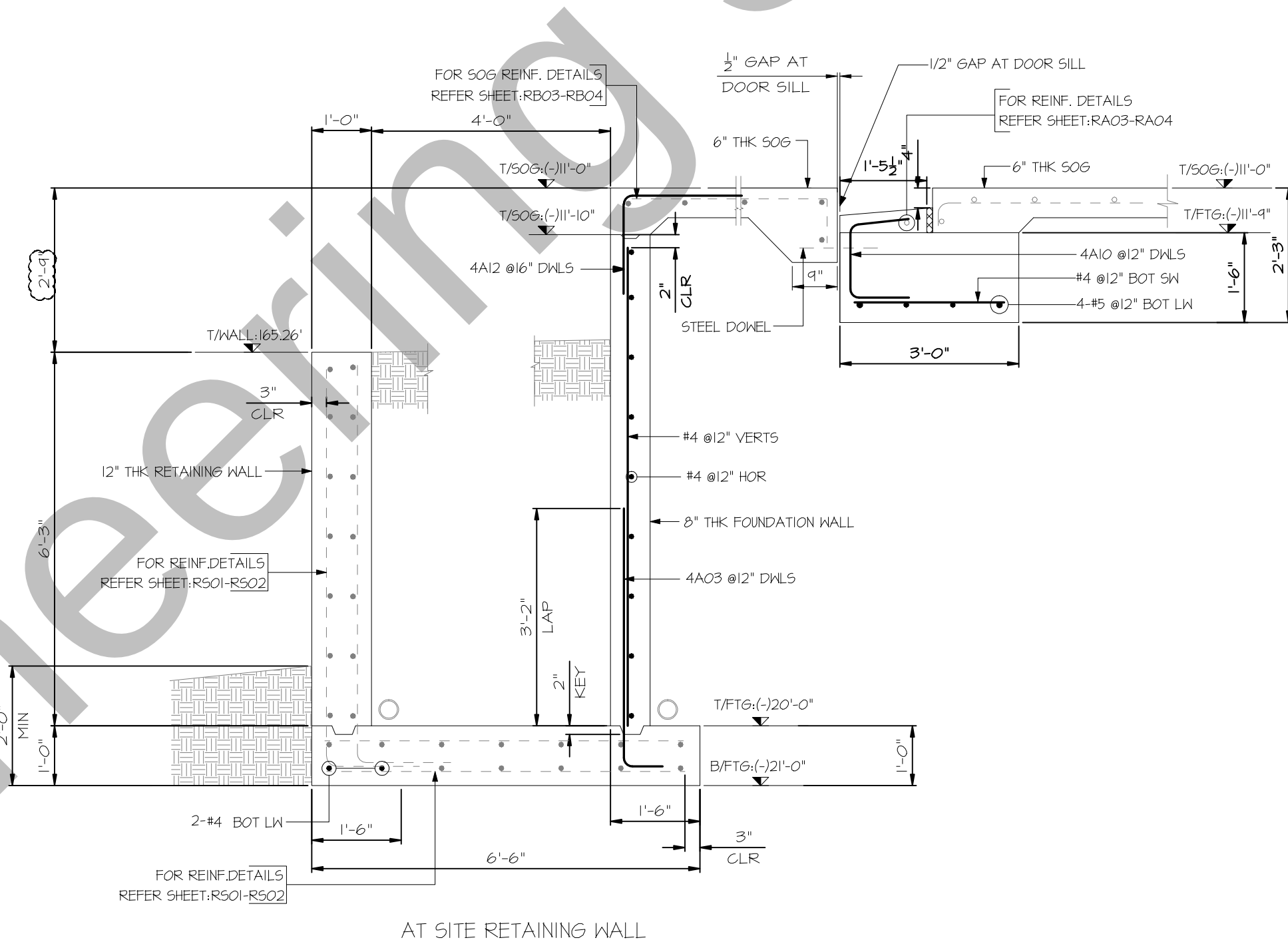
SDR:10/SC5.1

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



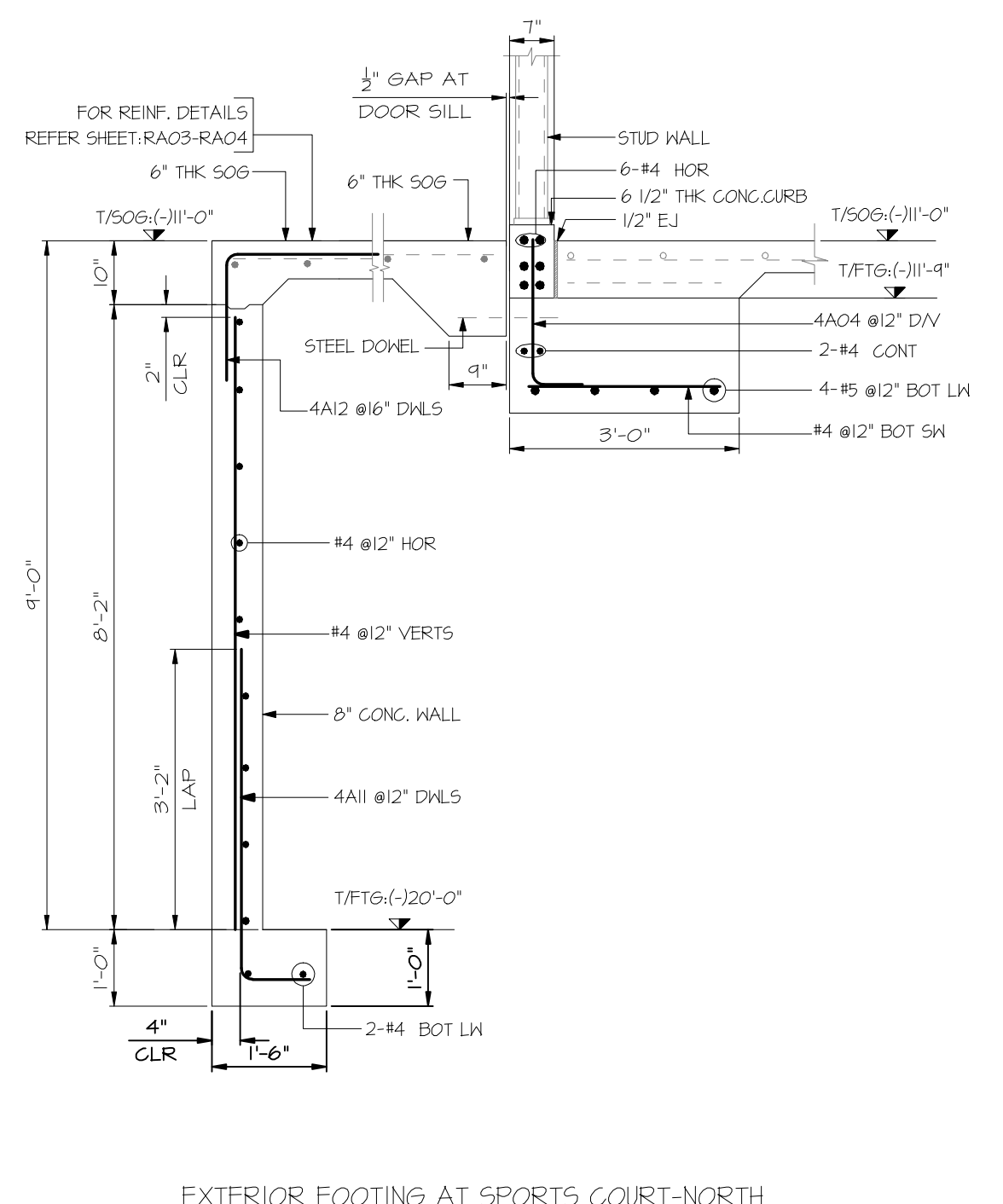
TYPICAL FOOTINGS/INTERIOR BEAM DETAILS

SDR:2/SC5.2
SCALE:1/2"=1'-0"



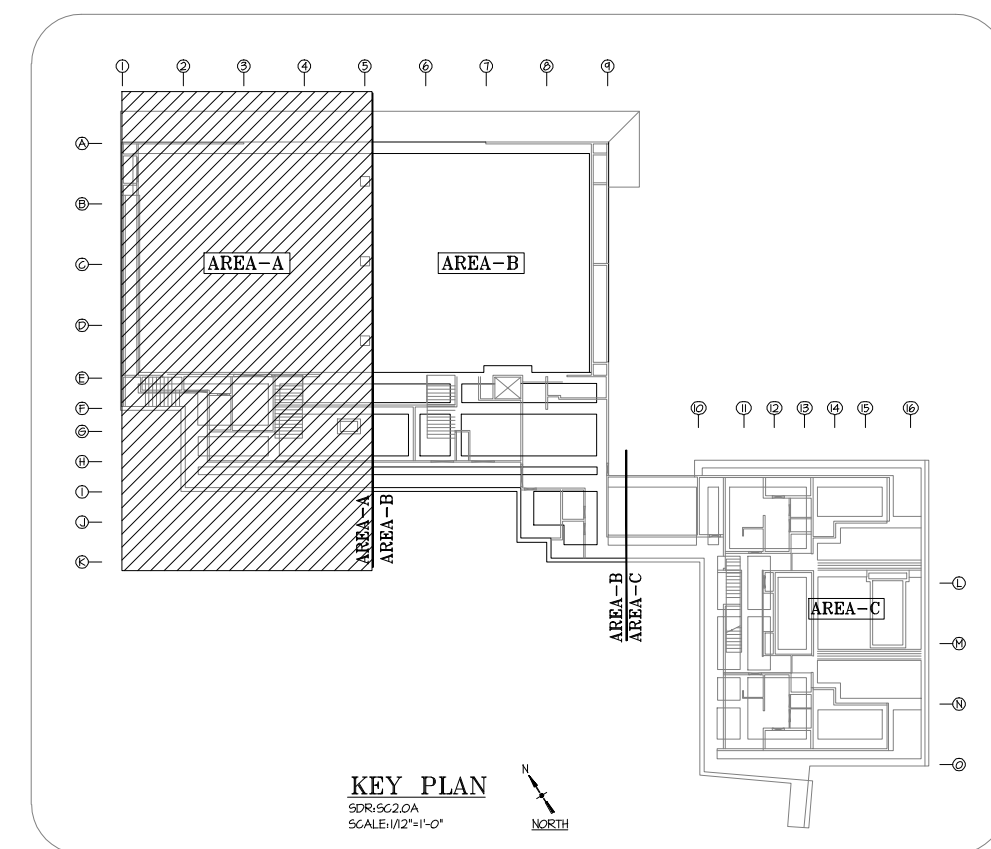
AT SITE RETAINING WALL

SECTION 5
SDR:11/SC5.4
SDR:10/SC5.1
SCALE:1/2"=1'-0"



EXTERIOR FOOTING AT SPORTS COURT-NORTH

SECTION 8
SDR:10/SC5.1
SCALE:1/2"=1'-0"



KEY PLAN

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

FOR APPROVAL

ALL BARS CONFIRMING TO ASTM-A775 GRADE 60(CHROMX)

ABBREVIATION

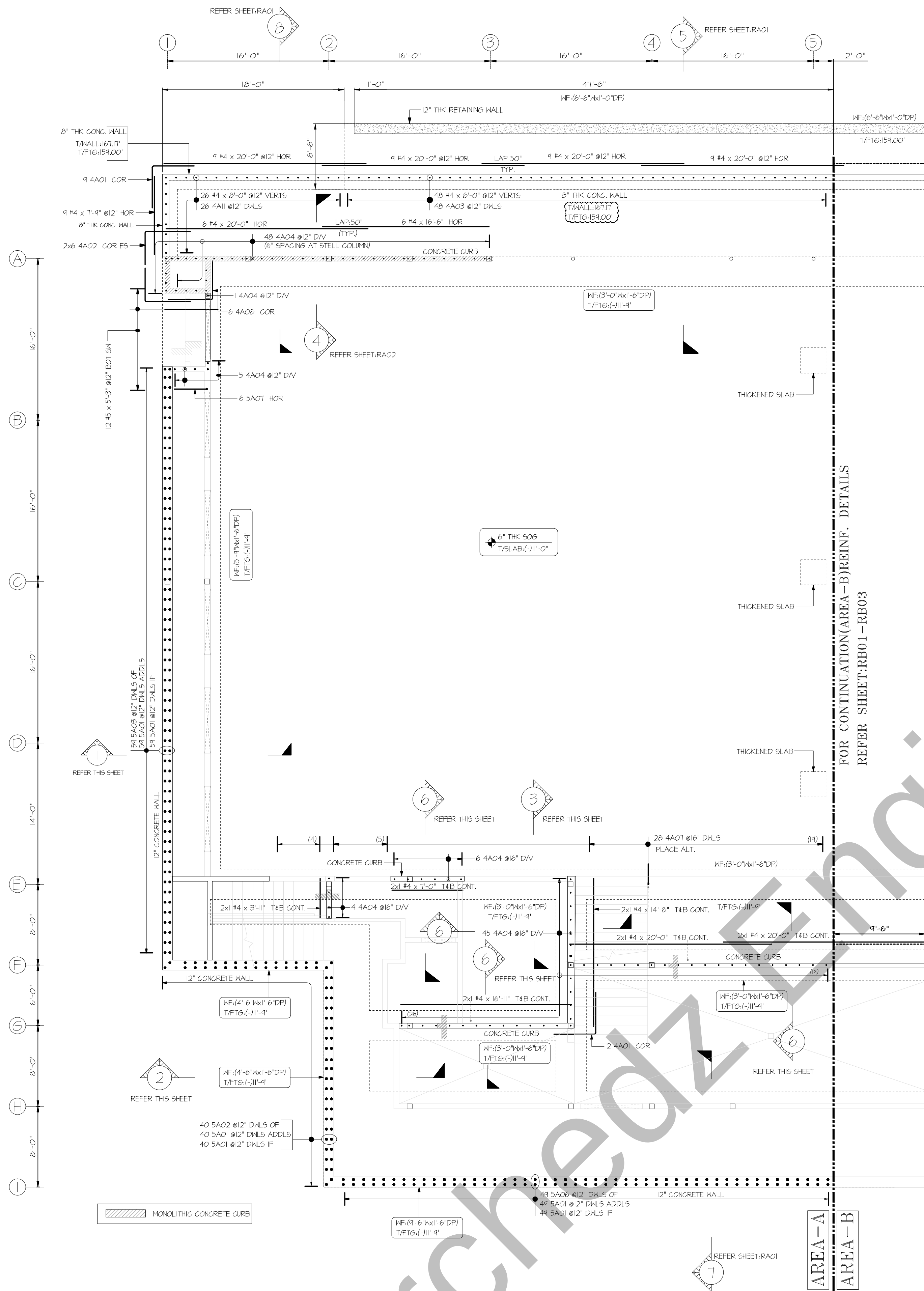
T&B	TOP & BOTTOM
CONT.	CONTINUOUS
B TRANS.	BOTTOM TRANSVERSE
DWLS	DOWELS
COR	CORNER
B	BOTTOM
OF	OUTER FACE
IF	INNER FACE
THK	THICKNESS
W	WIDTH
D/P	DEPTH
D/V	DOWEL CUM VERTICAL
SOG	SLAB ON GRADE
T.E	THICKENED

FOR WALL DOWELS

BAR SIZE	TOP	OTHERS
#3	38"	29"
#4	50"	38"
#5	62"	48"
#6	74"	56"

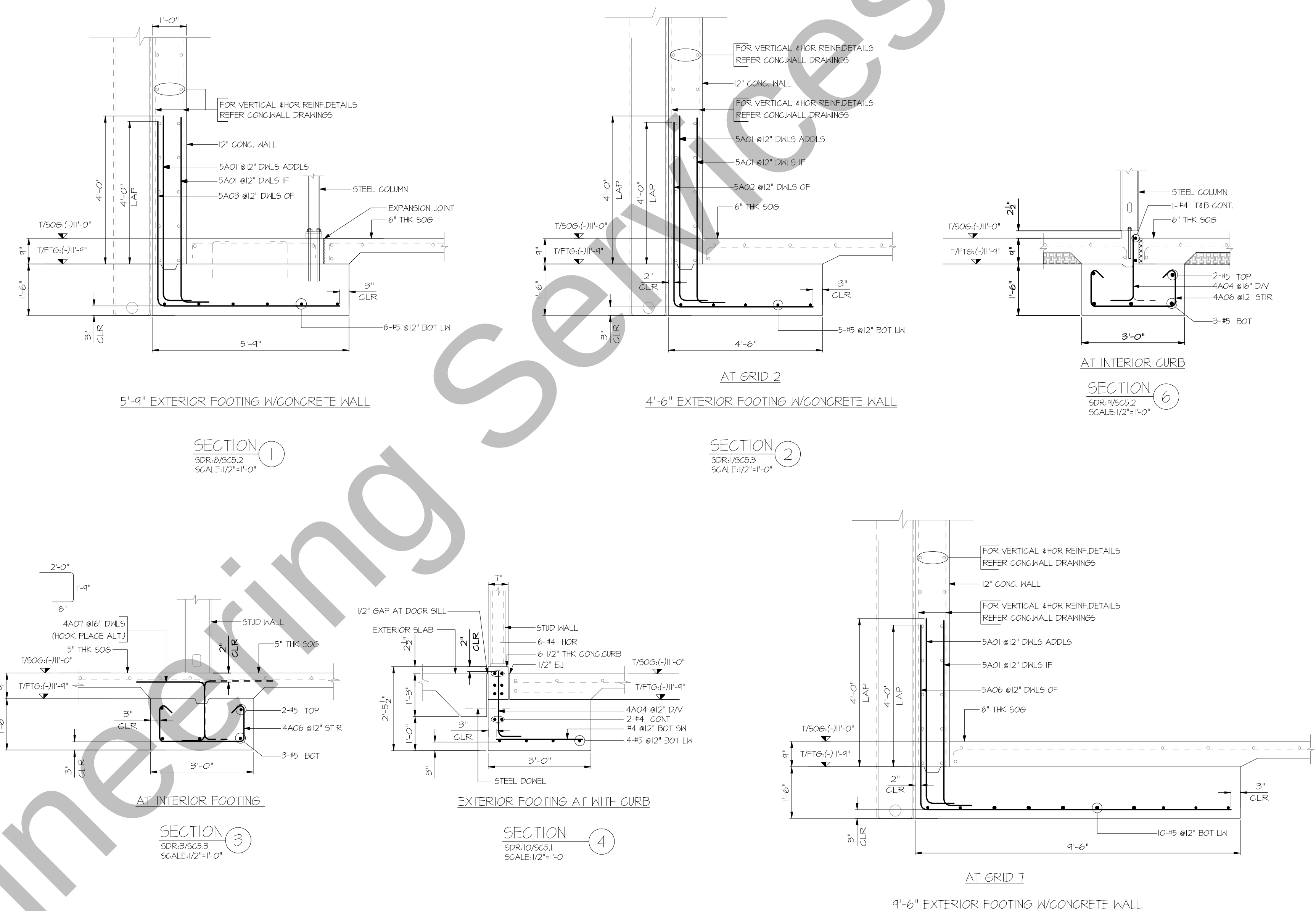
FOR WALL FOOTINGS

BAR SIZE	TOP	OTHERS
#3	42"	33"
#4	56"	44"
#5	71"	54"
#6	84"	65"

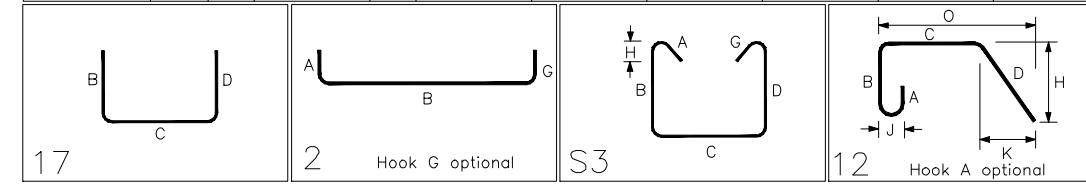


LOWER LEVEL FOUNDATION PLAN(AREA-A)
(SHOWING DOVELS & CURB REINFORCEMENT DETAILS)
S5.1/SC5.1
SCALE:1/8"=1'-0"

FOR CONTINUATION(AREA-B) REINFORCEMENT DETAILS
REFER SHEET:RB01-RB03



Release Number: AREA-A WALL FOOTINGS, BEAMS & DOVELS										BAR LIST									
Bar Mark	Qty	Size	Total Length	Type	'X'	'Y'	'Z'	'W'	'H'	'D'	'E'	'F'	'G'	'I'	'J'	'K'	'L'	'M'	'N'
4A01	11	#4	8'-4"	17		4'-2"	4'-2"												
4A02	12	#4	7'-10"	17		3'-4"	4'-6"												
4A03	48	#4	5'-0"	2	0'-8"	4'-4"													
4A04	109	#4	2'-7"	2	0'-8"	1'-11"													
4A05	2	#4	8'-2"	17		3'-8"	4'-6"												
4A06	121	#4	5'-5"	53	0'-4 1/8"	1'-1"	2'-6"	1'-1"				0'-4 1/8"	0'-3"						
4A07	28	#4	4'-5"	17		2'-0"	1'-9"	0'-8"											
4A08	6	#4	8'-3"	17		3'-10"	4'-5"												
4A10	34	#4	3'-3"	12		1'-0"	1'-3"	1'-0"				1'-0"		0'-1"	1'-4"				
4A11	26	#4	5'-3"	17		0'-11"	4'-4"												
4A12	47	#4	3'-8"	17		1'-8"	2'-0"												
5A01	296	#5	6'-3"	2	0'-10"	5'-5"													
5A02	40	#5	9'-6"	17		4'-1"	5'-5"												
5A03	59	#5	10'-9"	17		5'-4"	5'-5"												
5A04	14	#5	9'-0"	17		4'-6"	4'-6"												
5A05	6	#5	12'-0"	17		6'-0"	6'-0"												
5A06	49	#5	14'-6"	17		5'-5"	9'-1"												
5A07	6	#5	3'-9"	17		0'-6"	3'-3"												



FOR WALL DOVELS

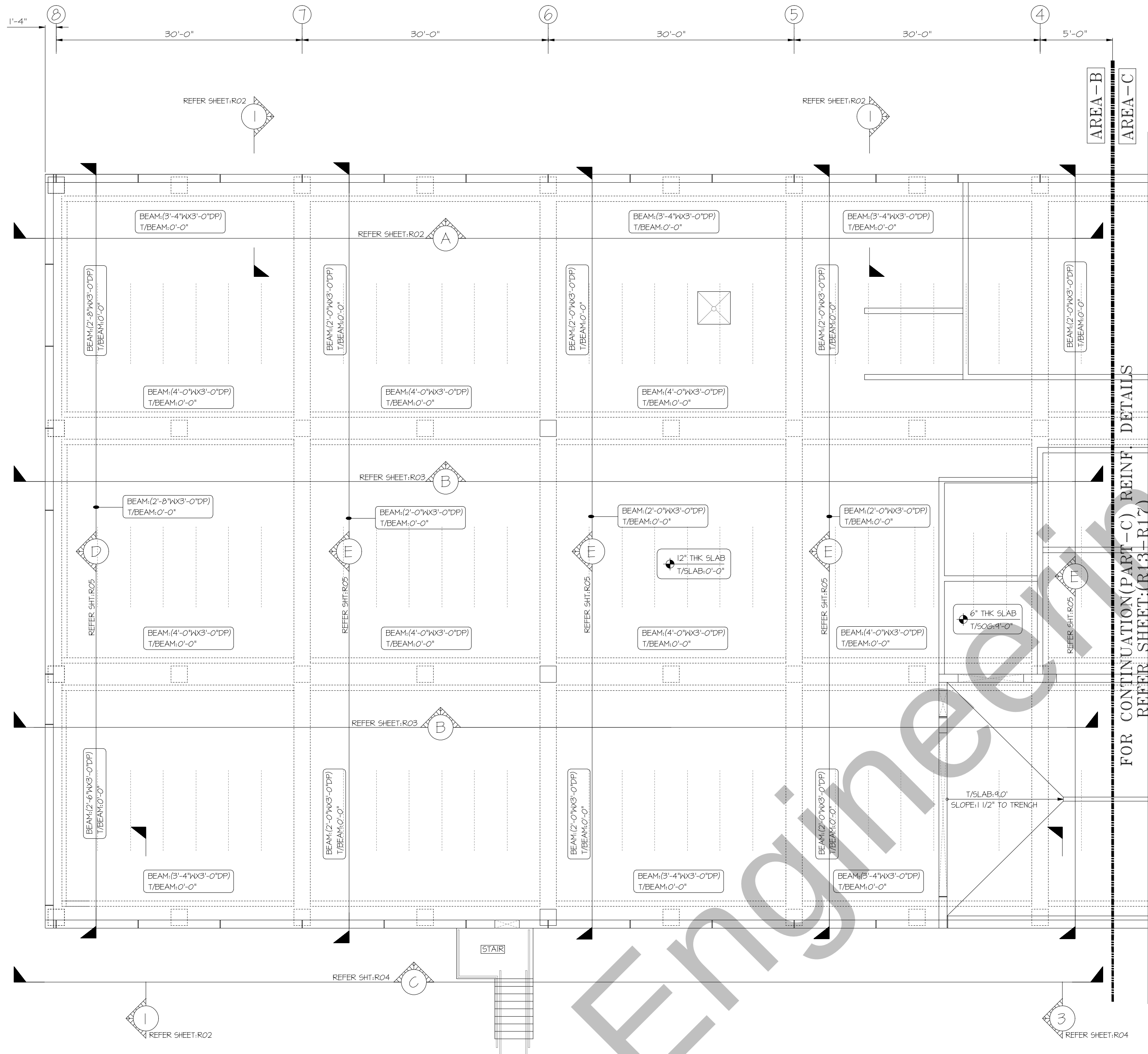
4000 PSI LAP REF. SHT:6/SC5.1 CLASS B CHROMX LAP:1.5 * TENSION LAP		
BAR SIZE	TOP	OTHERS
#3	38"	29"
#4	50"	38"
#5	62"	48"
#6	74"	56"

FOR WALL FOOTINGS

3000 PSI LAP REF. SHT:6/SC5.1 CLASS B CHROMX LAP:1.5 * TENSION LAP		
BAR SIZE	TOP	OTHERS
#3	42"	33"
#4	56"	44"
#5	71"	54"
#6	84"	65"

ABBREVIATION

T&B	TOP & BOTTOM
CONT.	CONTINUOUS
B TRANS.	BOTTOM TRANSVERSE
DNLS	DOVELS
COR	CORNER
B	BOTTOM
OF	OUTER FACE
IF	INNER FACE
THK	THICKNESS
W	WIDTH
DP	DEPTH
D/V	DOWEL CUM VERTICAL
SOG	SLAB ON GRADE
T.E	THICKENED

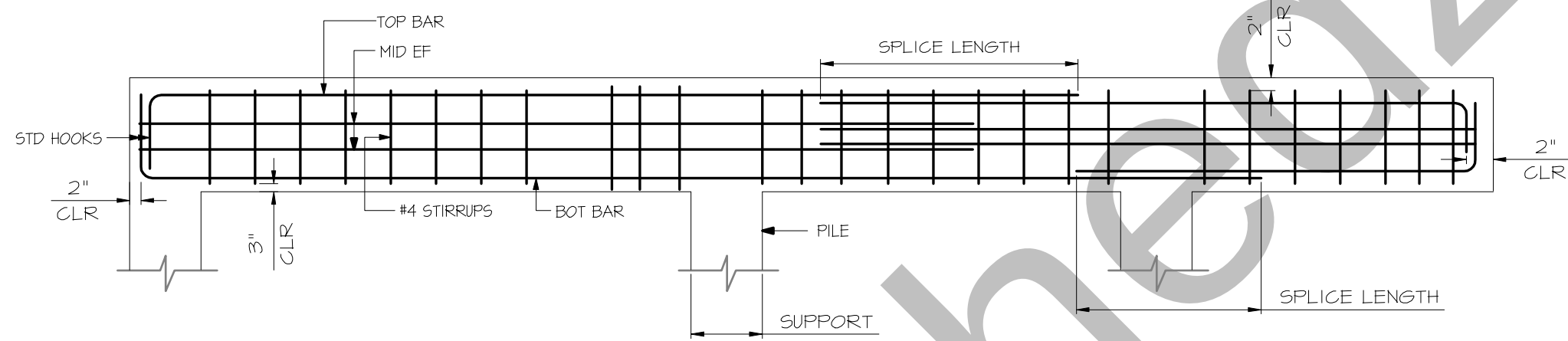


PILE AND ELEVATED SLAB PLAN-AREA B

(SHOWING BEAM ELEVATION MARK DETAILS)

SDR-5102

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



TYPICAL CONCRETE BEAM ELEVATION

SDR-5102

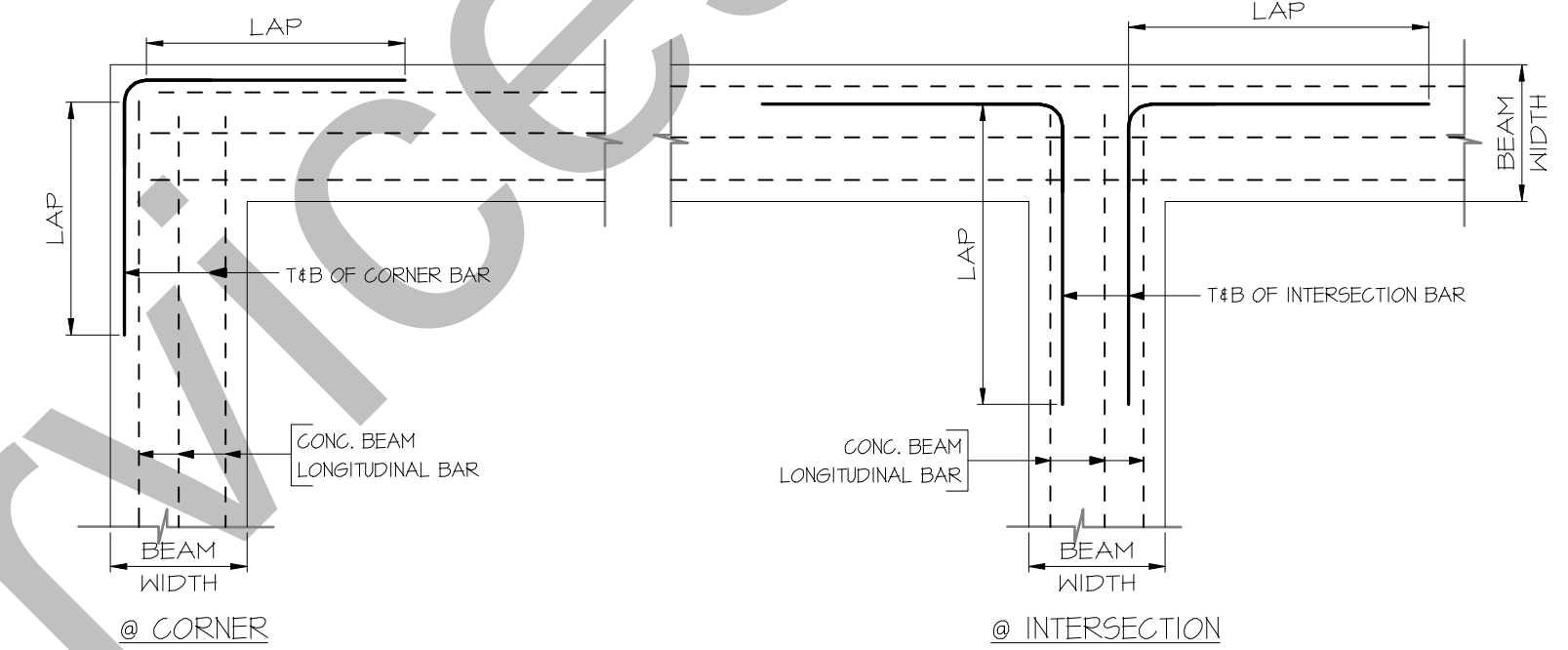
SCALE:1/2"=1'-0"

