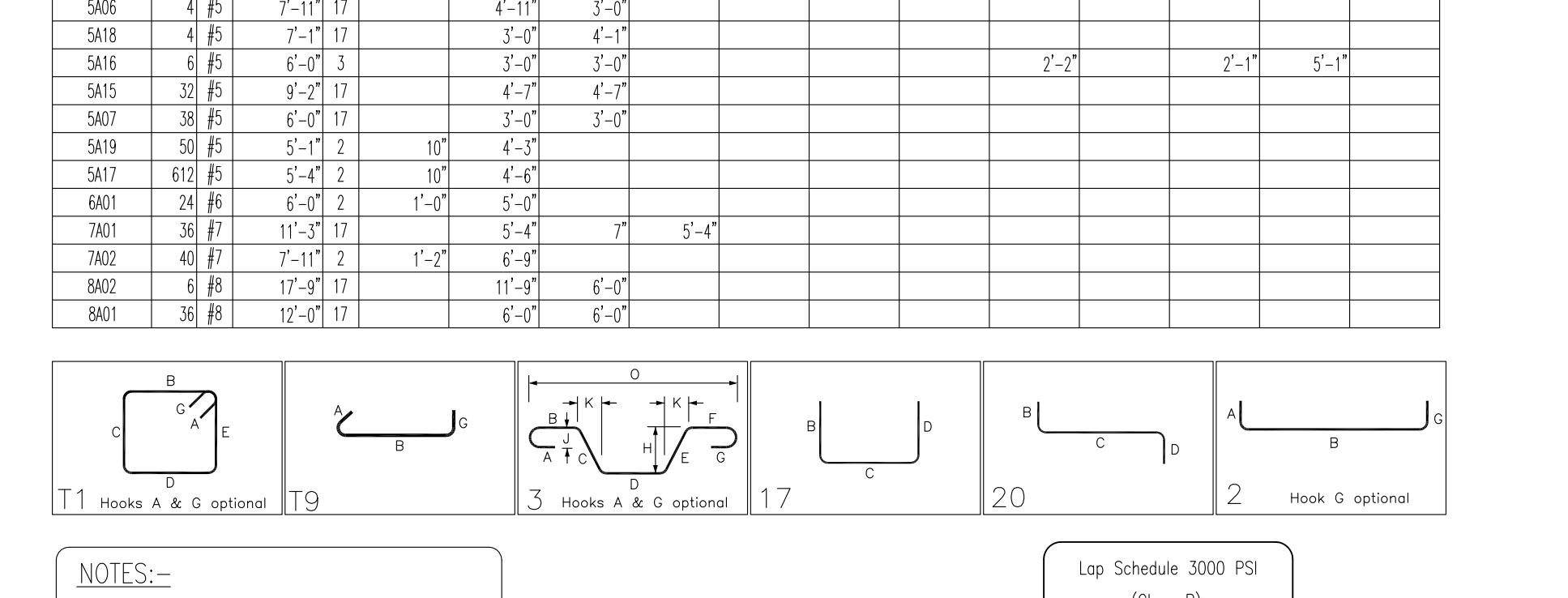
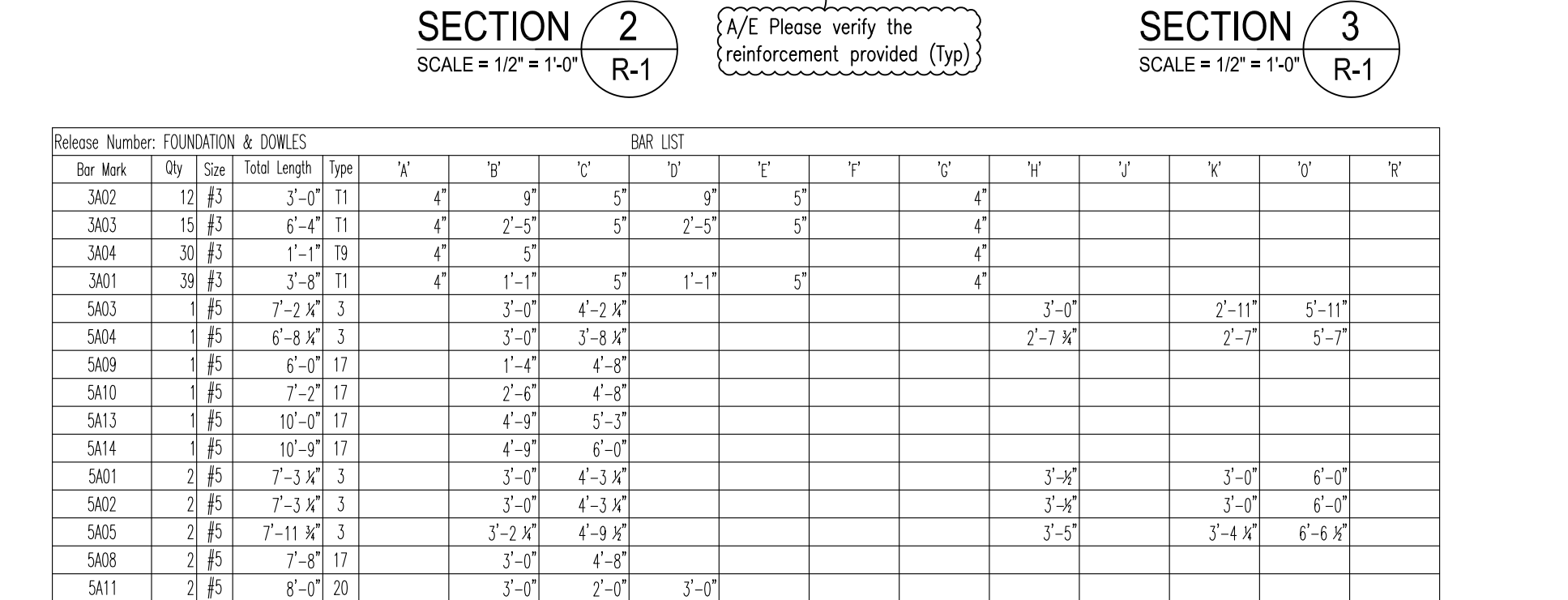
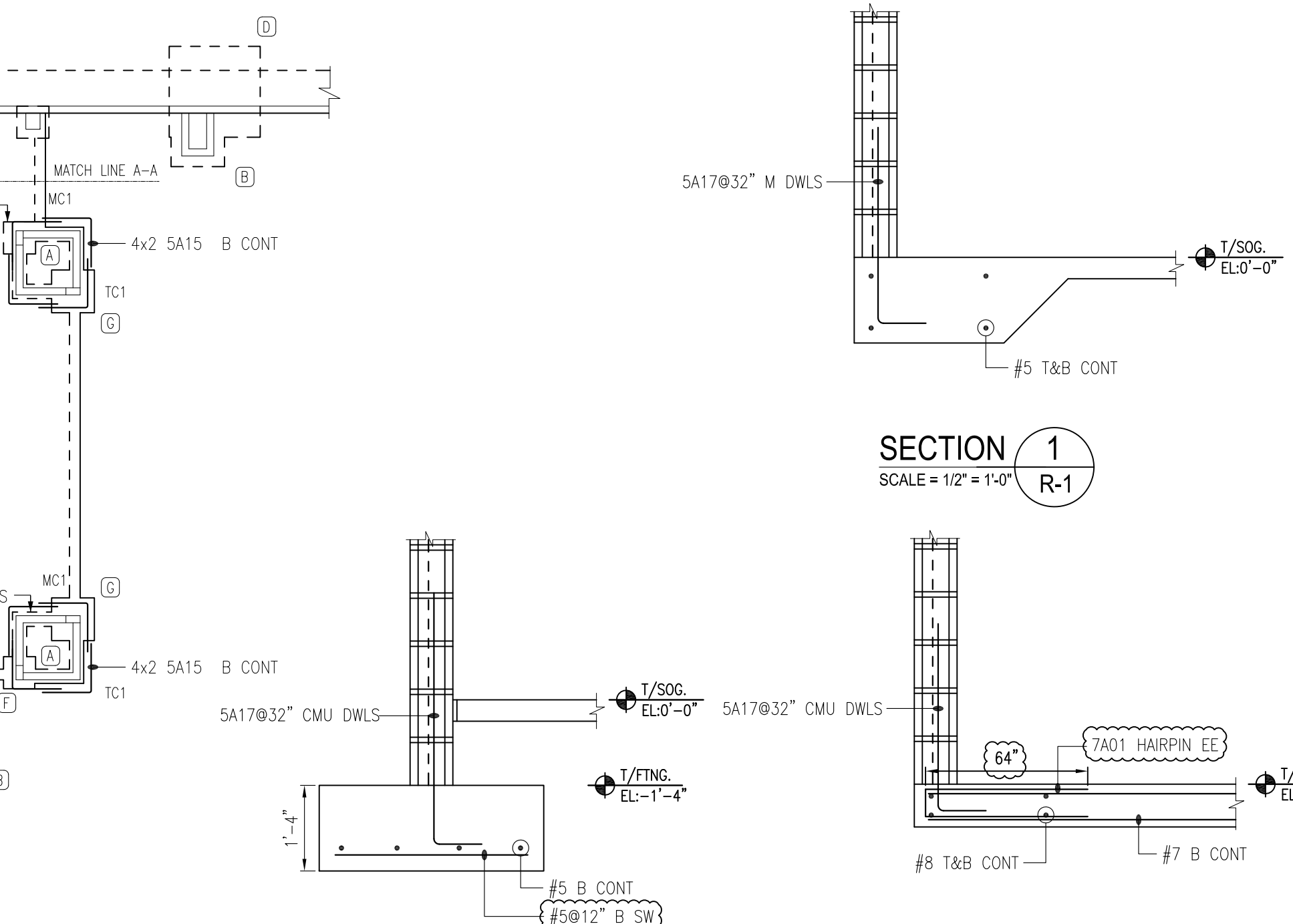
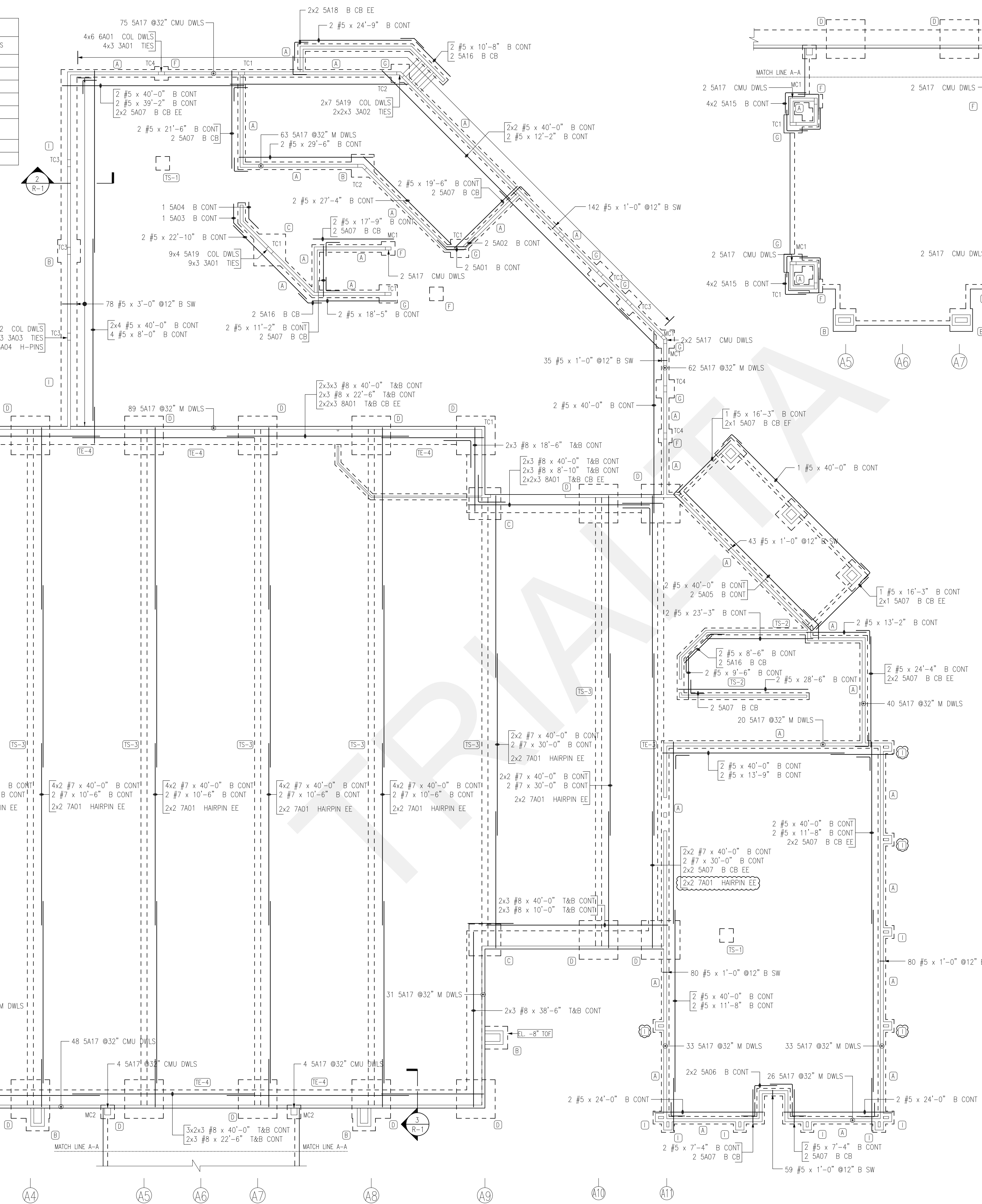
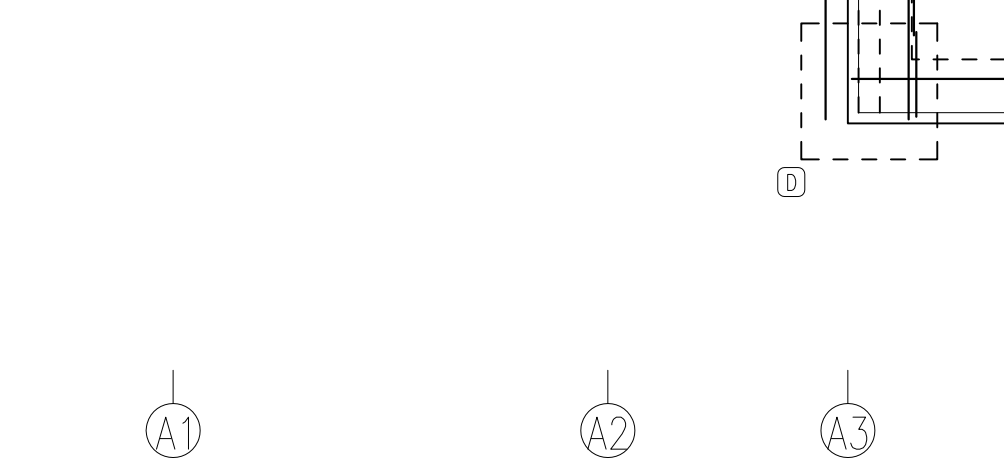
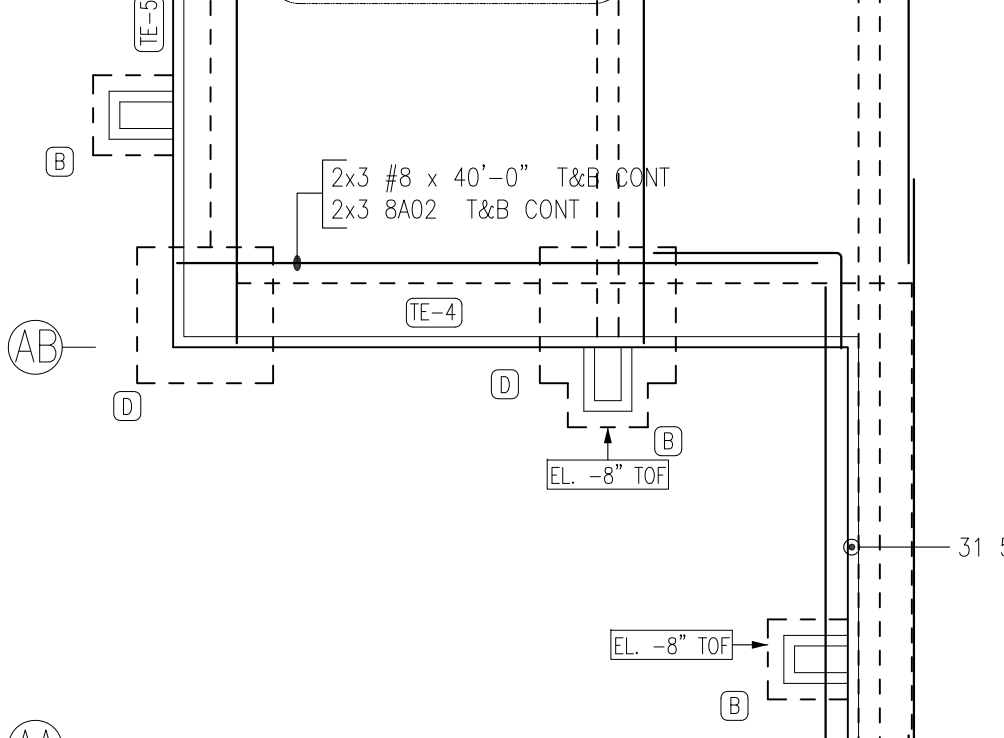
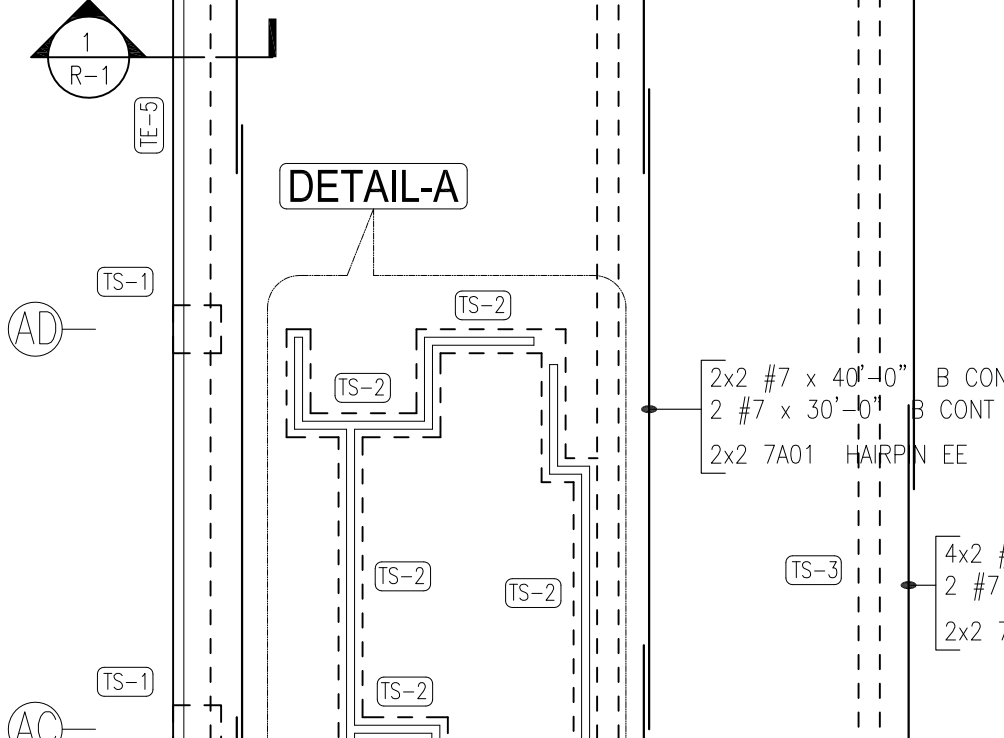
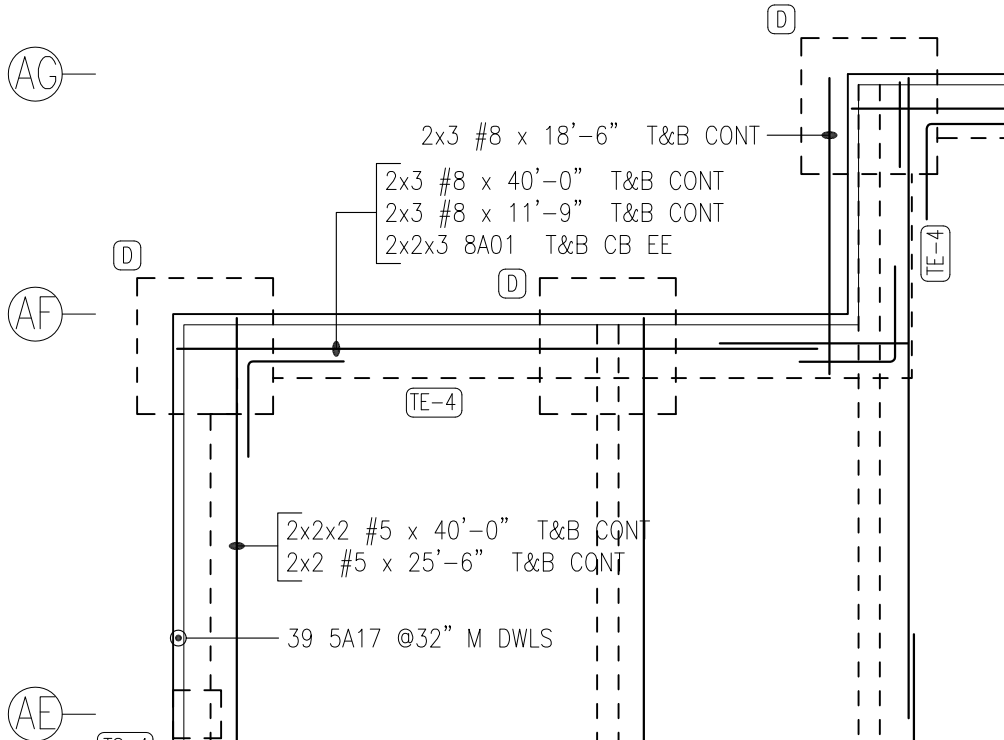
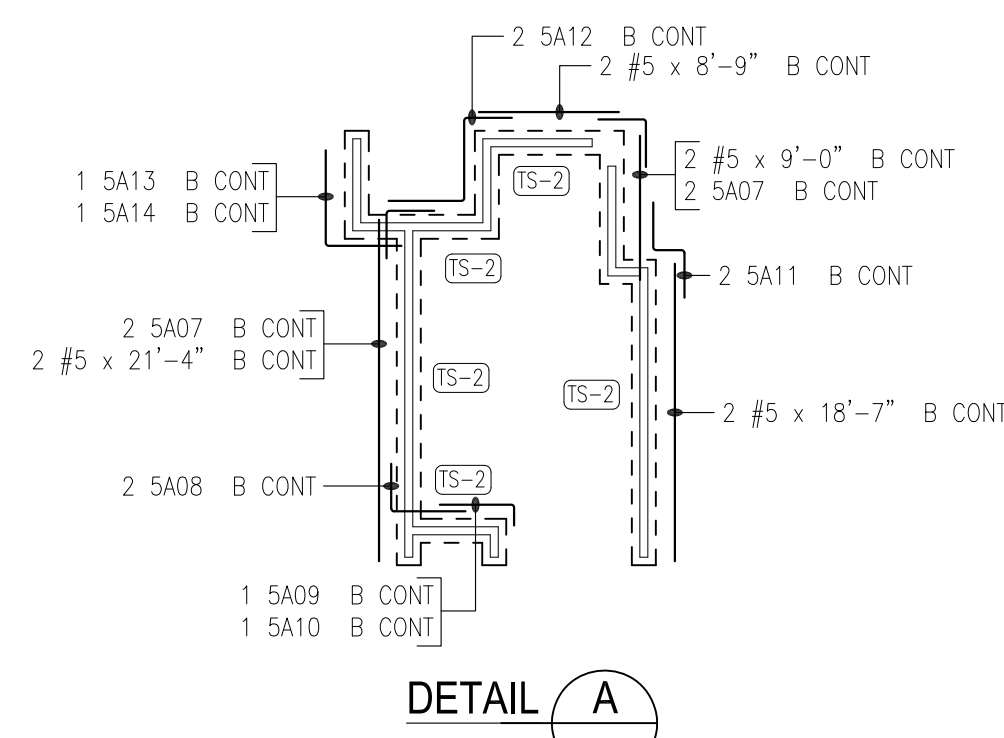
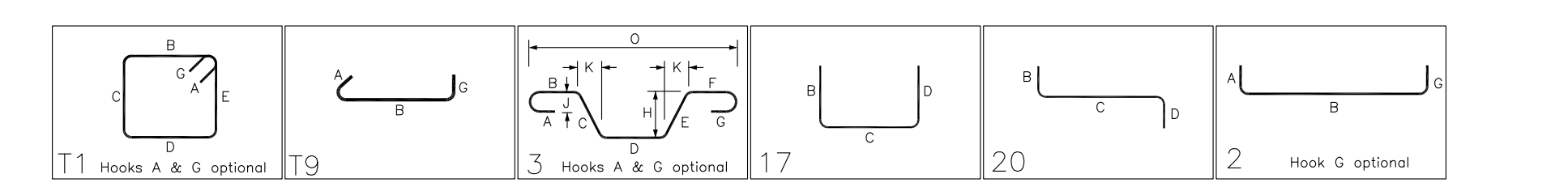