ENGINEER TO VERIFY

PLEASE REVIEW & CONFIRM
CLOUDED BEAM BAR ARRANGEMENT DETAILS

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS: S-102
FOR SECTIONS SEE STRUCTURAL DRAWINGS: S-302 TO S-306

THIS PLACING DRAWING WAS PREPARED FROM ARCHITECTURE DRAWING DATED: 04/05/2012



TYPICAL CONCRETE BEAM DETAILS

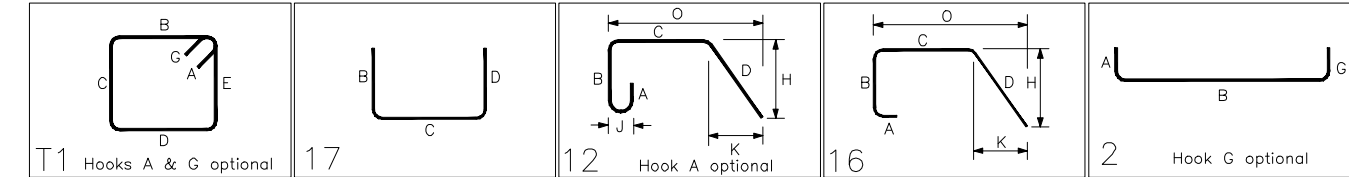
SDR-5102

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

ENGINEER TO VERIFY

PLEASE REVIEW & CONFIRM CLOUDED CORNER & INTERSECTION DETAILS
NOWHERE SHOWN TYPICAL DETAILS FOR CORNER & INTERSECTION DETAILS
HENCE WE HAVE PROVIDED HOOK AT ENDS AND PROVIDED CORNER #1NT BAR IN OUTER FACE ONLY

Release Number: AREA B-CONCRETE BEAMS				BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'O'
4001	743	#4	7'-4"	T1	0'-5"	2'-7"	0'-8"	2'-7"	0'-8"		0'-5"								
4002	107	#4	6'-8"	T1	0'-5"	2'-4"	0'-7"	2'-4"	0'-7"		0'-5"								
4003	56	#4	7'-8"	T1	0'-5"	2'-7"	0'-10"	2'-7"	0'-10"		0'-5"								
4004	55	#4	10'-4"	T1	0'-5"	2'-7"	2'-2"	2'-7"	2'-2"		0'-5"								
4005	743	#4	3'-8"	T1	0'-5"	1'-0"	1'-8"	1'-0"			0'-5"								
4006	743	#4	9'-4"	T1	0'-5"	2'-7"	1'-8"	2'-7"	1'-8"		0'-5"								
4007	56	#4	4'-2"	T1	0'-5"	1'-0"	2'-2"	1'-0"			0'-5"								
4008	887	#4	4'-4"	T1	0'-5"	1'-0"	2'-4"	1'-0"			0'-5"								
4009	446	#4	9'-4"	T1	0'-5"	3'-8"	0'-7"	3'-8"	0'-7"		0'-5"								
4010	446	#4	7'-2"	T1	0'-5"	2'-7"	0'-7"	2'-7"	0'-7"		0'-5"								
4011	872	#4	10'-8"	T1	0'-5"	2'-7"	2'-4"	2'-7"	2'-4"		0'-5"								
4012	441	#4	8'-0"	T1	0'-5"	3'-0"	0'-7"	3'-0"	0'-7"		0'-5"								
4013	426	#4	8'-6"	T1	0'-5"	2'-7"	1'-3"	2'-7"	1'-3"		0'-5"								
4014	33	#4	7'-0"	T1	0'-5"	3'-2"	0'-7"	3'-2"	0'-7"		0'-5"								
4015	33	#4	10'-9"	T1	0'-5"	5'-10"	1'-7"	5'-10"	1'-7"		0'-5"								
4016	15	#4	10'-4"	T1	0'-5"	2'-5"	2'-4"	2'-5"	2'-4"		0'-5"								
4017	15	#4	8'-2"	T1	0'-5"	2'-5"	1'-3"	2'-5"	1'-3"		0'-5"								
9001	24	#9	15'-2"	T1	0'-5"	7'-7"	7'-7"	7'-7"	7'-7"		0'-5"								
9002	24	#9	11'-8"	T1	0'-5"	5'-10"	5'-10"	5'-10"	5'-10"		0'-5"								
9003	36	#9	38'-6"	T1	0'-5"	1'-7"	36'-11"	1'-7"	36'-11"		0'-5"								
9004	4	#9	37'-0"	T1	0'-5"	1'-7"	35'-5"	1'-7"	35'-5"		0'-5"								
9005	36	#9	20'-0"	T1	0'-5"	1'-7"	18'-5"	1'-7"	18'-5"		0'-5"								
9006	4	#9	33'-3"	T1	0'-5"	1'-7"	31'-8"	1'-7"	31'-8"		0'-5"								
9007	22	#9	20'-6"	T1	0'-5"	1'-7"	18'-11"	1'-7"	18'-11"		0'-5"								
9008	22	#9	29'-6"	T1	0'-5"	1'-7"	27'-11"	1'-7"	27'-11"		0'-5"								
9009	5	#9	36'-7"	T1	0'-5"	1'-7"	35'-0"	1'-7"	35'-0"		0'-5"								
9010	5	#9	32'-9"	T1	0'-5"	1'-7"	31'-2"	1'-7"	31'-2"		0'-5"								



KEY PLAN

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

NORTH

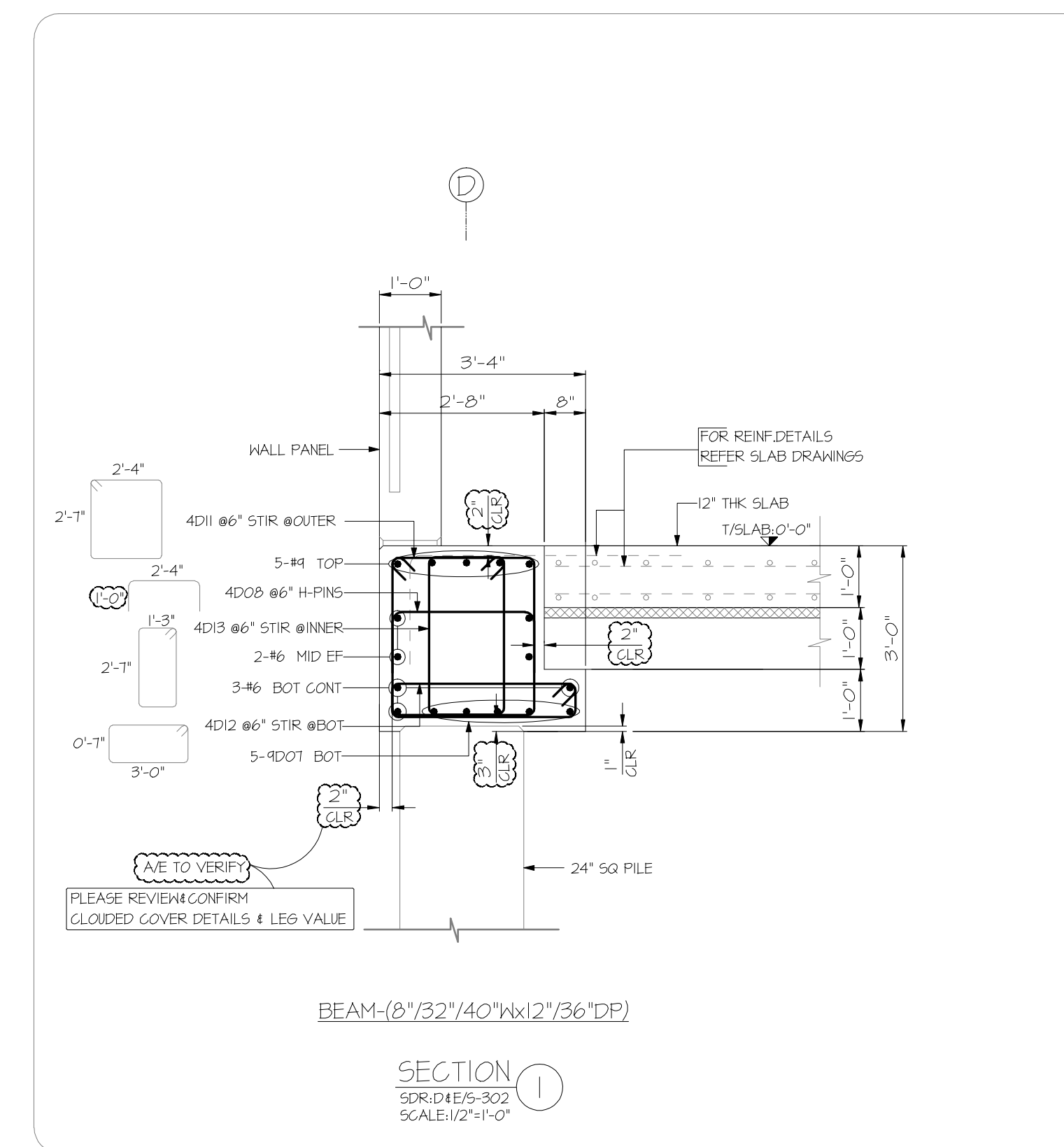
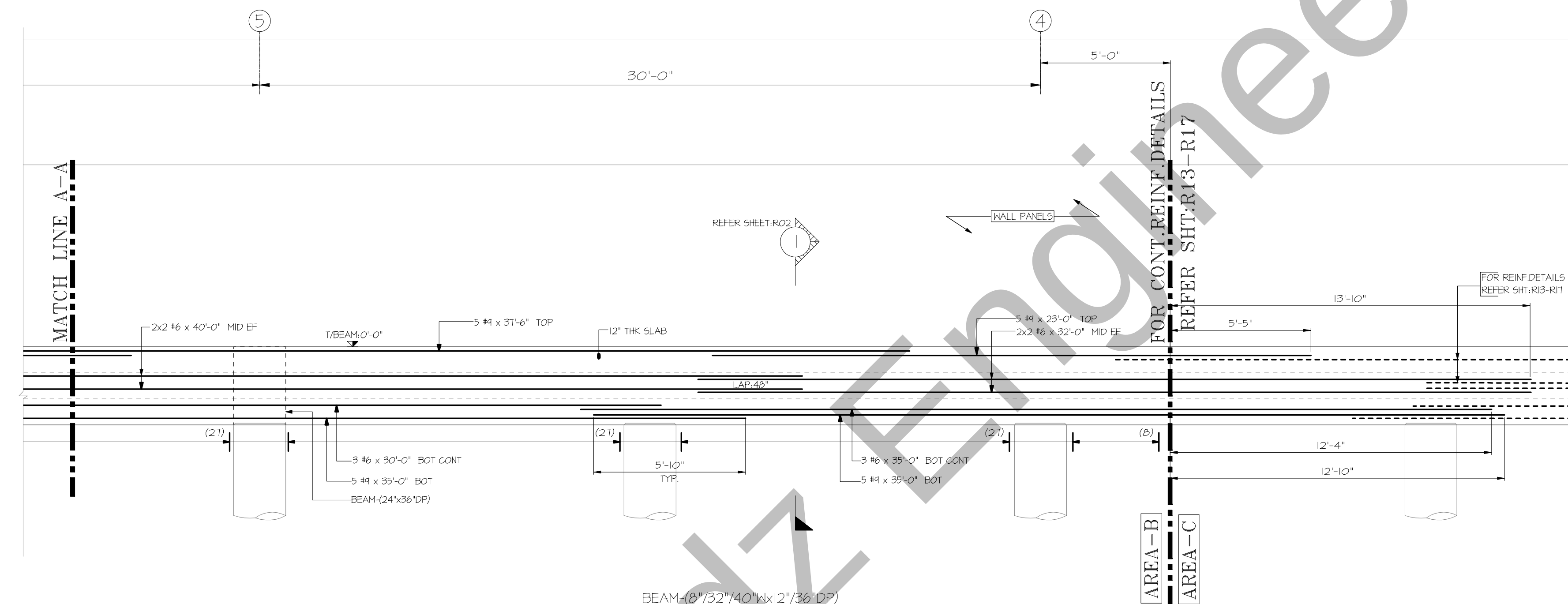
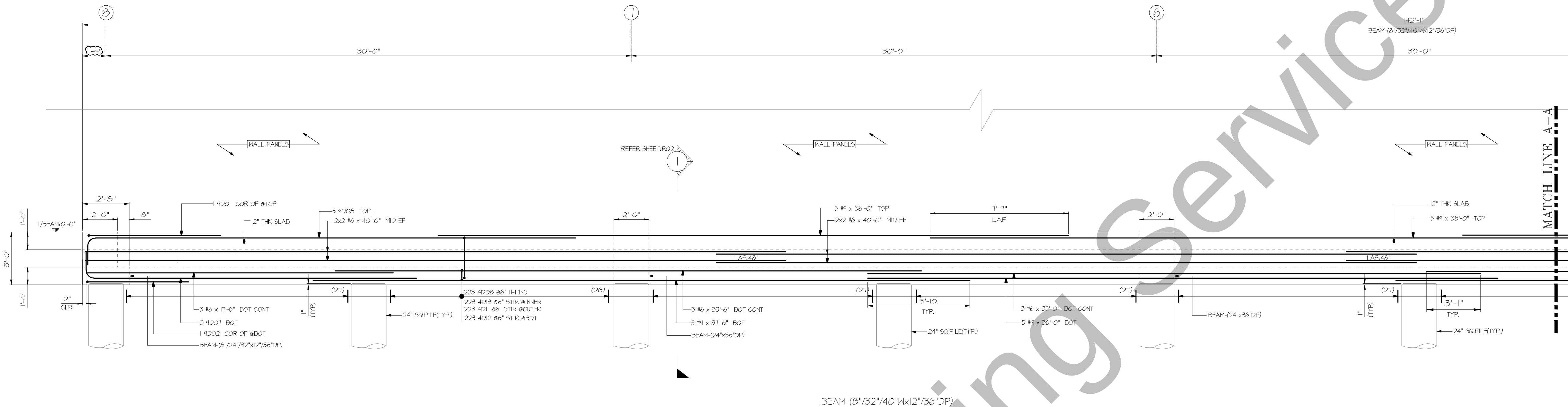
FOR CONC.BEAMS

ACI LAP TABLE 4000 PSI		
BAR 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"

BOT	BOTTOM
STIR	STIRRUPS
CON	CONTINUOUS
COR	CORNER
ES	EACH SIDE
CONC.	CONCRETE
T/SLAB	TOP OF SLAB
T/BAM	TOP OF BEAM
THK	THICKNESS
SIM	SIMILAR
TYP	TYPICAL
DP	DEPTH
W	WIDTH
SHT	SHEET
CLR	CLEARANCE
INT ES	INTERSECTION EACH SIDE

FOR APPROVAL

ASTM A615 - GR 60 - BLK



PLEASE REVIEW & CONFIRM
CLOUD BEAM PROFILE AND BAR ARRANGEMENT DETAILS
(AVE TO VERIFY)

ELEVATION - A
(SHOWING CONCRETE BEAMS REINFORCEMENT DETAILS)
(REF: S-102 D4E/S-30245-303)
(SCALE: 1/8"=1'-0")

FOR CONC. BEAMS

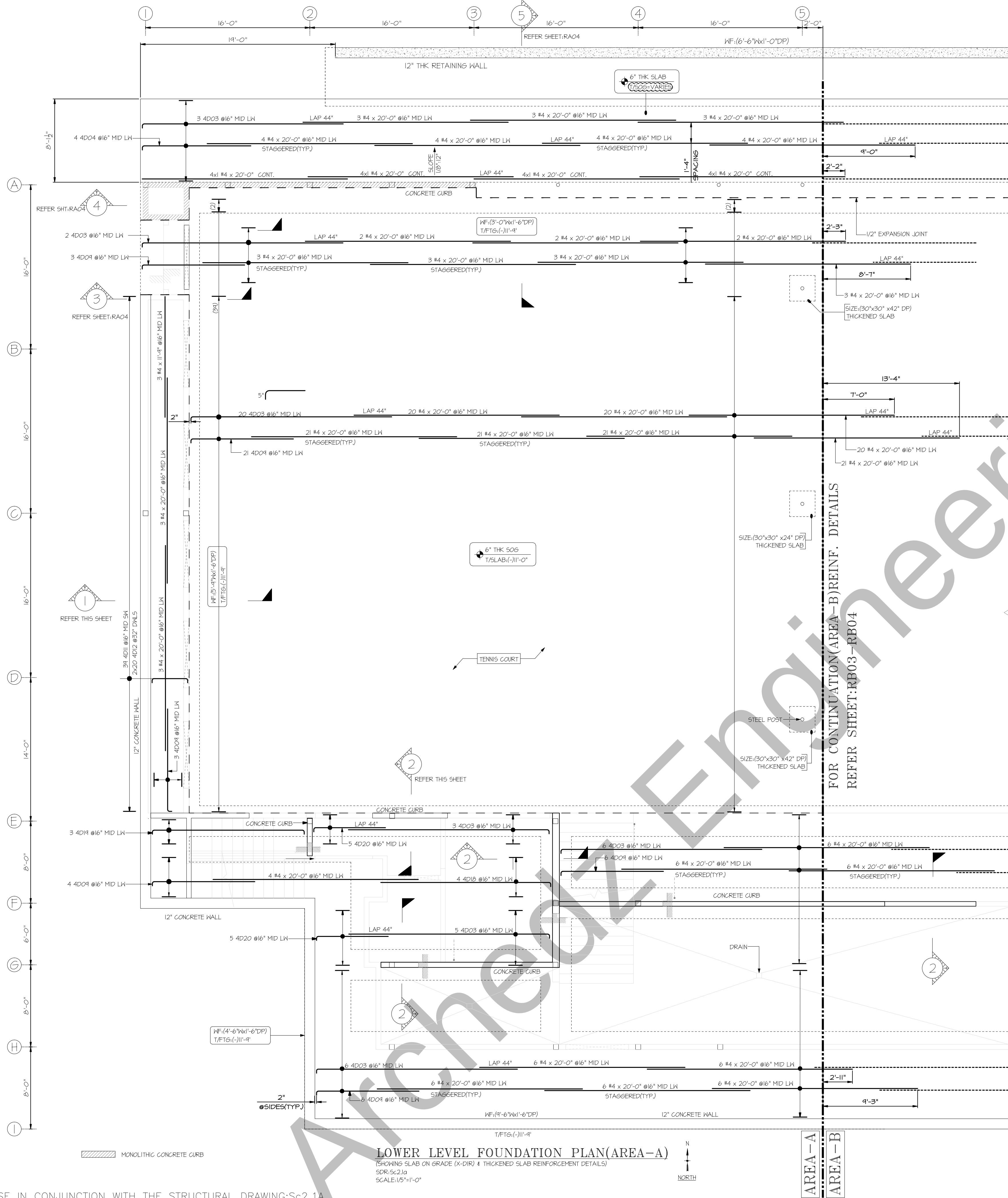
ACI LAP TABLE 4000 PSI		
BAR SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"

BOT	BOTTOM
STIR	STIRRUPS
CON	CONTINUOUS
COR	CORNER
ES	EACH SIDE
CONC.	CONCRETE
T/SLAB	TOP OF SLAB
T/BEAM	TOP OF BEAM
THK	THICKNESS
SIM	SIMILAR
TYP	TYPICAL
DP	DEPTH
W	WIDTH
SHT	SHEET
CLR	CLEARANCE
INT ES	INTERSECTION EACH SIDE

FOR APPROVAL
ASTM A615 - GR 60 - BLK

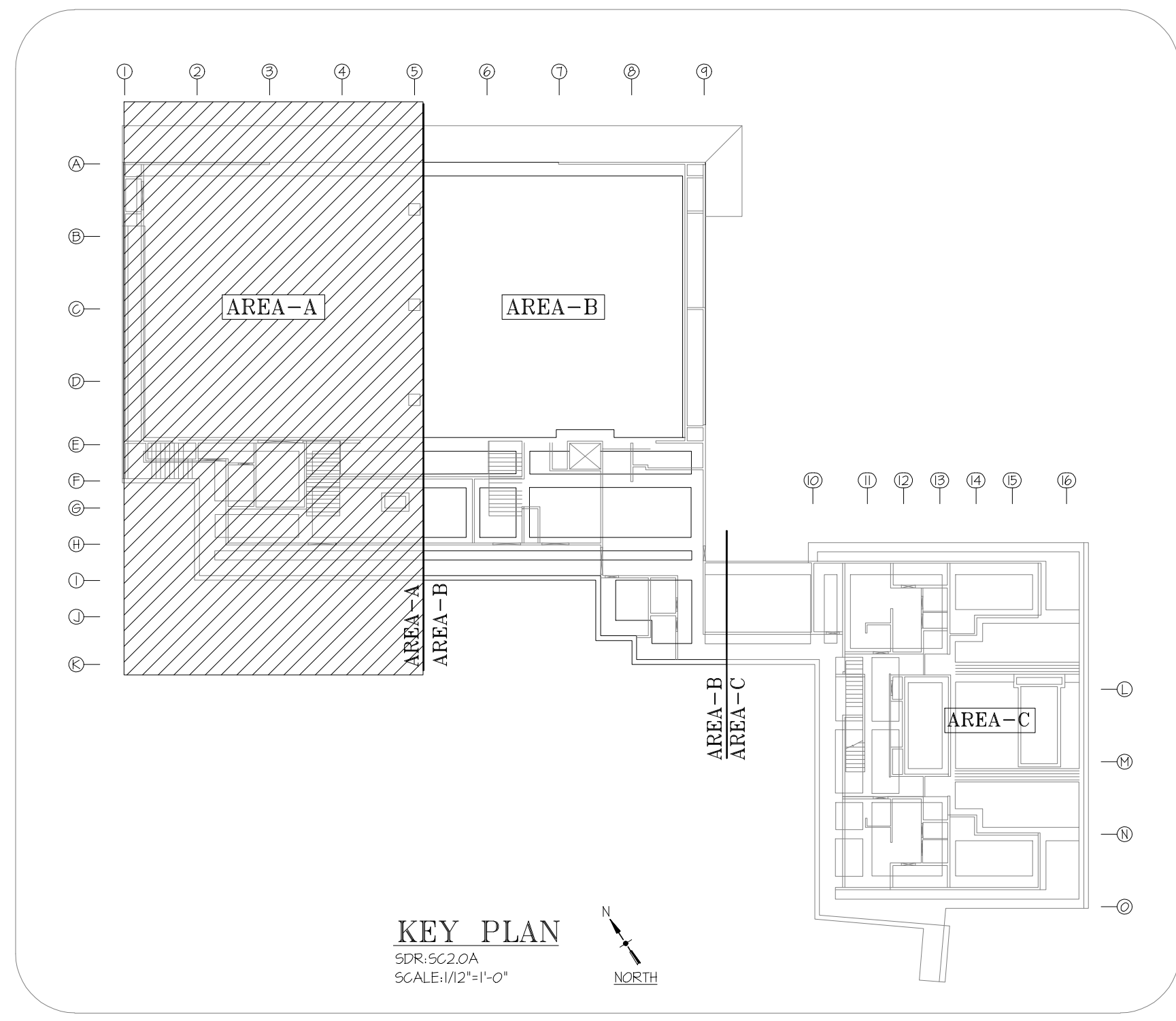
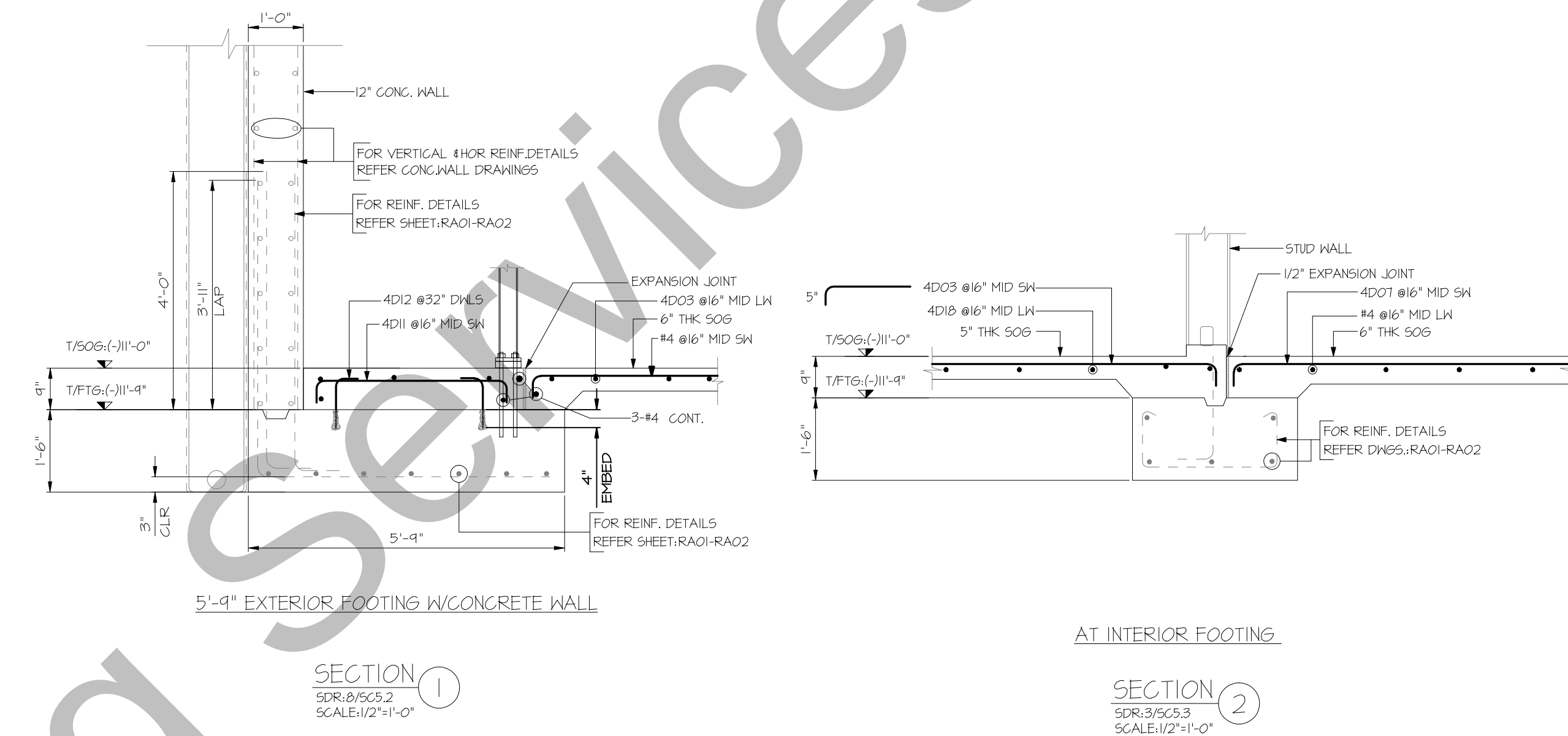
USE IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS: S-102
FOR SECTIONS SEE STRUCTURAL DRAWINGS: S-302 TO S-306

THIS PLACING DRAWING WAS PREPARED FROM ARCHITECTURE DRAWING DATED: 04/05/2012



FOR APPROVAL

ALL BARS CONFIRMING TO ASTM-A775 GRADE 60(CHROMX)



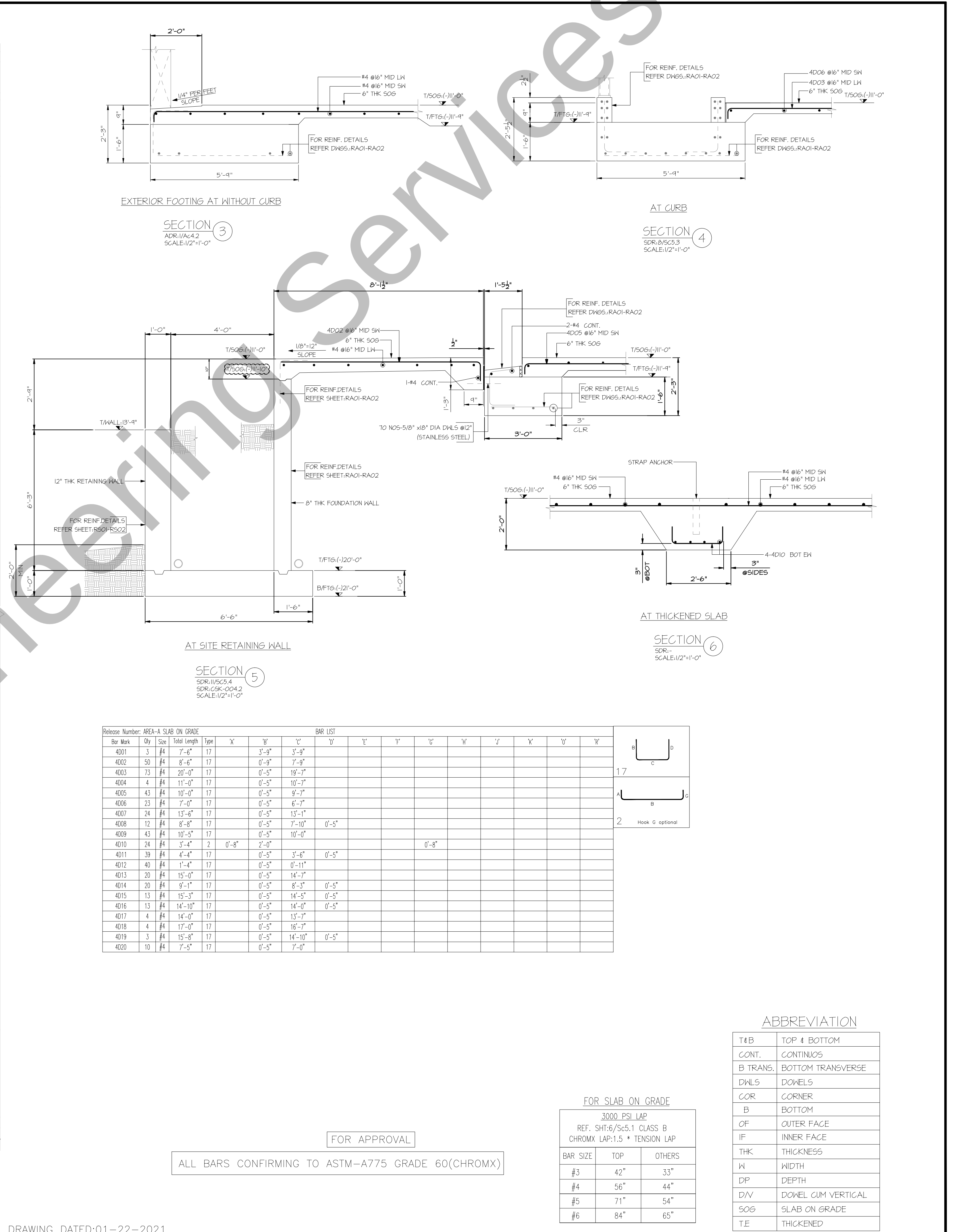
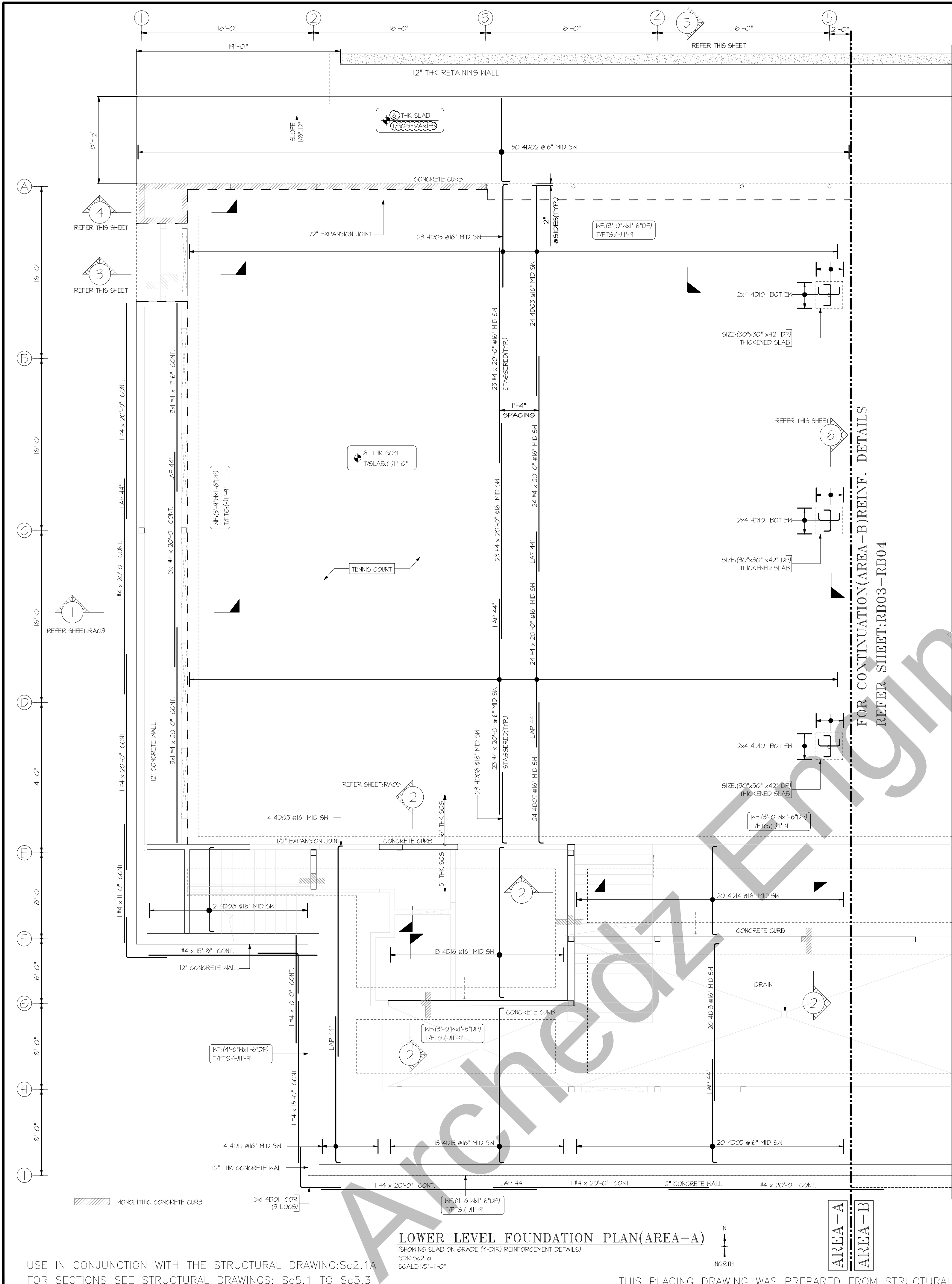
FOR SLAB ON GRADE