FOOTING SCHEDULE					
FOOTING MARK	SIZE OF FOOTING	NOS.	TOP OF FOOTING (U.O.N.)	REINFORCEMENT	REMARKS
B	5'-0"x5'-0"x1'-0"	13	EL. -1'-4"	13x2x4 #5 x 4'-6" B EW	
C	7'-0"x7'-0"x1'-2"	3	EL. -1'-4"	3x2x7 #5 x 6'-6" B EW	
D	8'-6"x8'-6"x2'-0"	20	EL. -1'-4"	20x2x11 #6 x 8'-0" B EW	
F	3'-0"x3'-0"x1'-0"	10	EL. -1'-4"	10x2x3 #5 x 2'-6" B EW	
G	4'-0"x4'-0"x1'-0"	10	EL. -1'-4"	10x2x4 #5 x 3'-6" B EW	
H	6'-0"x6'-0"x1'-2"	1	EL. -1'-4"	2x6 #5 x 5'-6" B EW	
I	3'-6"x3'-6"x1'-0"	11	EL. -1'-4"	11x2x4 #5 x 3'-0" B EW	
(TS-1)	3'-0"x3'-0"x1'-0"	5	EL. 0'-0"	5x2x3 #5 x 2'-6" B EW	



Release Number: FOUNDATION & DWLS		BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X'	Y'	Z'	X'	Y'	Z'
5A02	12	#3	3'-0"	T1	4'	9'	5'	9'	5'				4'
5A03	15	#3	6'-4"	T1	4'	2'-5"	5'	2'-5"	5'				4'
5A04	30	#3	1'-1"	T9	4'								4'
5A01	39	#3	3'-5"	T1	4'	1'-1"	5'	1'-1"	5'				4'
5A03	1	#5	7'-3 1/2"	3		3'-0"	4'-2 1/2"				3'-0"	2'-11"	5'-11"
5A04	1	#5	6'-8 1/2"	3		3'-0"	3'-8 1/2"				2'-7 1/2"	2'-7"	5'-7"
5A09	1	#5	6'-0"	17		1'-4"	4'-8"						
5A10	1	#5	7'-2"	17		2'-8"	4'-8"						
5A13	1	#5	10'-0"	17		4'-9"	5'-3"						
5A14	1	#5	10'-0"	17		4'-9"	6'-0"						
5A01	2	#5	7'-3 1/2"	3		3'-0"	4'-3 1/2"				3'-0"	3'-0"	6'-0"
5A02	2	#5	7'-3 1/2"	3		3'-0"	4'-3 1/2"				3'-0"	3'-0"	6'-0"
5A05	2	#5	7'-11 1/2"	3		3'-2 1/2"	4'-9 1/2"				3'-5"	3'-4 1/2"	6'-6 1/2"
5A08	2	#5	7'-8"	17		3'-0"	4'-8"						
5A11	2	#5	8'-0"	20		3'-0"	2'-0"	3'-0"					
5A12	2	#5	13'-0"	17		3'-0"	5'-3"	4'-9"					
5A06	4	#5	7'-11"	17		4'-11"	3'-0"						
5A18	4	#5	7'-1"	17		3'-0"	4'-1"						
5A16	6	#5	6'-0"	3		3'-0"	3'-0"				2'-2"	2'-1"	5'-1"
5A15	32	#5	9'-2"	17		4'-7"	4'-7"						
5A07	38	#5	6'-0"	17		3'-0"	3'-0"						
5A19	50	#5	5'-1"	2		10"	4'-3"						
5A17	612	#5	5'-4"	2		10"	4'-6"						
6A01	24	#6	6'-0"	2		1'-0"	5'-0"						
7A01	36	#7	11'-3"	17		5'-4"	7"	5'-4"					
7A02	40	#7	7'-11"	2		1'-2"	6'-9"						
8A02	6	#8	12'-9"	17		11'-9"	6'-0"						
9A01	36	#8	12'-0"	17		6'-0"	6'-0"						



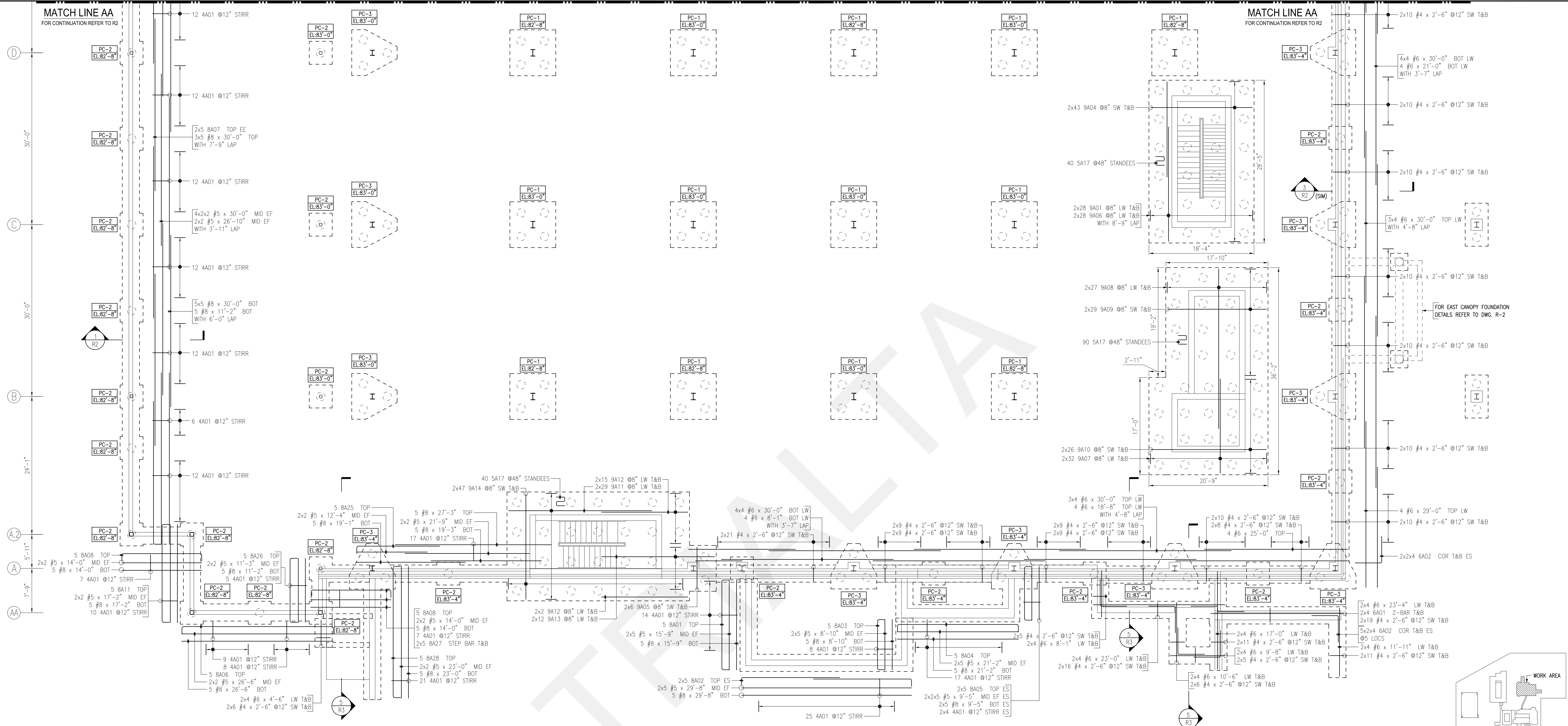
NOTES:-
 1. TYPICAL CLEARANCES
 A) For Footing 3" Cover Typ.
 2. A/E/C PLEASE VERIFY THE ALL CLOUDED ITEMS
 4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

ASTM 615 - GR 60 - BLK
APPROVAL

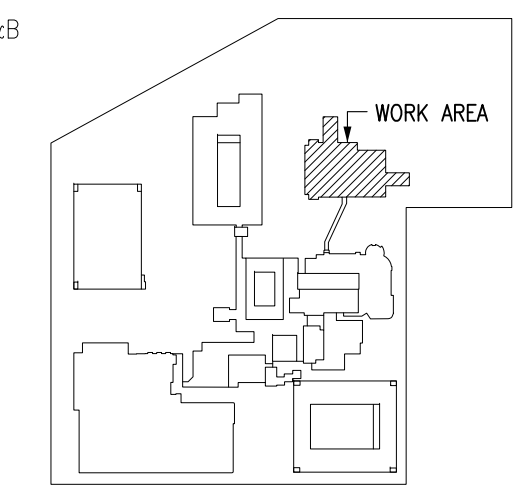
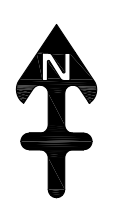
Lap Schedule 3000 PSI (Class B)		
Size	Top bars	Other bars
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"

QTY PER LOCATION
 LABEL: CONT: 2x1#5 20-00 (STOCK)
 LOCATIONS REQUIRED: BAR LENGTH (or) MARK no.
 PLACING REMARK: BAR SIZE

FOUNDATION PLAN
 SCALE = 1/12" = 1'-0"
 REF SHEETS: S1-10 thru S5-13
 CDS ARE DATED ON 03/02/15



OFFICE BUILDING-FOUNDATION PLAN
 (SHOWING PILE CAP & GRADE BEAMS REINFORCEMENT)
 SCALE = 1/8" = 1'-0"
 REF SHEETS: S0-1 thru S1-3L & A1-1N thru A5-6
 CDS ARE DATED ON 09/02/16



KEY PLAN
 SCALE = N.T.S.

ALL MATERIAL ON THIS DRAWING
 ASTM A615
 GRADE 60 BLACK U.N.O.

FOR APPROVAL

PILECAP REINFORCEMENT TABLE-A

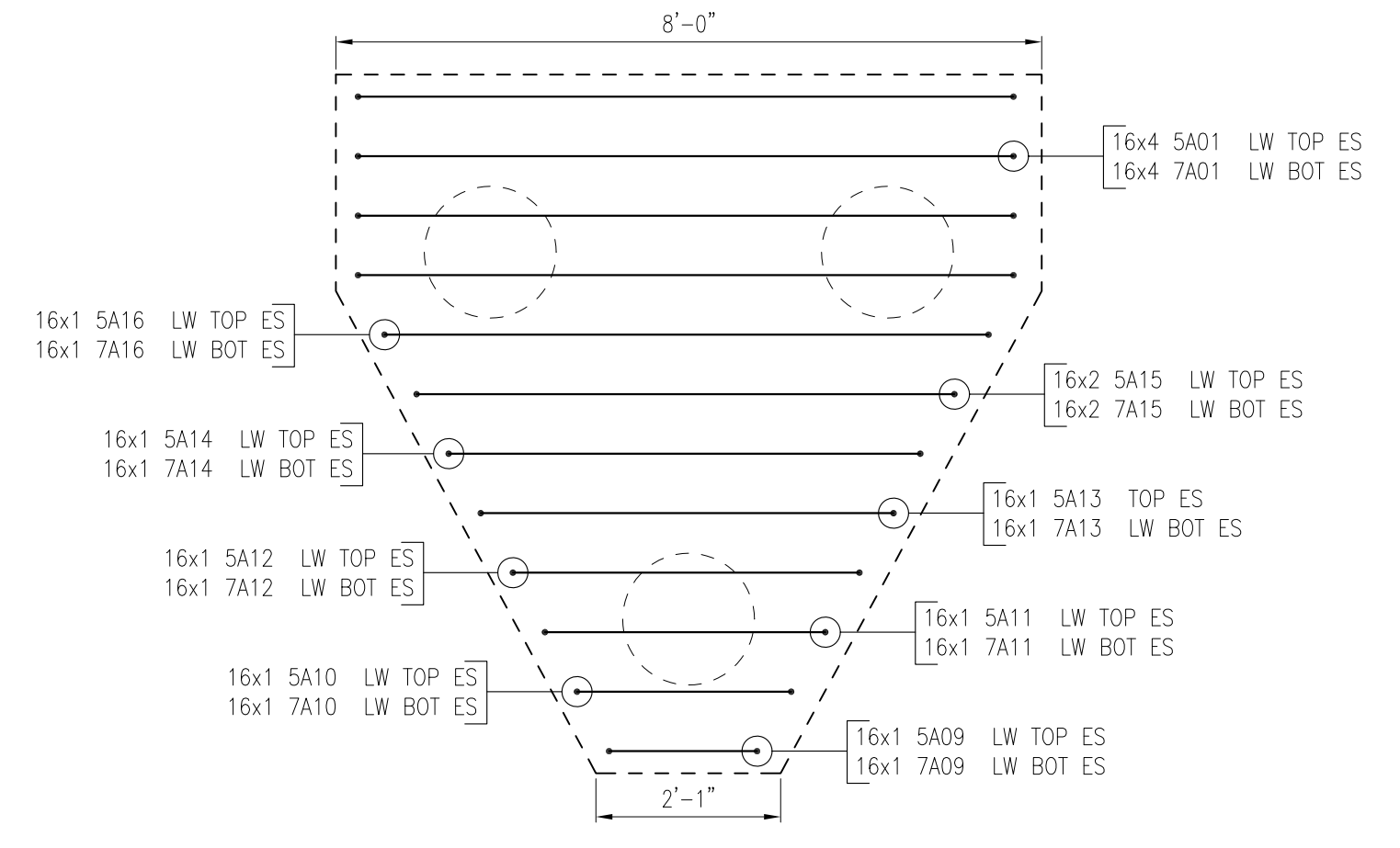
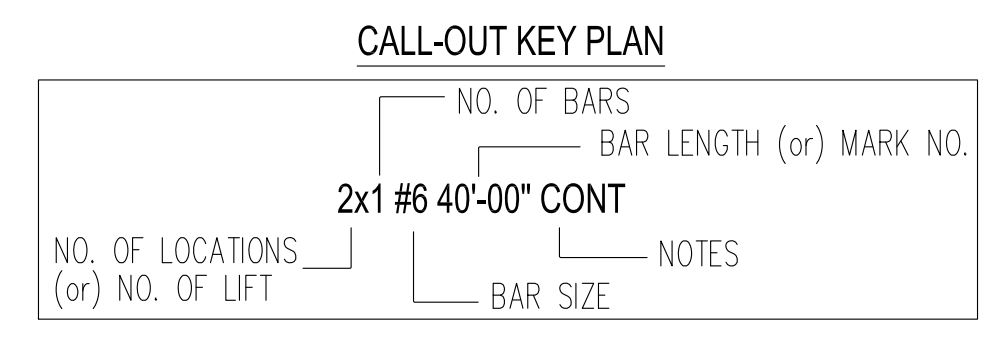
PILECAP MARK	QTY	SIZE (LxBxD)	REINFORCEMENT
PC-1	13	8'-0"x8'-0"x4'-0"	13x28 5A01 TOP 14EW 13x28 7A01 BOT 14EW 13x4 4A04 STANDEES
PC-2	51	4'-0"x4'-0"x4'-0"	51x12 5A02 TOP 6EW 51x12 7A02 BOT 6EW 51x2 4A04 STANDEES
PC-3	16	8'-0"xVARIOUSx4'-0"	REFER TO DETAIL PC-3A
PC-4	2	10'-6"x4'-0"x4'-0"	2x6 5A18 TOP LW 2x12 5A02 TOP SW 2x6 7A17 BOT LW 2x12 7A02 BOT SW 2x4 4A04 STANDEES
PC-5	6	7'-6"x4'-0"x4'-0"	6x6 5A19 TOP LW 6x9 5A02 TOP SW 6x6 7A18 BOT LW 6x9 7A02 BOT SW 6x4 4A04 STANDEES
PC-6	2	3'-0"x3'-0"x4'-0"	2x8 5A10 TOP 4EW 2x8 7A10 BOT 4EW 2x2 4A04 STANDEES

FOR BAR BENDING SCHEDULE
 REFER TO DWG # R-4

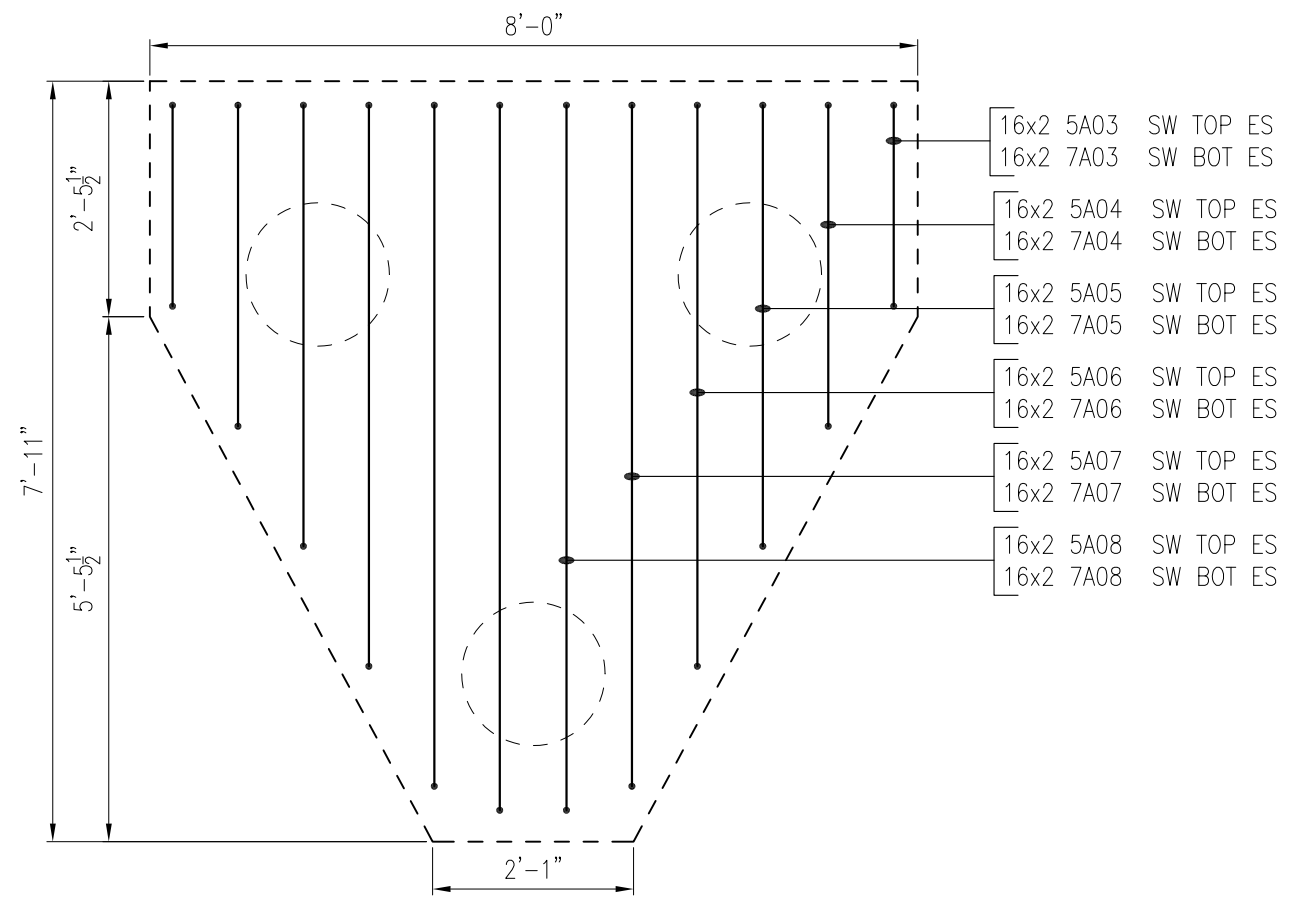
- NOTES:-**
- TYPICAL CLEARANCES
 - FOR G-BEAM COVER AT BOTTOM TYP.
 - FOR G-BEAM COVER AT SIDES & TOP TYP.
 - FOR WALL 2" COVER FOR SIDES & TOP TYP.
 - FOR SLAB 1" COVER FOR ALL SIDES TYP.
 - A/E/C PLEASE VERIFY THE ALL COVERED ITEMS
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED
 - FIELD OUT/BEND BARS TO SUITE AT REQUIRED LOCATIONS

Lap Schedule 3000 PSI
 (Class B)

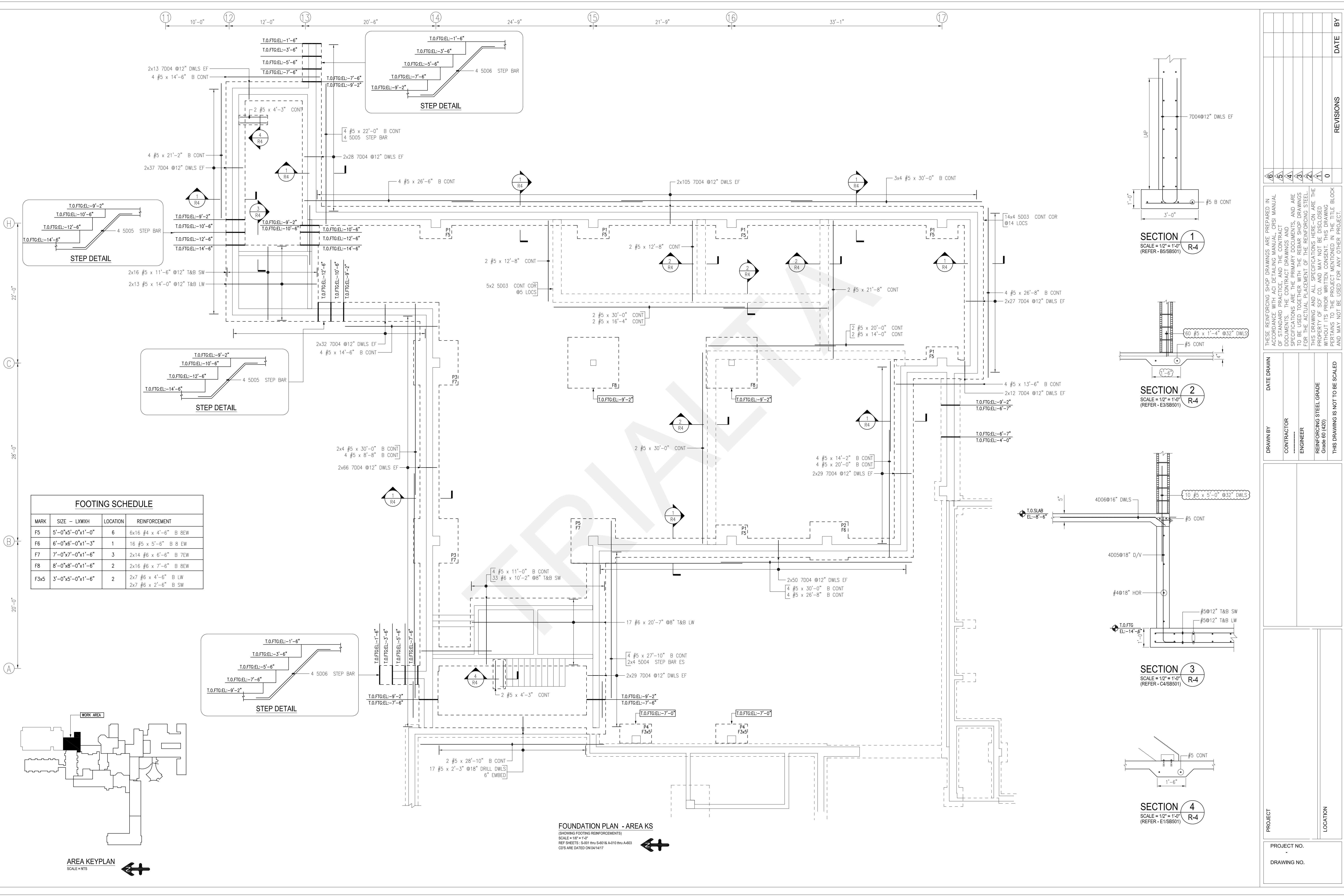
Size	Top bars	Other bars
#3	28"	22"
#4	37"	29"
#5	47"	36"
#6	56"	43"
#7	81"	63"
#8	93"	72"
#9	105"	81"
#10	118"	91"
#11	131"	101"



DETAIL-PC-3A
 (TYPICAL @16 LOCATIONS)
 (SHOWING LONG WAY REINF.)
 SCALE = 1/2" = 1'-0"

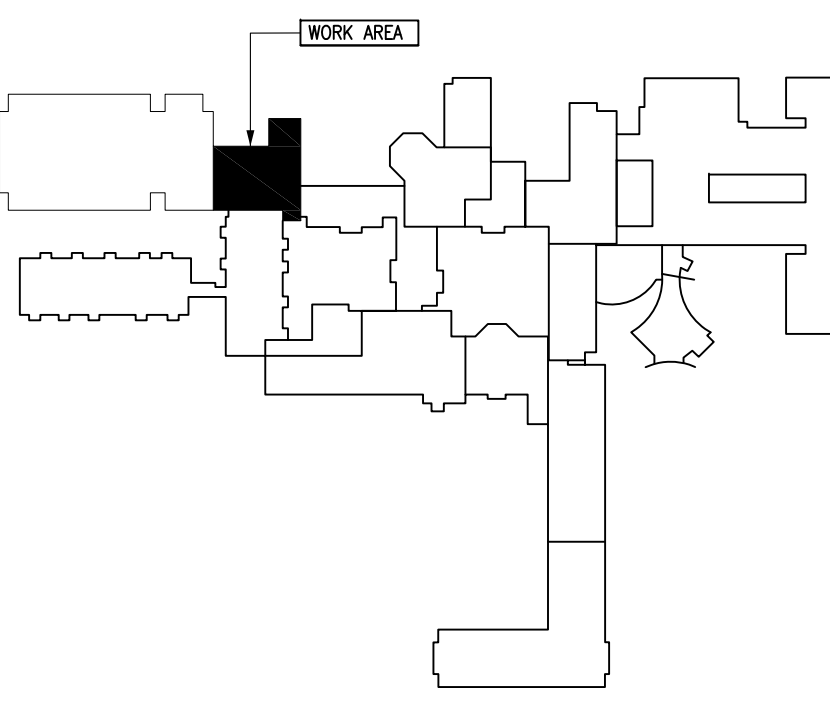


DETAIL-PC-3A
 (TYPICAL @16 LOCATIONS)
 (SHOWING SHORT WAY REINF.)
 SCALE = 1/2" = 1'-0"



FOOTING SCHEDULE

MARK	SIZE - LxWxH	LOCATION	REINFORCEMENT
F5	5'-0"x5'-0"x1'-0"	6	6x16 #4 x 4'-6" B 8EW
F6	6'-0"x6'-0"x1'-3"	1	16 #5 x 5'-6" B 8 EW
F7	7'-0"x7'-0"x1'-6"	3	2x14 #6 x 6'-6" B 7EW
F8	8'-0"x8'-0"x1'-6"	2	2x16 #6 x 7'-6" B 8EW
F3x5	3'-0"x5'-0"x1'-6"	2	2x7 #6 x 4'-6" B LW 2x7 #6 x 2'-6" B SW



FOUNDATION PLAN - AREA KS
 (SHOWING FOOTING REINFORCEMENTS)
 SCALE = 1/8" = 1'-0"
 REF SHEETS: S-001 thru S-6018 A-010 thru A-603
 CDS ARE DATED ON 04/14/17

SECTION 1
 SCALE = 1/2" = 1'-0"
 (REFER - B5/SB501)

SECTION 2
 SCALE = 1/2" = 1'-0"
 (REFER - E3/SB501)

SECTION 3
 SCALE = 1/2" = 1'-0"
 (REFER - C4/SB501)

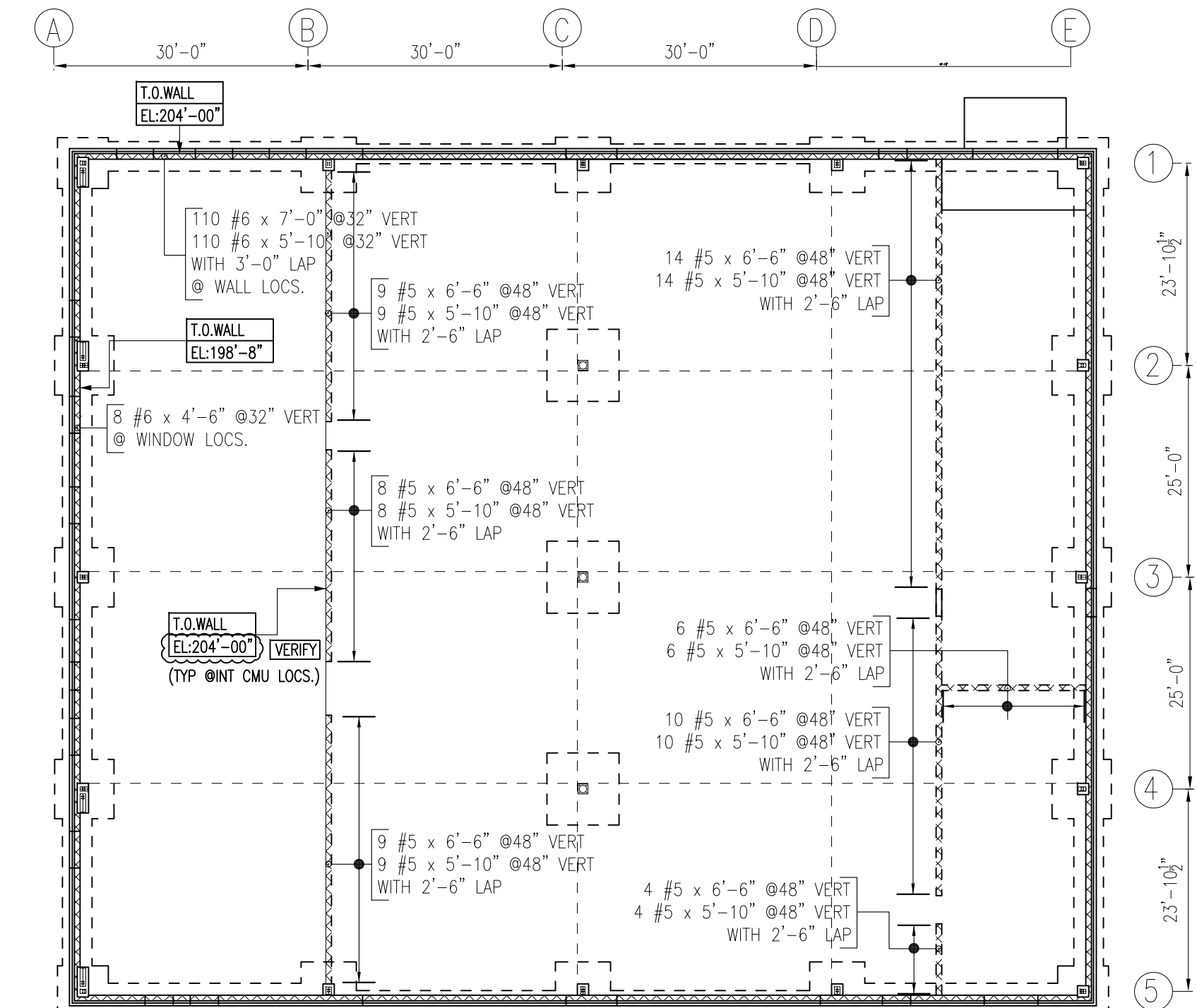
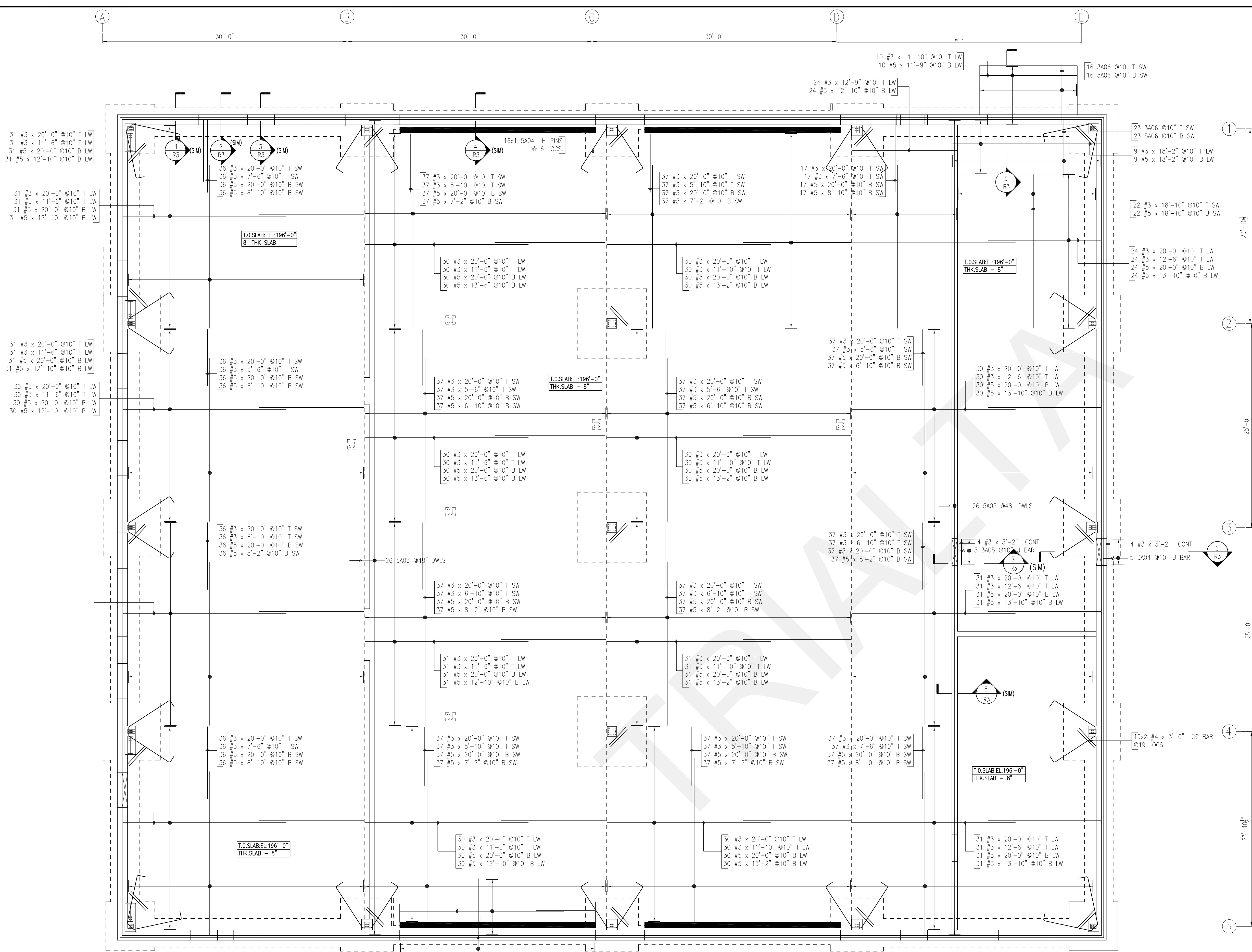
SECTION 4
 SCALE = 1/2" = 1'-0"
 (REFER - E1/SB501)

DATE DRAWN	CONTRACTOR	ENGINEER	REINFORCING STEEL GRADE	THIS DRAWING IS NOT TO BE SCALED
			Grade 60 (420)	

NO.	REVISIONS	DATE	BY
0			

PROJECT	LOCATION
PROJECT NO.	DRAWING NO.

THESE REINFORCING SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE AND THE CONTRACT DOCUMENTS. THE CONTRACT DOCUMENTS AND SHOP DRAWINGS TOGETHER WITH THE REBAR SHOP DRAWINGS FOR THE ACTUAL PLACEMENT OF THE REINFORCING STEEL. THIS DRAWING AND ALL SPECIFICATIONS HEREON ARE THE PROPERTY OF SCF CO. AND MAY NOT BE DISCLOSED WITHOUT ITS PRIOR WRITTEN CONSENT. THIS DRAWING PERTAINS TO THE PROJECT MENTIONED IN THE TITLE BLOCK AND MAY NOT BE USED FOR ANY OTHER PROJECT.



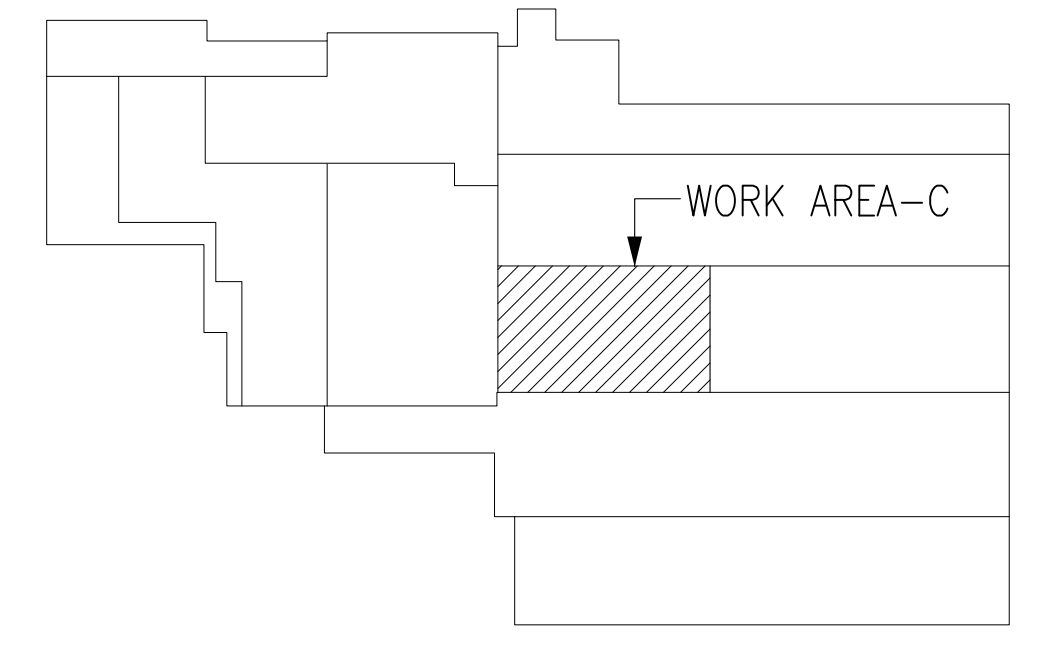
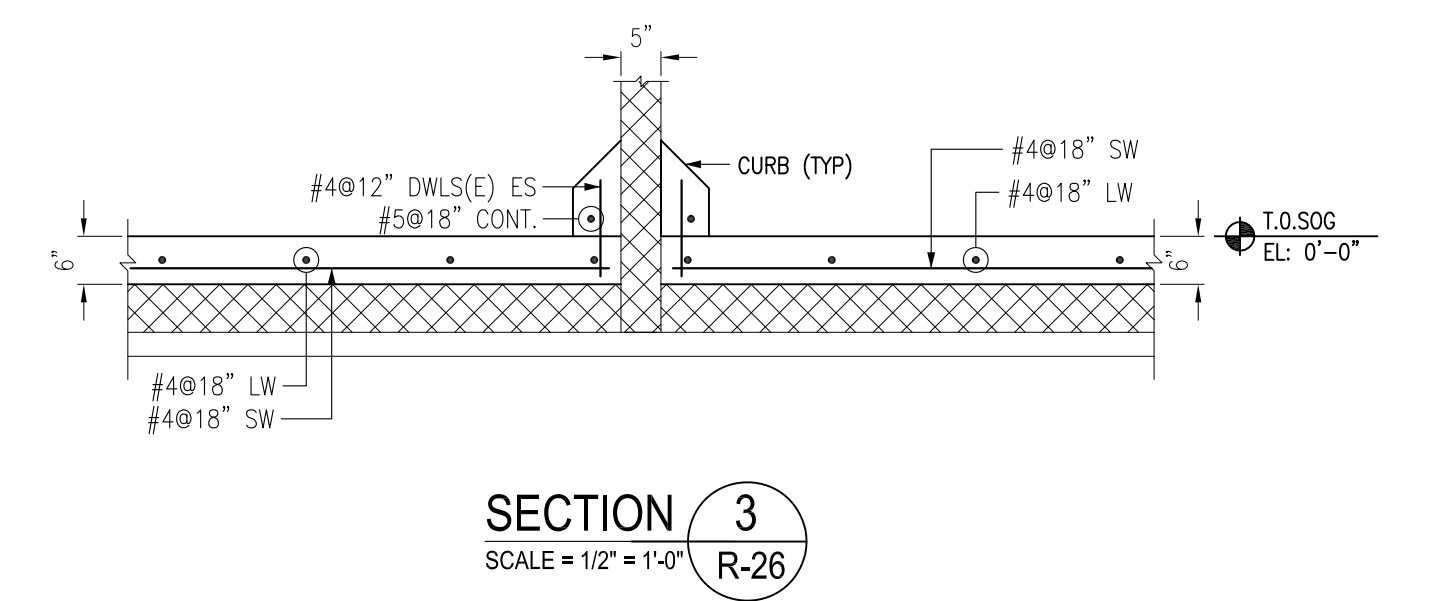
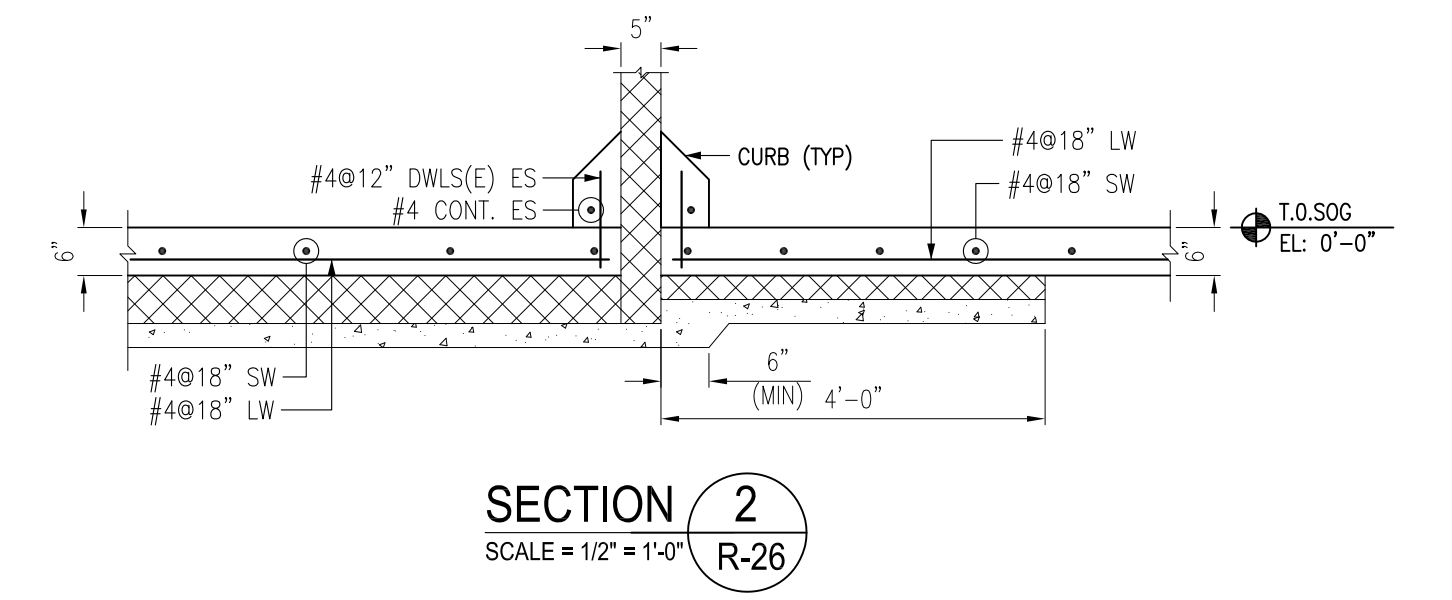
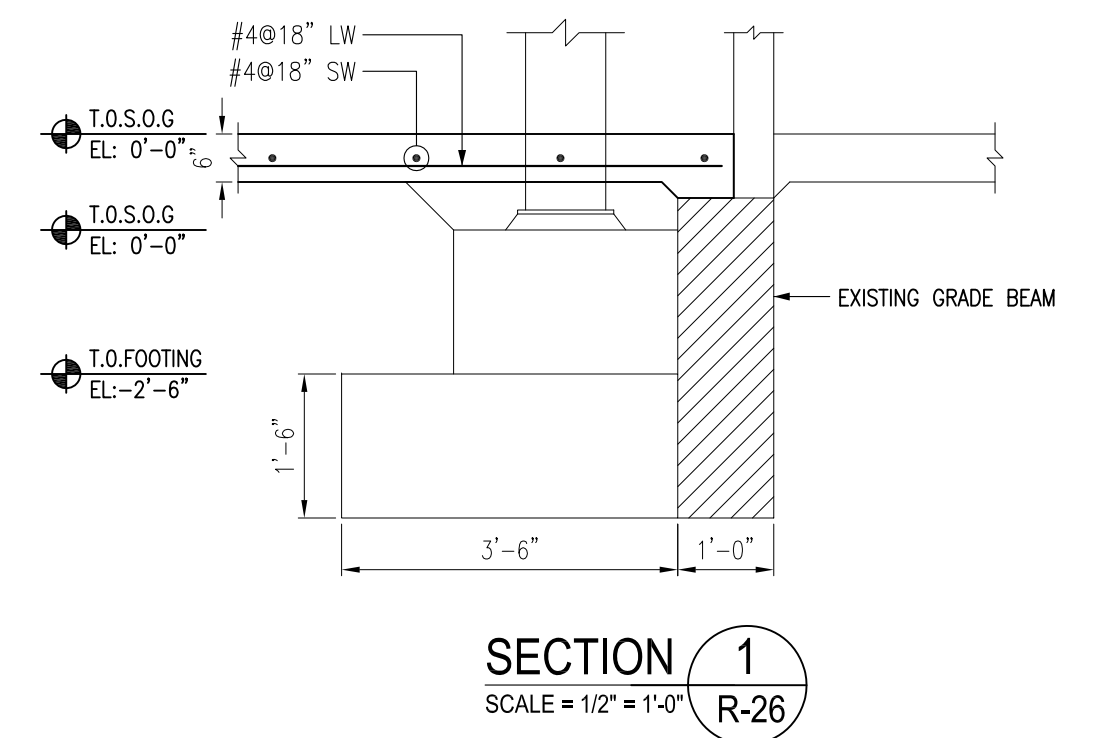
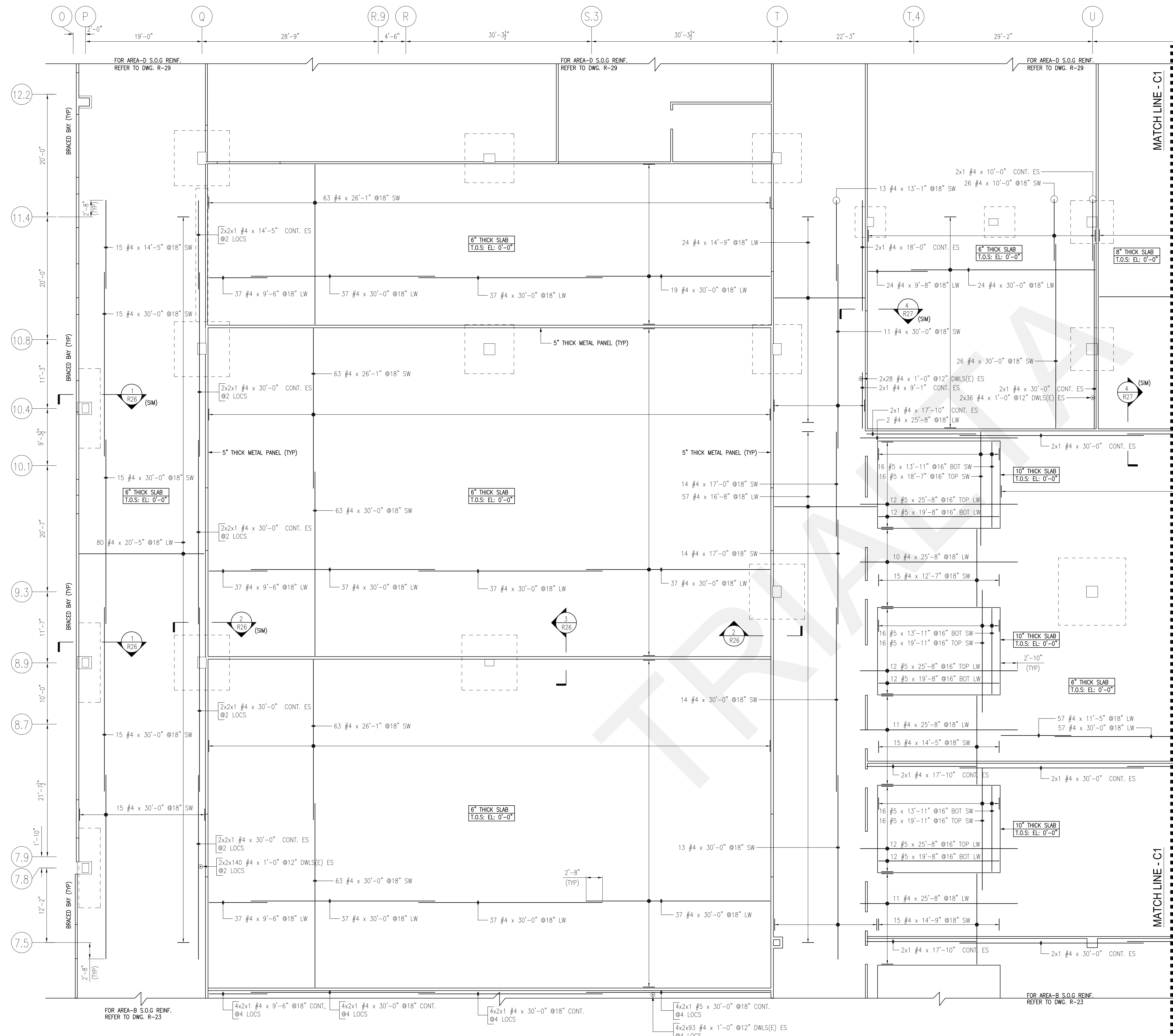
FOUNDATION PLAN
(SHOWING CMU WALL REINFORCEMENT)
SCALE = 1/16" = 1'-0"

ASTM 615 - GR 60 - BLK
APPROVAL

CALL-OUT KEY PLAN
 LABEL — QTY PER LOCATION — BAR LENGTH (or) MARK NO.
 CONT: 2x1#5 20-00 (STOCK) — PLACING REMARK
 LOCATIONS REQUIRED — BAR SIZE

Lap Schedule 4000 PSI (Class B)		
Size	Top bars	Other bars
#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"

FOUNDATION PLAN
(SHOWING SLAB ON GRADE REINFORCEMENT)
SCALE = 1/8" = 1'-0"
REF SHEETS: S101 thru S402
CDS ARE DATED ON 10/02/2014



KEY PLAN
N.T.S.