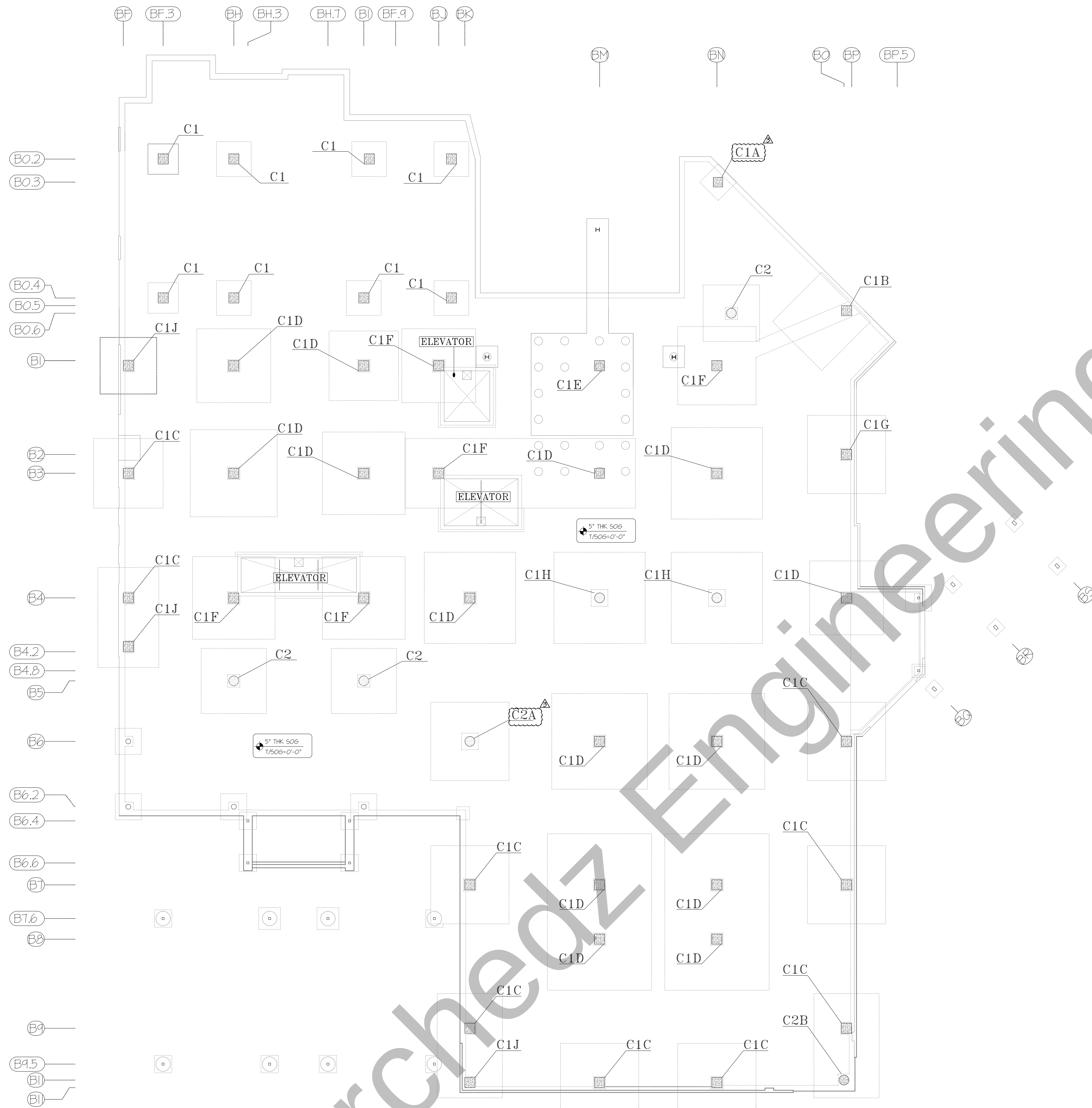
3000 PSI LAP
REF. SHT:6/SC5.1 CLASS B
CHROMX LAP:1.5 * TENSION LAP

BAR SIZE	TOP	OTHERS
#3	42"	33"
#4	56"	44"
#5	71"	54"
#6	84"	65"

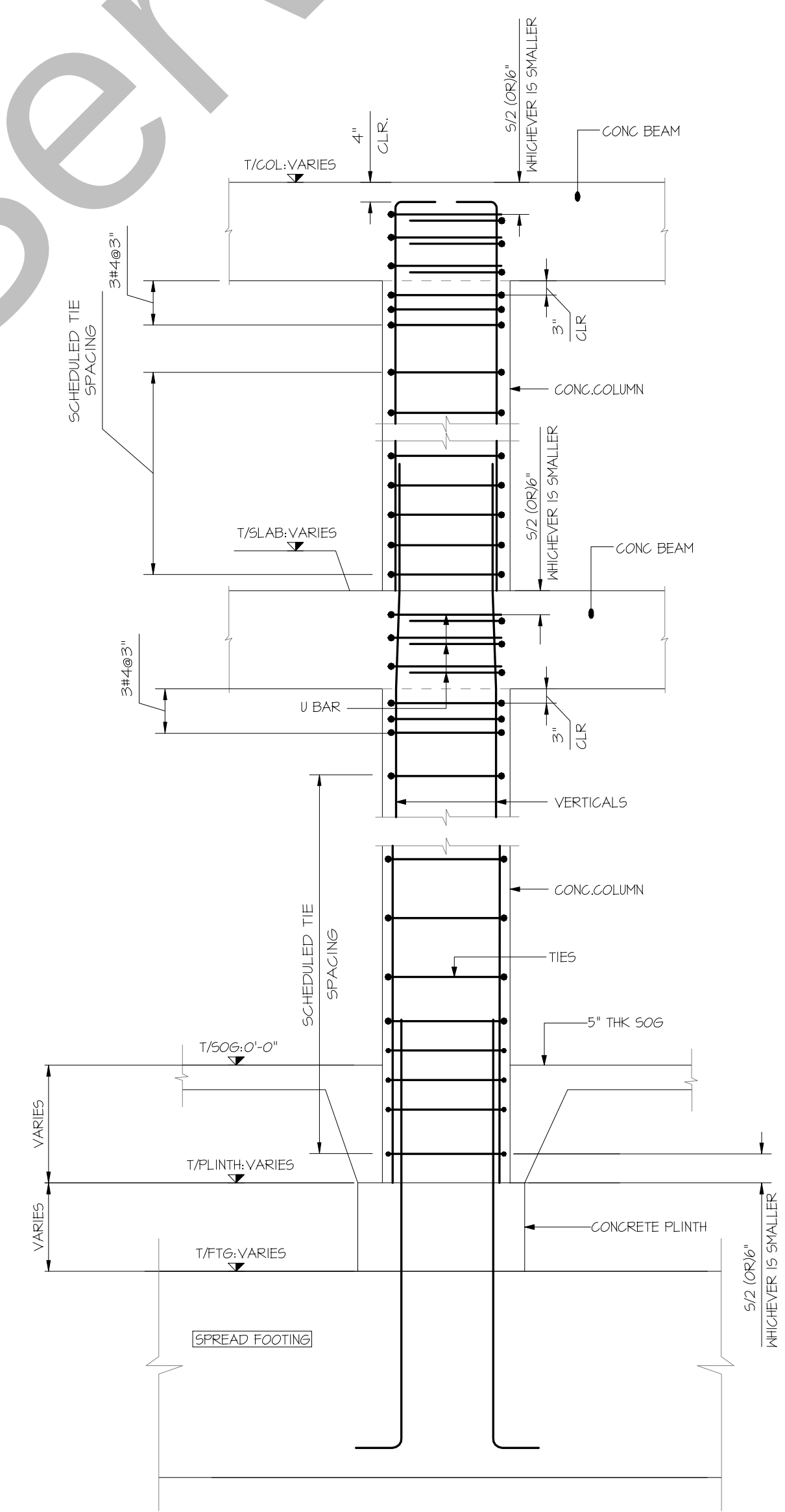
ABBREVIATION

T&B	TOP & BOTTOM
CONT.	CONTINUOUS
B TRANS.	BOTTOM TRANSVERSE
DWLS	DOWELS
COR	CORNER
B	BOTTOM
OF	OUTER FACE
IF	INNER FACE
THK	THICKNESS
W	WIDTH
DP	DEPTH
D/V	DOWEL CUM VERTICAL
SOG	SLAB ON GRADE
T.E	THICKENED





FOUNDATION PLAN - LEVEL 1
(SHOWING COLUMN MARK DETAILS)
SDR-HS-201 & HS-201A
SCALE: 1/2"=1'-0"



TYPICAL COLUMN DETAIL
SDR-HS-601
SCALE: 1/2"=1'-0"

FOR APPROVAL

#3 TO #6 BARS CONFIRMING TO ASTM-A615 GRADE 60 BLK
#7 TO #11 BARS CONFIRMING TO ASTM-A615 GRADE 80 BLK

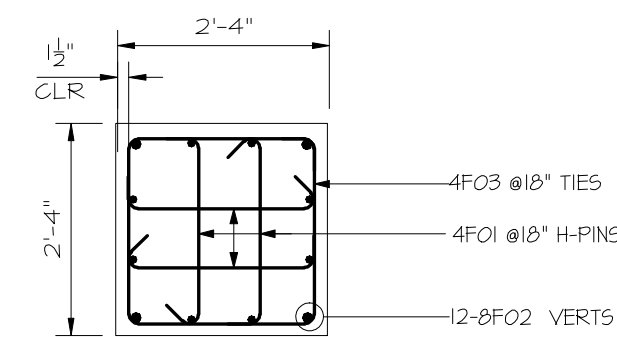
FOR COLUMNS

TENSION LAP SPLICE
6000 PSI (REFER SHT-HS-501)

BAR SIZE	LAP
#7	4'-8"
#8	5'-3"
#9	6'-0"
#10	6'-8"

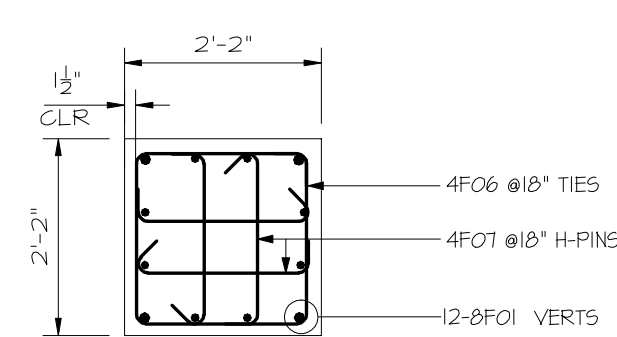
ABBREVIATIONS

SOG	SLAB ON GRADE
SDR	STRUCTURAL DRAWING
GB	GRADE BEAMS
T/GB	TOP OF GRADE BEAMS
DWLS	DOWELS
THK	THICKNESS
CLR	CLEAR COVER
VERTS	VERTICALS
LOCS	LOCATIONS



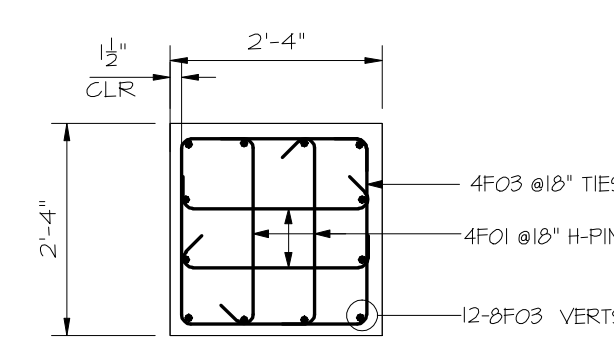
SECTION A-A

SDR:HS-601
SIZE:28"x28"
SCALE:1/2"=1'-0"



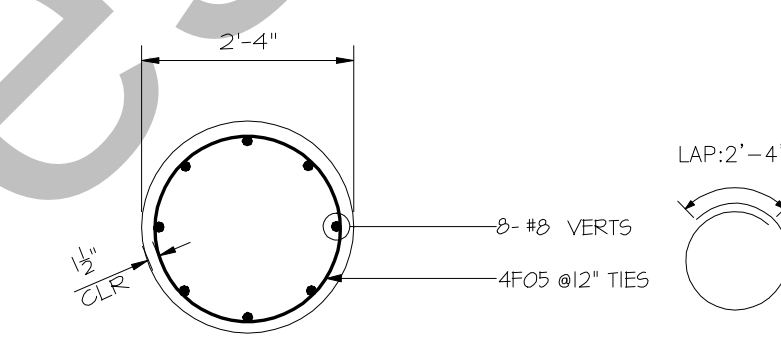
SECTION B-B

SDR:HS-404
SIZE:28"x28"
SCALE:1/2"=1'-0"



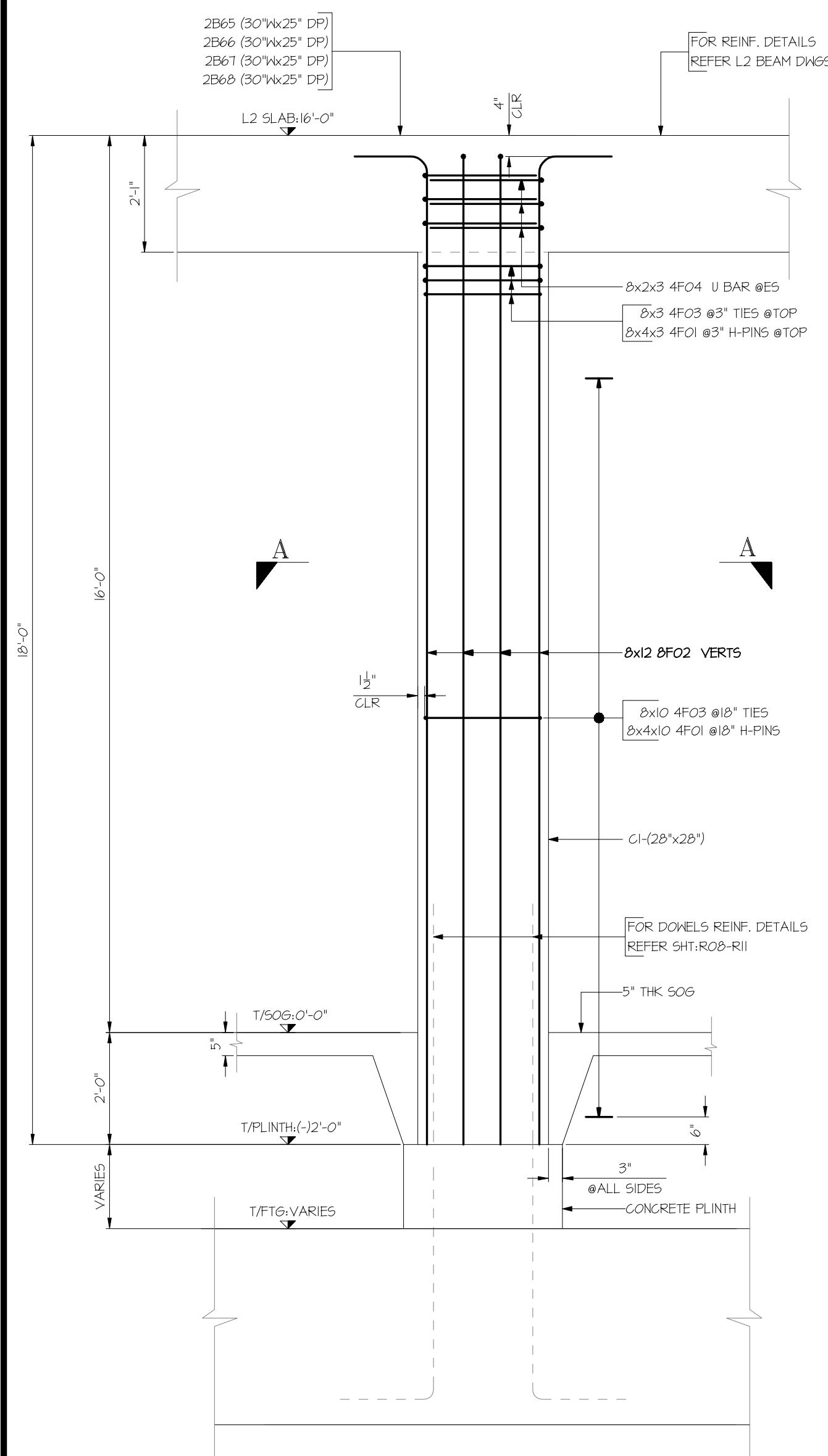
SECTION C-C

SDR:HS-601
SIZE:28"x28"
SCALE:1/2"=1'-0"



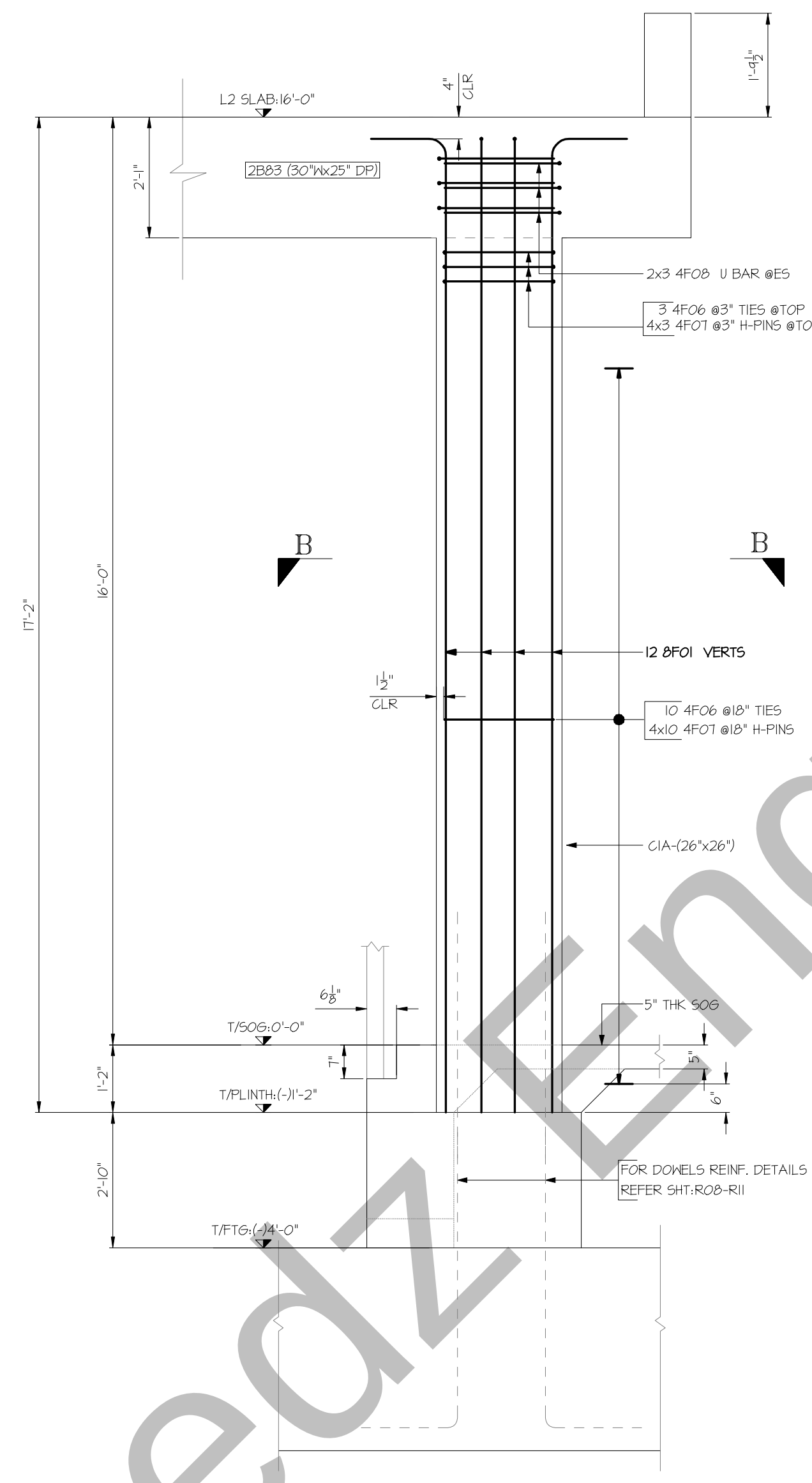
SECTION D-D

SDR:HS-601
C2-(28" DIA)
SCALE:1/2"=1'-0"



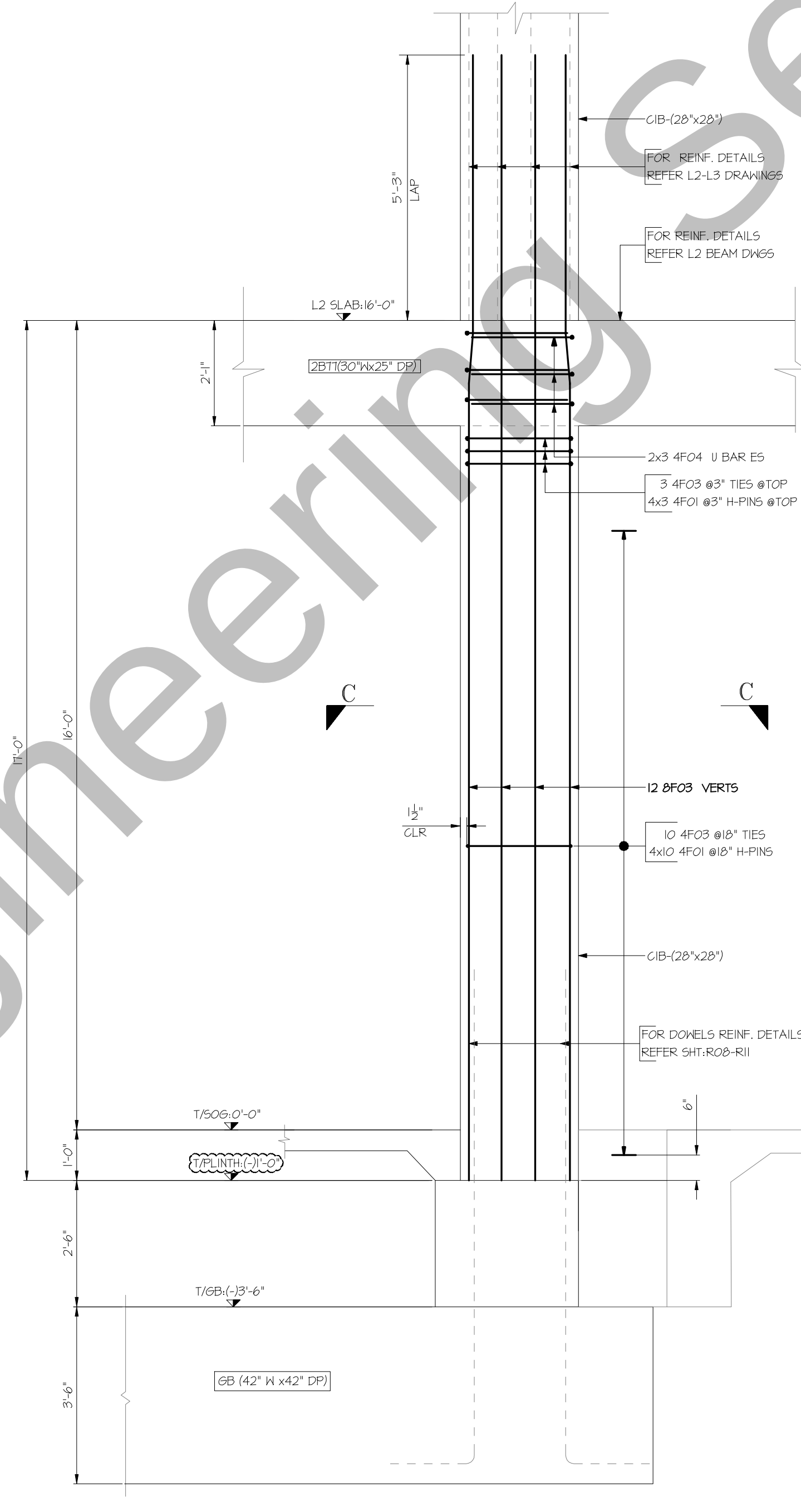
COLUMN-C1

SDR:HS-201HS-201A HS-601
SIZE:28"x28"
(8 LOC'S)
SCALE:1/2"=1'-0"



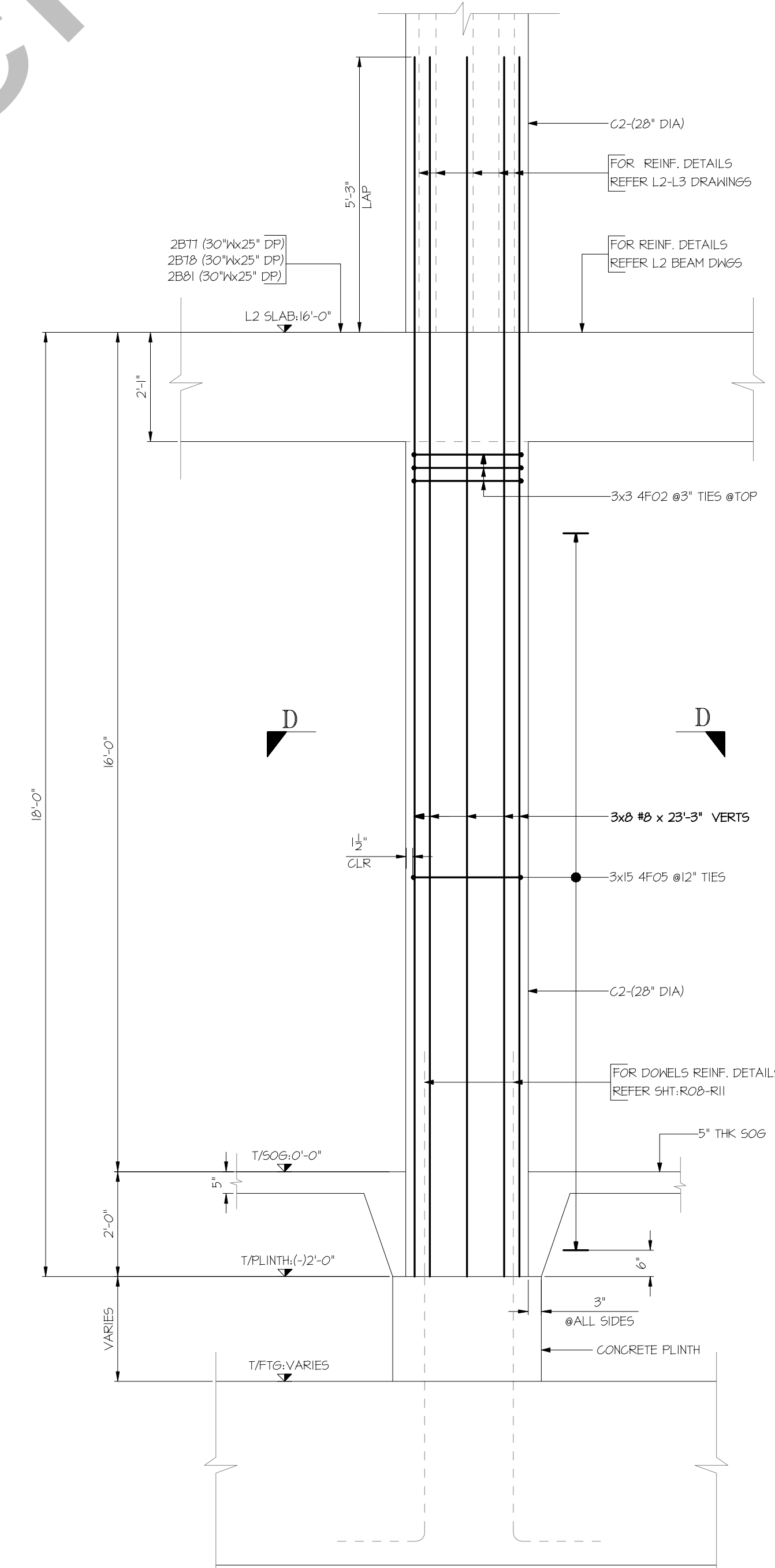
COLUMN-C1A

SDR:HS-201HS-201A HS-601
SIZE:28"x28"
SCALE:1/2"=1'-0"



COLUMN-C1B

SDR:HS-201HS-201A HS-601
SDR:HS-300
SIZE:28"x28"
SCALE:1/2"=1'-0"



COLUMN-C2

SDR:HS-201HS-201A HS-601
SIZE:28"x28"
(8 LOC'S)
SCALE:1/2"=1'-0"

FOR APPROVAL

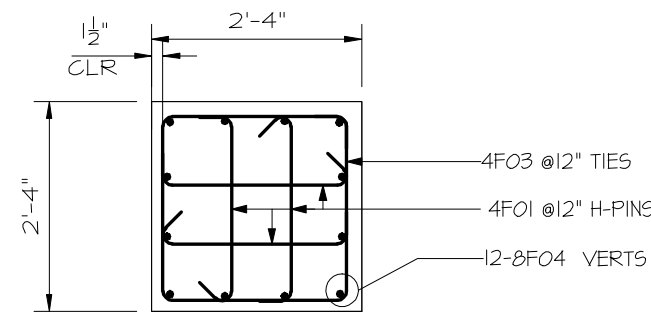
#3 TO #6 BARS CONFIRMING TO ASTM-A615 GRADE 60 BLK
#7 TO #11 BARS CONFIRMING TO ASTM-A615 GRADE 80 BLK

ABBREVIATIONS

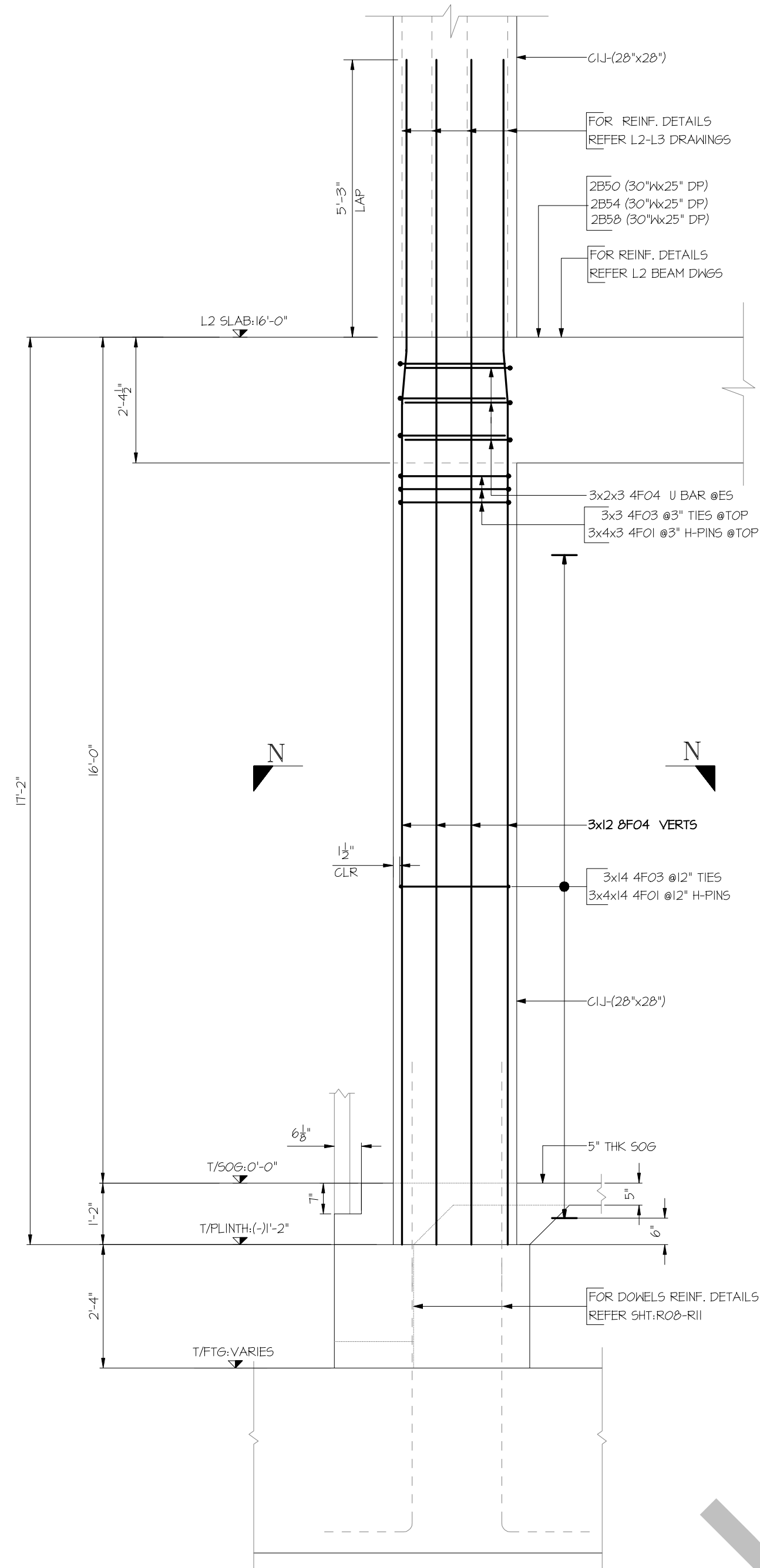
FOR COLUMNS

BAR SIZE	LAP
#7	4'-8"
#8	5'-3"
#9	6'-0"
#10	6'-8"

SOG	SLAB ON GRADE
SDR	STRUCTURAL DRAWING
GB	GRADE BEAMS
T/GB	TOP OF GRADE BEAMS
DWL5	DOWELS
THK	THICKNESS
CLR	CLEAR COVER
VERTS	VERTICALS
LOC'S	LOCATIONS



SECTION N-N
SDR:HS-601
SIZE:28"x28"
SCALE:1/2"=1'-0"



COLUMN-C1J
SDR:HS-201/HS-201A 4HS-601
SIZE:28"x28"
(3 LOC'S)
SCALE:1/2"=1'-0"

Release Number: COLUMN (TUN-L2)(GRADE 60)				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'
4F01	2772	#4	2'-11"	19	0'-5"	2'-1"									
4F02	21	#4	8'-1"	13			6'-2"								2'-1"
4F03	833	#4	8'-2"	12	0'-5"	2'-1"	2'-1"	2'-1"							
4F04	252	#4	6'-1"	17			2'-0"	2'-0"							
4F05	104	#4	8'-11"	13			6'-2"								2'-1"
4F06	13	#4	8'-5"	12	0'-5"	1'-11"	1'-11"	1'-11"							
4F07	52	#4	2'-9"	19	0'-5"	1'-11"									
4F08	6	#4	5'-11"	17			2'-0"	1'-11"	2'-0"						

T9

A

B

C

T3

Lap=0

C=Circumference

T2

A

B

C

D

E

F

G

Hooks A & G optional

17

A

B

C

D

E

F

G

Release Number: COLUMN (TUN-L2)(GRADE 60)				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'
8F01	12	#8	18'-2"	2	1'-4"	16'-10"									
8F02	96	#8	19'-0"	2	1'-4"	17'-8"									
8F03	72	#8	22'-4"	31	5'-6"	1'-1"	15'-9"					0'-2"		1'-0"	22'-3"
8F04	168	#8	22'-6"	31	5'-6"	1'-1"	15'-11"					0'-2"		1'-0"	22'-5"
8F05	168	#8	23'-4"	31	5'-6"	1'-1"	16'-9"					0'-2"		1'-0"	23'-3"

2

A

B

C

D

E

F

G

Hook G optional

31

A

B

C

D

E

F

G

FOR APPROVAL

#3 TO #6 BARS CONFIRMING TO ASTM-A615 GRADE 60 BLK

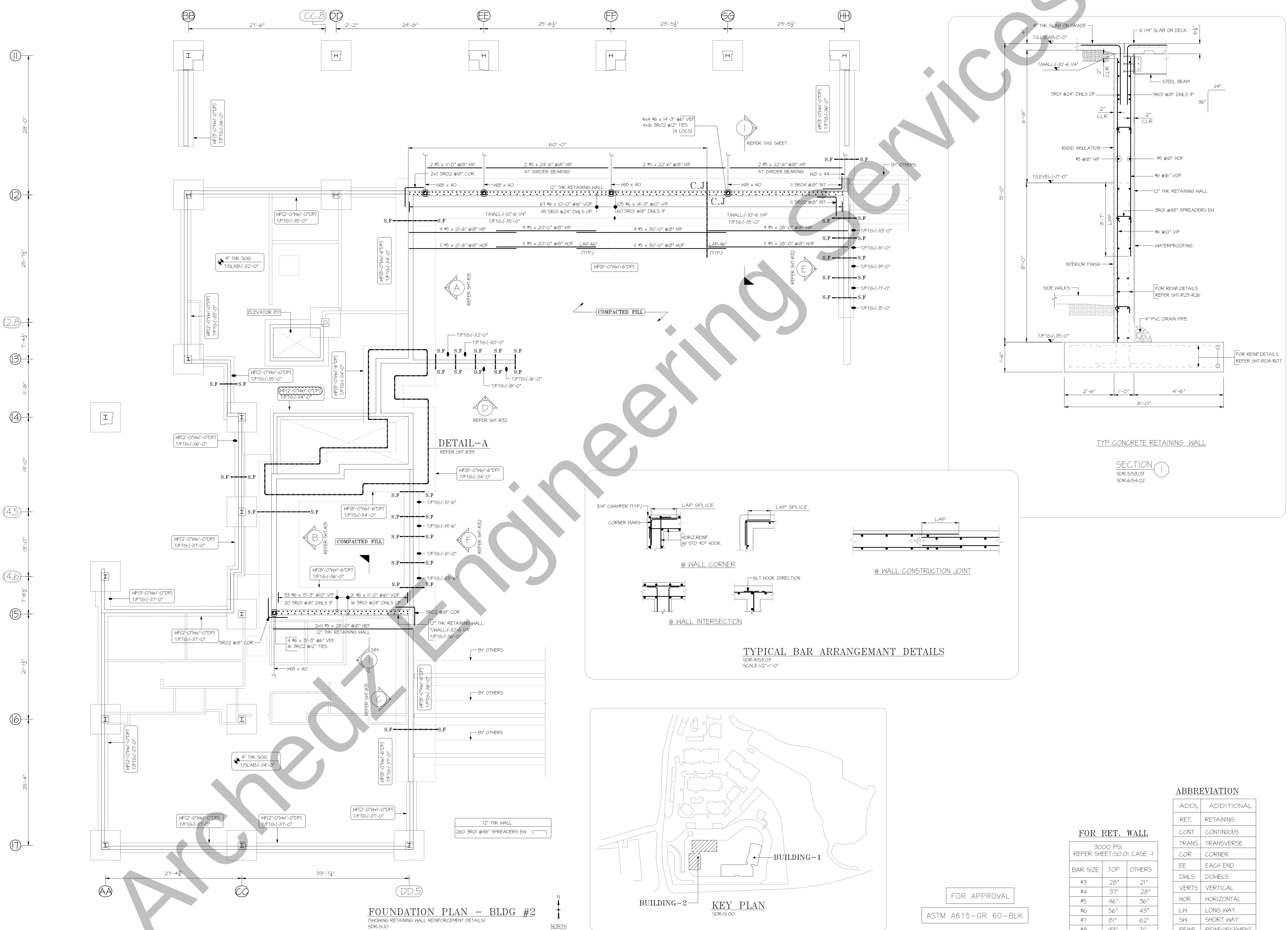
#7 TO #11 BARS CONFIRMING TO ASTM-A615 GRADE 80 BLK

FOR COLUMNS

TENSION LAP SPLICE 6000 PSI (REFER SHT:HS-501)	
BAR SIZE	LAP
#7	4'-8"
#8	5'-3"
#9	6'-0"
#10	6'-8"

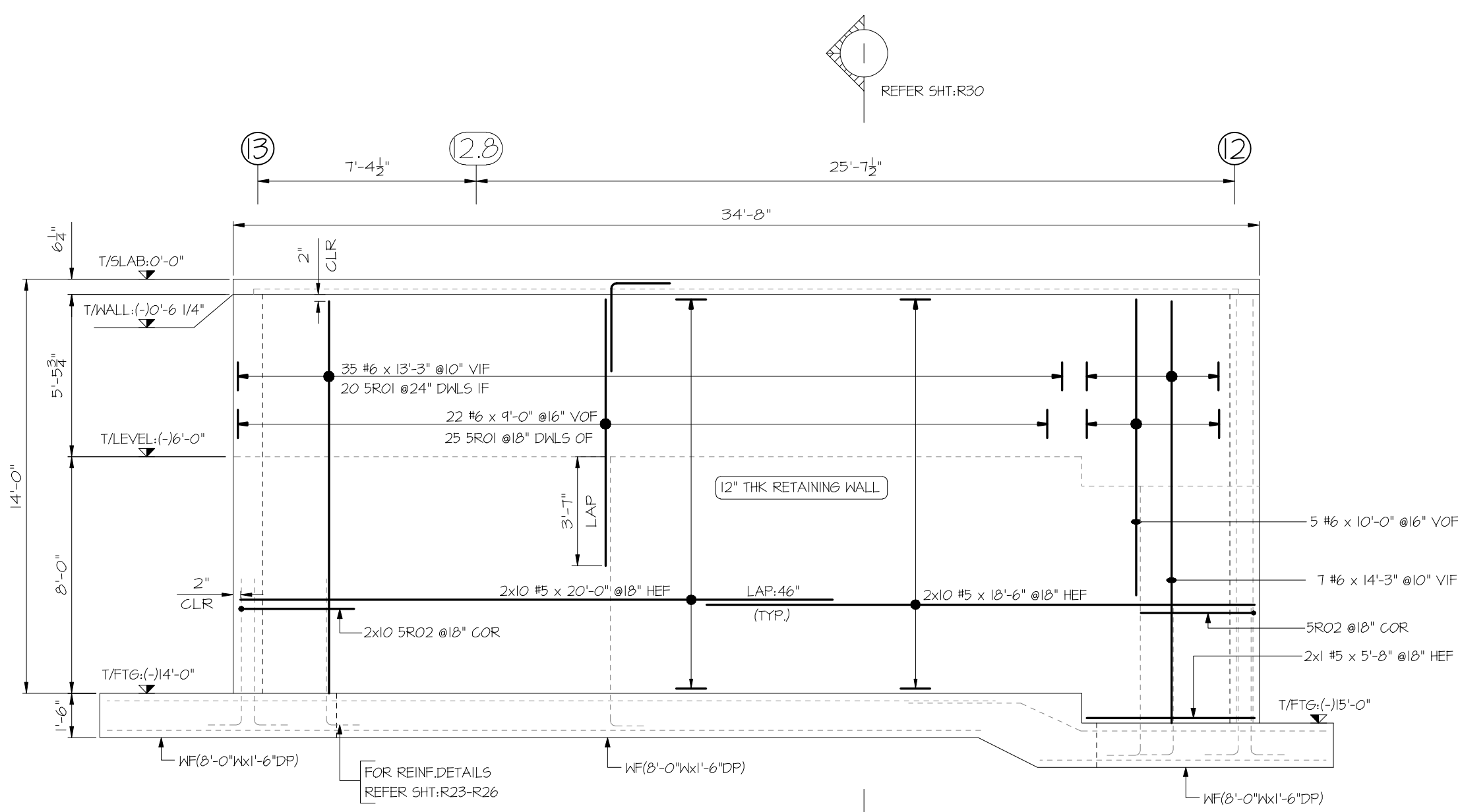
ABBREVIATIONS

SOG	SLAB ON GRADE
SDR	STRUCTURAL DRAWING
GB	GRADE BEAMS
T/GB	TOP OF GRADE BEAMS
DWLS	DOWELS
THK	THICKNESS
CLR.	CLEAR COVER
VERTS	VERTICALS
LOCS	LOCATIONS

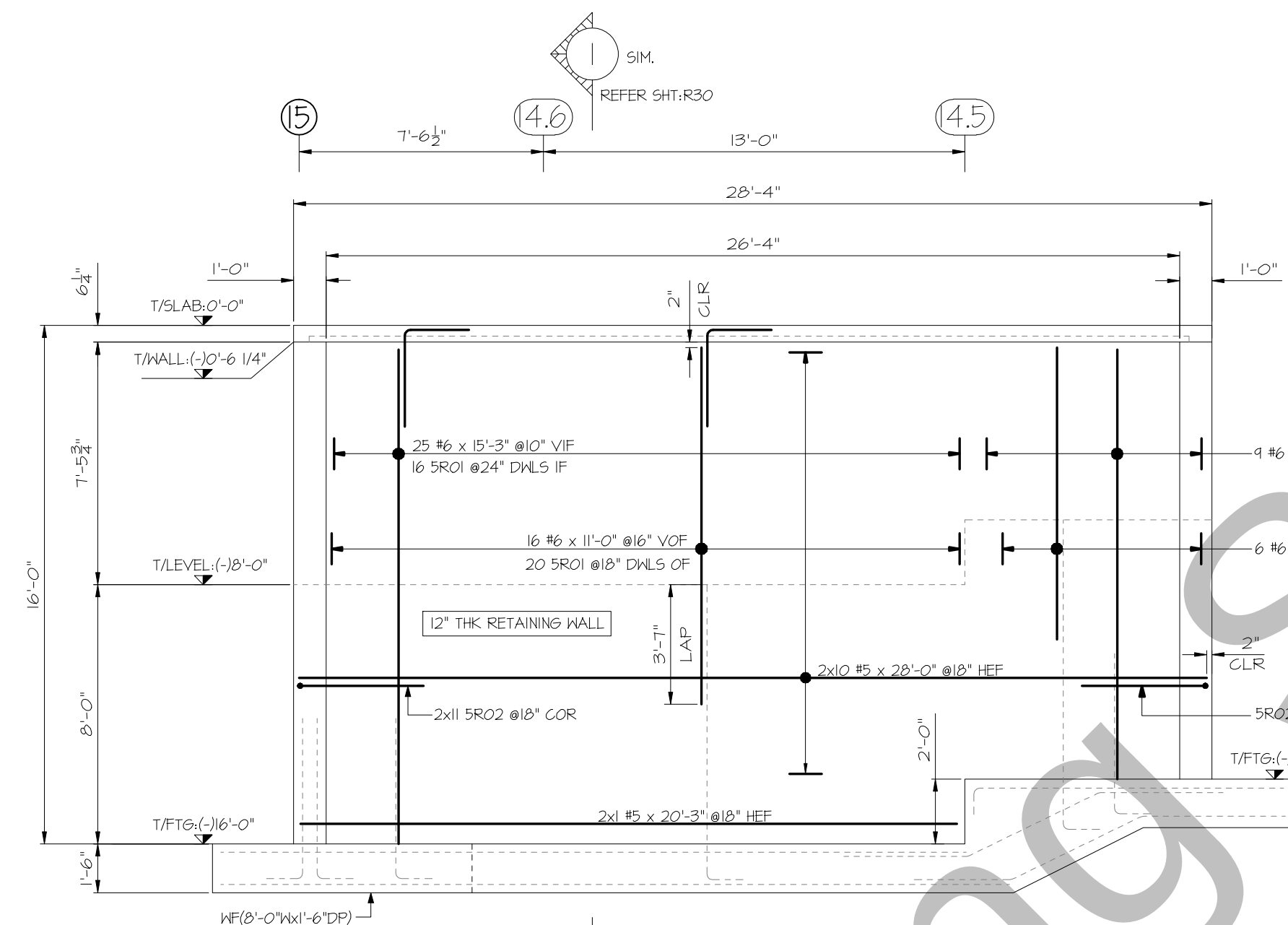


USE IN CONJUNCTION WITH THE STRUCTURAL DRAWING: S1.10
FOR SECTIONS SEE STRUCTURAL DRAWING: S3.1 THRU S3.4

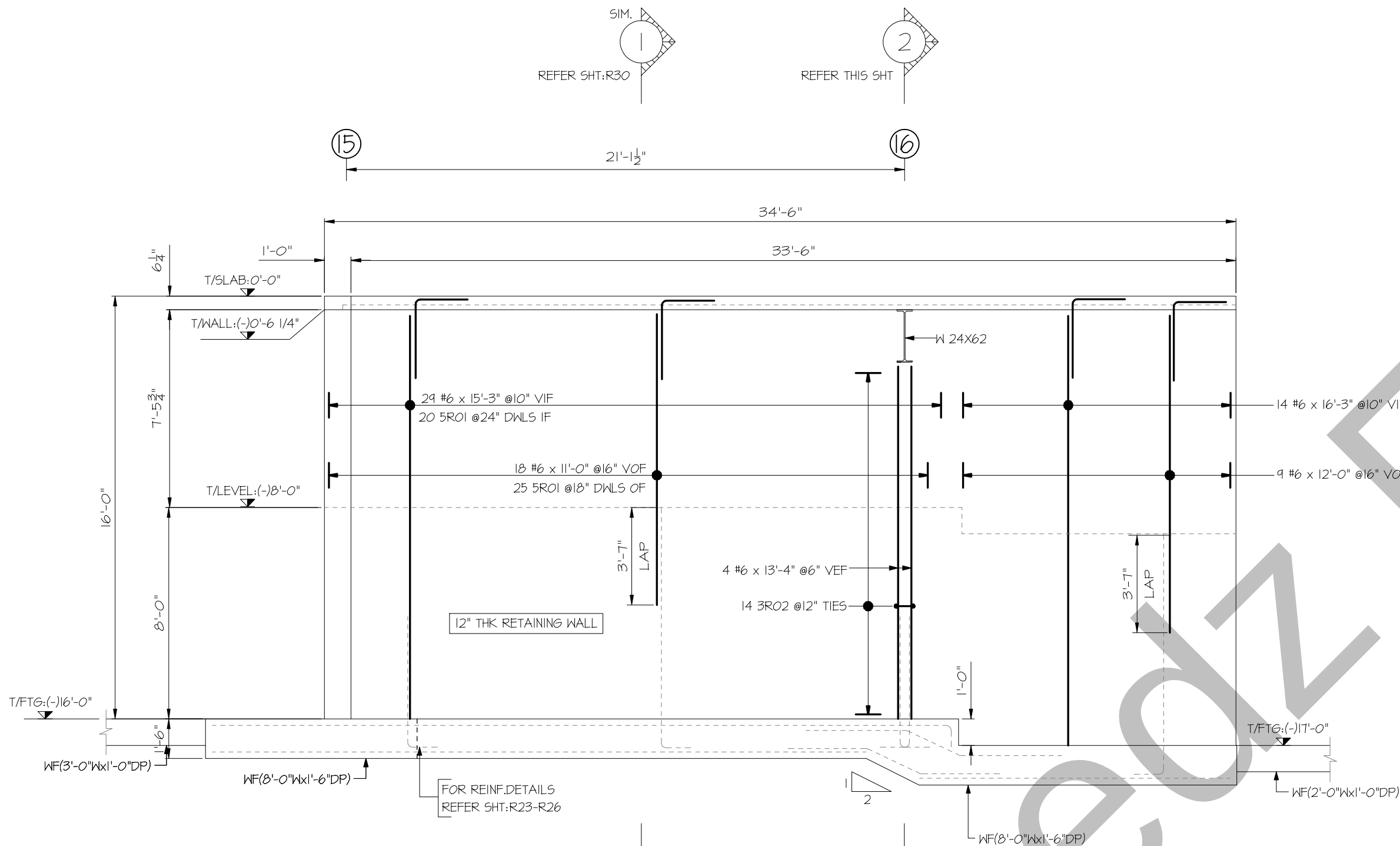
THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED : 02-21-20 (ADD #1)



ELEVATION-A
(SHOWING RETAINING WALL REINF. DETAILS)
SOR:51.045/53.03
SOR:7154.02
SCALE:1/4"=1'-0"

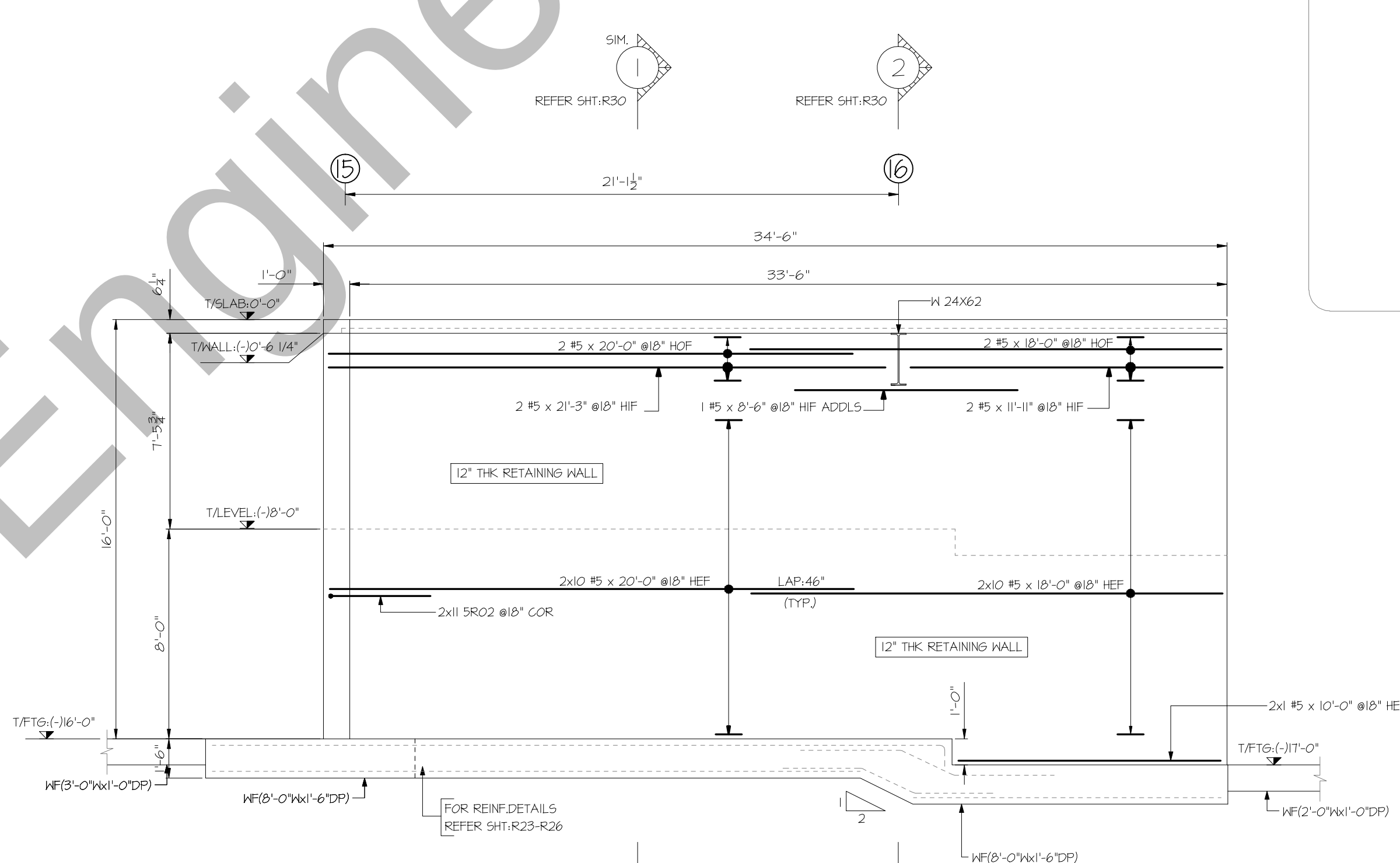


ELEVATION-B
(SHOWING RETAINING WALL REINF. DETAILS)
SOR:51.045/53.03
SOR:7154.02
SCALE:1/4"=1'-0"

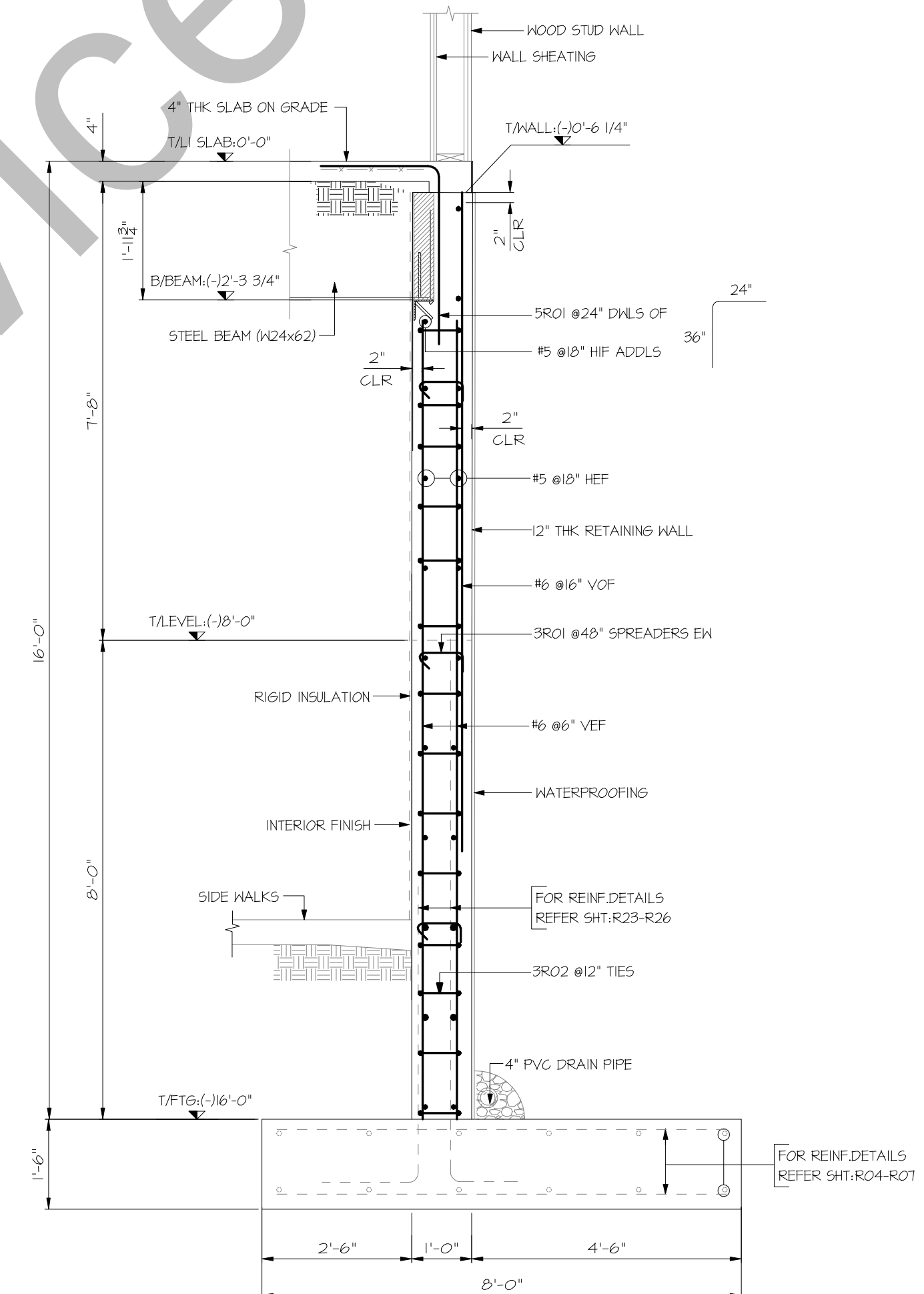


SHOWING VERTICAL REINFORCEMENT DETAILS

ELEVATION-C
SOR:51.045/53.03
SCALE:1/4"=1'-0"