CALL-OUT KEY PLAN



FOR BAR BENDING SCHEDULE
REFER TO DWG # R-27

- NOTES:-**
1. TYPICAL CLEARANCES
 2. A/E/C PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED
 5. FIELD CUT&BEND THE BAR AT SITE, IF NEED

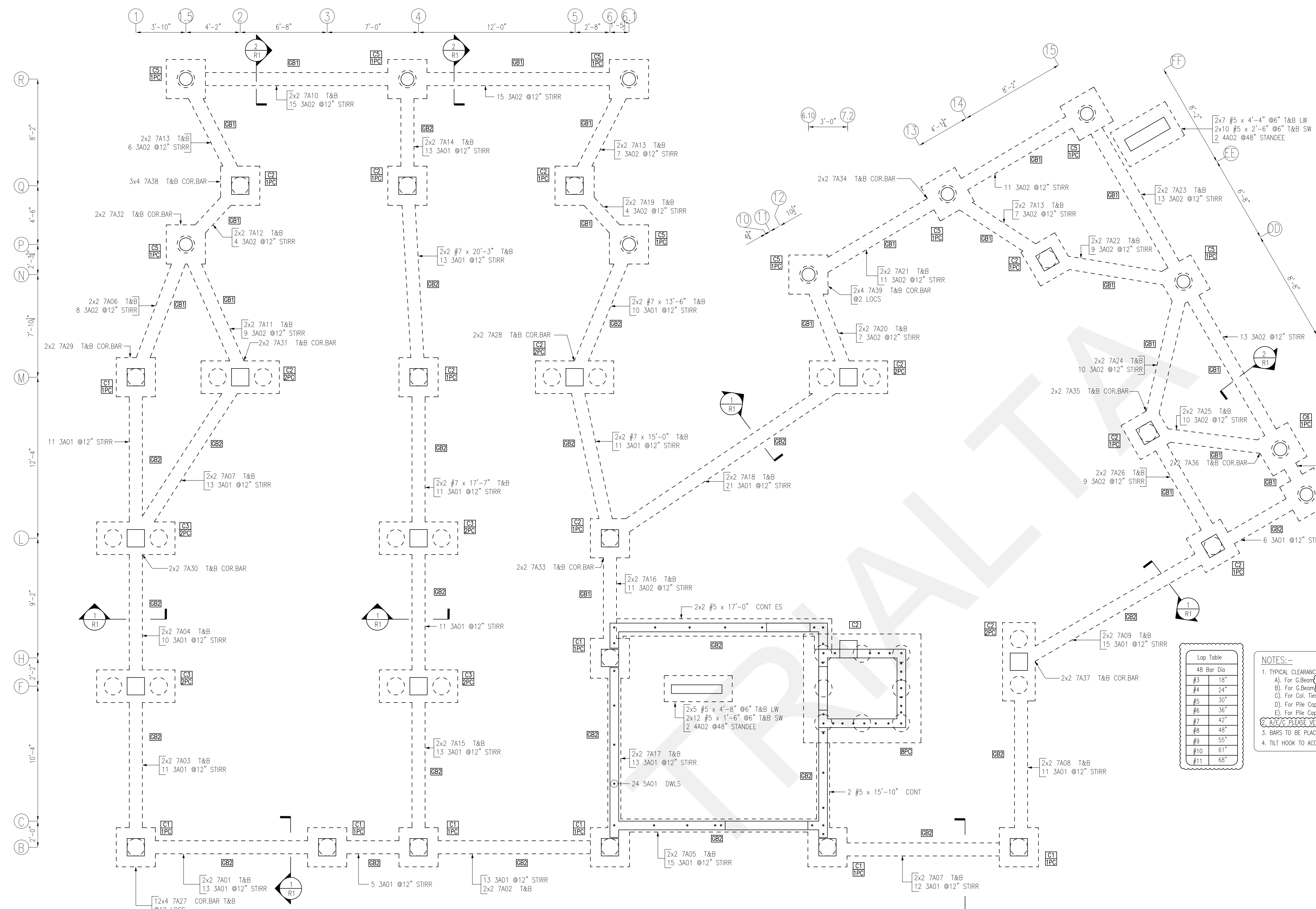
Size	Top bars	Other bars
#3	24"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

ALL MATERIAL ON THIS DRAWING
ASTM A615
GRADE 60 BLACK U.N.O.

FOR APPROVAL

PARTIAL FOUNDATION PLAN - (AREA - C)
(SHOWING S.O.G. REINFORCEMENT)
SCALE = 1/8" = 1'-0"
REF SHEETS: S1001 thru S7002 & A1100 thru A8428
CDS ARE DATED ON 02/01/16



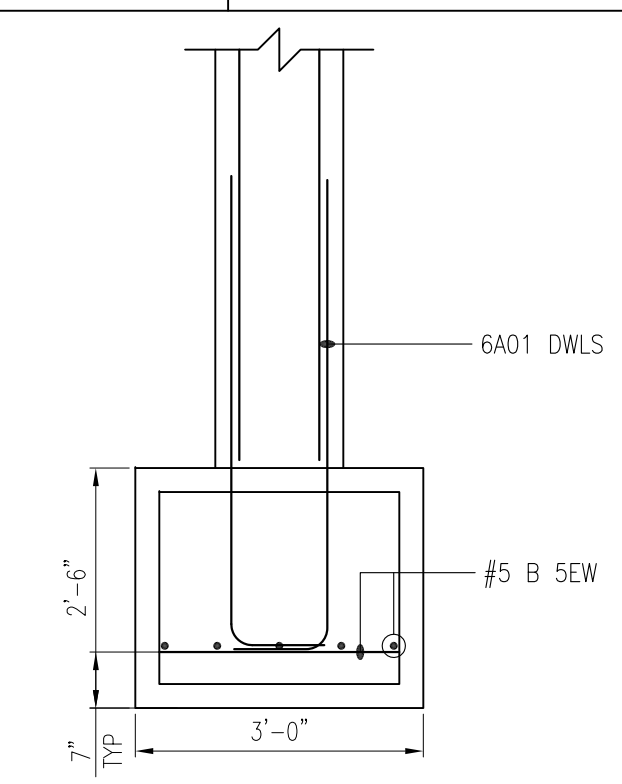


PILE CAP REINFORCEMENT TABLE-A:

PC.MARK	QTY	SIZE	REINFORCEMENT
1PC	27	3'-0"x3'-0"x2'-6"	27x10 #5 x 2'-6" B SEW
2PC	8	6'-0"x2'-6"x2'-6"	8x16 #5 x 2'-0" SW 6T&B 8x8 #7 x 5'-6" LW 4T&B 8x2 4A01 #48" STANDEE
8PC	1	8'-0"x8'-0"x1'-4"	16 #7 x 8'-6" B LW 16 #7 x 7'-10" B SW

PLAN LOCATIONS : COLUMNS

TABLE	RQ	PL QTY	SIZE LENGTH	BAR MARK	PLACING NOTES
C-1	8		CROSS REF: C-1A 8x4 6A01 DWLS		START @-4'-0"
C-2	13		CROSS REF: C-1B 16x6 6A01 DWLS		START @-4'-0"
C-3	4		CROSS REF: C-1C 4x8 5A02 DWLS		START @-4'-0"
C-5	9		CROSS REF: C-1D 9x4 6A01 DWLS		START @-4'-0"
C-6	2		CROSS REF: C-3A 2x6 6A01 DWLS		START @-4'-0"



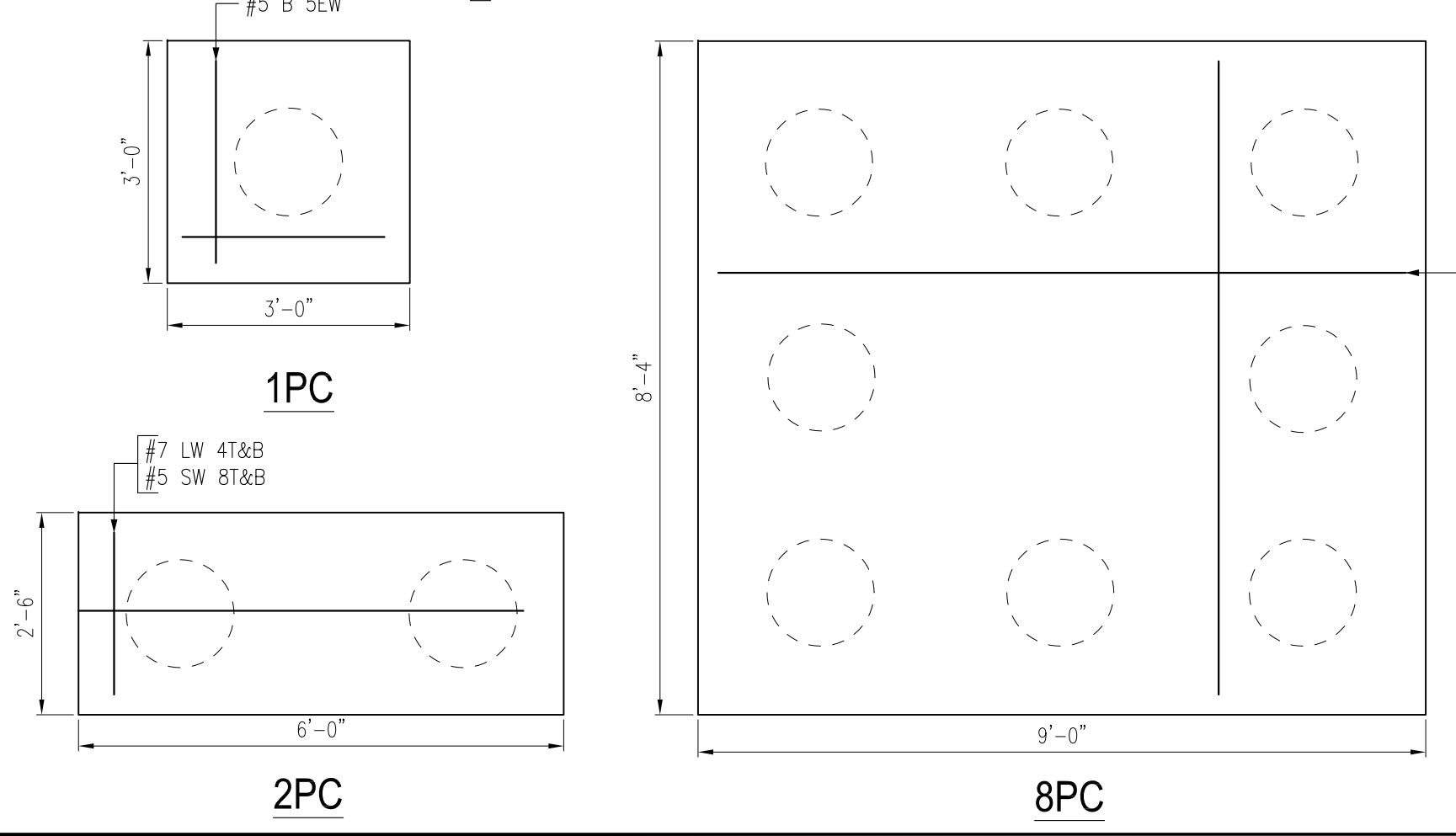
TYP COLUMN SECTION
SCALE = 1/2" = 1'-0"

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	BAR LIST	X	Y	Z	X	Y	Z
3A01	308	#3	5'-2"	11	4"	8"	1'-7"							
3A02	207	#3	3'-10"	11	4"	8"	11"							
4A01	16	#4	7'-1"	25	1'-4"	1'-6 1/2"	1'-4"							
4A02	4	#4	5'-10 1/2"	25	1'-4"	11 1/2"	1'-4"							
5A01	24	#5	4'-1"	2	10"	5'-3"								
5A02	32	#5	5'-3"	2	10"	4'-5"								
6A01	176	#6	5'-11"	2	1'-0"	4'-11"								
7A01	4	#7	25'-10"	2	1'-2"	25'-8"								
7A02	4	#7	19'-10"	2	1'-2"	18'-8"								
7A03	4	#7	17'-3"	2	1'-2"	16'-1"								
7A04	4	#7	28'-7"	2	1'-2"	27'-5"								
7A05	4	#7	18'-10"	2	1'-2"	18'-8"								
7A06	4	#7	15'-10"	2	1'-2"	15'-8"								
7A07	8	#7	19'-6"	2	1'-2"	17'-2"								
7A08	4	#7	20'-6"	2	1'-2"	18'-2"								
7A09	4	#7	29'-10"	2	1'-2"	27'-6"								
7A10	4	#7	38'-10"	2	1'-2"	36'-6"								
7A11	4	#7	15'-11"	2	1'-2"	15'-7"								
7A12	4	#7	12'-1"	2	1'-2"	9'-9"								
7A13	12	#7	14'-4"	2	1'-2"	12'-2"								
7A14	4	#7	13'-4"	2	1'-2"	12'-2"								
7A15	4	#7	28'-10"	2	1'-2"	27'-8"								
7A16	4	#7	14'-1"	2	1'-2"	11'-9"								
7A17	4	#7	19'-4"	2	1'-2"	17'-0"								
7A18	4	#7	26'-10"	2	1'-2"	24'-6"								
7A19	4	#7	11'-2"	2	1'-2"	8'-10"								
7A20	4	#7	13'-3"	2	1'-2"	10'-11"								
7A21	4	#7	29'-4"	2	1'-2"	27'-0"								
7A22	4	#7	15'-8"	2	1'-2"	13'-4"								
7A23	4	#7	38'-6"	2	1'-2"	36'-2"								
7A24	4	#7	17'-0"	2	1'-2"	14'-8"								
7A25	4	#7	15'-4"	2	1'-2"	13'-0"								
7A26	4	#7	14'-10"	2	1'-2"	12'-6"								
7A27	48	#7	7'-0"	17	3'-6"	3'-6"								
7A28	4	#7	7'-0"	3	3'-6"	3'-6"								
7A29	4	#7	7'-0"	3	3'-6"	3'-6"								
7A30	4	#7	7'-0"	3	3'-6"	3'-6"								
7A31	4	#7	7'-0"	3	3'-6"	3'-6"								
7A32	4	#7	7'-0"	3	3'-6"	3'-6"								
7A33	4	#7	7'-0"	3	3'-6"	3'-6"								
7A34	4	#7	7'-0"	3	3'-6"	3'-6"								
7A35	4	#7	7'-0"	3	3'-6"	3'-6"								
7A36	4	#7	7'-0"	3	3'-6"	3'-6"								
7A37	4	#7	7'-0"	3	3'-6"	3'-6"								
7A38	12	#7	7'-0"	3	3'-6"	3'-6"								
7A39	8	#7	7'-0"	3	3'-6"	3'-6"								

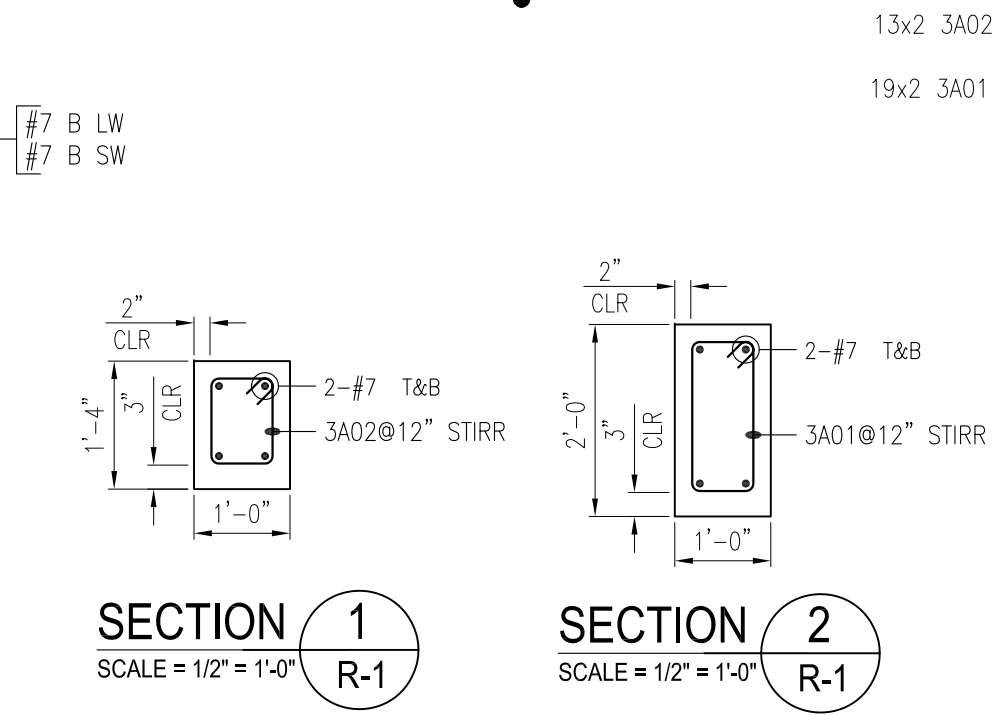
Lap Table

48 Bar Dia	Bar Mark	Qty	Size	Total Length
#3	18"			
#4	24"			
#5	30"			
#6	36"			
#7	42"			
#8	48"			
#9	55"			
#10	61"			
#11	68"			

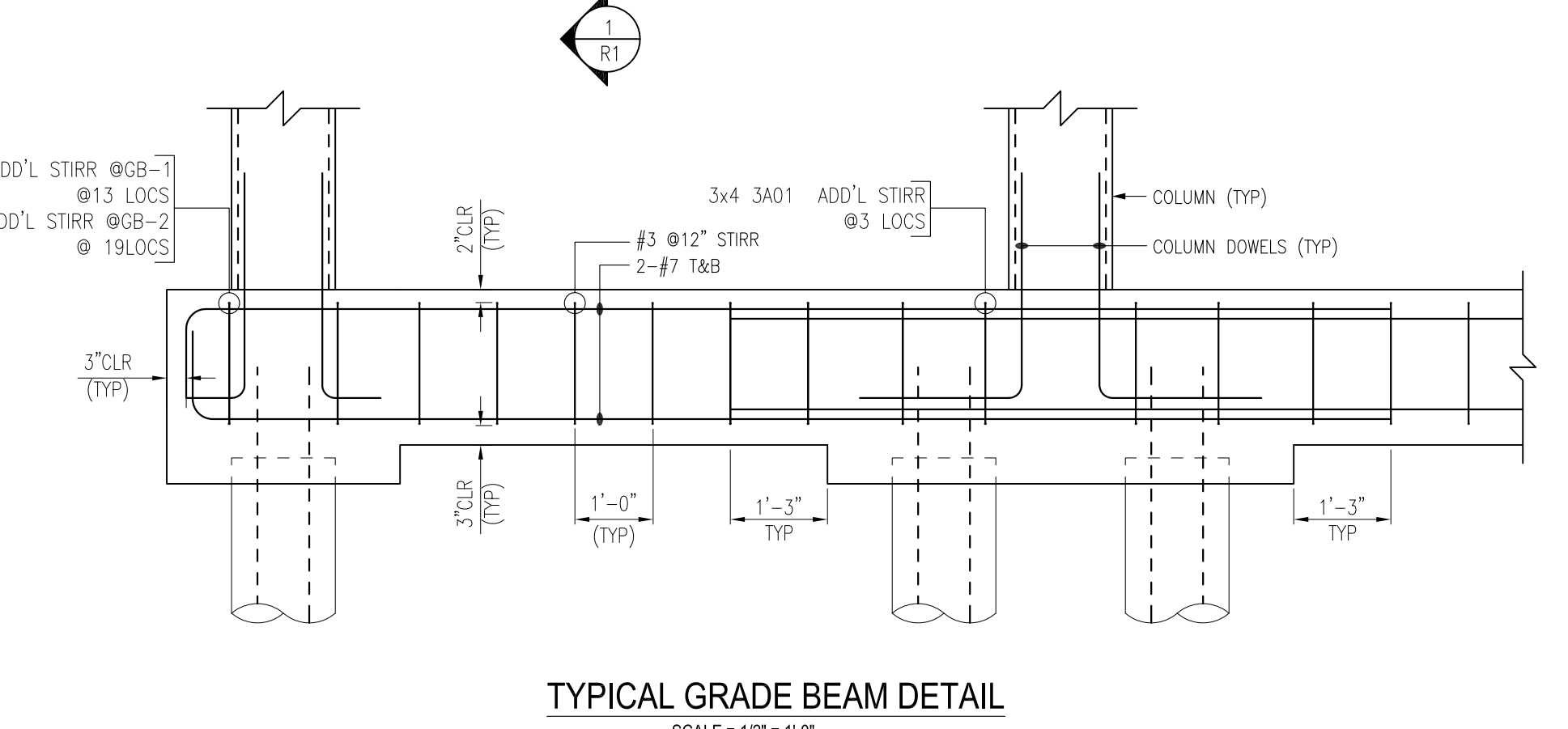
- NOTES:-**
- TYPICAL CLEARANCES
 - For G.Beam (1) Cover At Bottom & Top Typ.
 - For G.Beam (2) Cover At Top Typ.
 - For Col. Ties 1/2" Cover For Sides Typ.
 - For Pile Cap (1) Cover At Sides & Top Typ.
 - For Pile Cap (2) Cover For Bottom Typ.
 - ALL T&B PLEASE VERIFY THE ALL CLOTTED ITEMS
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED



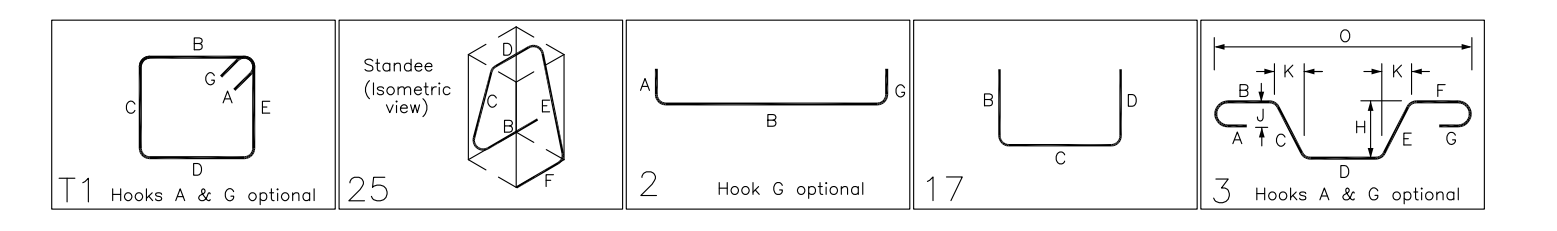
FOUNDATION PLAN
SCALE = 1/4" = 1'-0"
REF SHEETS: S1.0 thru S1.4 & A0 thru A7.7
CDS ARE DATED ON 11/07/16



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



TYPICAL GRADE BEAM DETAIL
SCALE = 1/2" = 1'-0"



ASTM 615 - GR 60 - BLK

APPROVAL

CALL-OUT KEY PLAN

LOCATIONS REQUIRED

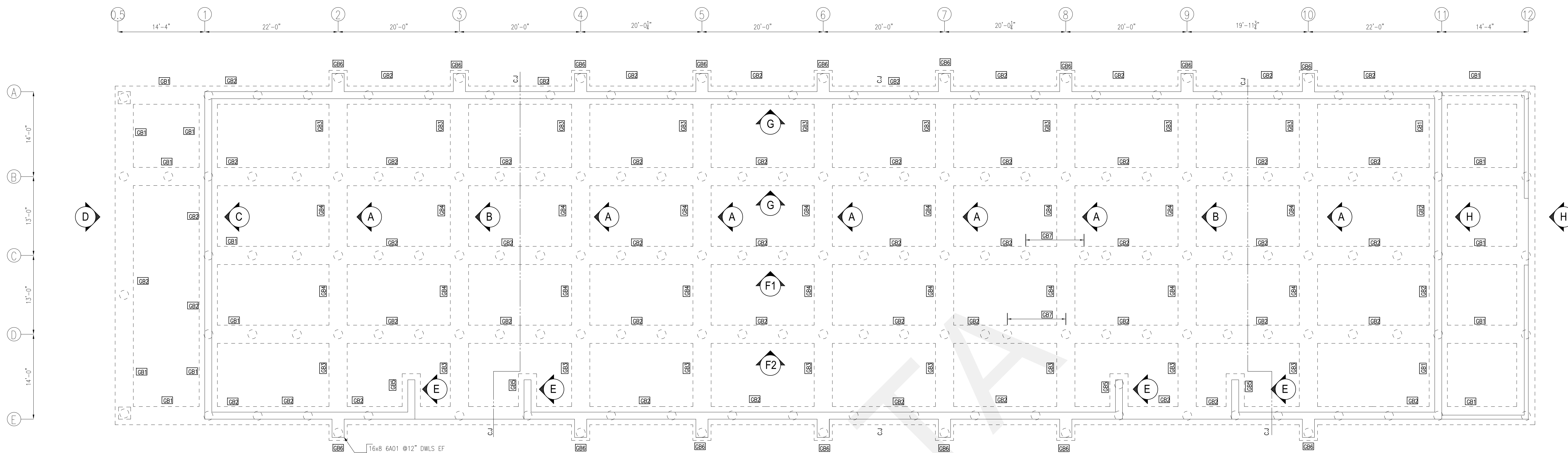
QTY PER LOCATION

BAR LENGTH (or) MARK no.