SHOWING HORIZONTAL REINFORCEMENT DETAILS



RETAINING WALL AT GIRDER BEARING

SECTION 2
SOR:5/53.03
SOR:6/54.02

ABBREVIATION

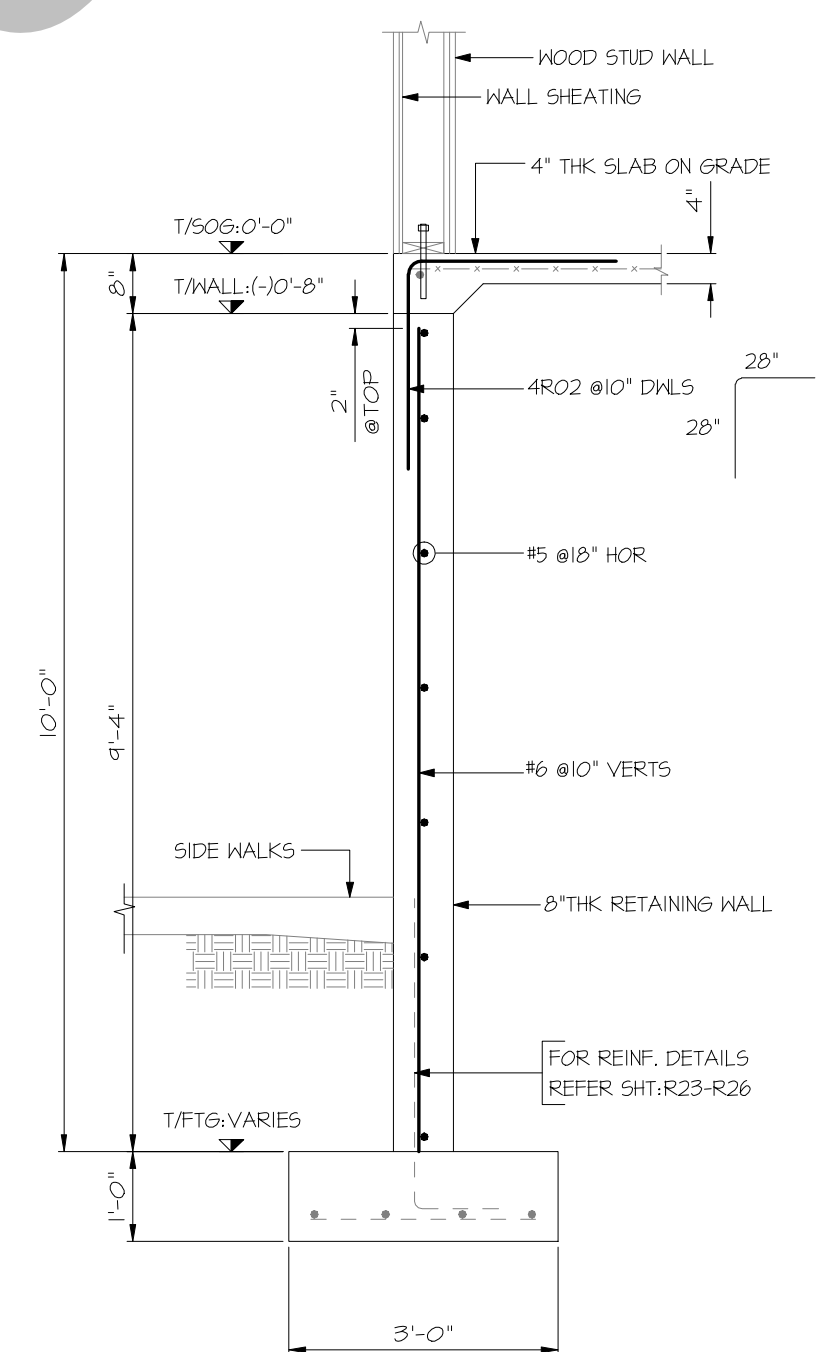
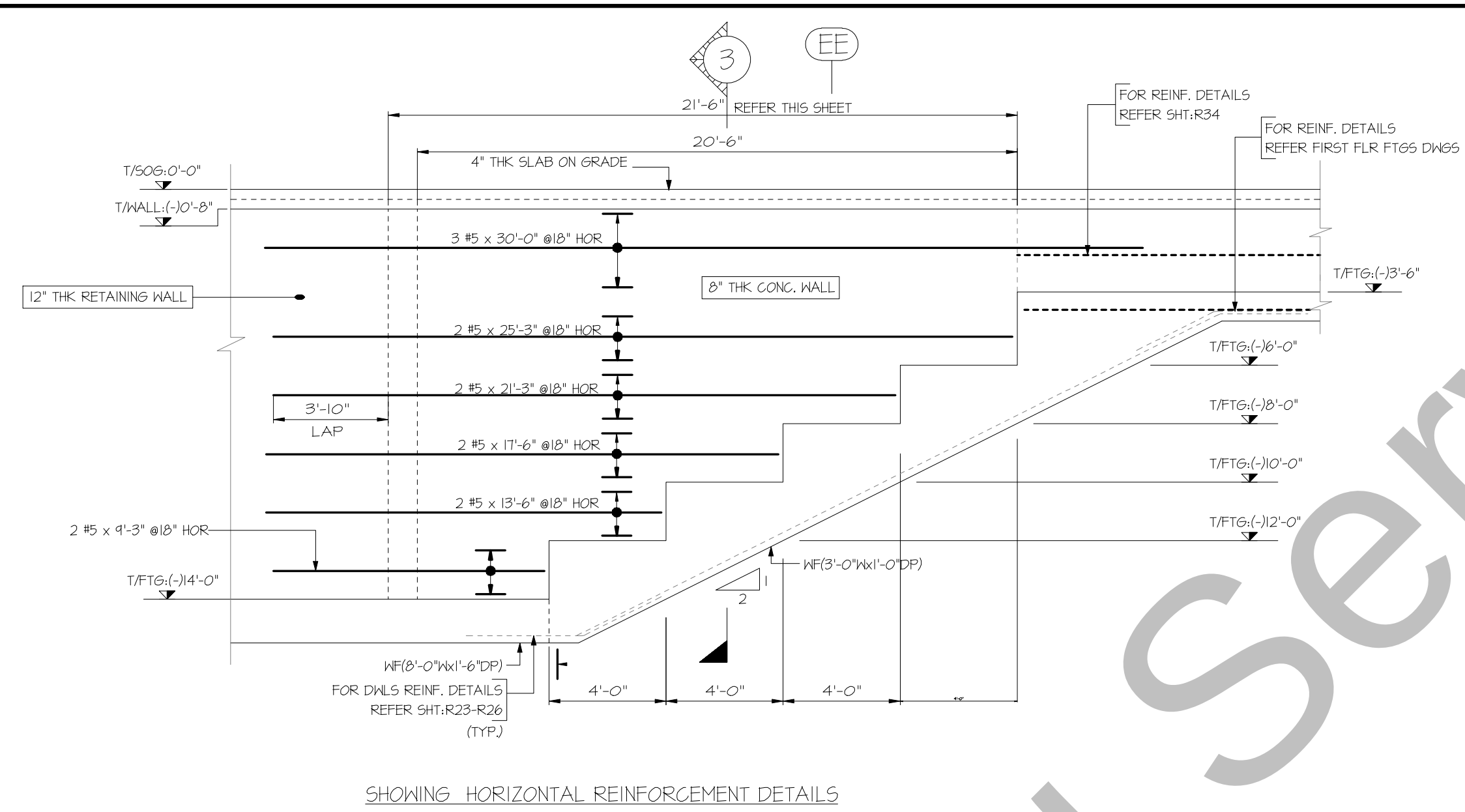
ADDL	ADDITIONAL
RET.	RETAINING
CONT.	CONTINUOUS
TRANS.	TRANSVERSE
COR	CORNER
EE	EACH END
DWLS	DOWELS
VERTS	VERTICAL
HOR	HORIZONTAL
LW	LONG WAY
SW	SHORT WAY
REINF.	REINFORCEMENT

FOR RET. WALLS

3000 PSI REFER SHEET:50.01 CASE -I		
BAR SIZE	TOP	OTHERS
#3	28"	21"
#4	31"	28"
#5	46"	36"
#6	56"	43"
#7	81"	62"
#8	93"	71"

FOR APPROVAL

ASTM A615-GR 60-BLK



SECTION 3
SDR: 4/53.02

[illegible][illegible]

Technical drawing showing concrete wall vertical reinforcement details. The drawing includes a plan view of a wall section with various reinforcement bars and dimensions. Key dimensions include a total width of 16'-0" and a height of 15'-4". Reinforcement details include 5 #6 x 8'-8" @ 10" VERTS, 7 #6 x 15'-2" @ 10" VERTS, 6 #6 x 12'-8" @ 10" VERTS, and 7 #6 x 10'-2" @ 10" VERTS. The drawing also shows a 12" THK RETAINING WALL and a 8" THK CONC. WALL. Reinforcement bars are labeled with callouts like T/F(6)-(-)11'-0", T/F(6)-(-)13'-6", T/F(6)-(-)16'-0", T/F(6)-(-)14'-6", and T/F(6)-(-)14'-0". The drawing is titled "SHOWING CONCRETE WALL VERTICAL REINF. DETAILS" and "ELEV. 5DR(S)1013 SCALE:1/4"=1'-0"

SHOWING HORIZONTAL REINFORCEMENT DETAILS

SECTION- E

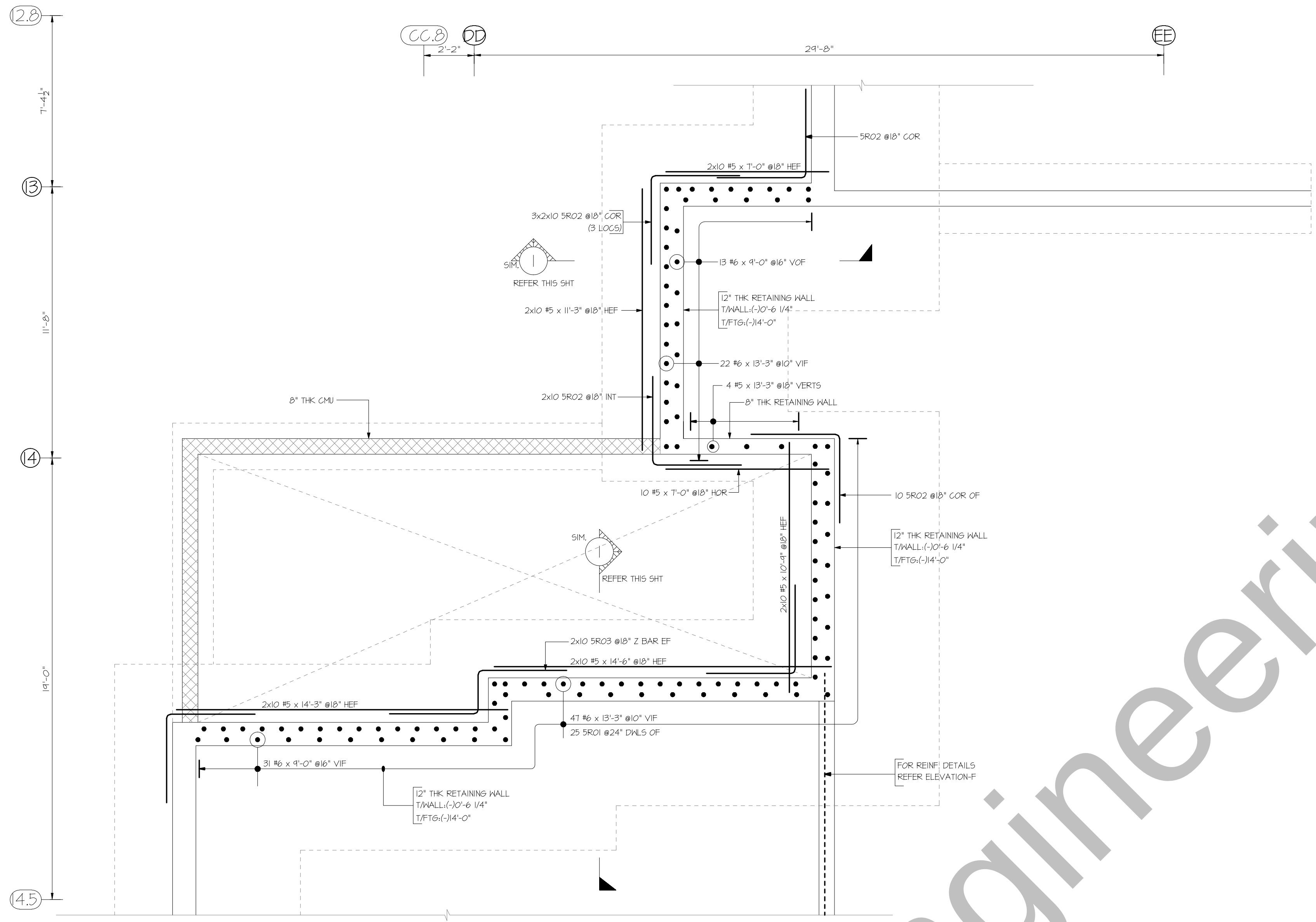
53.01
1'-0"

SECTION- F

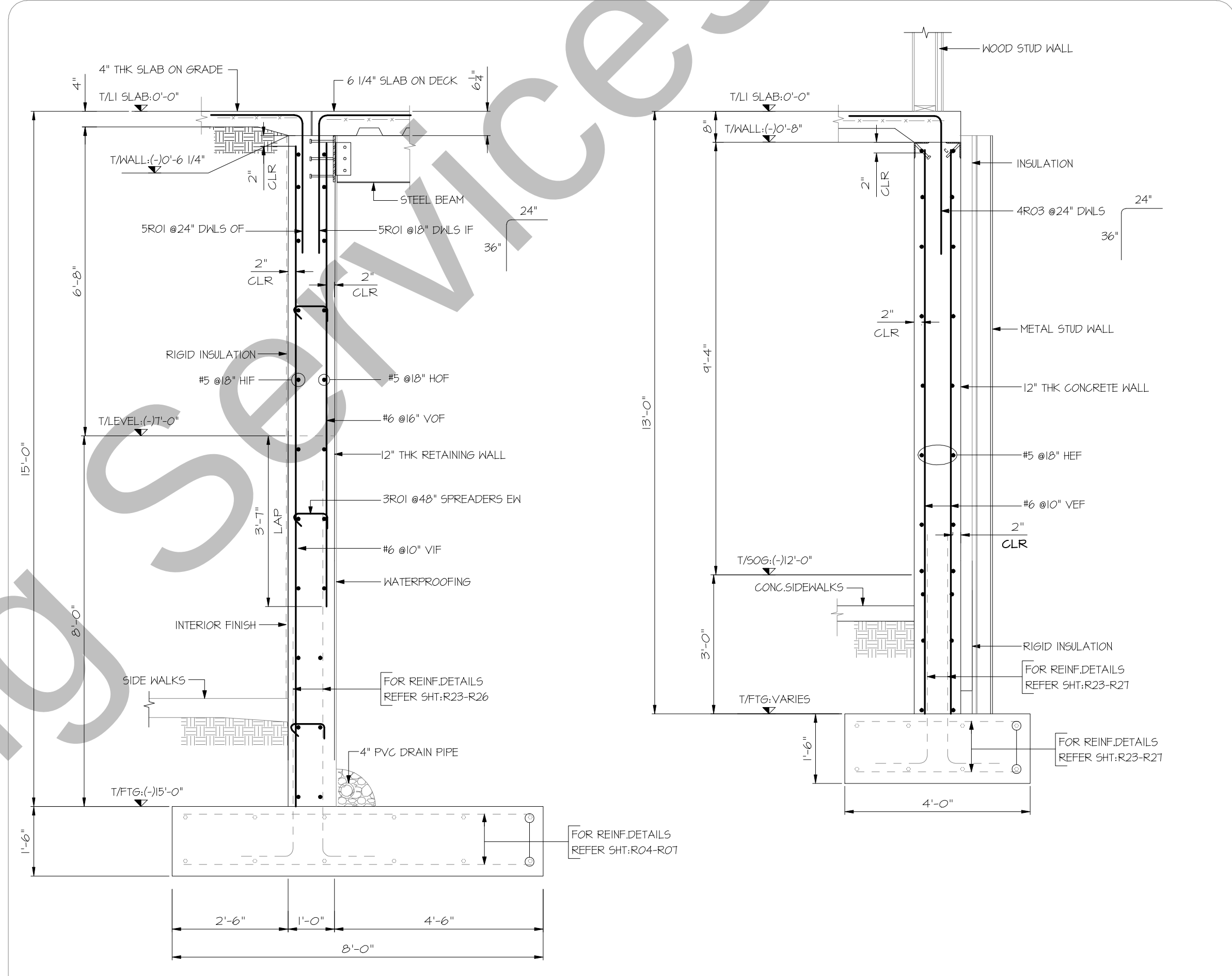
ELEVATION—F
SDR:SI.1043/53.01
SCALE:1/4"=1'-0"

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED : 02-21-20 (ADD #1)

ABBREVIATION	
ADDL.	ADDITIONAL
RET.	RETAINING
CONT.	CONTINUOUS
TRANS.	TRANSVERSE
COR.	CORNER
EE	EACH END
DWLS	DOWELS
VERTS	VERTICAL
HOR.	HORIZONTAL
LW	LONG WAY
SW	SHORT WAY
REINF.	REINFORCEMENT



DETAIL-F
(SHOWING RETAINING WALL REINF.DETAILS)
SDR:5/1.00



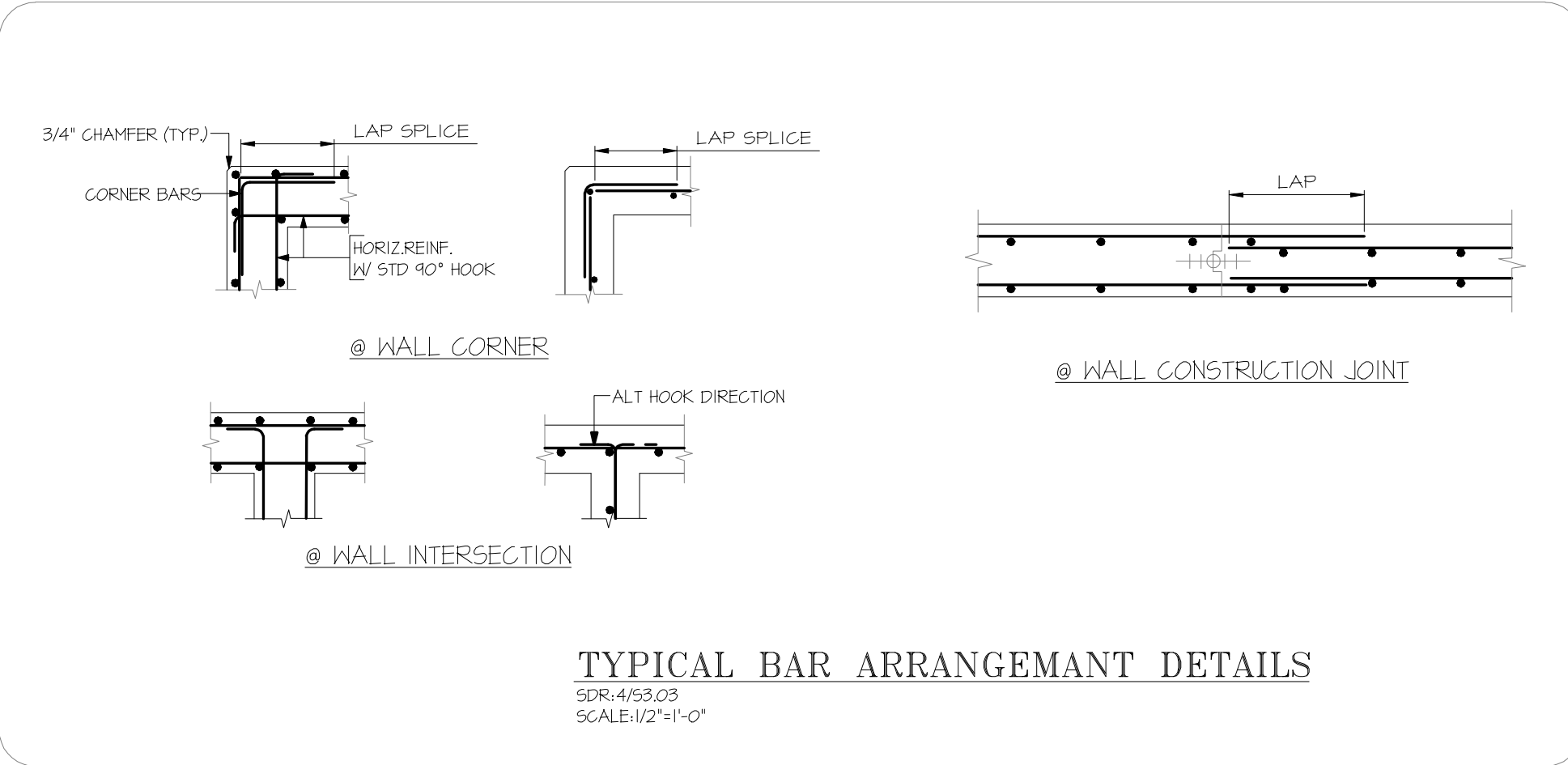
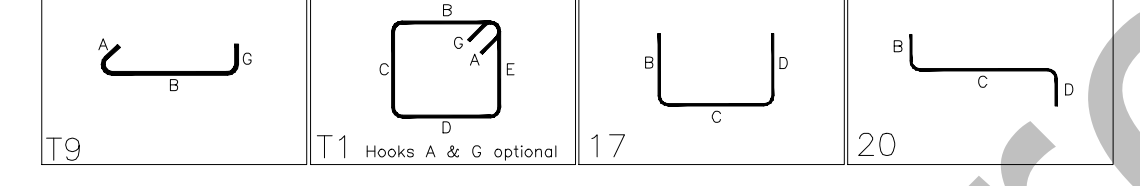
TYP CONCRETE RETAINING WALL

SECTION 1
SDR:5/53.03
SDR:6/54.02

AT 12" THK CONCRETE WALL

SECTION 2
SDR:6/53.03
SDR:10/54.02

Release Number: BUILDING-2 RETAINING WALLS				BENDING SCHEDULE											
Bar Mark	Qty	Size	Total Length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'
3R01	260	#3	1'-5"	T9	0'-4"	0'-9"					0'-4"				
3R02	94	#3	3'-4"	T1	0'-4"	0'-8"	0'-8"	0'-8"	0'-8"		0'-4"				
4R01	20	#4	4'-4"	17		2'-0"	2'-4"								
4R02	24	#4	4'-8"	17		2'-4"	2'-4"								
4R03	16	#4	5'-0"	17		2'-0"	3'-0"								
5R01	292	#5	5'-0"	17		2'-0"	3'-0"								
5R02	187	#5	7'-8"	17		3'-10"	3'-10"								
5R03	20	#5	9'-7"	20		3'-10"	1'-11"	3'-10"							
5R04	11	#5	6'-4"	17		2'-6"	3'-10"								

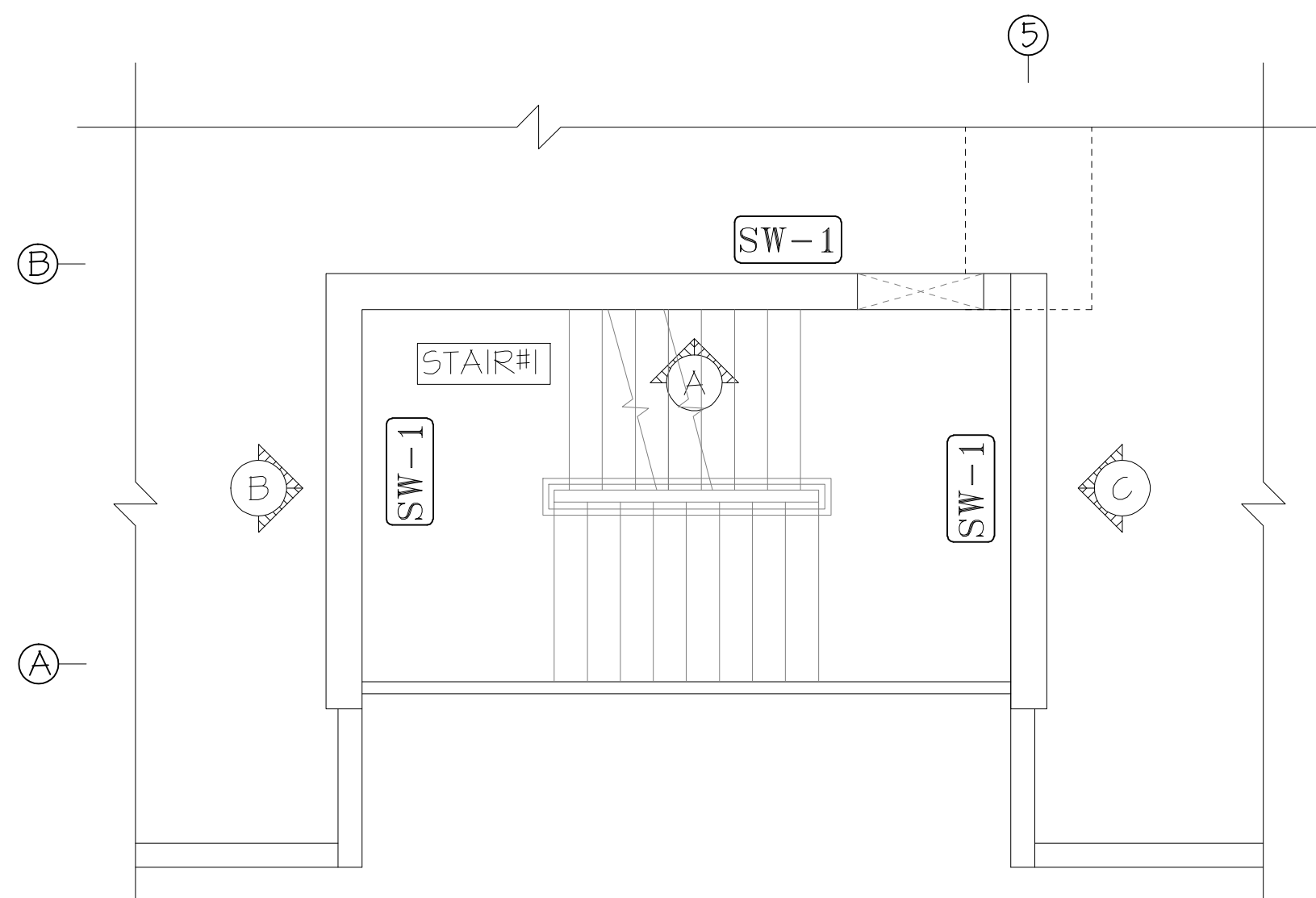


TYPICAL BAR ARRANGEMENT DETAILS
SDR:4/53.03
SCALE:1/2"=1'-0"

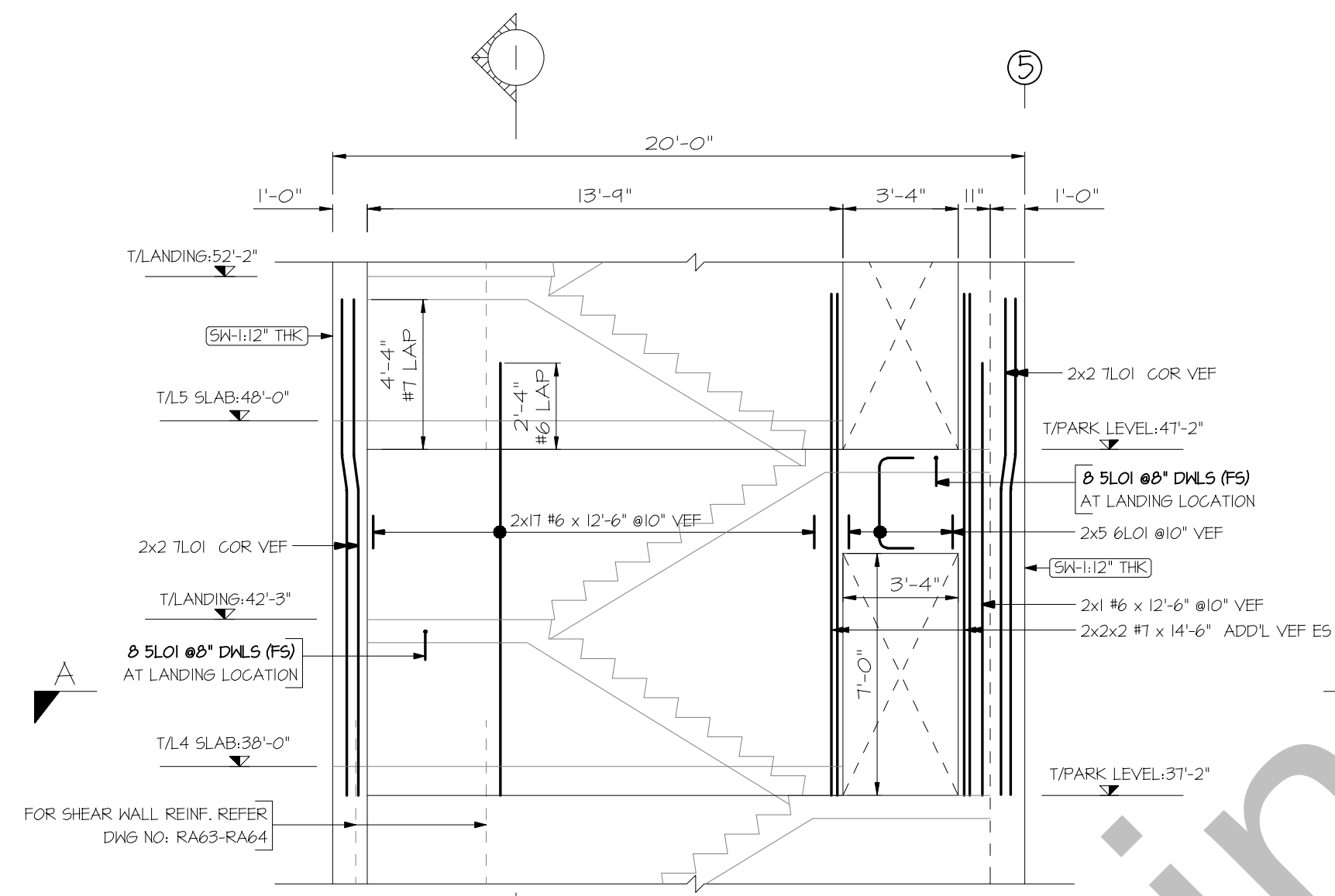
<u>FOR RET.WALLS</u>		
3000 PSI REFER SHEET:SO.01 CASE -1		
BAR SIZE	TOP	OTHERS
#3	28"	21"
#4	31"	28"
#5	46"	36"
#6	56"	43"
#7	81"	62"
#8	93"	71"

<u>ABBREVIATION</u>	
ADDL	ADDITIONAL
RET	RETAINING
CONT	CONTINUOUS
TRANS.	TRANSVERSE
COR	CORNER
EE	EACH END
DWLS	DOWELS
VERTS	VERTICAL
HOR	HORIZONTAL
LW	LONG WAY
SW	SHORT WAY
REINF.	REINFORCEMENT

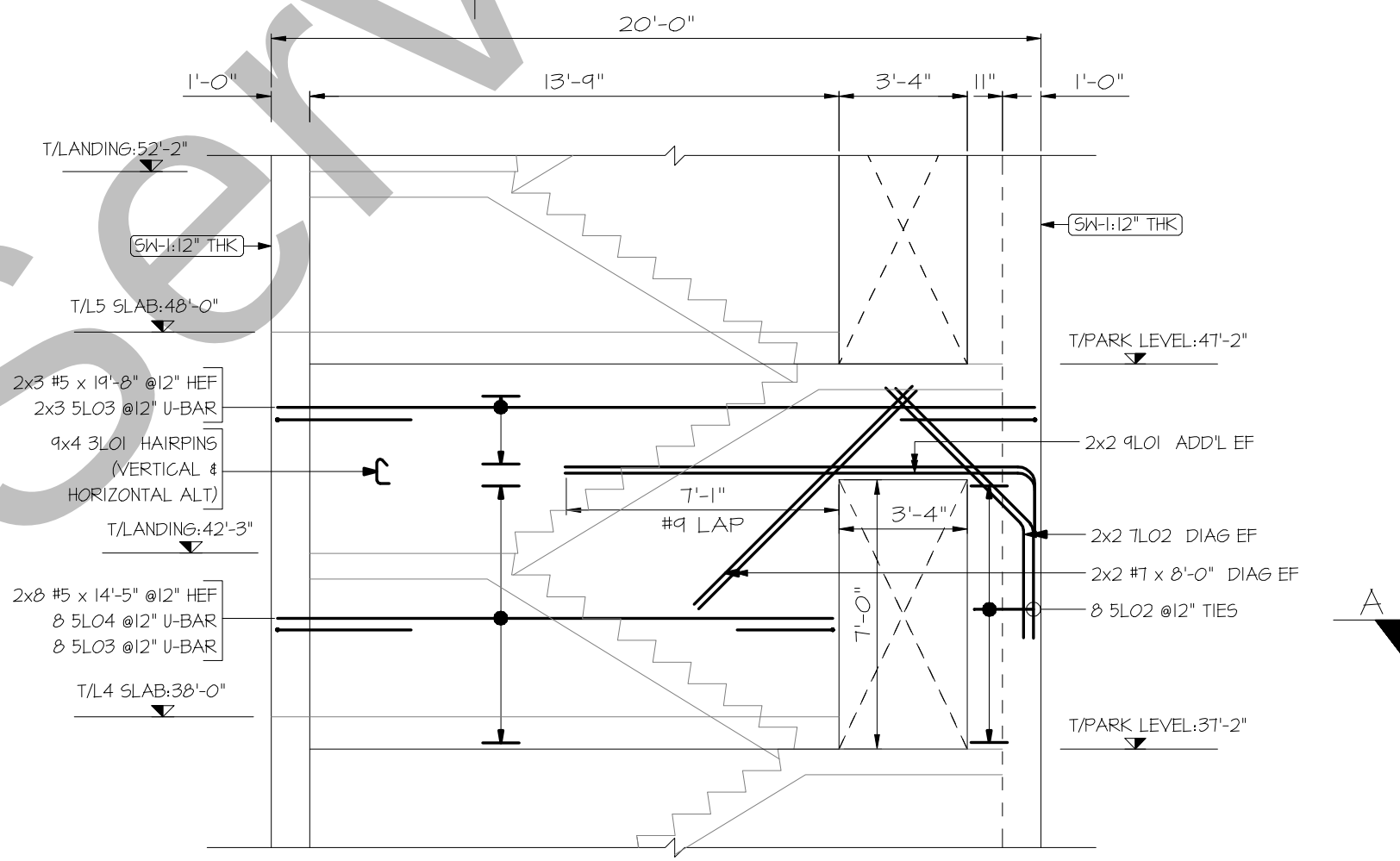
FOR APPROVAL
ASTM A615-GR 60-BLK



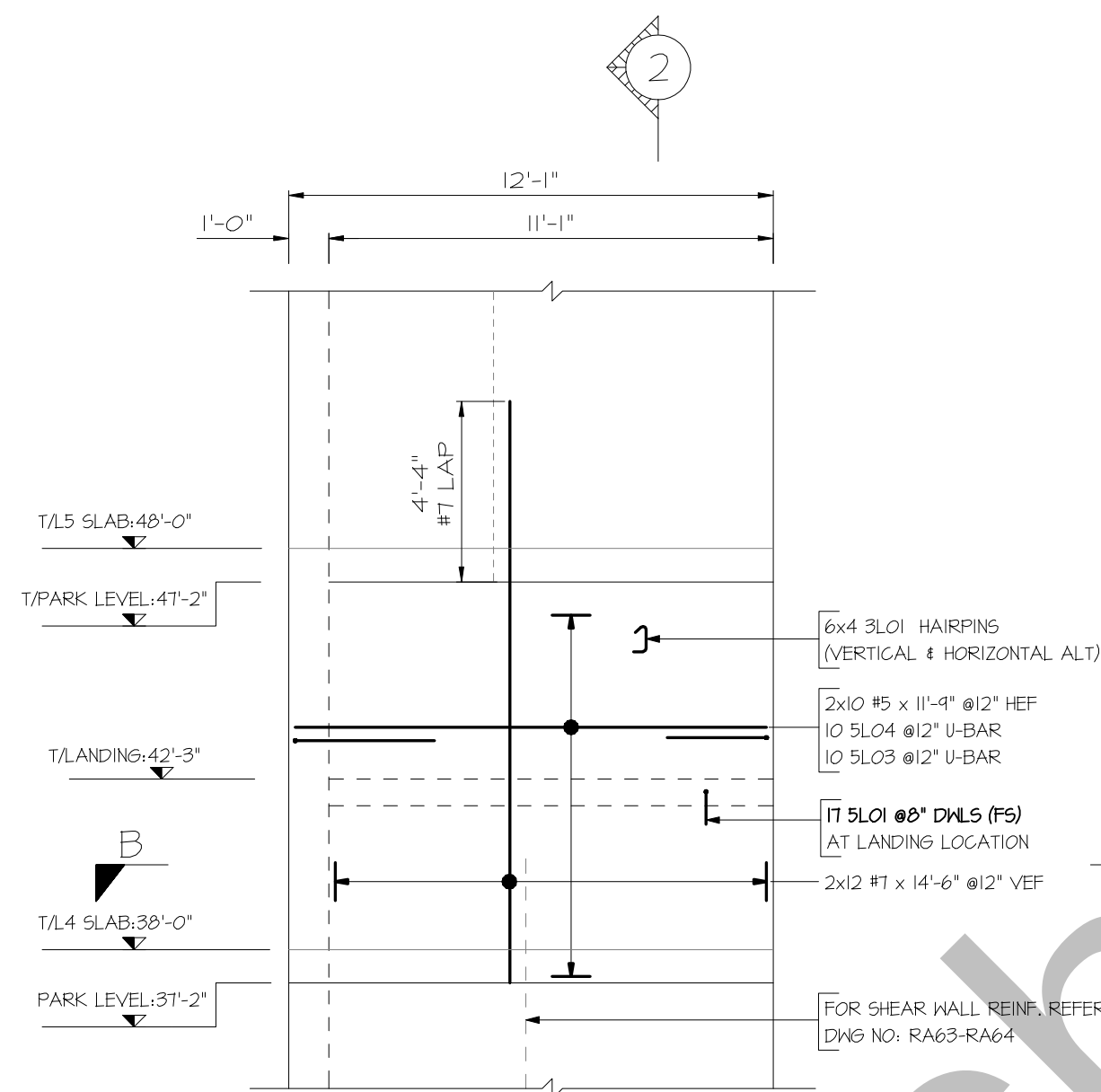
DETAIL-A SHEARWALL (SW-1)
SCALE: 1/4"=1'-0"
SDR: S3.00



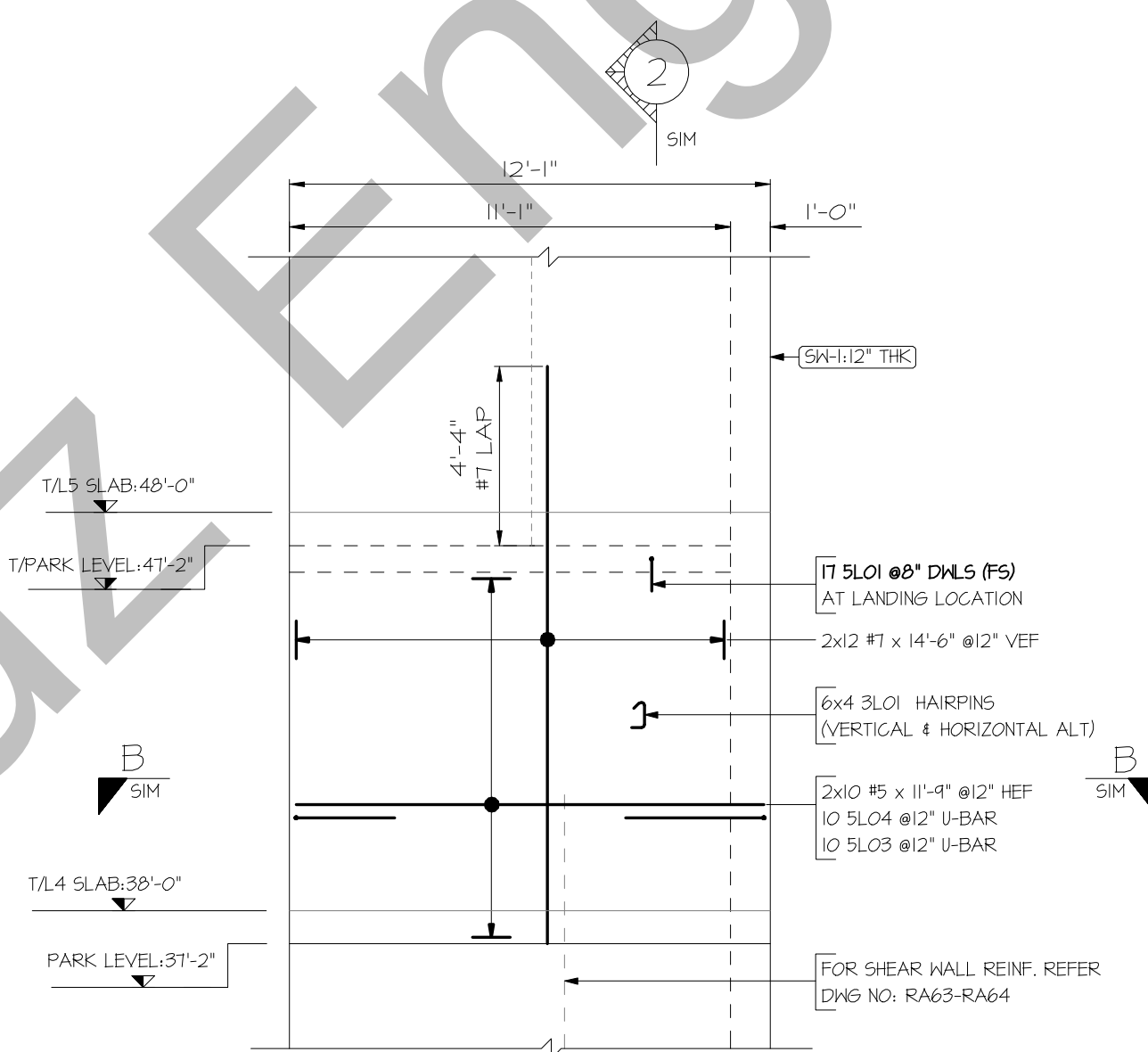
ELEVATION-A (SW-1)
(SHOWING 12" THICK CONC. SHEAR WALL VERTICAL REINF. DETAILS)
SDR: S1.02A/S5.00
ADR: A5.05
SCALE: 1/4"=1'-0"



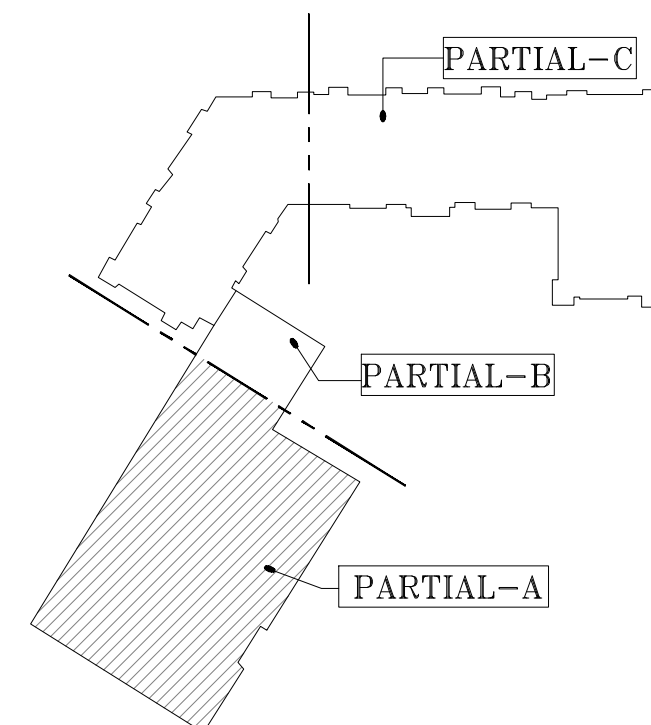
ELEVATION-A (SW-1)
(SHOWING 12" THICK CONC. SHEAR WALL HORIZONTAL REINF. DETAILS)
SDR: S1.02A/S5.00
ADR: A5.05
SCALE: 1/4"=1'-0"



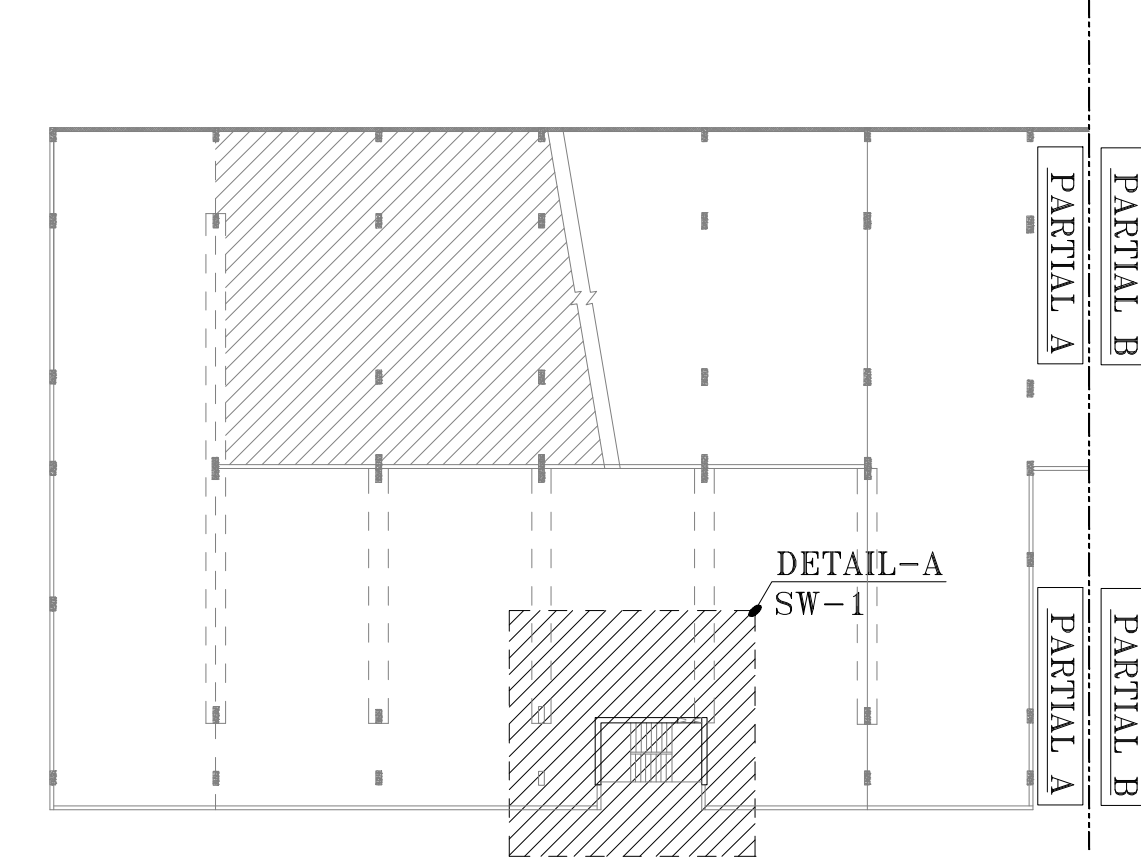
ELEVATION-B (SW-1)
(SHOWING 12" THICK CONC. SHEAR WALL REINF. DETAILS)
SDR: S1.02A/S5.00
ADR: A5.05
SCALE: 1/4"=1'-0"



ELEVATION-C (SW-1)
(SHOWING 12" THICK CONC. SHEAR WALL REINF. DETAILS)
SDR: S1.02A/S5.00
ADR: A5.05
SCALE: 1/4"=1'-0"



KEY PLAN
SDR: S1.02A



4TH LEVEL -PARTIAL A (KEY PLAN)
SDR: S1.02A
SCALE: 1/8"=1'-0"

FOR APPROVAL

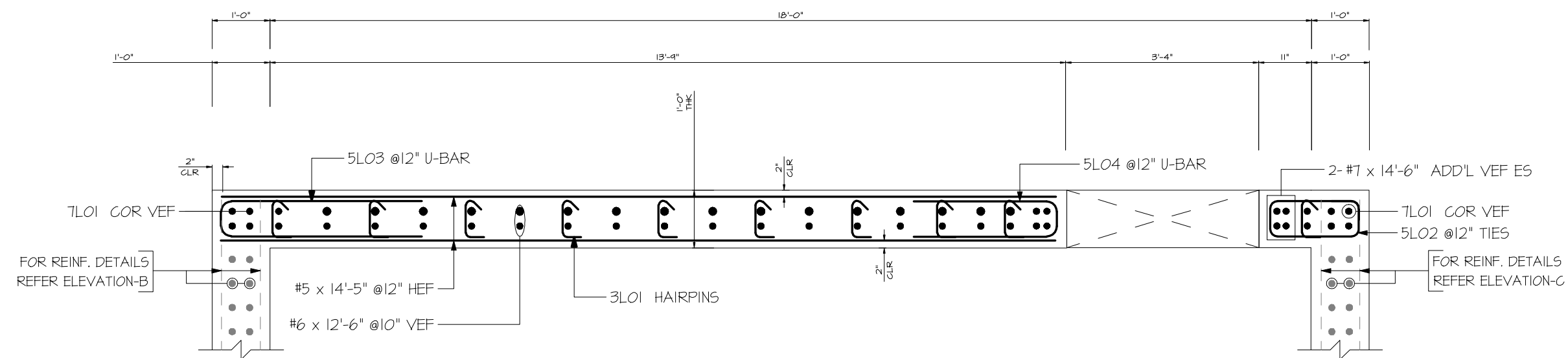
ALL BARS CONFIRMING TO #3 - #6 ASTM-A615 GRADE 60 BLK
ALL BARS CONFIRMING TO #7 - #11 ASTM-A615 GRADE 75 BLK

FOR SHEARWALL LEVEL 4-5

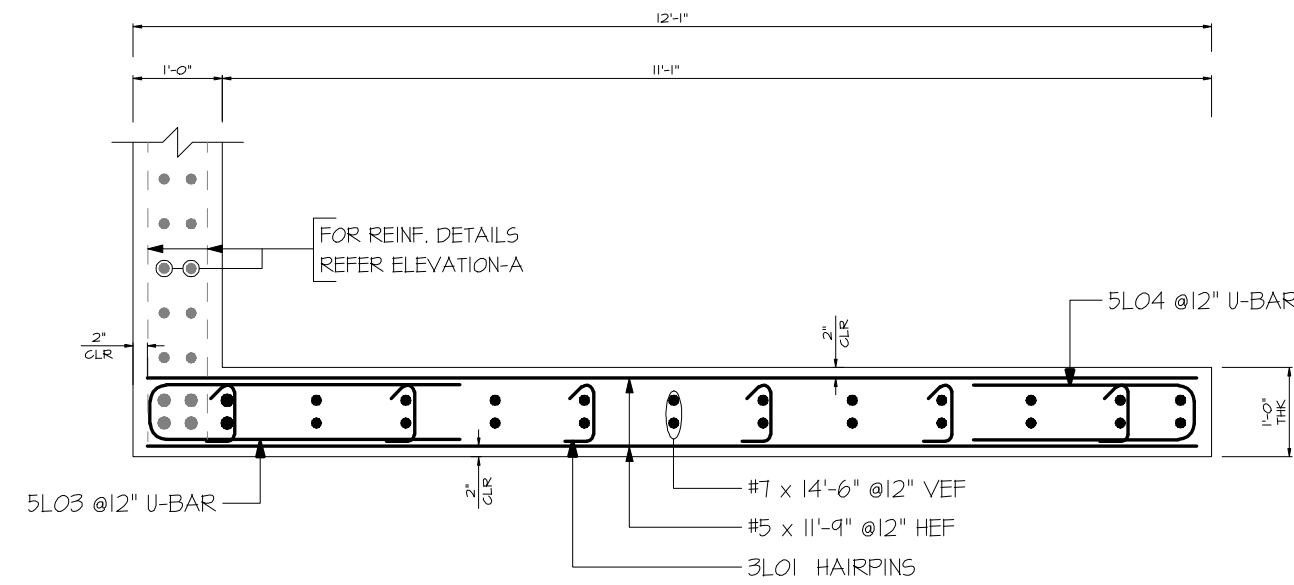
LAP TABLE FOR GRADE 60 (1000 PSI) CATEGORY I REFER SHEET S0.01			
BAR SIZE	TOP	OTHERS	
#3	20"	16"	
#4	24"	19"	
#5	30"	23"	
#6	36"	28"	

LAP TABLE FOR GRADE 75 (1000 PSI) CATEGORY I X1.25 REFER SHEET S0.01			
BAR SIZE	TOP	OTHERS	
#7	66"	52"	
#8	76"	59"	
#9	85"	65"	
#10	95"	73"	
#11	104"	80"	

ABBREVIATION	
BOT - BOTTOM	
TOP - TOP	
HEF - HORIZONTAL EACH FACE	
VEF - VERTICAL EACH FACE	
T/F16 - TOP OF FOOTING	
T/SOG - TOP OF SLAB ON GRADE	
T/L2 - TOP OF LEVEL 2 SLAB	
OPNS - OPENING	
CLR - CLEAR COVER	
ADD'L - ADDITIONAL	
COL - COLUMN	
T&B - TOP & BOTTOM	
COR - CORNER	
(G) - GALVANIZED BAR	

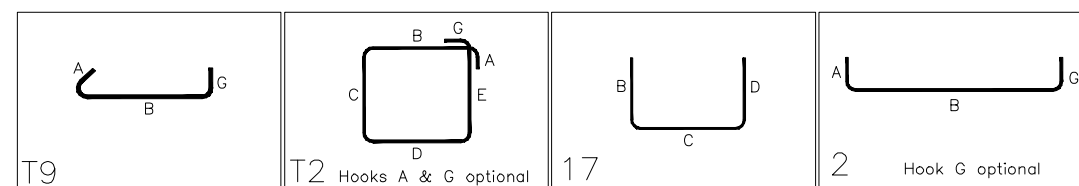


SECTION A-A
SDR:53.00
SCALE: 1/2\"/>

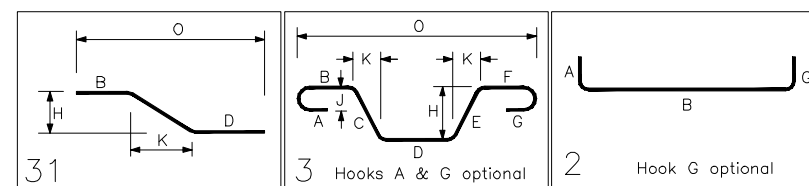


SECTION B-B
SDR:53.00
SCALE: 1/2\"/>

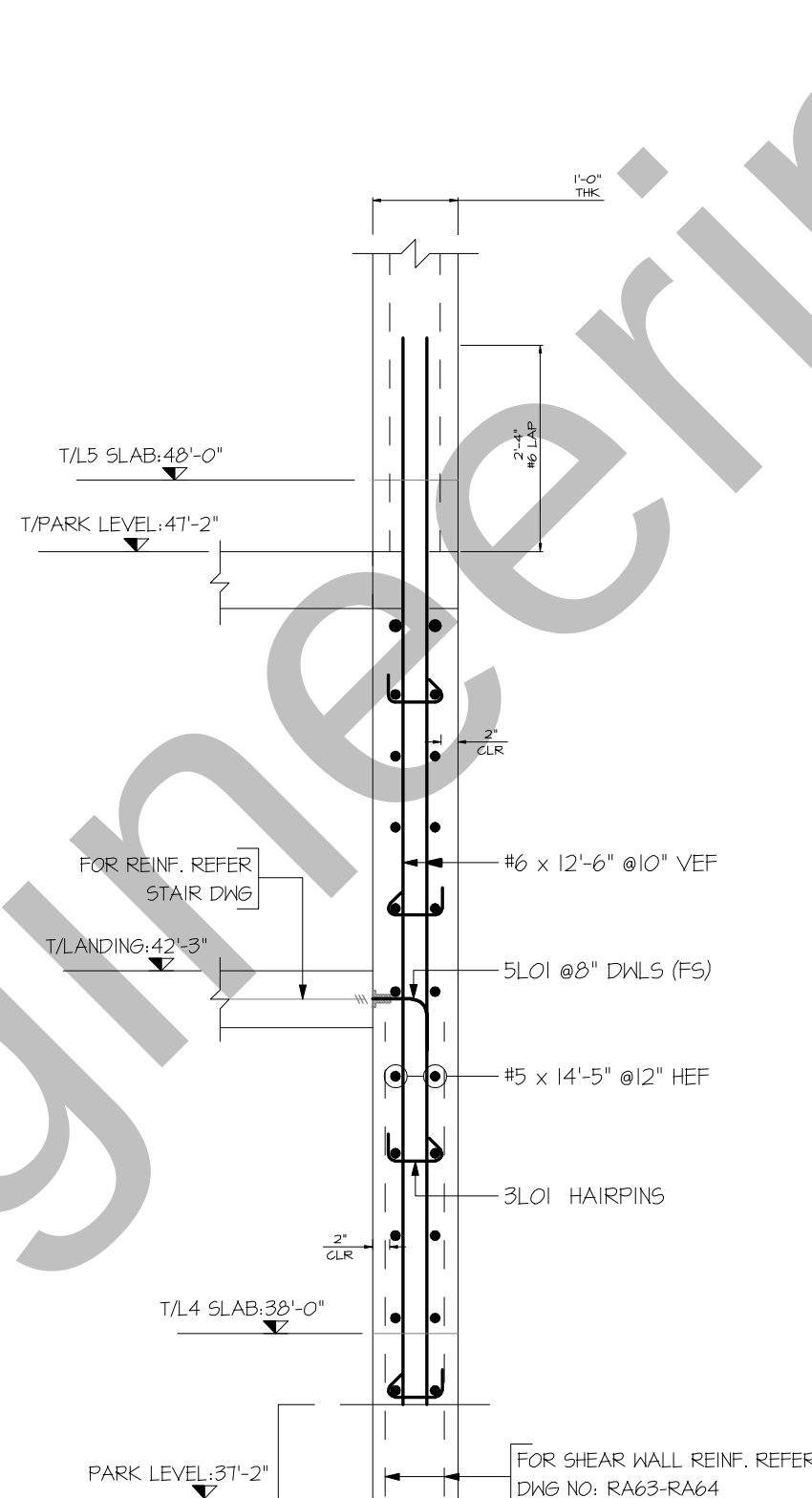
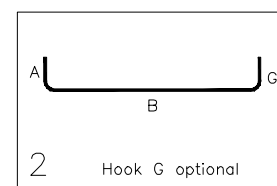
Release Number: SHEAR WALL-1 (14-15)(OR-60)											
BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'
3.01	84	#3	1'-4"	19	0'-4"	0'-8"					
5.02	8	#5	5'-4"	12	0'-8"	0'-8"	1'-7"	0'-8"	0'-6"		
5.03	34	#5	7'-8"	17	3'-6"	0'-8"		3'-6"			
5.04	28	#5	5'-8"	17	2'-6"	0'-8"		2'-6"			
6.01	10	#6	4'-8"	2	1'-0"	2'-8"			1'-0"		



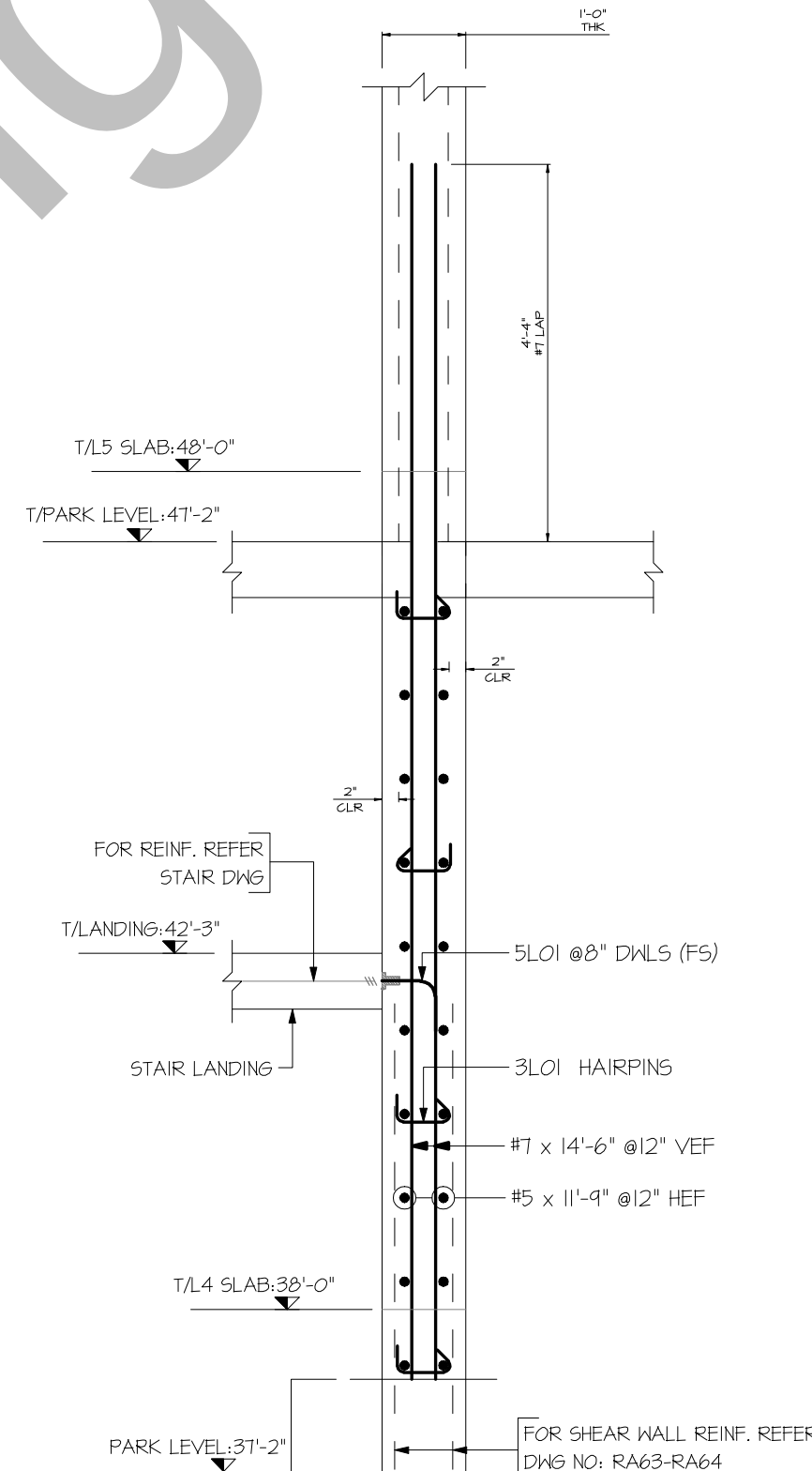
Release Number: SHEAR WALL-1 (14-15)(OR-75)											
BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'
7.01	8	#7	14'-4 1/8"	31	4'-6"	1'-0 1/8"	8'-10"			0'-2 1/8"	
7.02	4	#7	8'-0"	3	2'-11"	5'-1"				1'-0"	14'-4"
9.01	4	#9	13'-10"	2	1'-7"	12'-3"				3'-6 1/8"	6'-5 1/8"