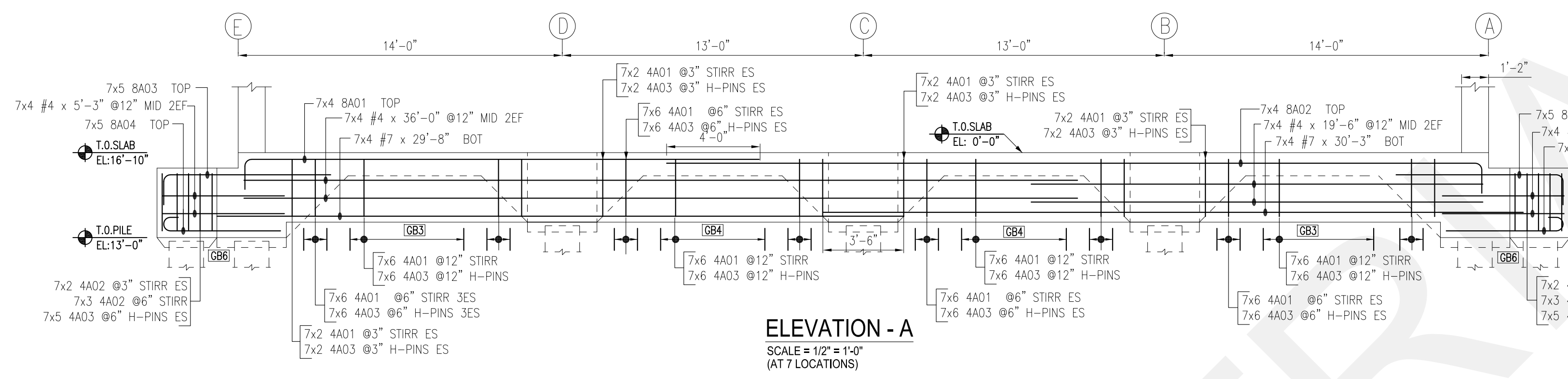
CONT: 2x1#5 20-00 (STOCK)

PLACING REMARK

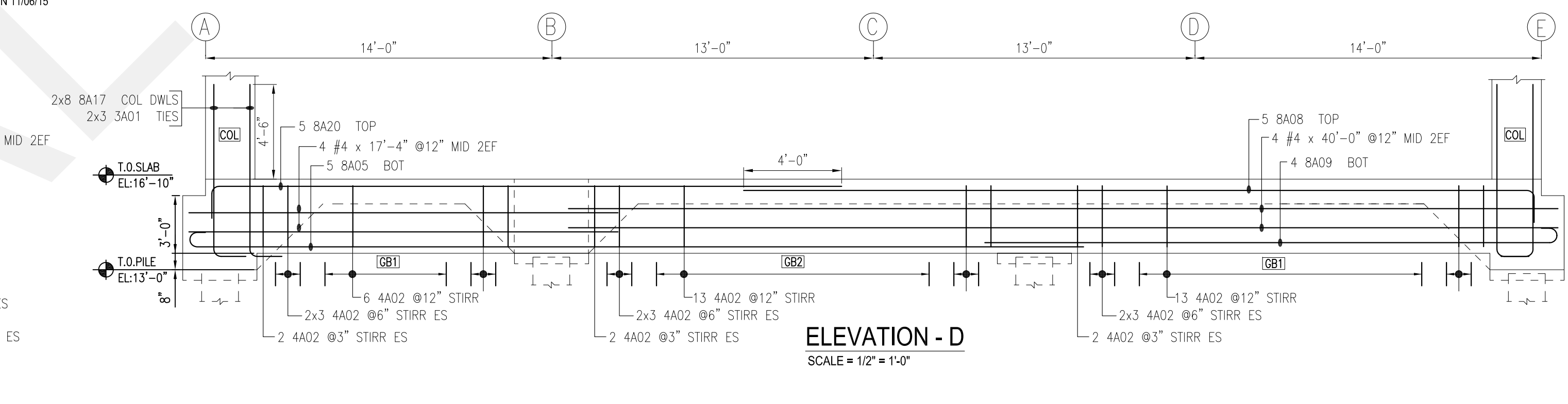
BAR SIZE



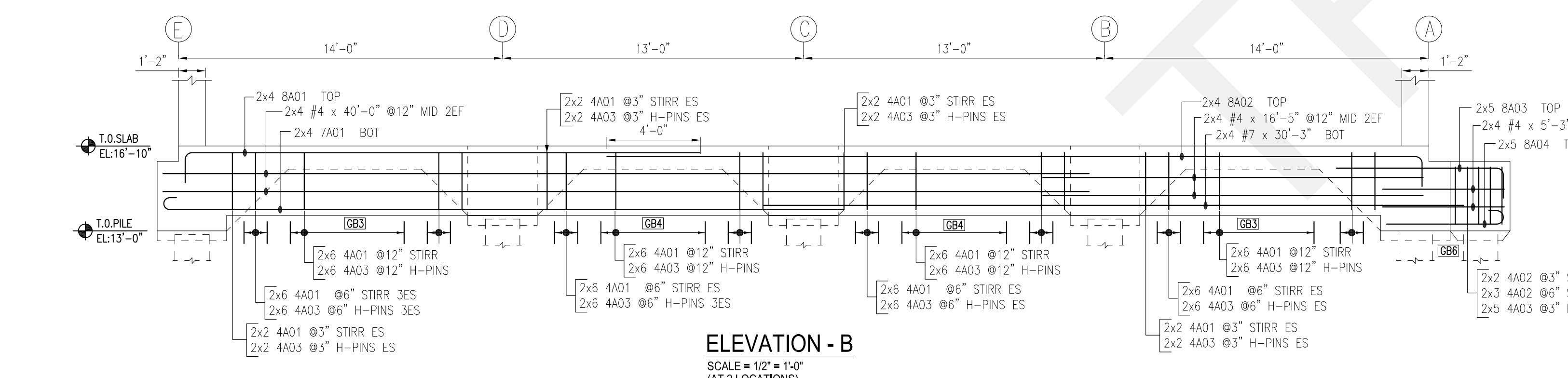
FOUNDATION PLAN
 SCALE = 1/8" = 1'-0"
 REF SHEETS: S100 thru S204
 CDS ARE DATED ON 11/06/15



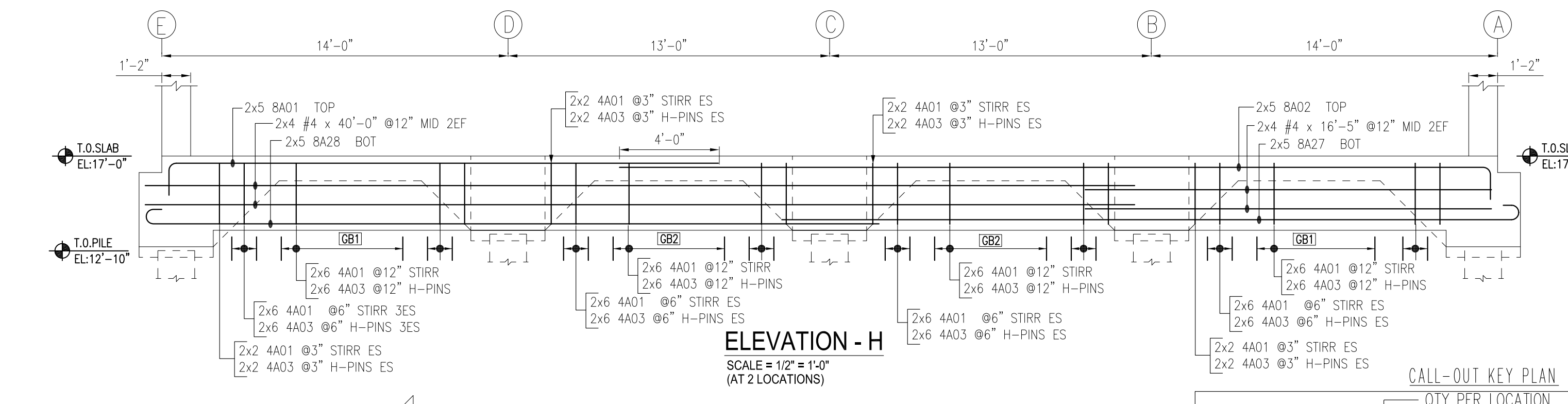
ELEVATION - A
 SCALE = 1/2" = 1'-0"
 (AT 7 LOCATIONS)



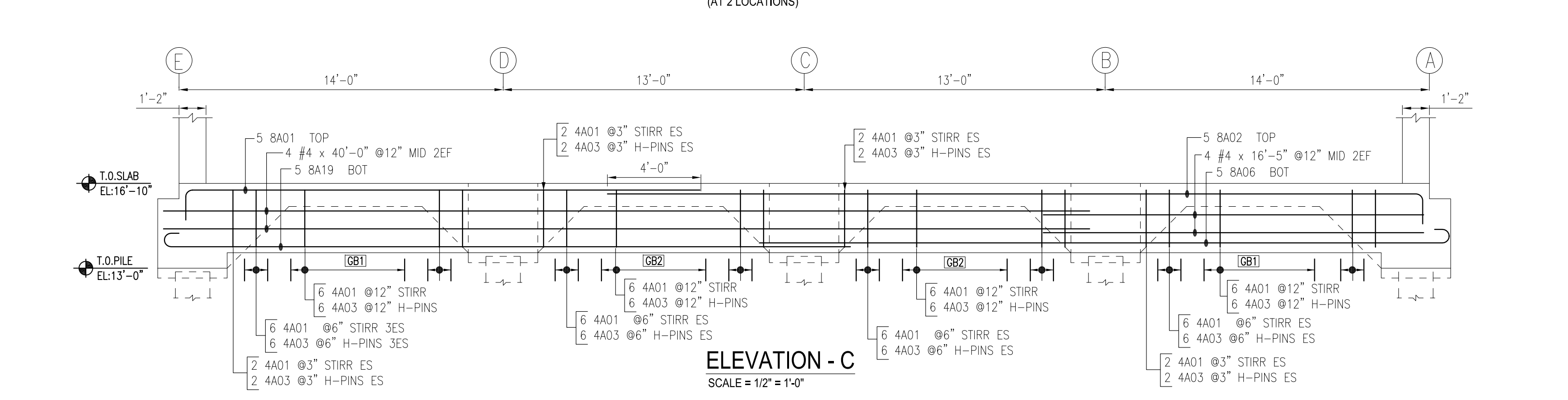
ELEVATION - D
 SCALE = 1/2" = 1'-0"



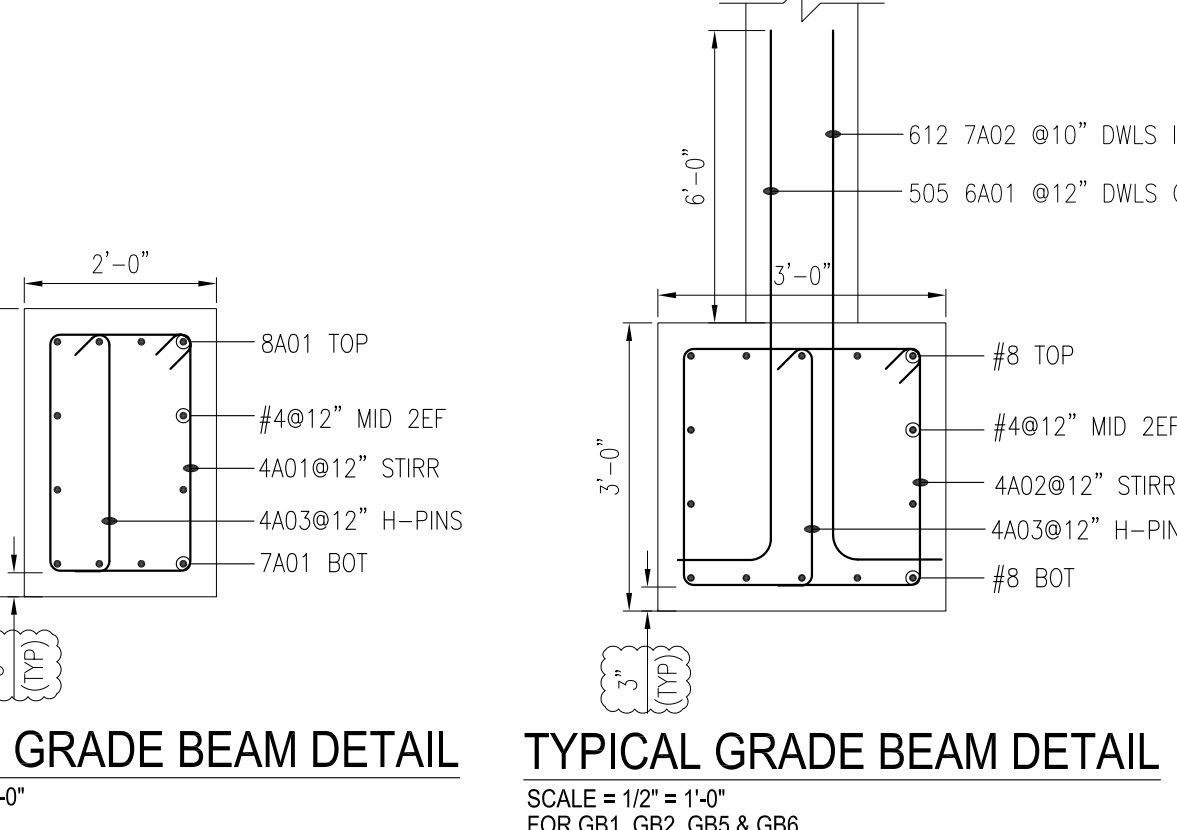
ELEVATION - B
 SCALE = 1/2" = 1'-0"
 (AT 2 LOCATIONS)



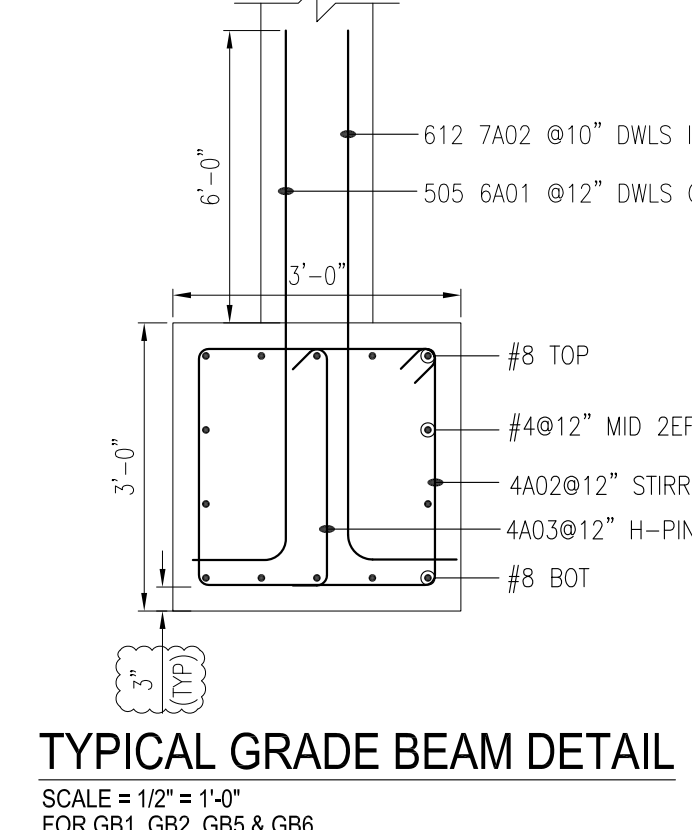
ELEVATION - H
 SCALE = 1/2" = 1'-0"
 (AT 2 LOCATIONS)



ELEVATION - C
 SCALE = 1/2" = 1'-0"