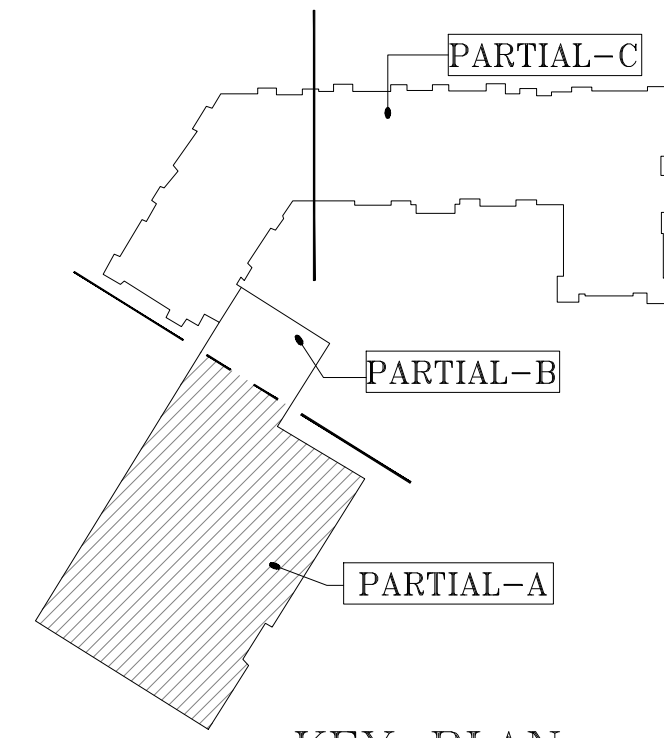
Release Number: SHEAR WALL-1 (14-15)(OR-60)FS											
BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'
5.01	50	#5	1'-8"	2	0'-10"	0'-8"					



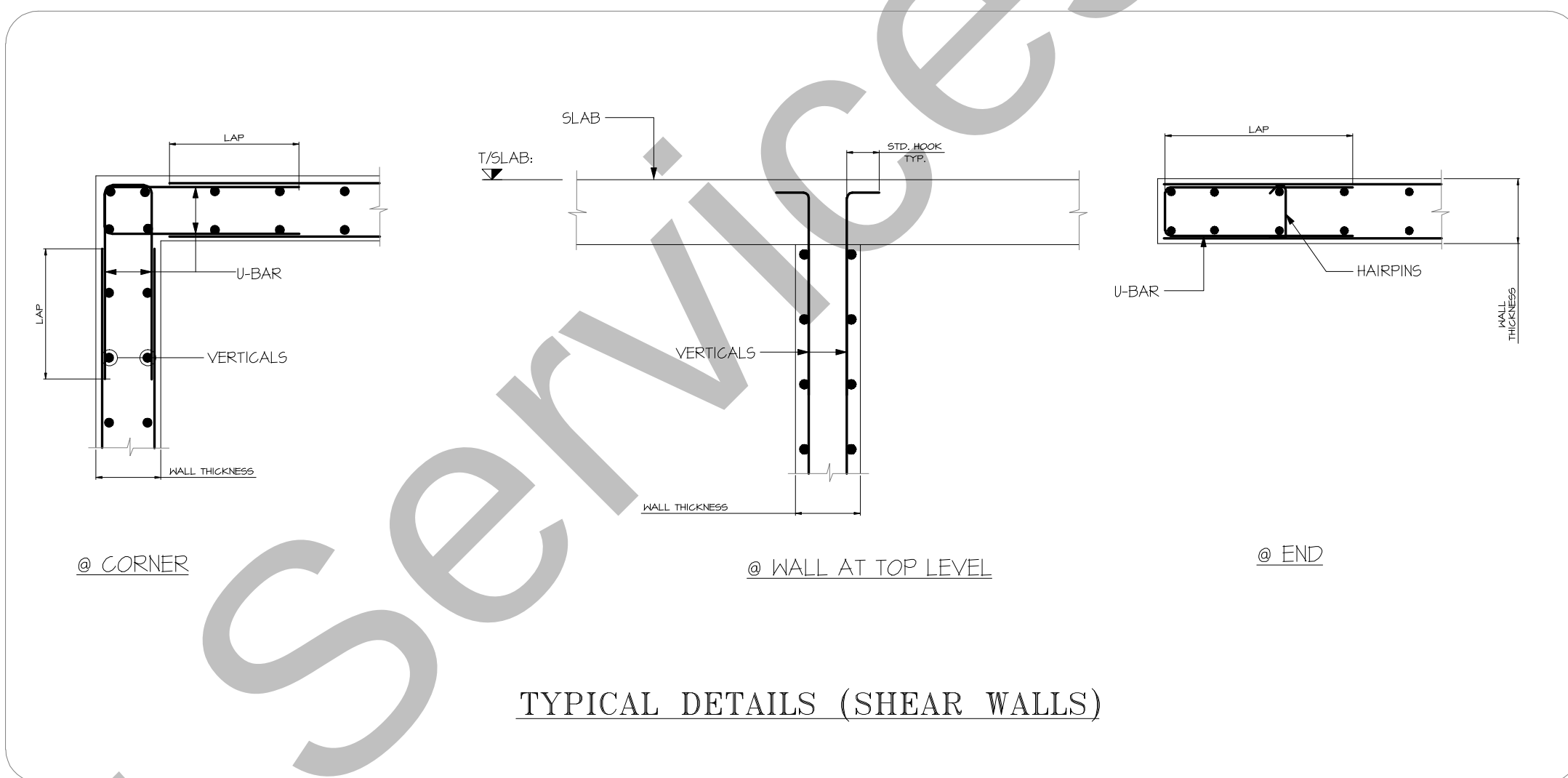
SECTION 1
SDR:52.00
SCALE: 1/2\"/>

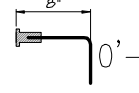


SECTION 2
SDR:52.00
SCALE: 1/2\"/>



KEY PLAN
SDR:51.02A



FORMSAVER & BAR LENGTH DETAILS				
MARK	Bar Dia	Shape	Qty	Remarks
5S05	#5		50 Pcs	ELEVATION-(A-C) SHEARWALL (AT STAIR LANDINGS)
DWG NO:RA92-RA93				

FOR APPROVAL

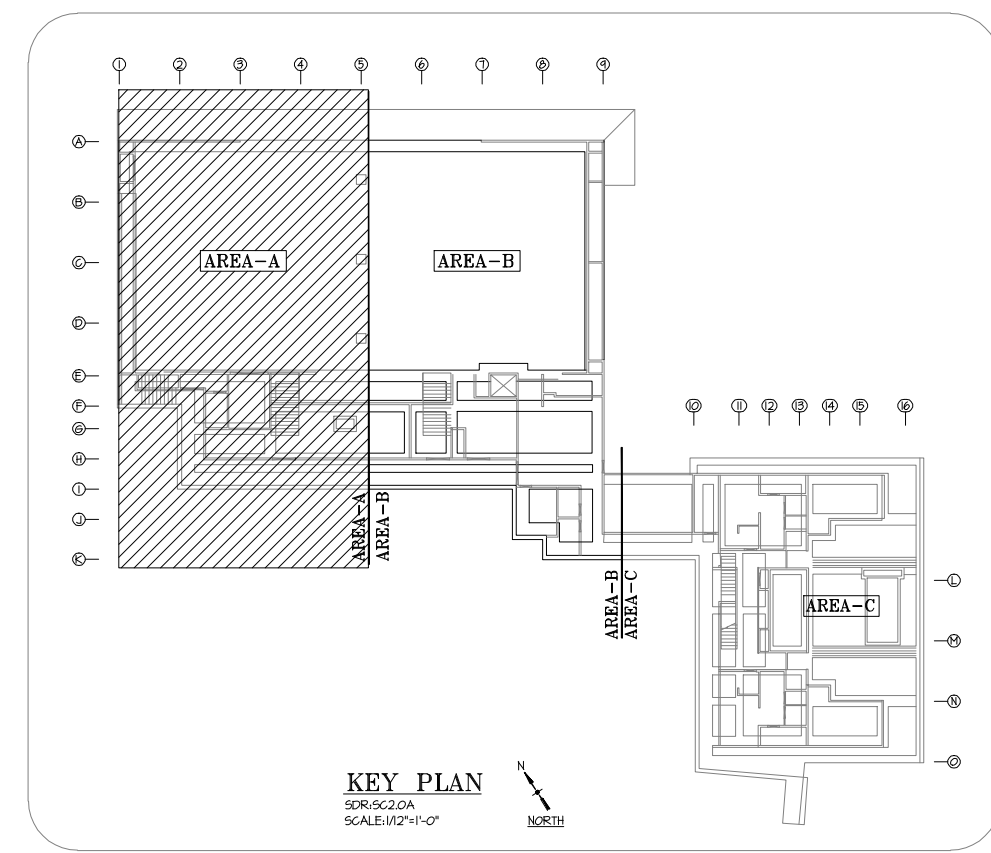
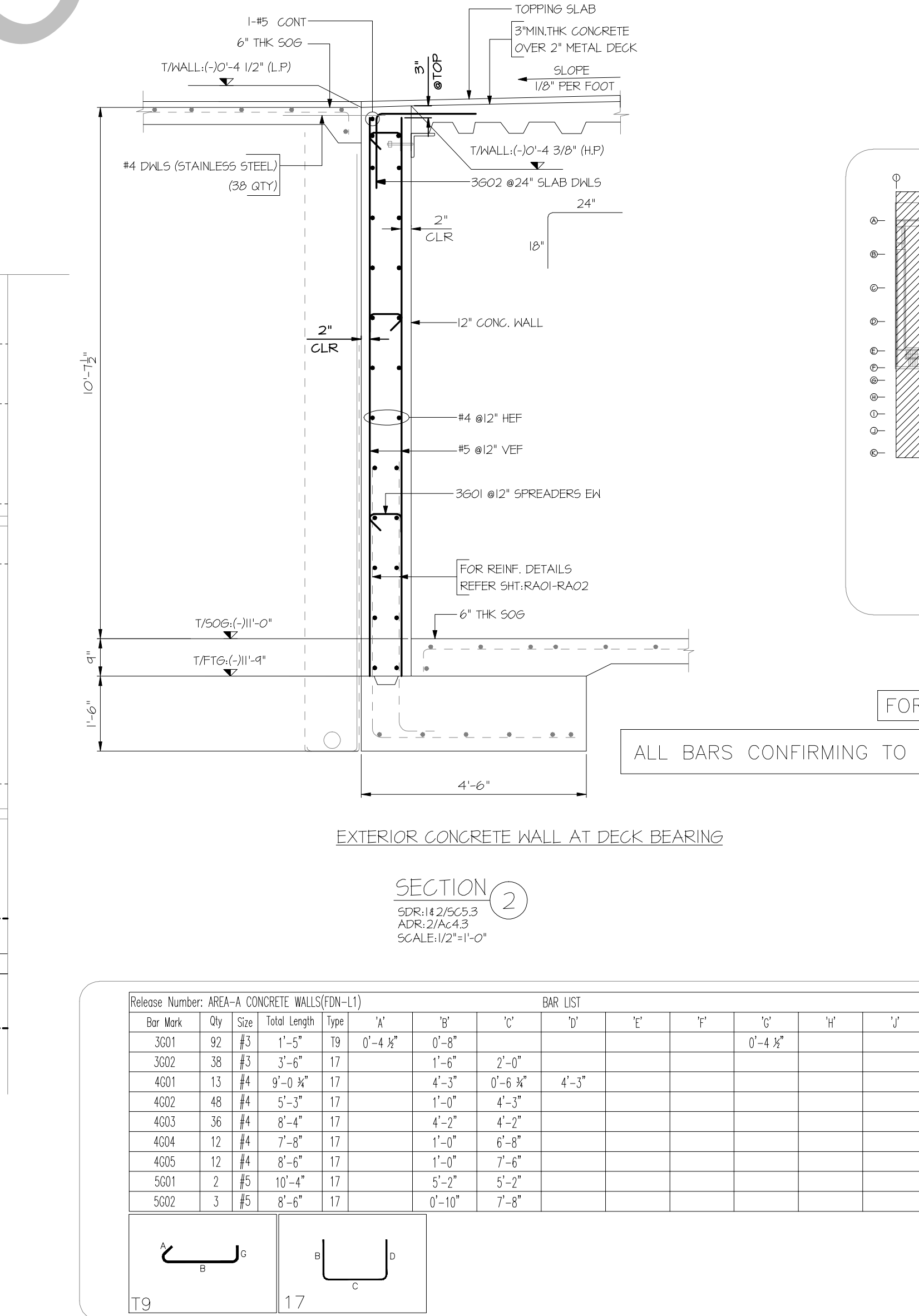
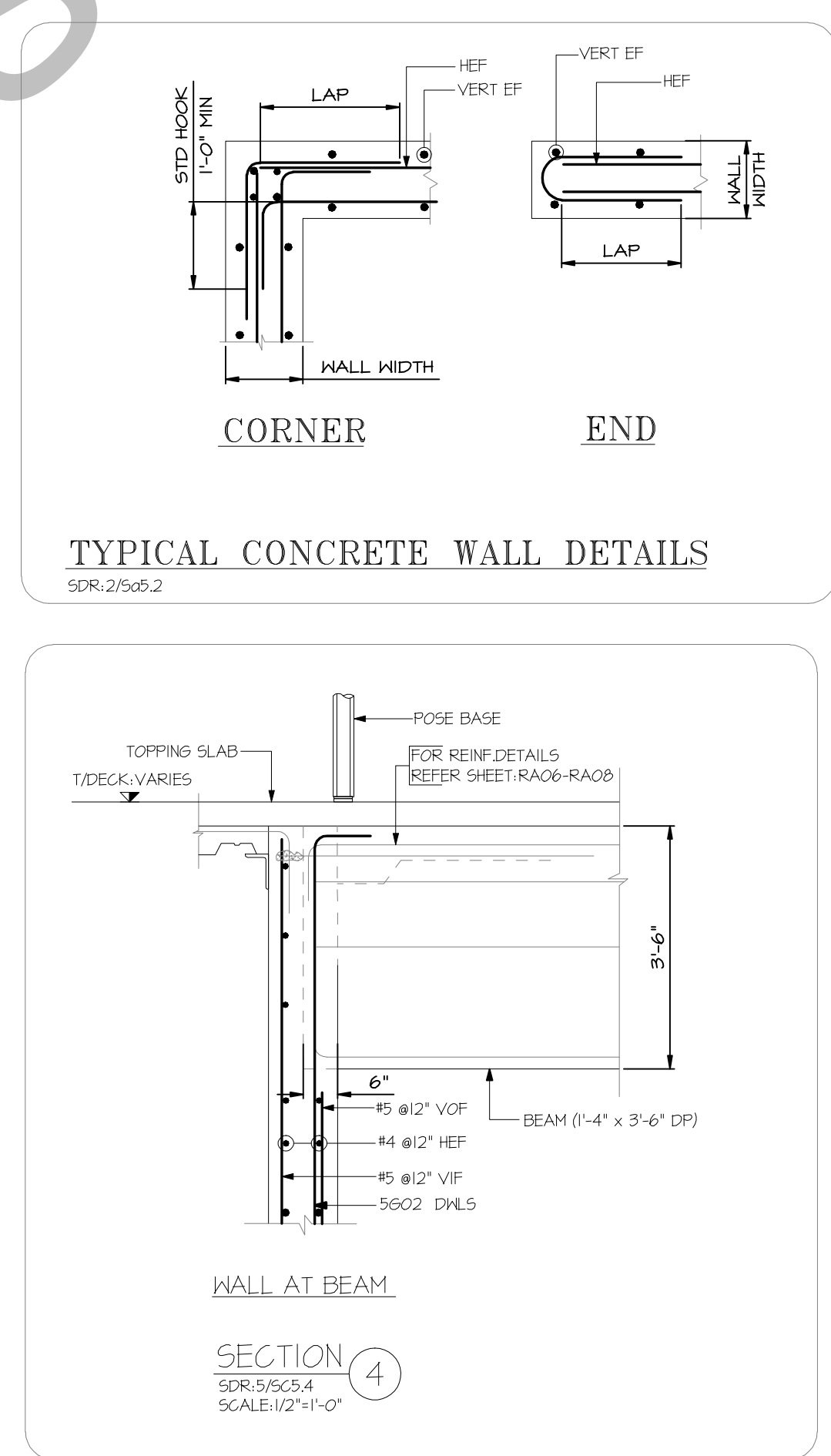
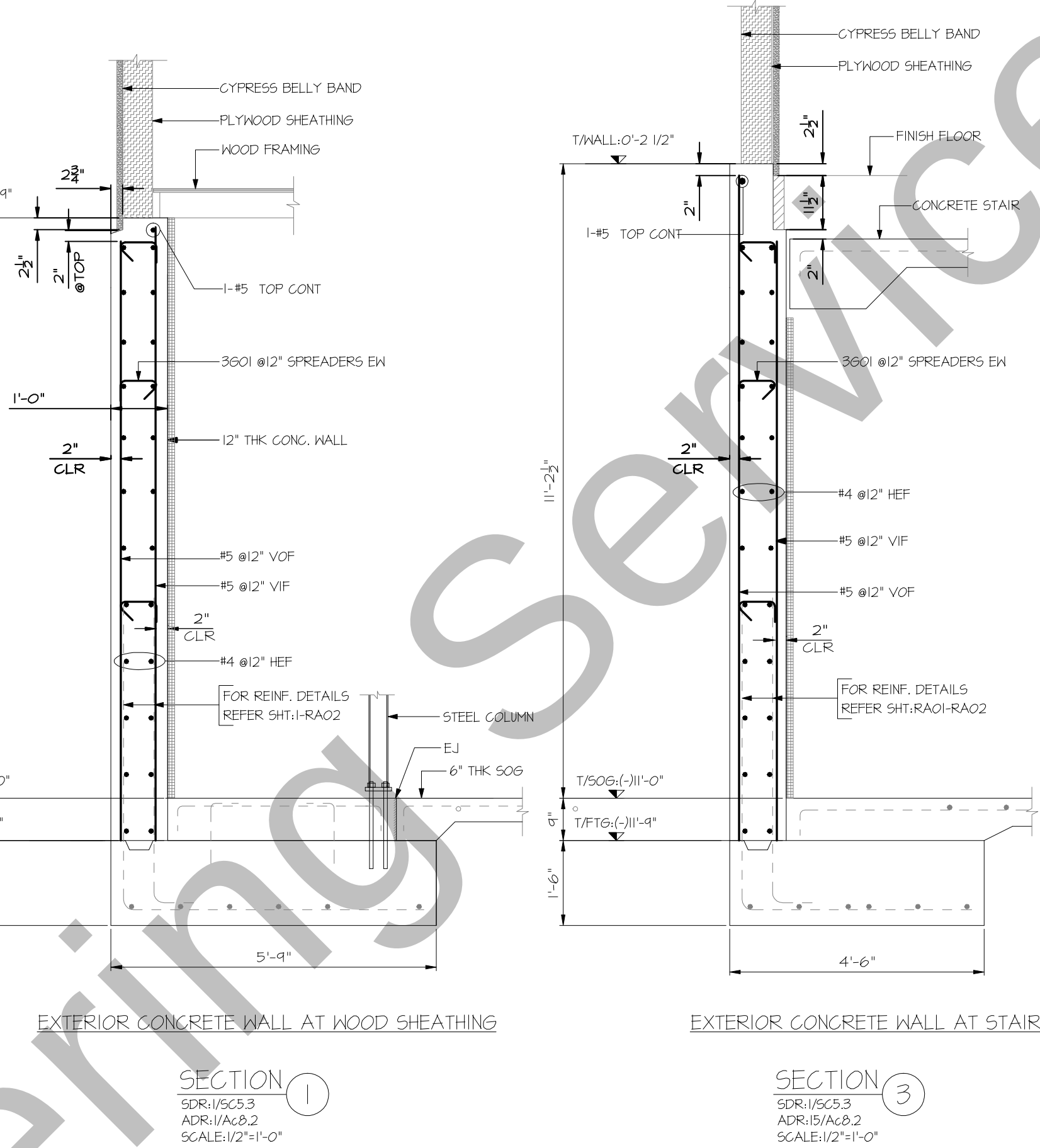
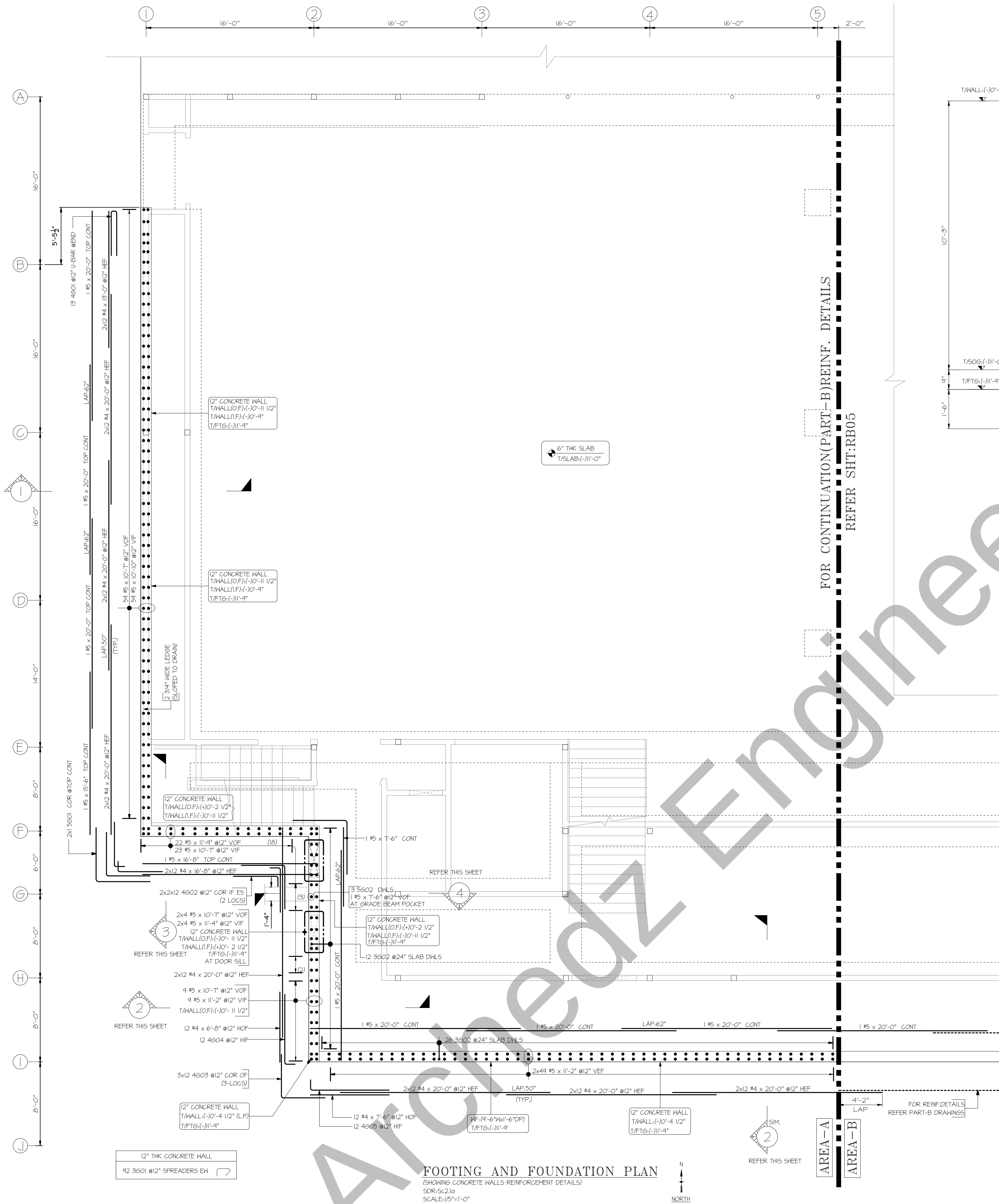
ALL BARS CONFIRMING TO #3 - #6 ASTM-A615 GRADE 60 BLK
ALL BARS CONFIRMING TO #7 - #11 ASTM-A615 GRADE 75 BLK

FOR SHEARWALL LEVEL 4-5

LAP TABLE FOR GRADE 60 (1000 PSI) CATEGORY I REFER SHEET 50.01		
BAR SIZE	TOP	OTHERS
#3	20"	16"
#4	24"	19"
#5	30"	23"
#6	36"	28"

LAP TABLE FOR GRADE 75 (1000 PSI) CATEGORY I X1.25 REFER SHEET 50.01		
BAR SIZE	TOP	OTHERS
#7	66"	52"
#8	76"	59"
#9	85"	65"
#10	95"	73"
#11	104"	80"

ABBREVIATION	
BOT - BOTTOM	
TOP - TOP	
HEF - HORIZONTAL EACH FACE	
VEF - VERTICAL EACH FACE	
T/FTS - TOP OF FOOTING	
T/50S - TOP OF SLAB ON GRADE	
TL2 - TOP OF LEVEL 2 SLAB	
OPNS - OPENING	
CLR - CLEAR COVER	
ADDL - ADDITIONAL	
COL - COLUMN	
T4B - TOP & BOTTOM	
COR - CORNER	
(G) - GALVANIZED BAR	

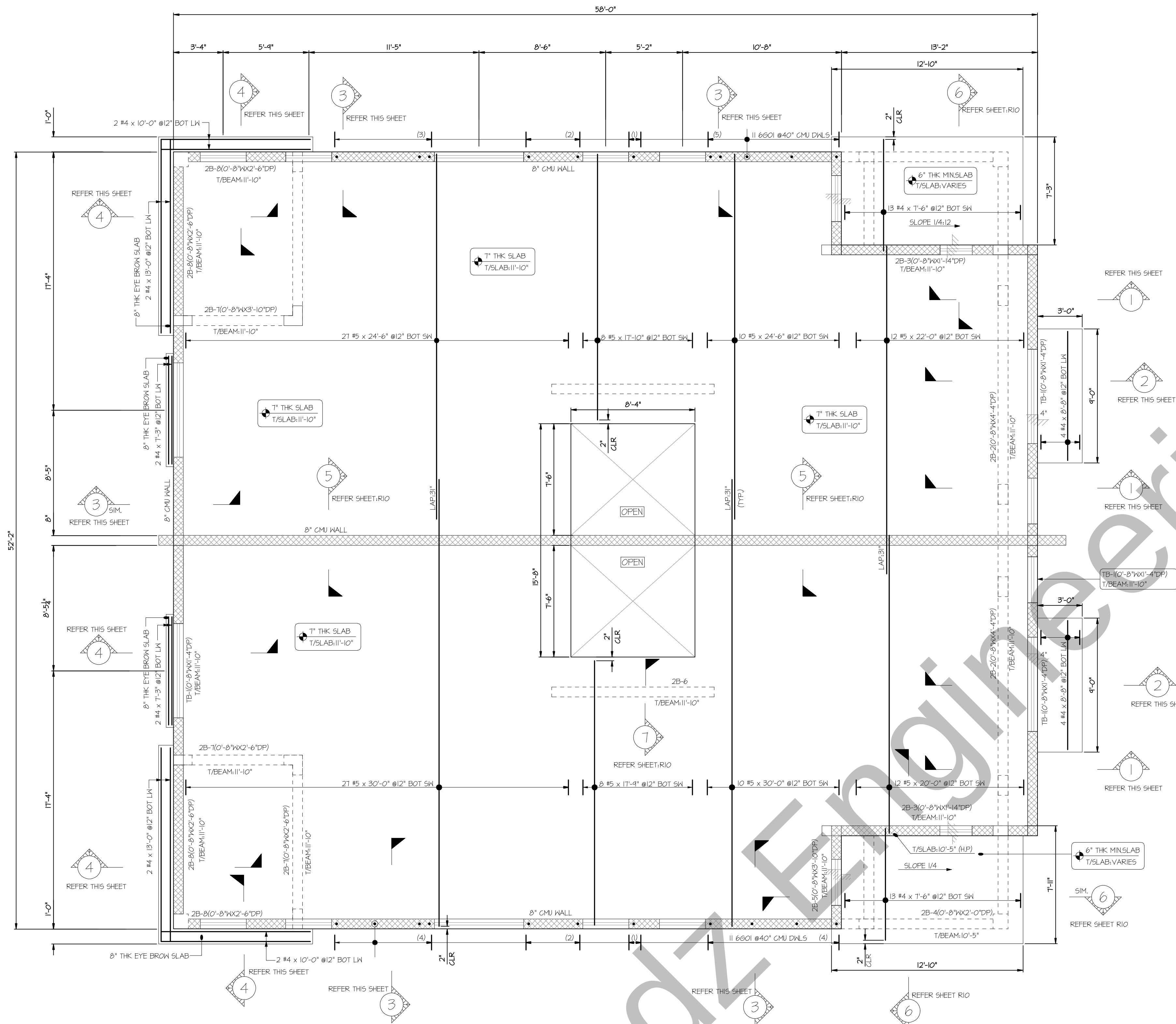


FOR APPROVAL

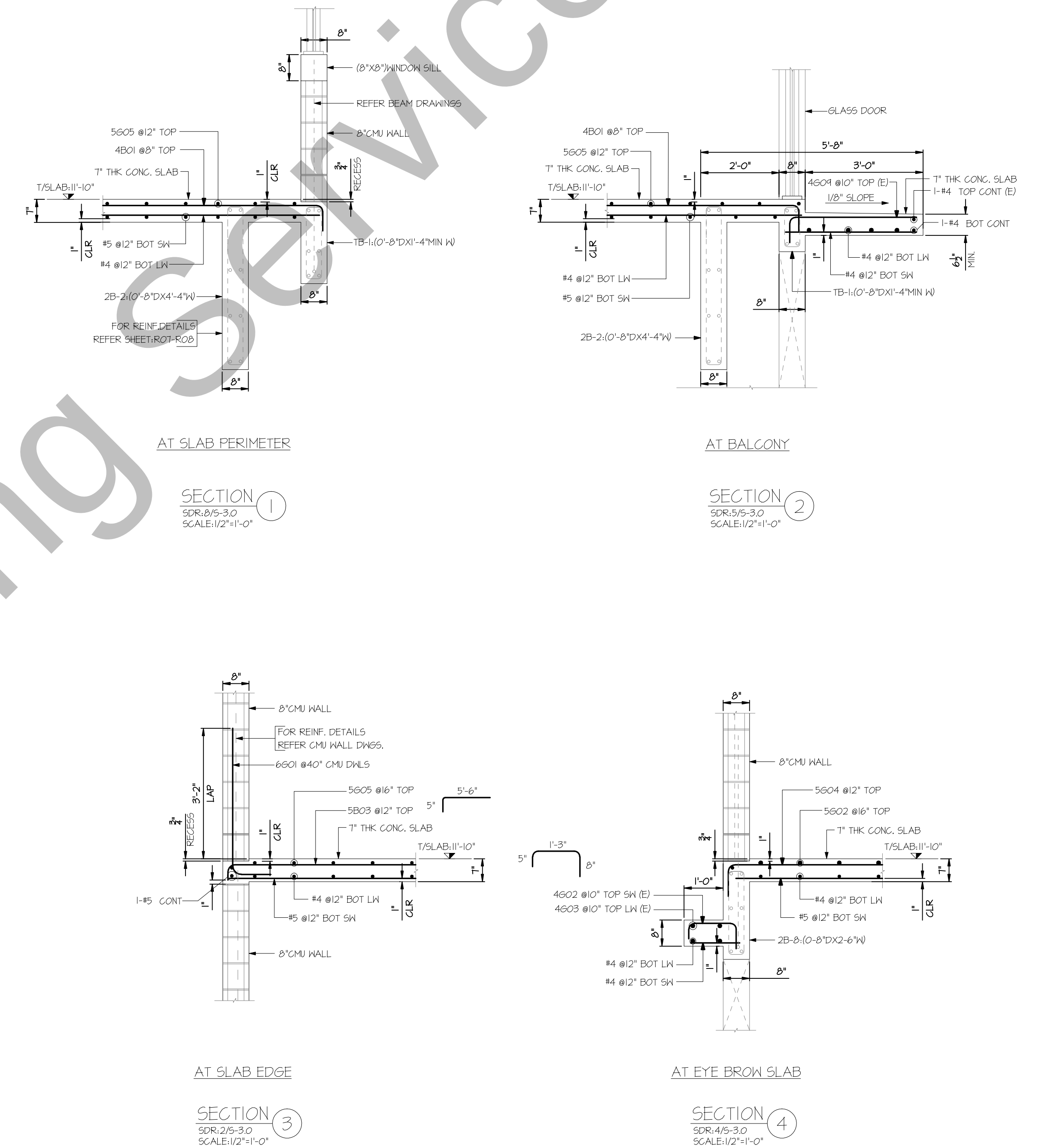
ALL BARS CONFORMING TO ASTM-A775 GRADE 60(CHROMX)