TYPICAL GRADE BEAM DETAIL
 SCALE = 1/2" = 1'-0"
 FOR GB3 & GB4



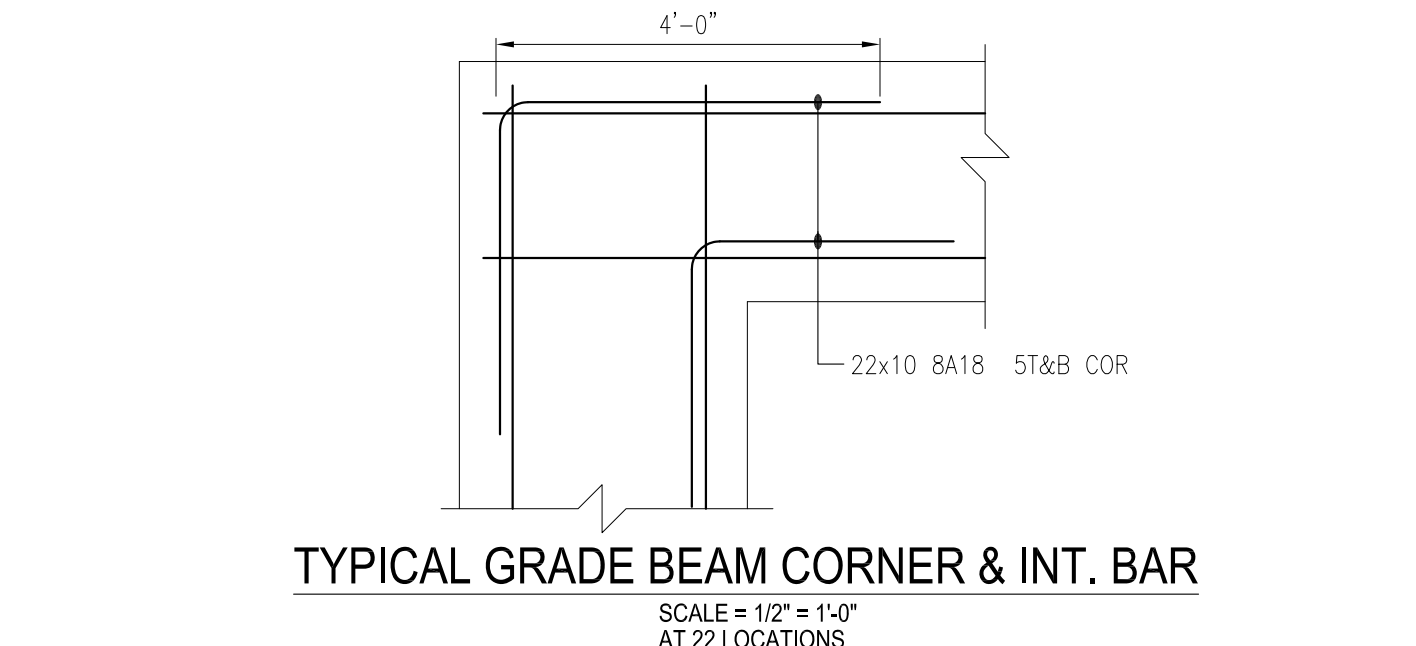
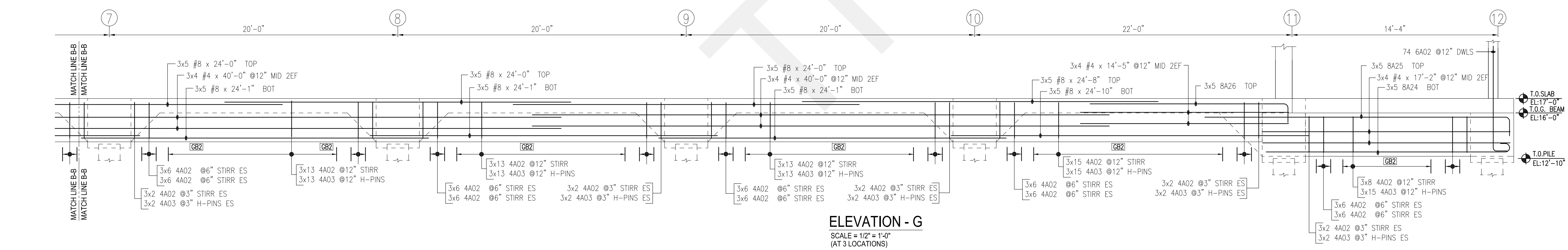
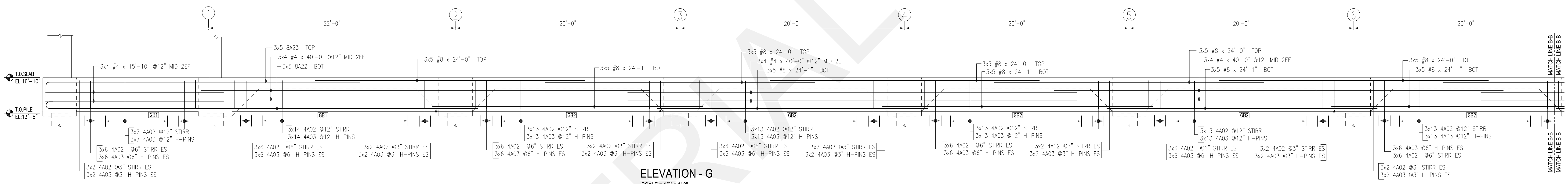
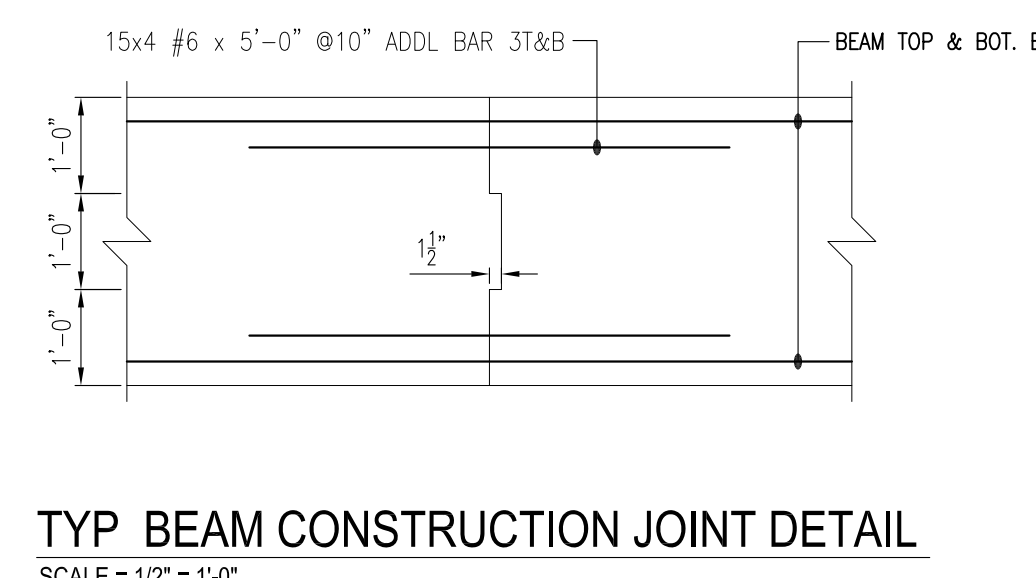
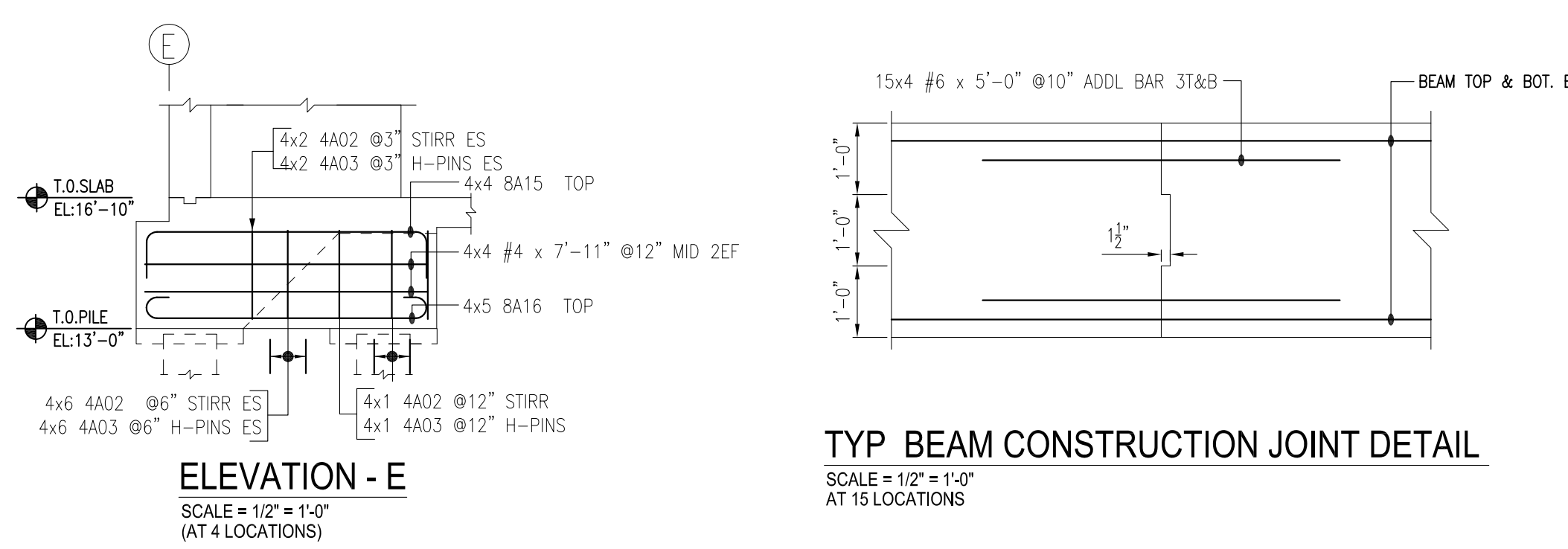
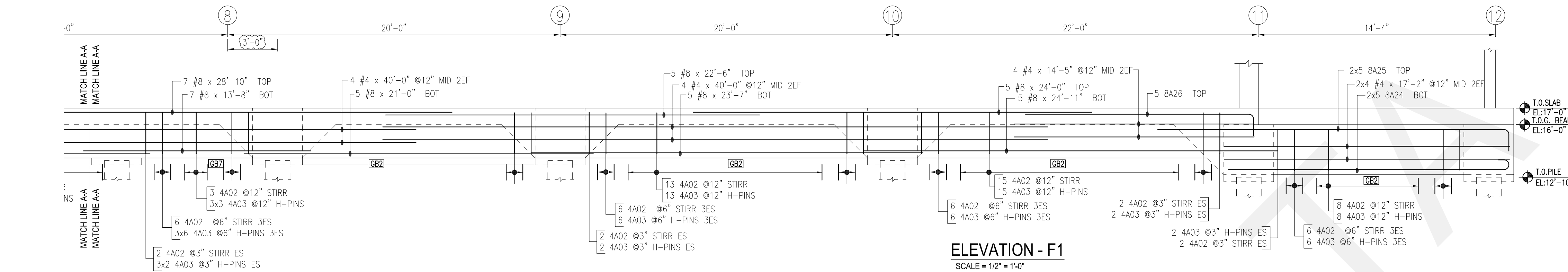
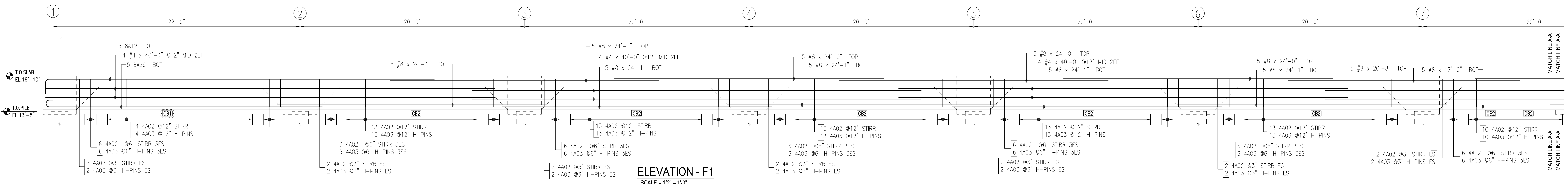
TYPICAL GRADE BEAM DETAIL
 SCALE = 1/2" = 1'-0"
 FOR GB1, GB2, GB5 & GB6

ASTM 615 - GR 60 - BLK

APPROVAL

CALL-OUT KEY PLAN

LABEL	QTY PER LOCATION	BAR LENGTH (or) MARK no.	PLACING REMARK
CONT: 2x1#5 20-00 (STOCK)			
LOCATIONS REQUIRED			



Release Number: CMU WALL

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'
3401	6	#3	7'-8"	T1	4"	1'-9"	1'-9"	1'-9"	1'-9"	4"					
4401	672	#4	8'-9"	T1	4 1/2"	1'-6"	2'-6"	1'-6"	2'-6"	4 1/2"					
4402	1450	#4	10'-9"	T1	4 1/2"	2'-6"	2'-6"	2'-6"	2'-6"	4 1/2"					
4403	1945	#4	3'-3"	T9	4 1/2"	2'-6"				4 1/2"					
6401	633	#6	9'-6"	2	1'-0"	8'-6"									
6402	74	#6	10'-9"	2	1'-0"	9'-9"									
7401	8	#7	30'-3"	1	10'	29'-5"				7'					
7402	612	#7	9'-8"	2	1'-2"	8'-6"									
8401	51	#8	23'-7"	2	1'-4"	22'-3"									
8402	51	#8	36'-7"	2	1'-4"	35'-3"									
8403	80	#8	8'-7"	2	1'-4"	7'-3"									

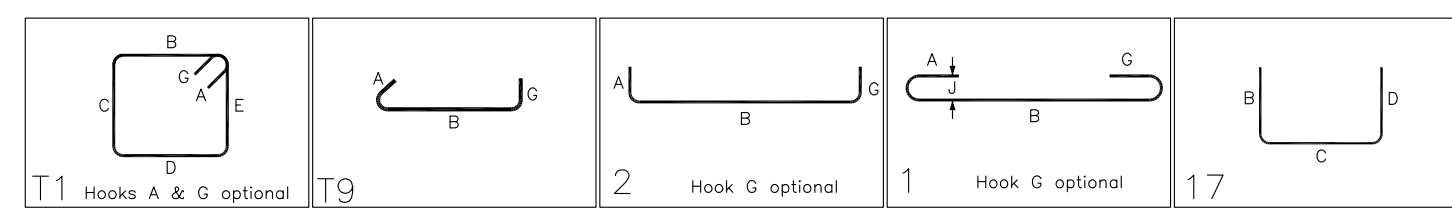
Release Number: CMU WALL

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'
8404	80	#8	6'-0"	1	11"	5'-1"									
8405	5	#8	37'-1"	1	11"	36'-2"									
8406	5	#8	30'-9"	1	11"	29'-10"									
8408	5	#8	33'-4"	2	1'-4"	32'-0"									
8409	4	#8	24'-1"	1	11"	23'-2"									
8412	10	#8	35'-0"	2	1'-4"	34'-5"									
8415	15	#8	10'-7"	2	1'-4"	7'-11"									
8416	20	#8	9'-8"	1	11"	7'-11"				1'-4"					
8417	16	#8	9'-8"	2	1'-4"	7'-8"									
8418	220	#8	8'-0"	17	4'-0"	4'-0"				4'-0"					
8419	5	#8	30'-7"	1	11"	29'-8"									
8420	5	#8	26'-10"	2	1'-4"	25'-6"									
8422	15	#8	39'-5"	1	11"	38'-6"									
8423	15	#8	29'-4 1/2"	2	1'-4"	28'-4"									
8424	35	#8	17'-10"	1	11"	16'-11"									
8425	35	#8	22'-6"	2	1'-4"	21'-2"									
8426	25	#8	15'-1 1/4"	2	1'-4"	13'-9 1/4"									
8427	10	#8	30'-9"	1	11"	29'-10"									
8428	10	#8	30'-7"	1	11"	29'-8"									
8429	10	#8	25'-7"	1	11"	24'-8"									

Lap Table

#8 Bar Dia	#3	#4	#5	#6	#7	#8	#9	#10	#11
15"									
24"									
30"									
36"									
42"									
48"									
55"									
61"									
68"									

NOTES:-
1. TYPICAL CLEARANCES
A) For (G) Beam 3" Cover At All Sides Typ.
B) 2" MIN. COVER AT ALL CORNERS
C) 2" MIN. COVER AT ALL JOINTS
4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED



ASTM 615 - GR 60 - BLK

APPROVAL

CALL-OUT KEY PLAN

LOCATIONS REQUIRED

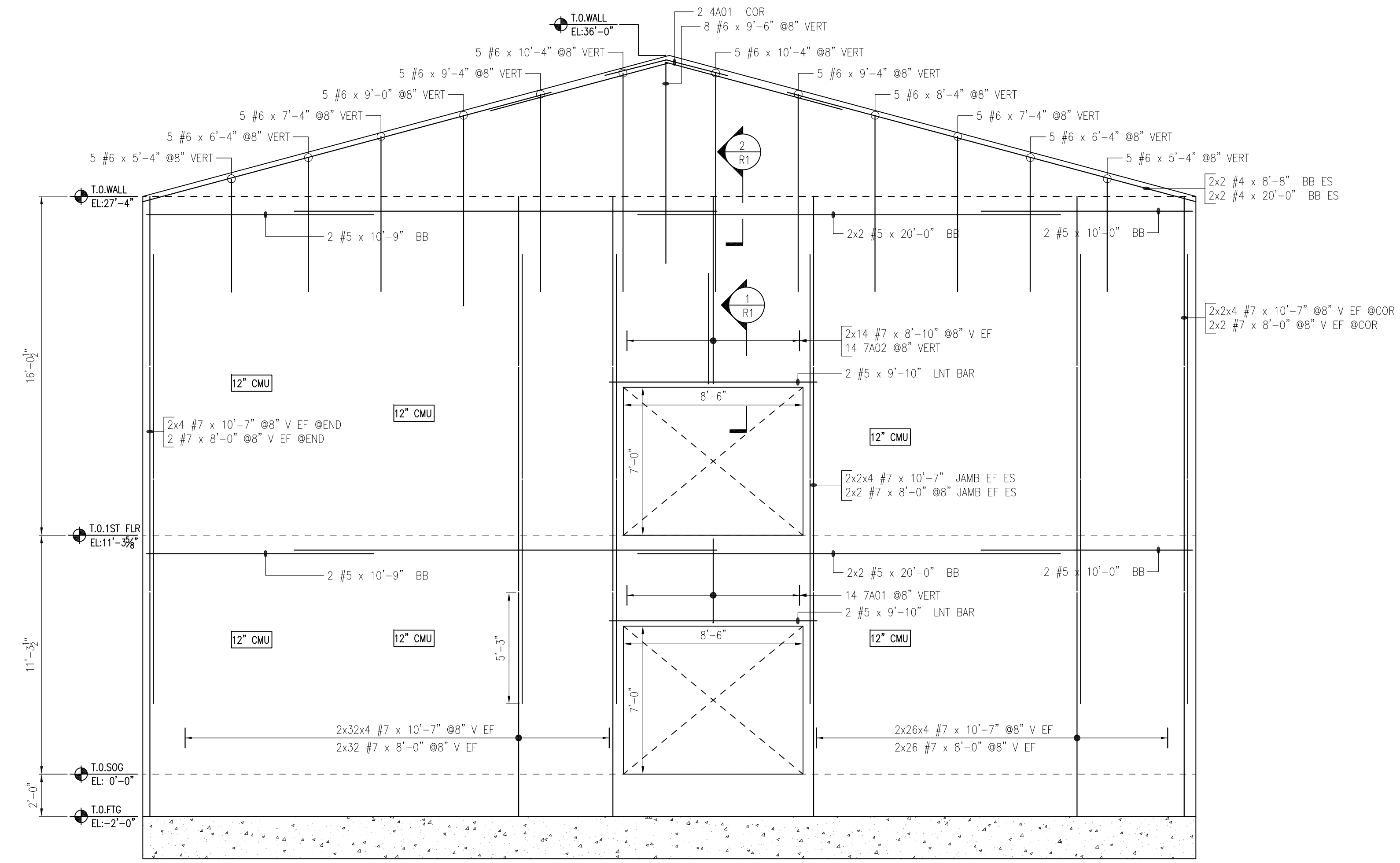
QTY PER LOCATION

BAR LENGTH (or) MARK no.

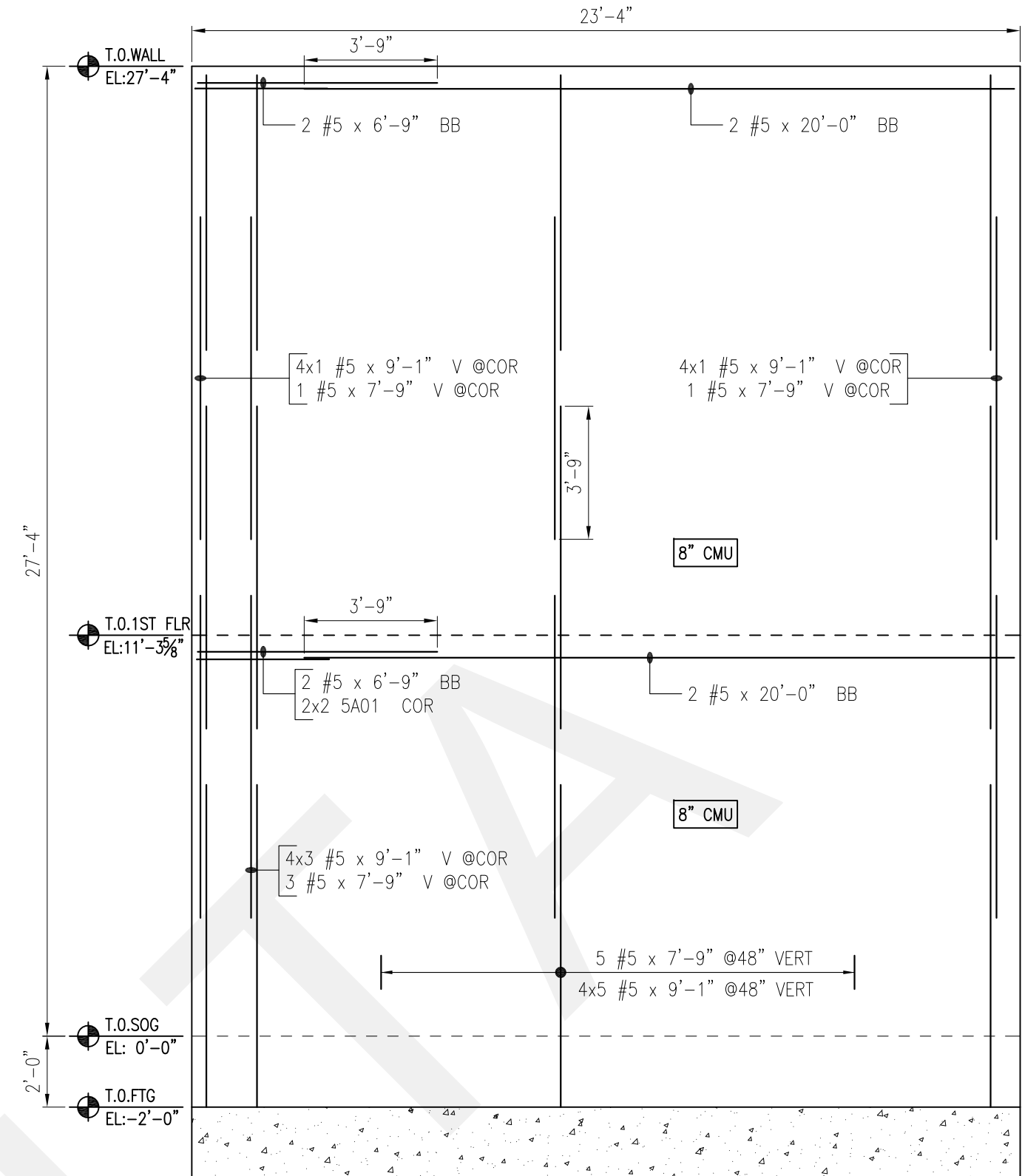
CONT: 2x1#5 20-00 (STOCK)

PLACING REMARK

BAR SIZE

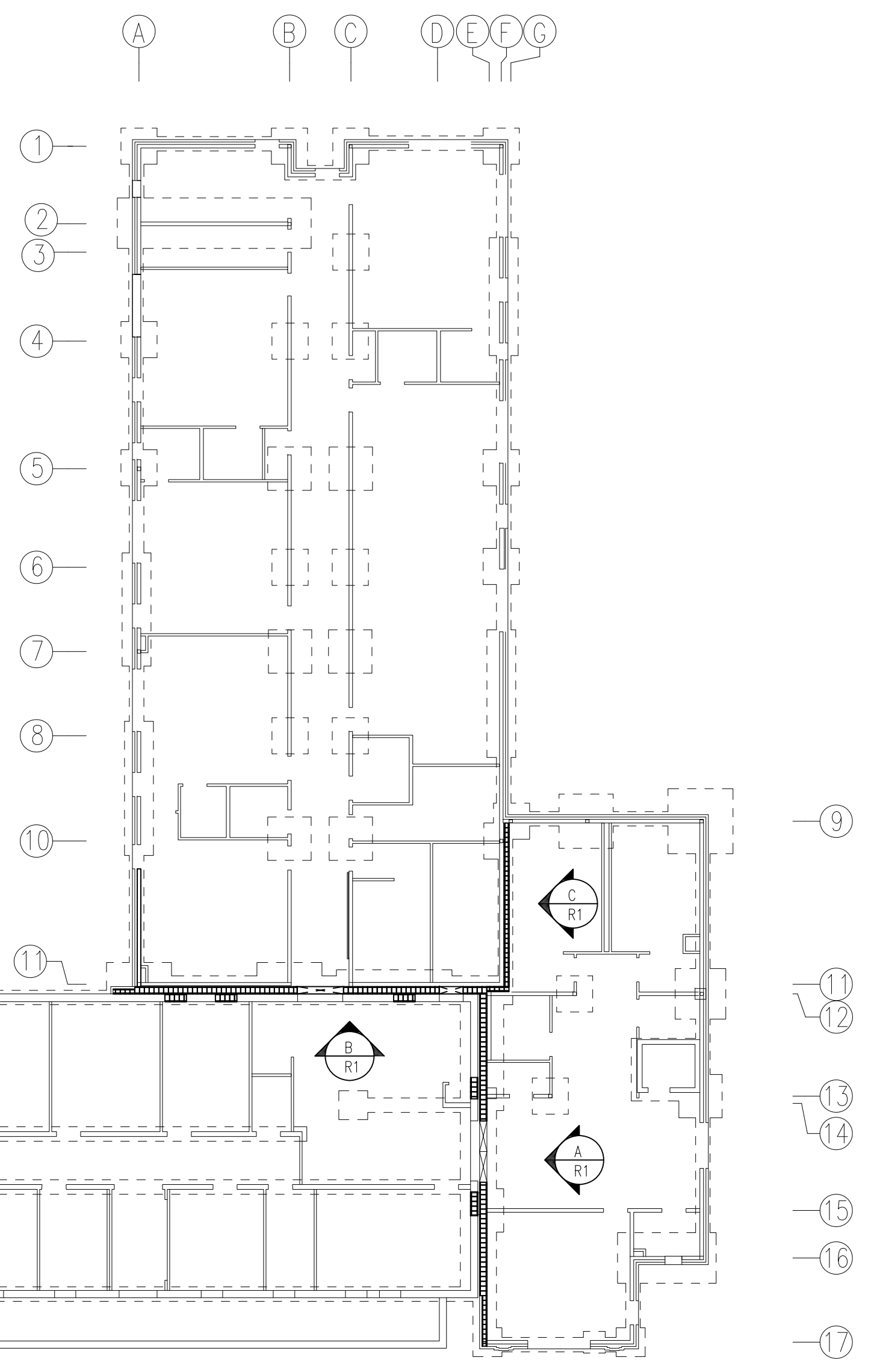
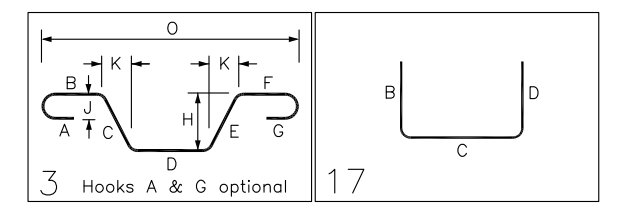


ELEVATION-A
SCALE = 1/4" = 1'-0"

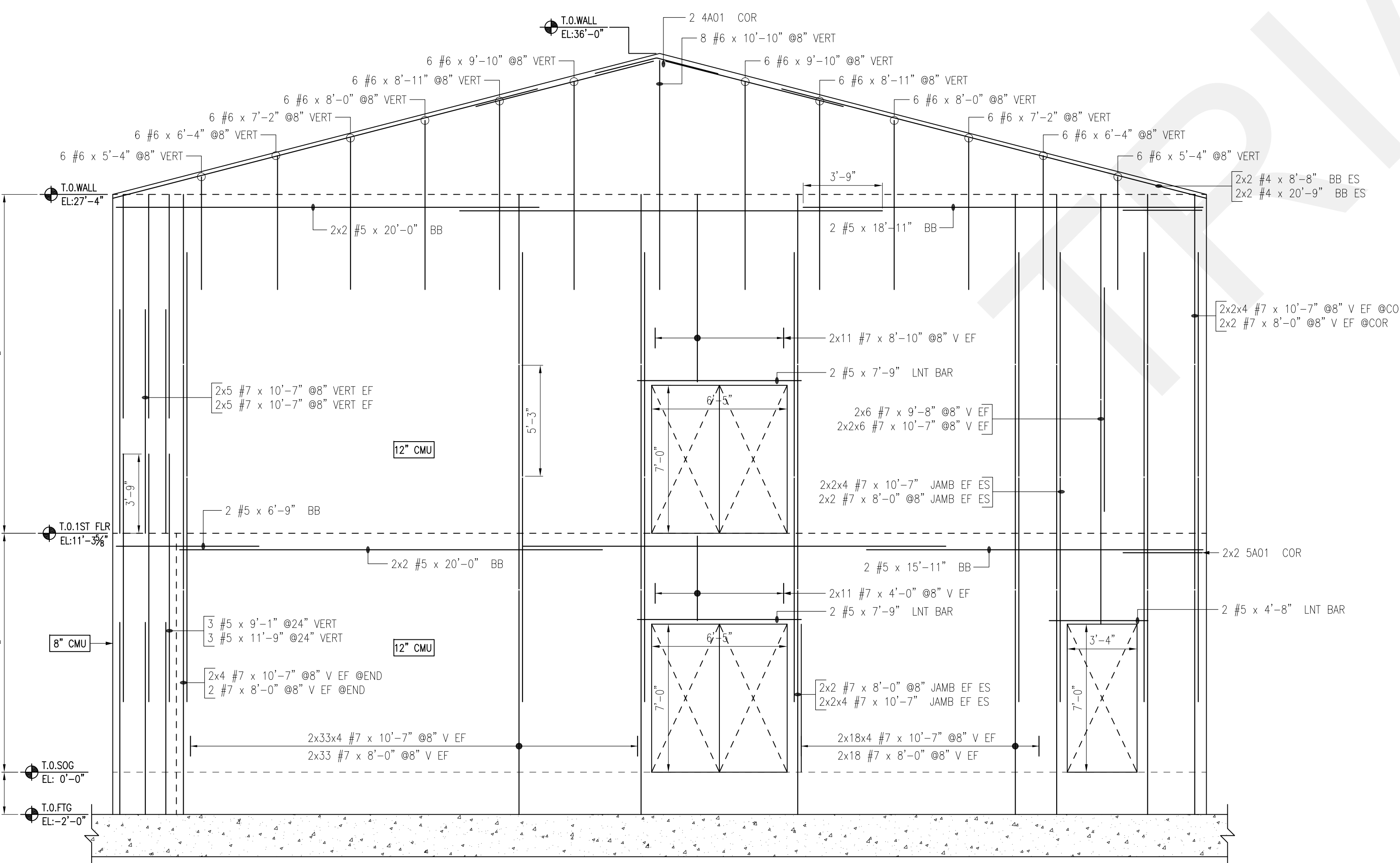


ELEVATION-C
SCALE = 1/4" = 1'-0"

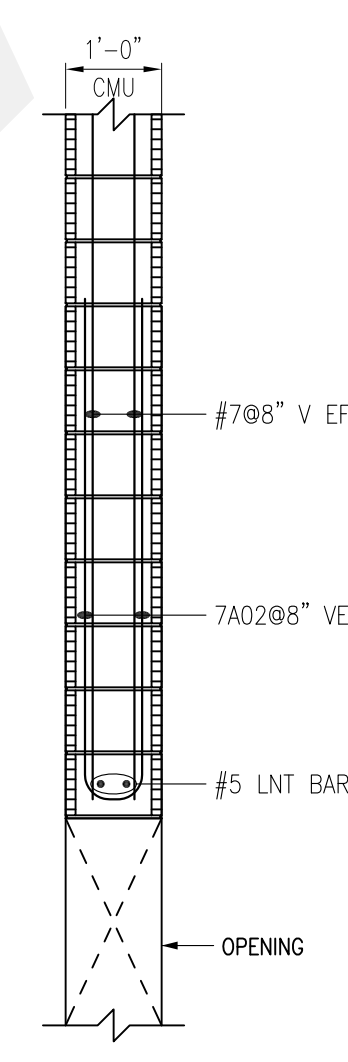
Release Number: CMU WALLS				BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	
4A01	4	#4	6'-2"	3		3'-0"	3'-8"								1'-5 1/2"	2'-7 1/2"	5'-7 1/2"
5A01	8	#5	7'-6"	17		3'-9"	3'-9"										
7A01	14	#7	8'-8"	17		4'-0"	8'	4'-0"									
7A02	14	#7	11'-2"	17		5'-3"	8'	5'-3"									



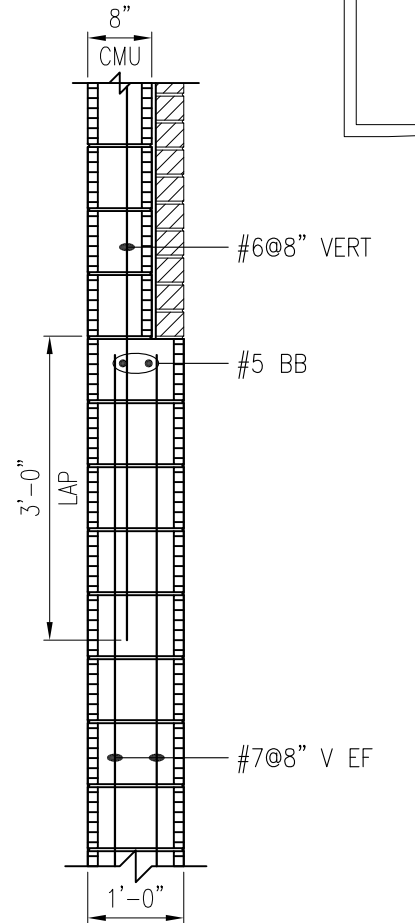
FOUNDATION PLAN
SCALE = 1/16" = 1'-0"
REF SHEETS : S.01 thru S501 & A000 thru A901
CDS ARE DATED ON 06/14/16



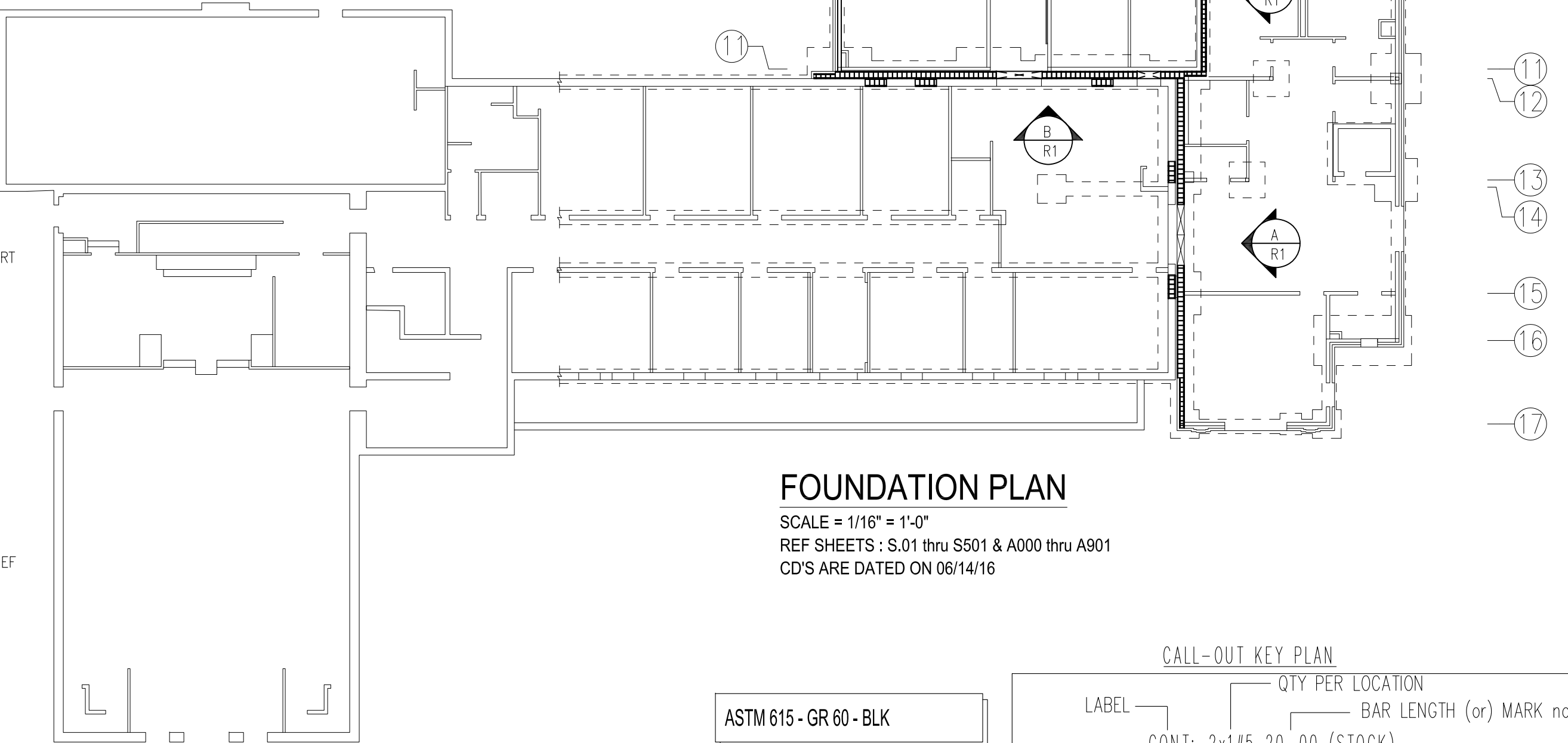
ELEVATION-B
SCALE = 1/4" = 1'-0"



SECTION 1
SCALE = 1/2" = 1'-0"
R-1



SECTION 2
SCALE = 1/2" = 1'-0"
R-1

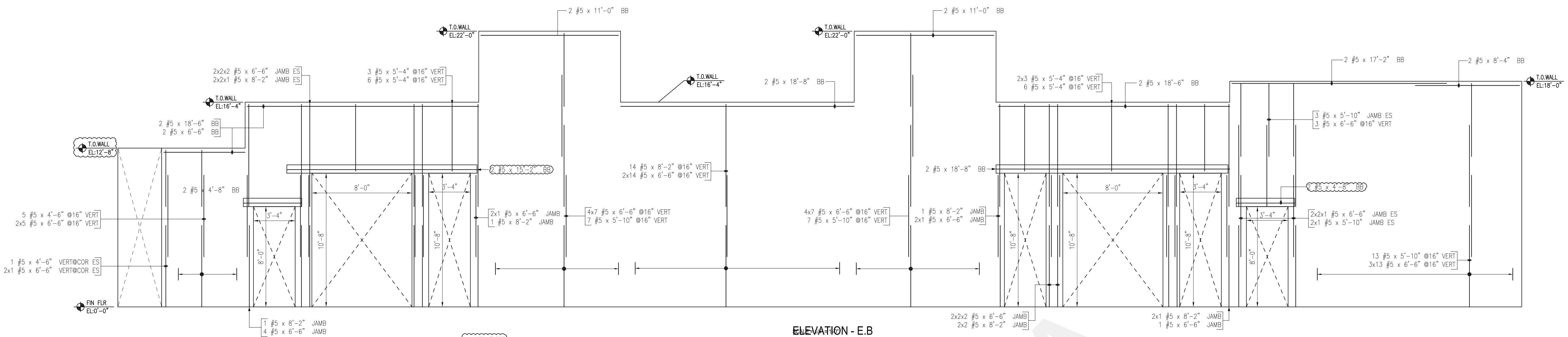


ASTM 615 - GR 60 - BLK
FOR FIELD USE

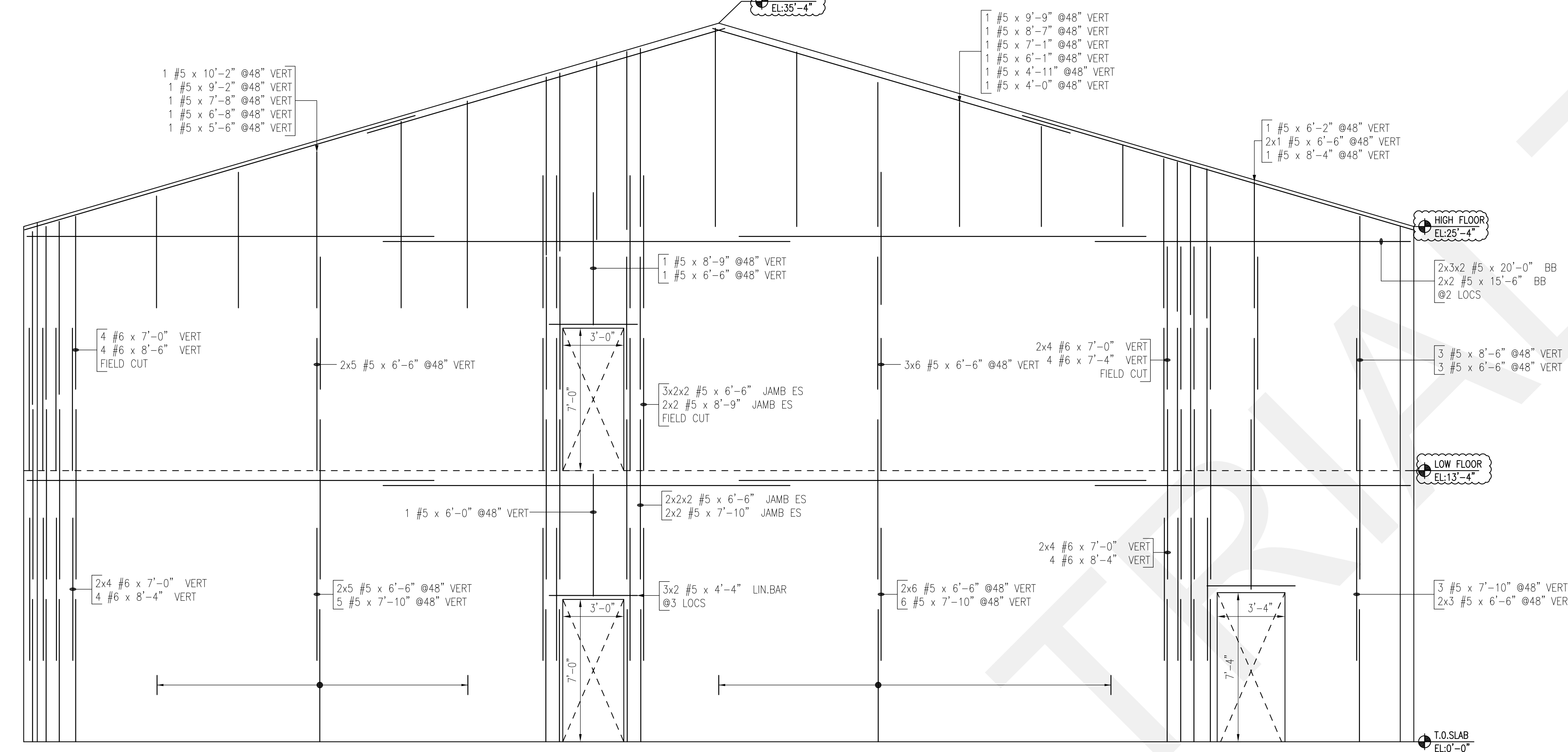
CALL-OUT KEY PLAN
LABEL QTY PER LOCATION BAR LENGTH (or) MARK no.
CONT: 2x1#5 20-00 (STOCK) PLACING REMARK
LOCATIONS REQUIRED BAR SIZE

Size	LAP	SPICE	EMBEDMENT
#3	27"		14"
#4	36"		18"
#5	45"		23"
#6	54"		27"
#7	63"		32"
#8	72"		36"

- NOTES:-
1. TYPICAL CLEARANCES
A) For CMU Wall 2" Cover For All Sides Typ.
2. A/E/C PLEASE VERIFY THE ALL CLOSED ITEMS
3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

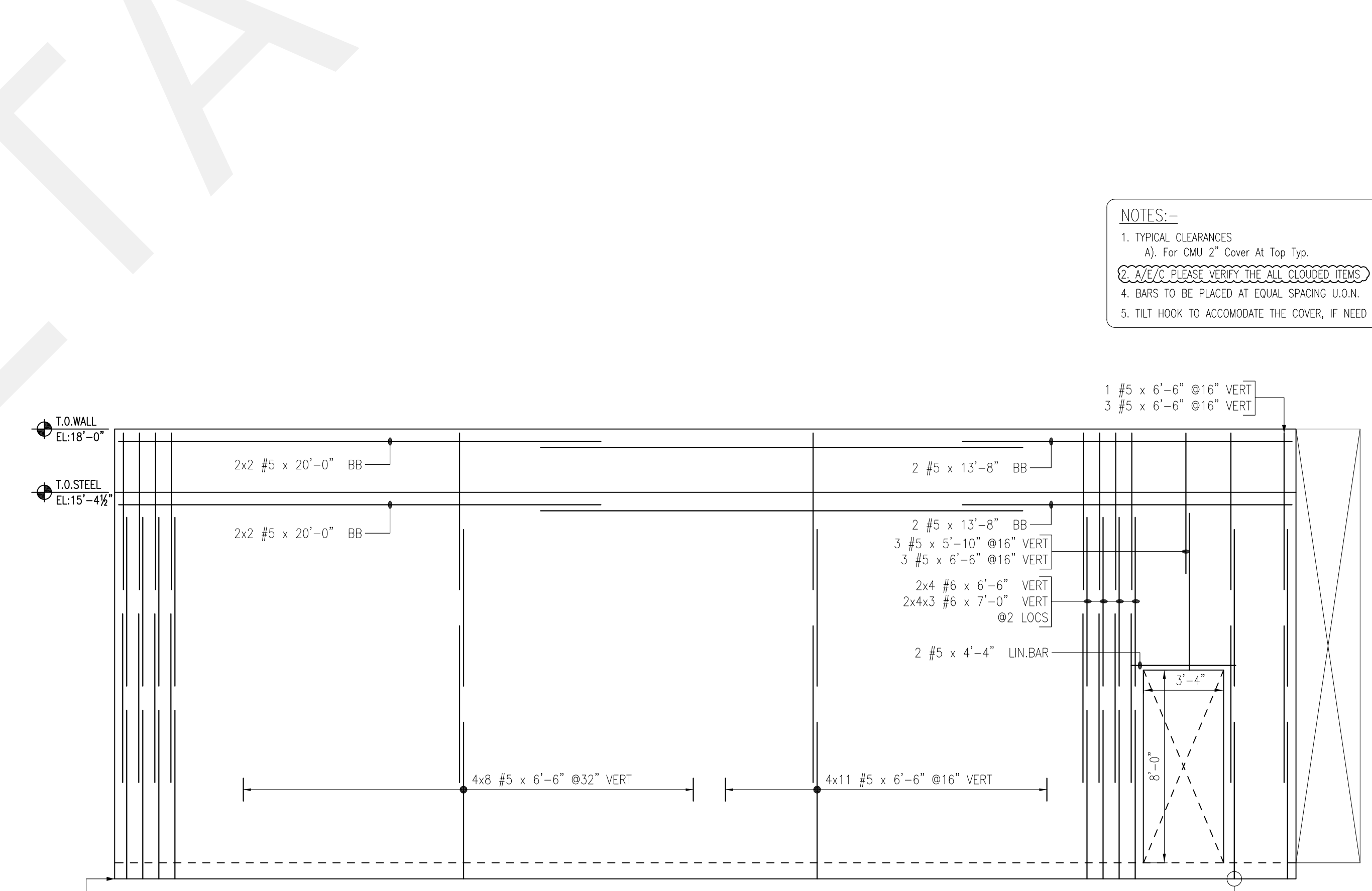


ELEVATION - E.B



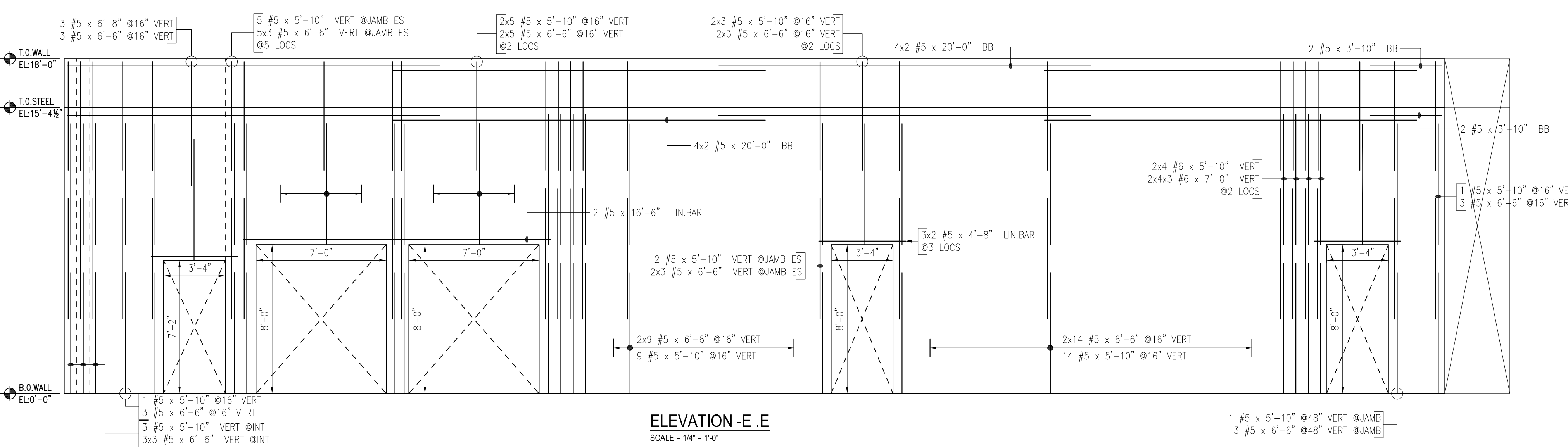
ELEVATION - E.C

SCALE = 1/4" = 1'-0"
A/E PLEASE VERIFY THE WALL ELEVATIONS. (TYP)



ELEVATION - E.D

SCALE = 1/4" = 1'-0"

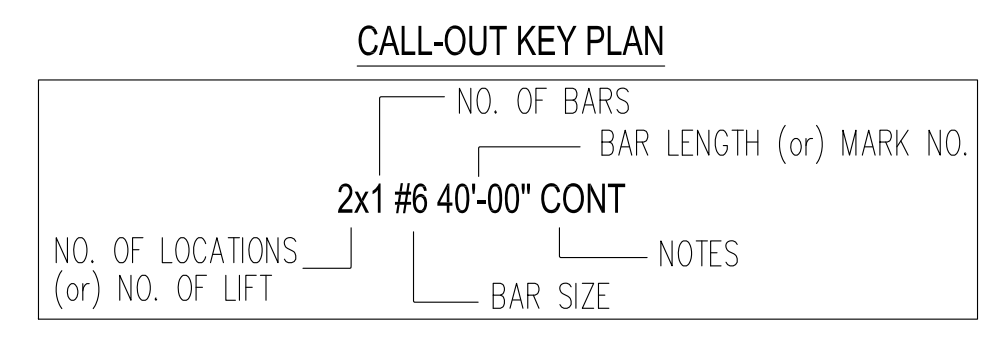


ELEVATION - E.E

SCALE = 1/4" = 1'-0"

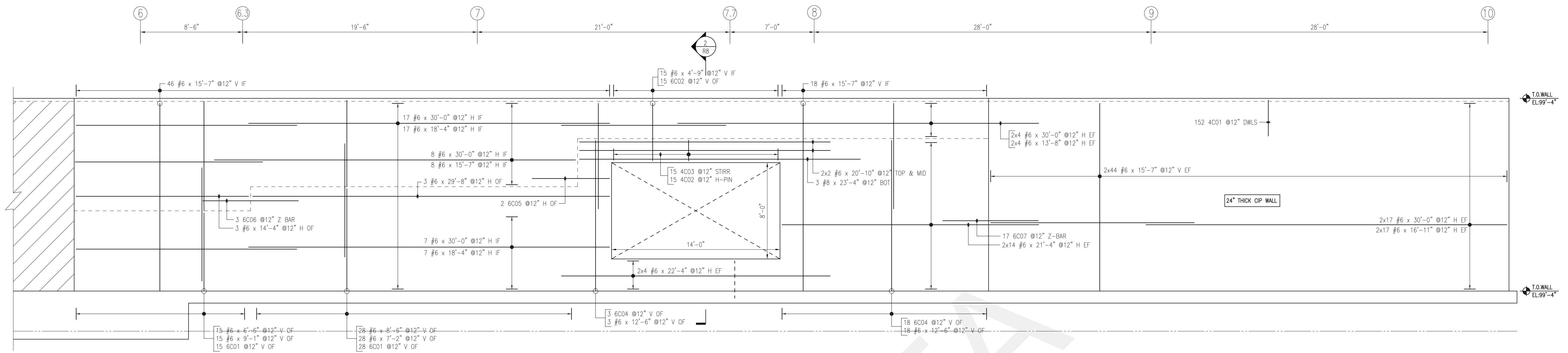
Lap Table	48 Bar Dia
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