FOR CONCRETE WALL			
4000 PSI LAP			
REF. SHT:6/SC5.1 CLASS B			
CHROMX LAP:1.5 * TENSION LAP			
BAR SIZE	TOP	OTHERS	
#3	38"	29"	
#4	50"	38"	
#5	62"	47"	
#6	74"	56"	

ABBREVIATION	
COR	CORNER
EF	EACH FACE
OF	OUTER FACE
IF	INNER FACE
THK	THICKNESS
W	WIDTH
DP	DEPTH
D/V	DOWEL CUM VERTICAL
SOG	SLAB ON GRADE
CONC.	CONCRETE



SECOND FLOOR FRAMING PLAN
(SHOWING NORTH-SOUTH SLAB BOT & CMU DOVELS REINFORCEMENT DETAILS)
SDR:5-1.2
SCALE:1/4\"



FOR APPROVAL
ASTM A615 - GR 60 - BLK
ASTM A775 - GR 60 - EPOXY

FOR CMU WALLS

LAP TABLE (REFER SHEET:5-0.0)			
BAR SIZE	48 BAR DIA	BAR SIZE	50 BAR DIA
#4	24"	#6	38"
#5	30"	#7	44"

FOR LEVEL 2 SLAB

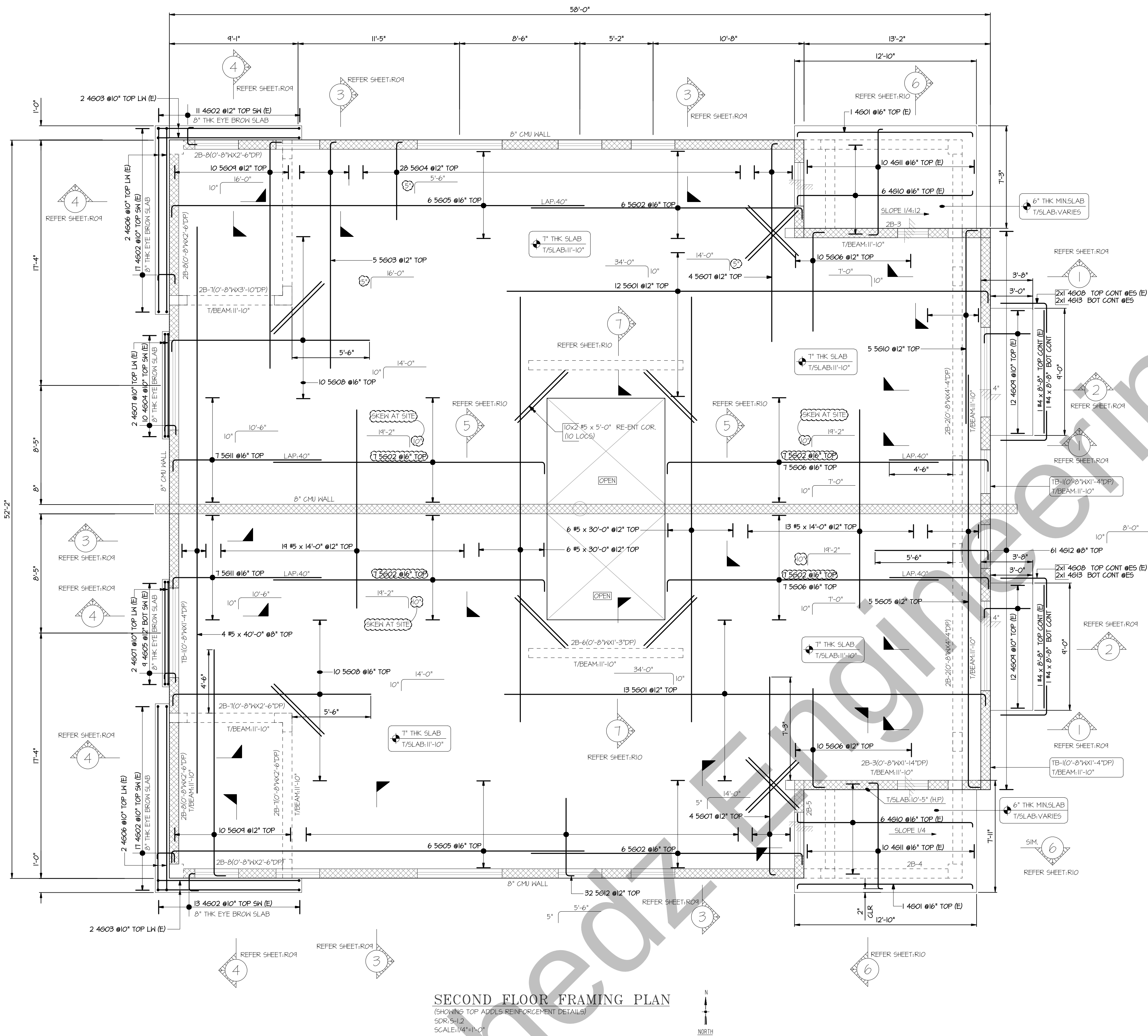
ACI LAP TABLE 4000 PSI (CLASS B)		
BAR SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"

ABBREVIATION
T/SLAB-TOP OF SLAB
CLR-CLEAR COVER
BOT-BOTTOM
CONT.-CONTINUOUS
DWLS-DOWELS
DWG-DRAWING
VERTS-VERTICALS
EW-EACH WAY
REINF.-REINFORCEMENT
(E)-EPOXY

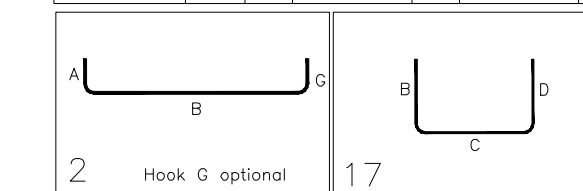
THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:MARCH-2020

THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE CONTRACT DRAWINGS. IN CASE OF CONFLICT, THE CONTRACT DRAWINGS SHALL TAKE PRECEDENCE.

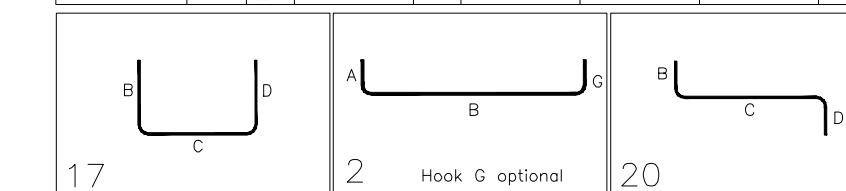
USE IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS - S-1.2
FOR SECTIONS SEE STRUCTURAL DRAWINGS - S-2.0 THRU S-4.0



Release Number: LEVEL 2 SLAB										BAR LIST									
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	C'	U'	V'	W'	X'	Y'	U'	V'	W'	U'	V'	W'	U'
4G12	61	#4	8'-8"	2	0'-8"	8'-0"													
4G13	2	#4	5'-4"	17		2'-1"	3'-3"												
5G01	25	#5	34'-10"	2	0'-10"	34'-0"													
5G02	40	#5	20'-0"	2	0'-10"	19'-2"													
5G03	5	#5	16'-5"	17		0'-5"	16'-0"												
5G04	28	#5	5'-11"	17		0'-5"	5'-6"												
5G05	17	#5	30'-0"	2	0'-10"	29'-2"													
5G06	34	#5	7'-10"	2	0'-10"	7'-0"													
5G07	8	#5	14'-5"	17		0'-5"	14'-0"												
5G08	20	#5	14'-10"	2	0'-10"	14'-0"													
5G09	20	#5	16'-10"	2	0'-10"	16'-0"													
5G10	5	#5	14'-6"	2	0'-10"	13'-8"													
5G11	14	#5	11'-4"	2	0'-10"	10'-6"													
5G12	32	#5	6'-1"	17		0'-7"	5'-6"												
6G01	22	#6	4'-9"	2	1'-0"	3'-9"													



Release Number: LEVEL 2 SLAB (EPOXY)										BAR LIST									
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	C'	U'	V'	W'	X'	Y'	U'	V'	W'	U'	V'	W'	U'
4G01	2	#4	13'-1"	17		0'-4"	12'-5"	0'-4"											
4G02	58	#4	2'-4"	17		0'-5"	1'-3"	0'-8"											
4G03	4	#4	10'-10"	17		0'-5"	10'-0"	0'-5"											
4G04	10	#4	1'-11"	17		0'-5"	0'-10"	0'-8"											
4G05	9	#4	1'-11"	17		0'-5"	0'-10"	0'-8"											
4G06	4	#4	13'-10"	17		0'-5"	13'-0"	0'-5"											
4G07	4	#4	8'-1"	17		0'-5"	7'-3"	0'-5"											
4G08	2	#4	5'-4"	17		2'-1"	3'-3"												
4G08	2	#4	5'-4"	17		2'-1"	3'-3"												
4G09	24	#4	3'-11"	2	0'-8"	3'-3"													
4G10	12	#4	13'-5"	20		0'-4"	12'-5"	0'-8"											
4G11	20	#4	8'-6"	20		0'-4"	7'-6"	0'-8"											
4G13	2	#4	5'-4"	17		2'-1"	3'-3"												



FOR APPROVAL

ASTM A615 - GR 60 - BLK

ASTM A775 - GR 60 - EPOXY

FOR CMU WALLS

LAP TABLE (REFER SHEET: S-0.0)			
BAR SIZE	48 BAR DIA	BAR SIZE	50 BAR DIA
#4	24"	#6	38"
#5	30"	#7	44"

FOR LEVEL 2 SLAB

ACI LAP TABLE 4000 PSI (CLASS B)		
BAR SIZE	TOP	OTHERS
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"

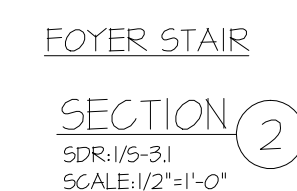
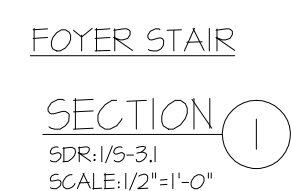
ABBREVIATION

T/SLAB-TOP OF SLAB
CLR-CLEAR COVER
BOT-BOTTOM
CONT-CONTINUOUS
DWLS-DOWELS
DWG-DRAWING
VERTS-VERTICALS
EW-EACH WAY
REINF.-REINFORCEMENT
(E)-EPOXY

USE IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS - S-1.2
FOR SECTIONS SEE STRUCTURAL DRAWINGS - S-2.0 THRU S-4.0

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED: MARCH 2020

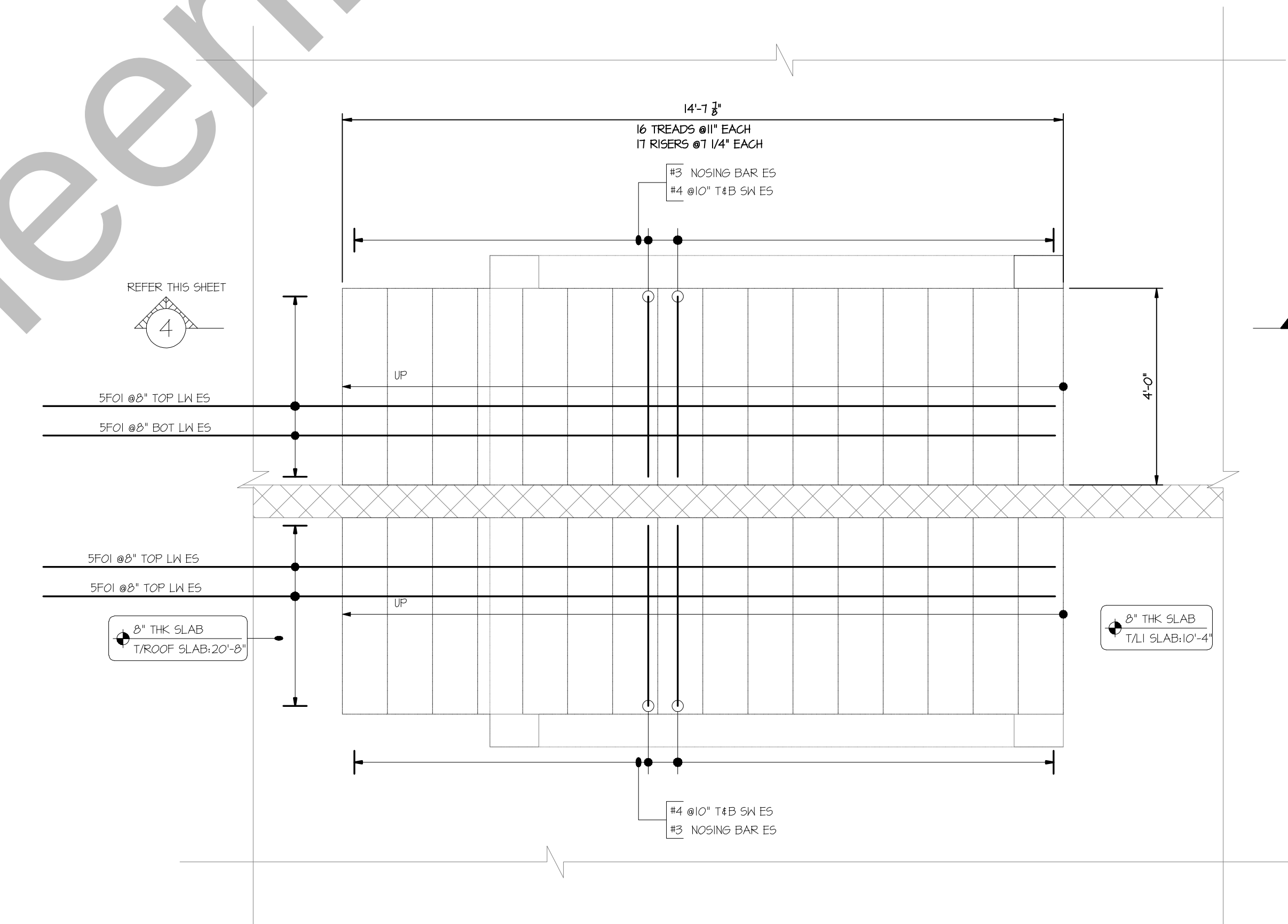
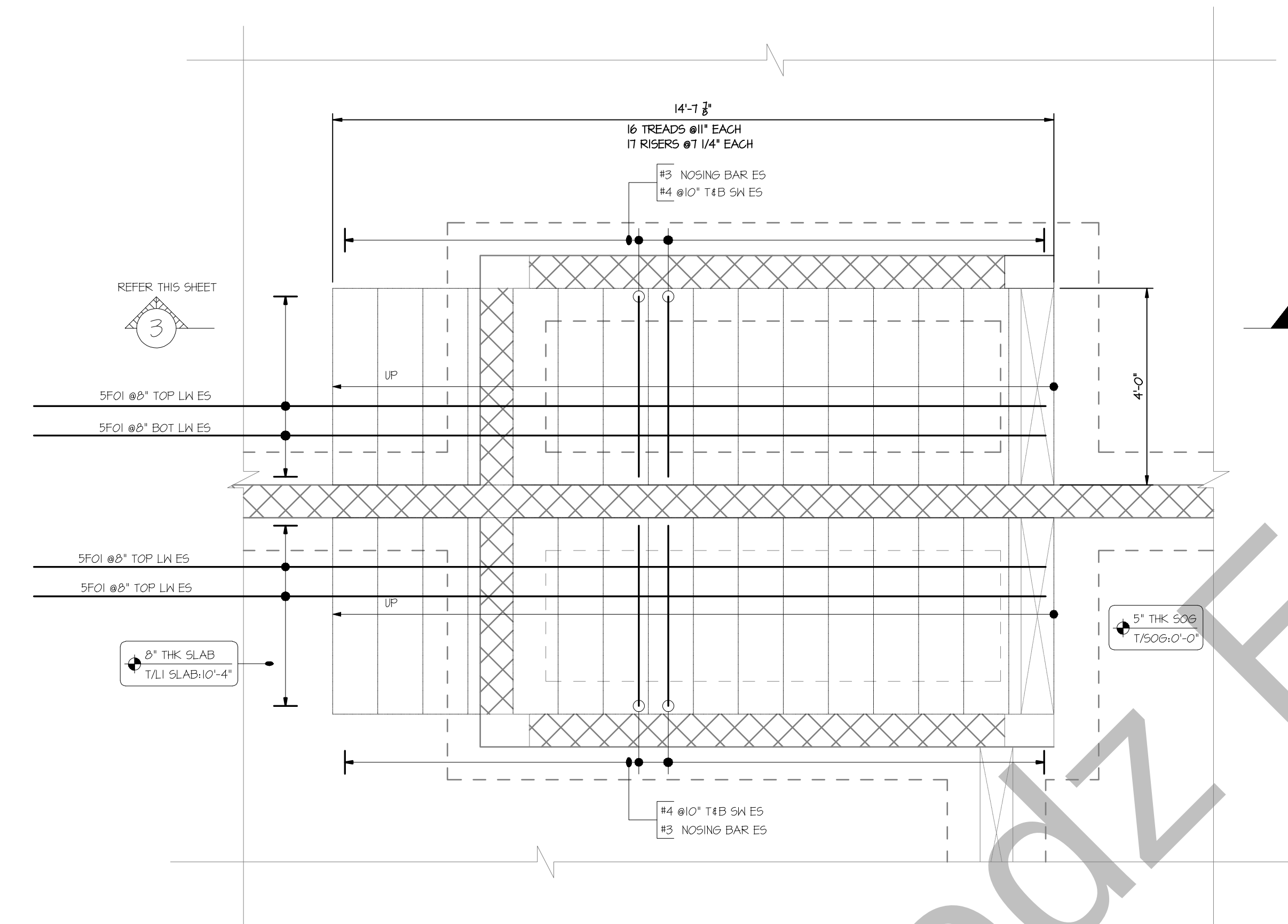
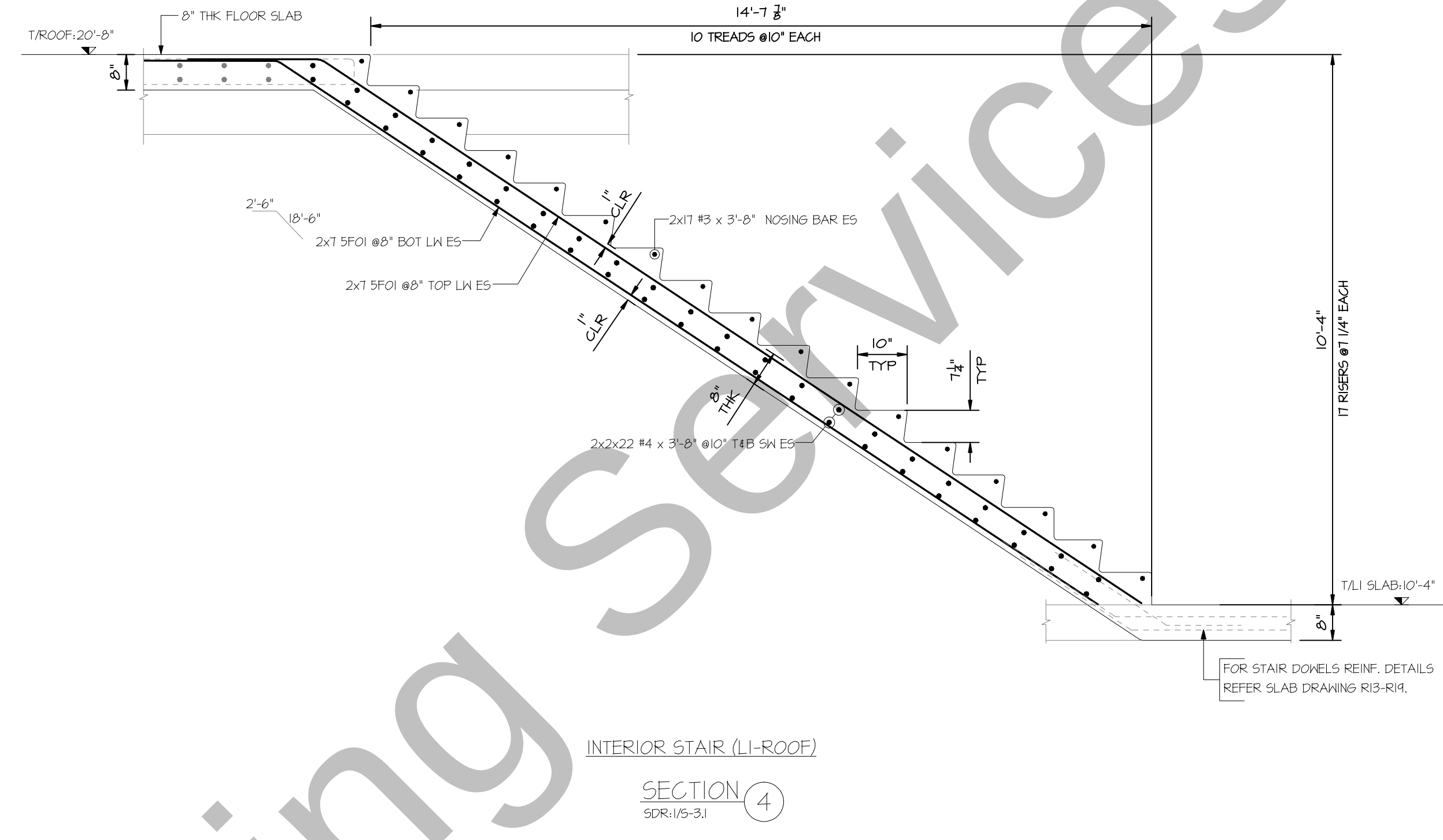
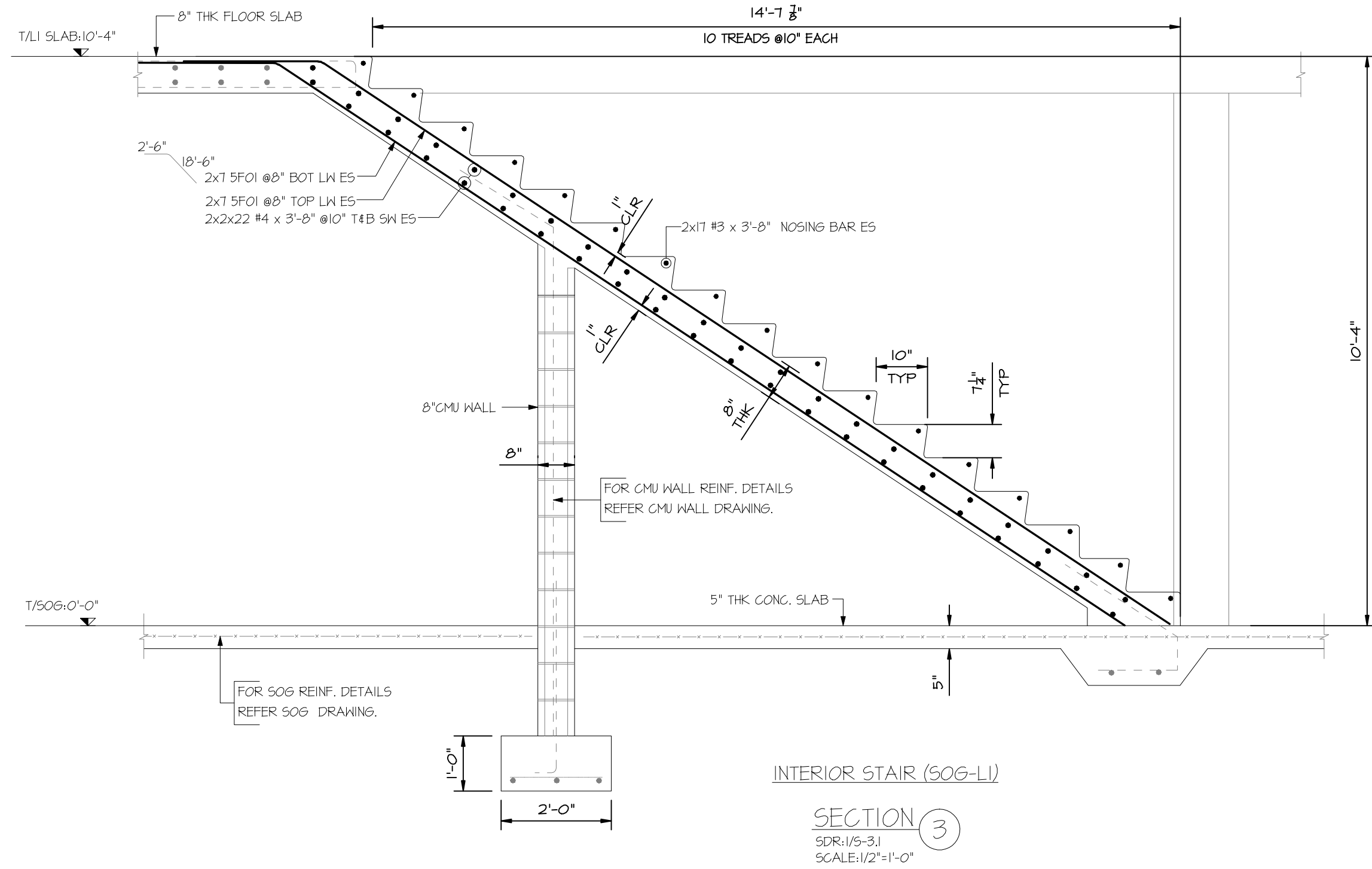
THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE CONTRACT DRAWINGS. IN CASE OF CONFLICT, THE CONTRACT DRAWINGS SHALL TAKE PRECEDENCE.



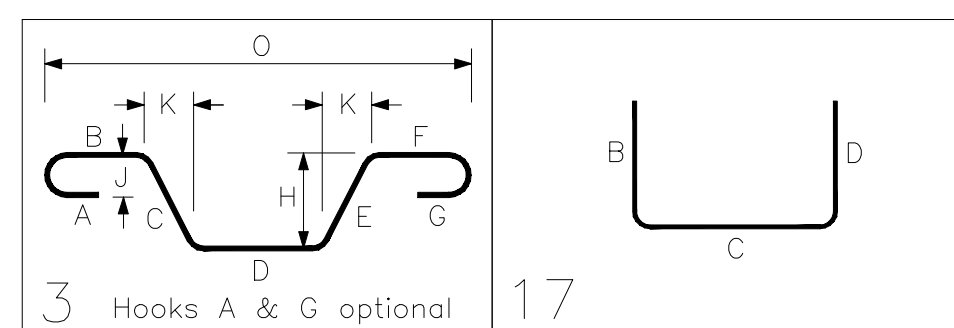
FOR APPROVAL

ASTM A615 - GR 60 - BLK

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:10-01-2021
THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE CONTRACT DRAWINGS. IN CASE OF CONFLICT, THE CONTRACT DRAWINGS SHALL TAKE PRECEDENCE.



Release Number: STAIR CASE (FOUNDATION TO ROOF)				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	A'	B'	C'	D'	E'	F'	G'	H'	I'	J'	K'	L'
SF01	56	#5	21'-0"	3		18'-6"	2'-6"					1'-3"		2'-0 3/4"	20'-6 3/4"	
SF02	28	#5	12'-6"	3		10'-0"	2'-6"					1'-6"		2'-0"	12'-0"	
SF03	28	#5	7'-8"	3		5'-2"	2'-6"					1'-8 1/2"		1'-9 3/4"	6'-11 3/4"	
SF04	14	#5	5'-9"	3		3'-3"	2'-6"					1'-9 3/4"		1'-9 3/4"	5'-0 3/4"	
SF05	14	#5	5'-0"	3		2'-6"	2'-6"					1'-8 1/2"		1'-9 3/4"	4'-3 3/4"	
SF06	14	#5	5'-6"	3		3'-0"	2'-6"					1'-8 1/2"		1'-9 3/4"	4'-9 3/4"	
SF07	14	#5	5'-6"	17		0'-6"	4'-6"	0'-6"								
SF08	14	#5	5'-0"	17		0'-6"	4'-6"									
SF09	14	#5	5'-0"	3		2'-6"	2'-6"					1'-6"		2'-0"	4'-6"	



USE IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS - S-1.1
FOR SECTIONS SEE STRUCTURAL DRAWINGS - S-2.1 THRU S-5.3

THIS PLACING DRAWING WAS PREPARED FROM STRUCTURAL DRAWING DATED:10-01-2021
THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE CONTRACT DRAWINGS. IN CASE OF CONFLICT, THE CONTRACT DRAWINGS SHALL TAKE PRECEDENCE.

ABBREVIATION
T/FTG-TOP OF FOOTING
CLR-CLEAR COVER
BOT-BOTTOM
CONT.-CONTINUOUS
DWLS-DOWELS
DWG-DRAWING
VERTS-VERTICALS
EW-EACH WAY
REINF.-REINFORCEMENT
BB-BOND BEAM

FOR APPROVAL
ASTM A615 - GR 60 - BLK