- NOTES:-
1. TYPICAL CLEARANCES
 - A). For CMU 2" Cover At Top Typ.
 - A/E/C PLEASE VERIFY THE ALL CLOUDED ITEMS
 4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

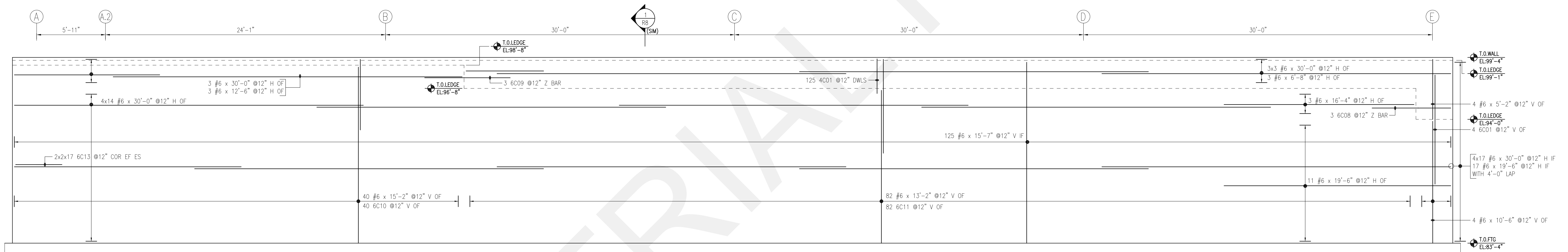


ALL MATERIAL ON THIS DRAWING
ASTM A615
GRADE 60 BLACK U.N.O

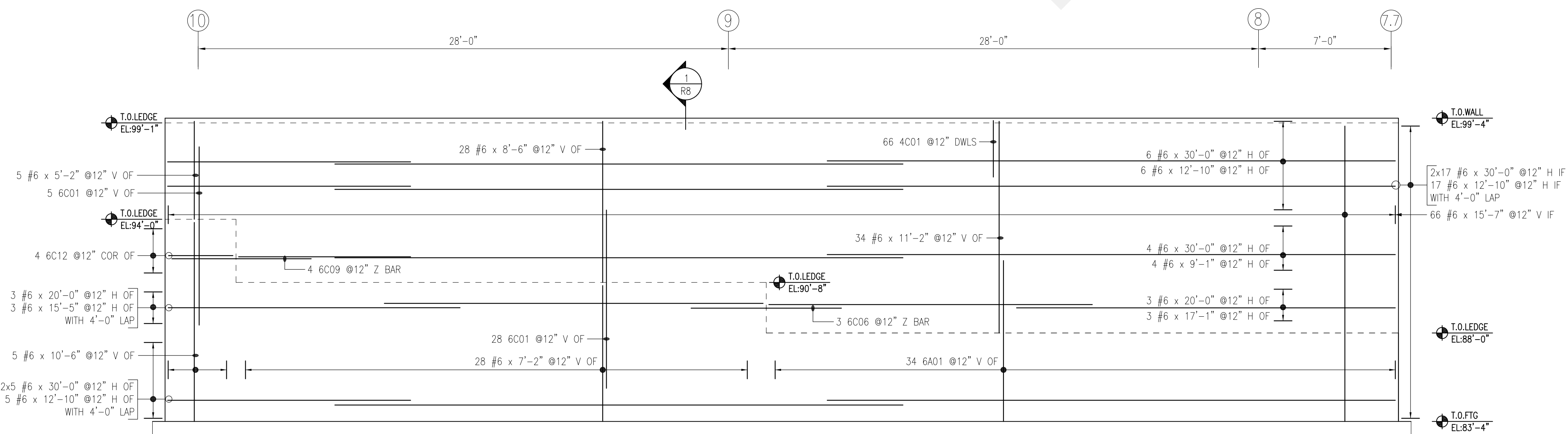
FOR FIELD USE



ELEVATION-A
SCALE = 1/4" = 1'-0"



ELEVATION-B
SCALE = 1/4" = 1'-0"

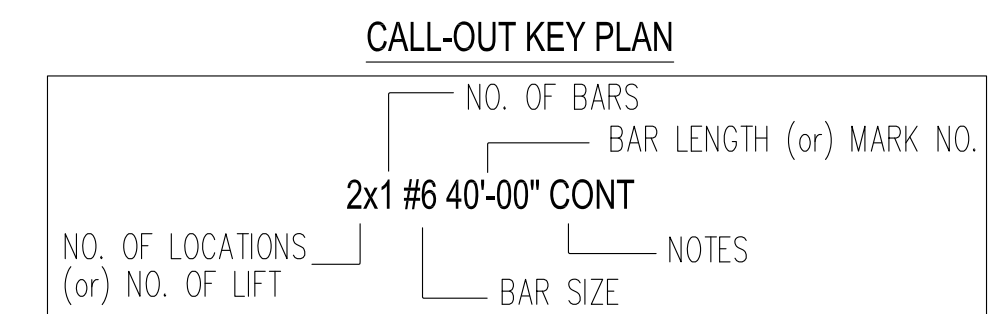


ELEVATION-C
SCALE = 1/4" = 1'-0"

Lap Schedule 4000 PSI (Class B)		
Size	Top bars	Other bars
#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"

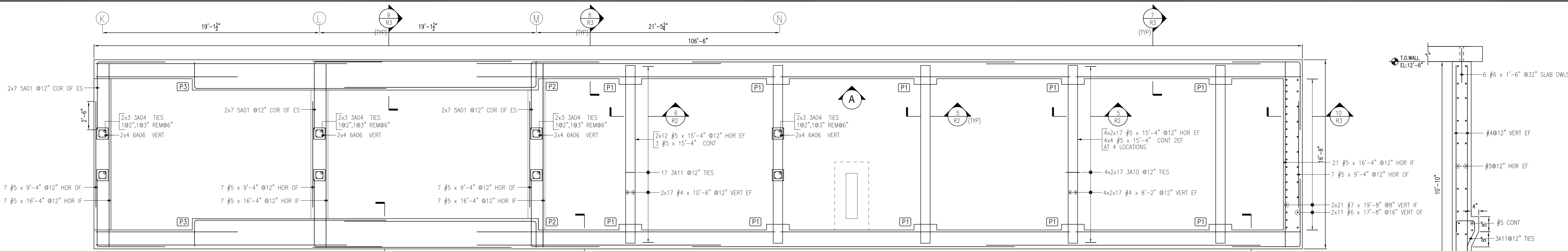
FOR BAR BENDING SCHEDULE & SECTION DETAILS REFER TO DWG. R-8

- NOTES:-**
- TYPICAL CLEARANCES
 - For WALL 2" Cover At Sides & Top Typ.
 - For Slab 1" Cover For All Sides Typ.
 - A/E/C PLEASE VERIFY THE ALL CLOTTED ITEMS**
 - BAR TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED

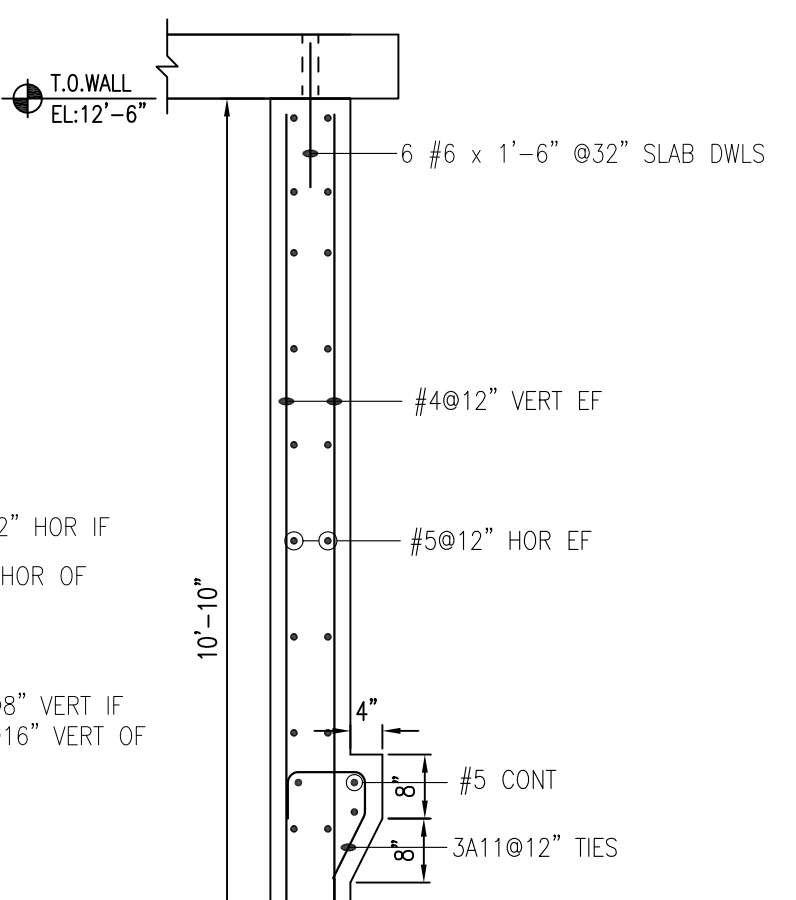


ALL MATERIAL ON THIS DRAWING
ASTM A615
GRADE 60 BLACK U.N.O.

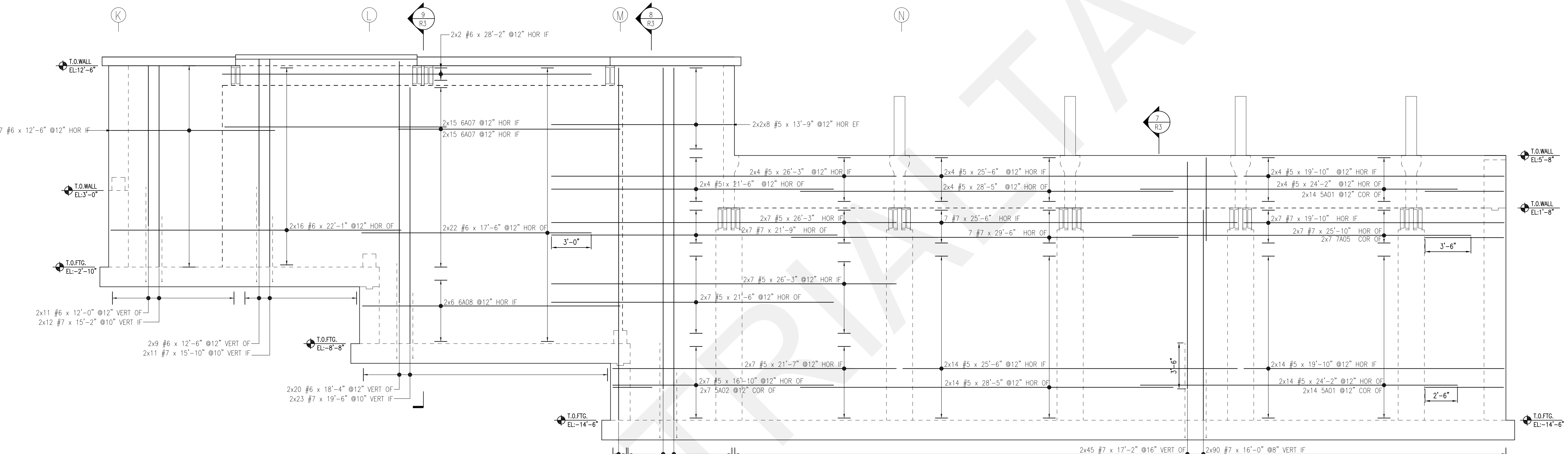
FOR APPROVAL



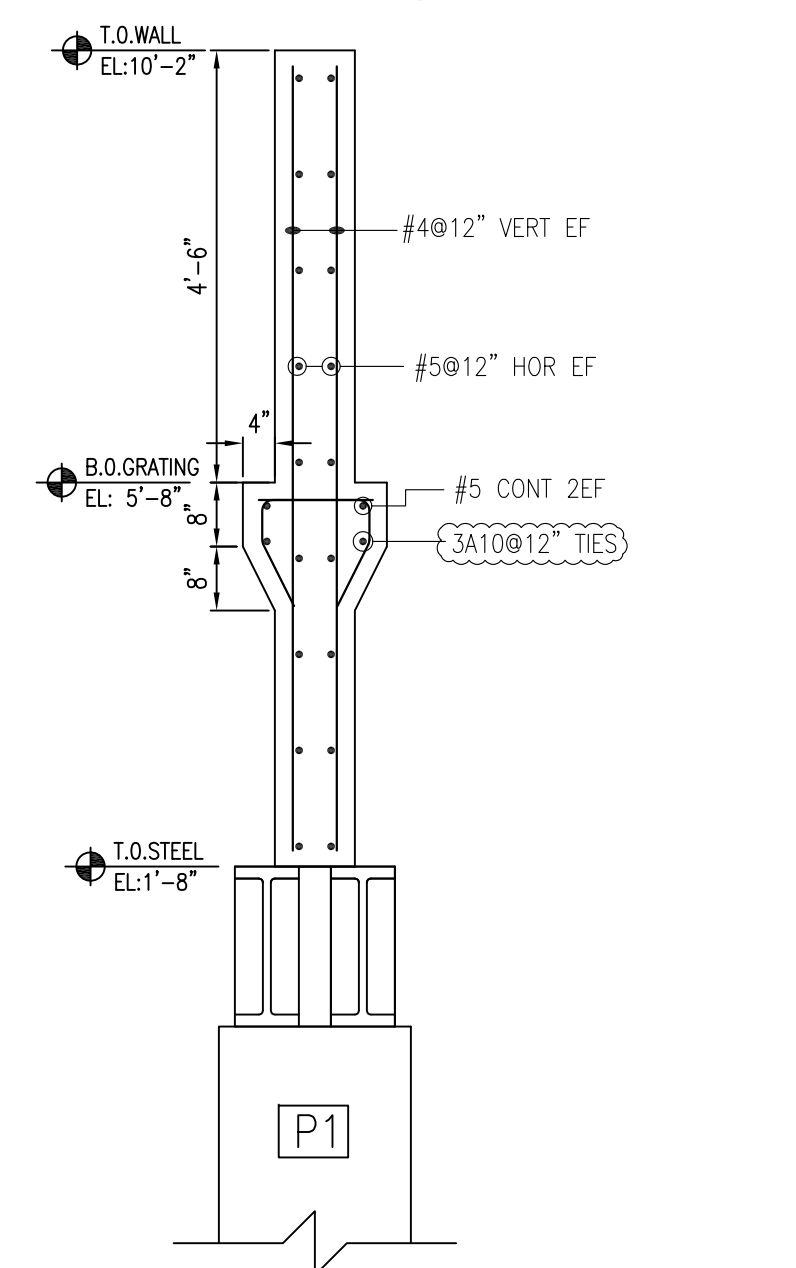
HOOPER FOUNDATION PLAN
 PLAN SHOWING WALLS REINF. DETAILS
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-5 thru S-9
 CDS ARE DATED ON 04/07/16



SECTION 6
 SCALE = 1/2" = 1'-0"
 R-2



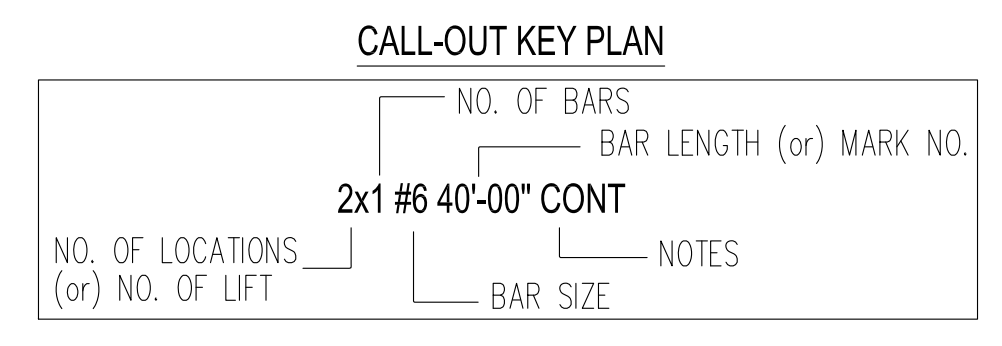
ELEVATION - A
 SCALE = 1/4" = 1'-0"
 (2 NOS.)



SECTION 5
 SCALE = 1/2" = 1'-0"
 R-2

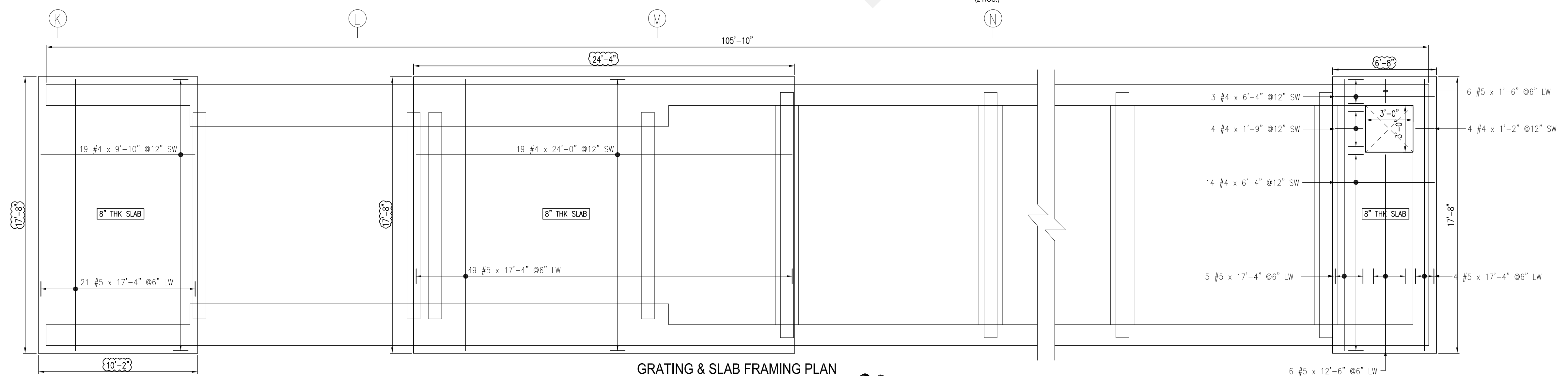
- NOTES:-**
- TYPICAL CLEARANCES
 - A) 2" For Foundation Slab Top.
 - B) 3" For Foundation Slab Bot & Sides (Typ)
 - B) 2" For Walls All Sides (Typ)
- PLEASE VERIFY THE ALL COORDED ITEMS**
4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

Lap Table	
48 Bar Dia	
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

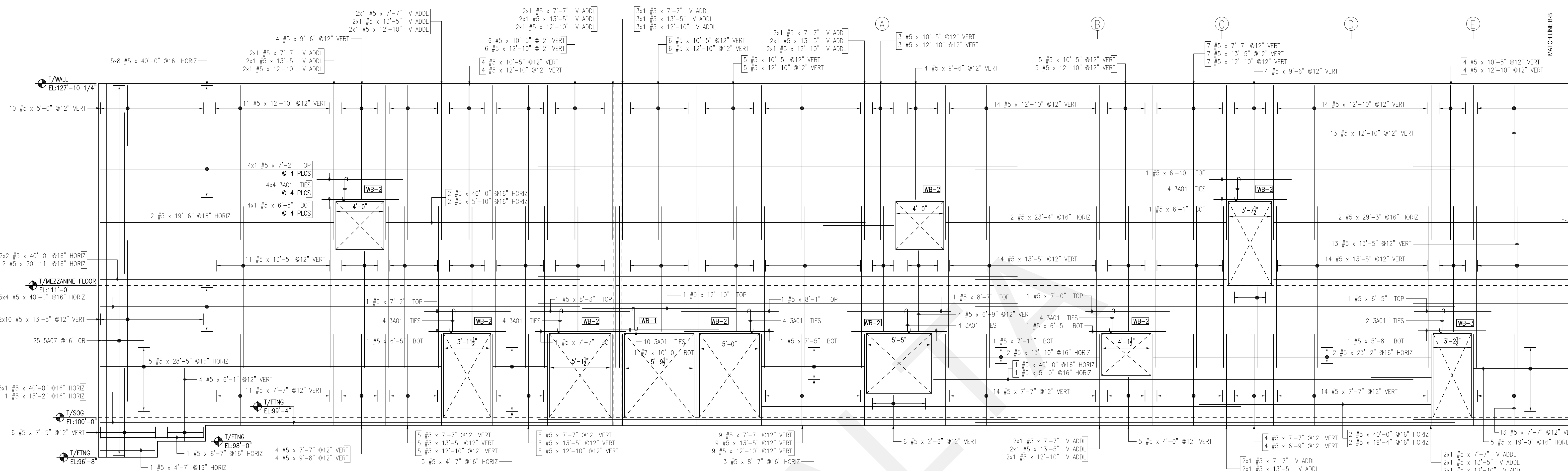


ALL MATERIAL ON THIS DRAWING
 ASTM A615
 GRADE 60 BLACK U.N.O

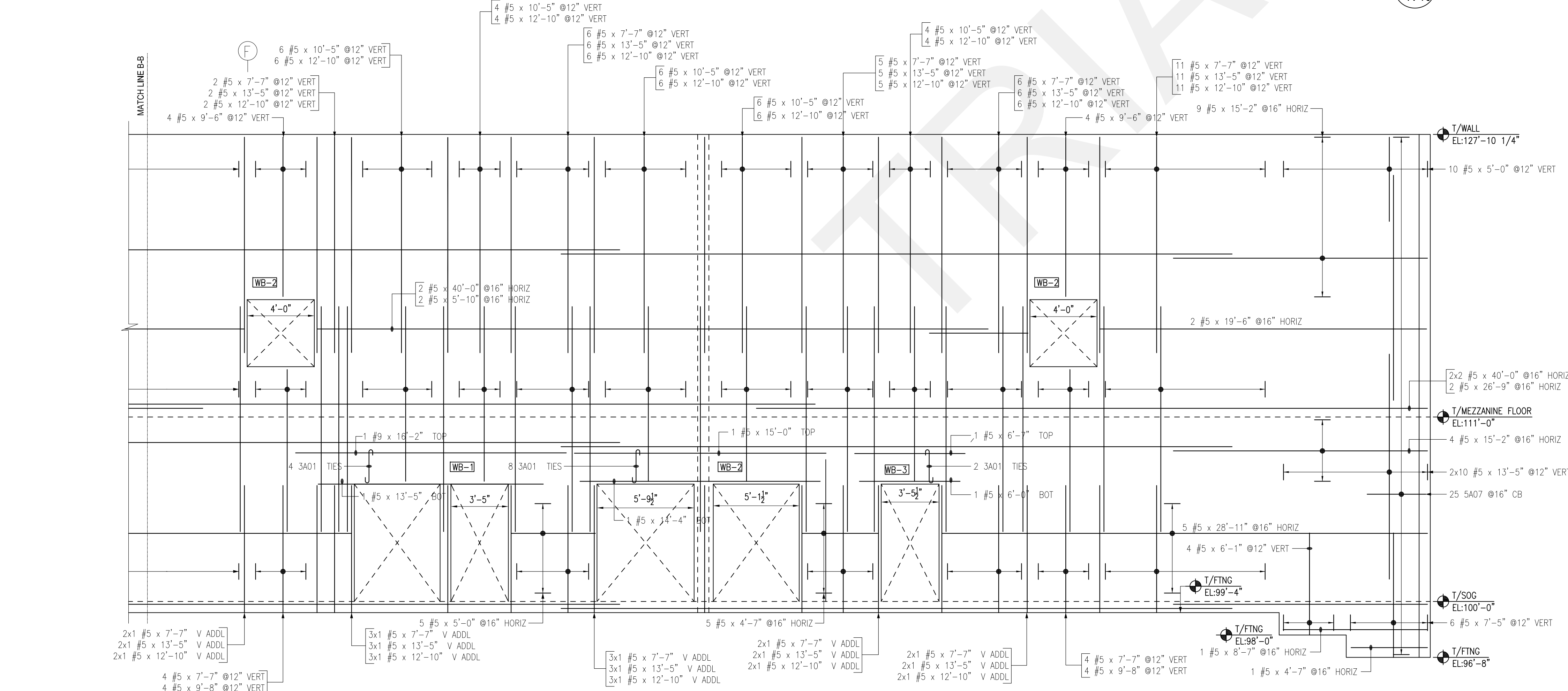
FOR FIELD USE



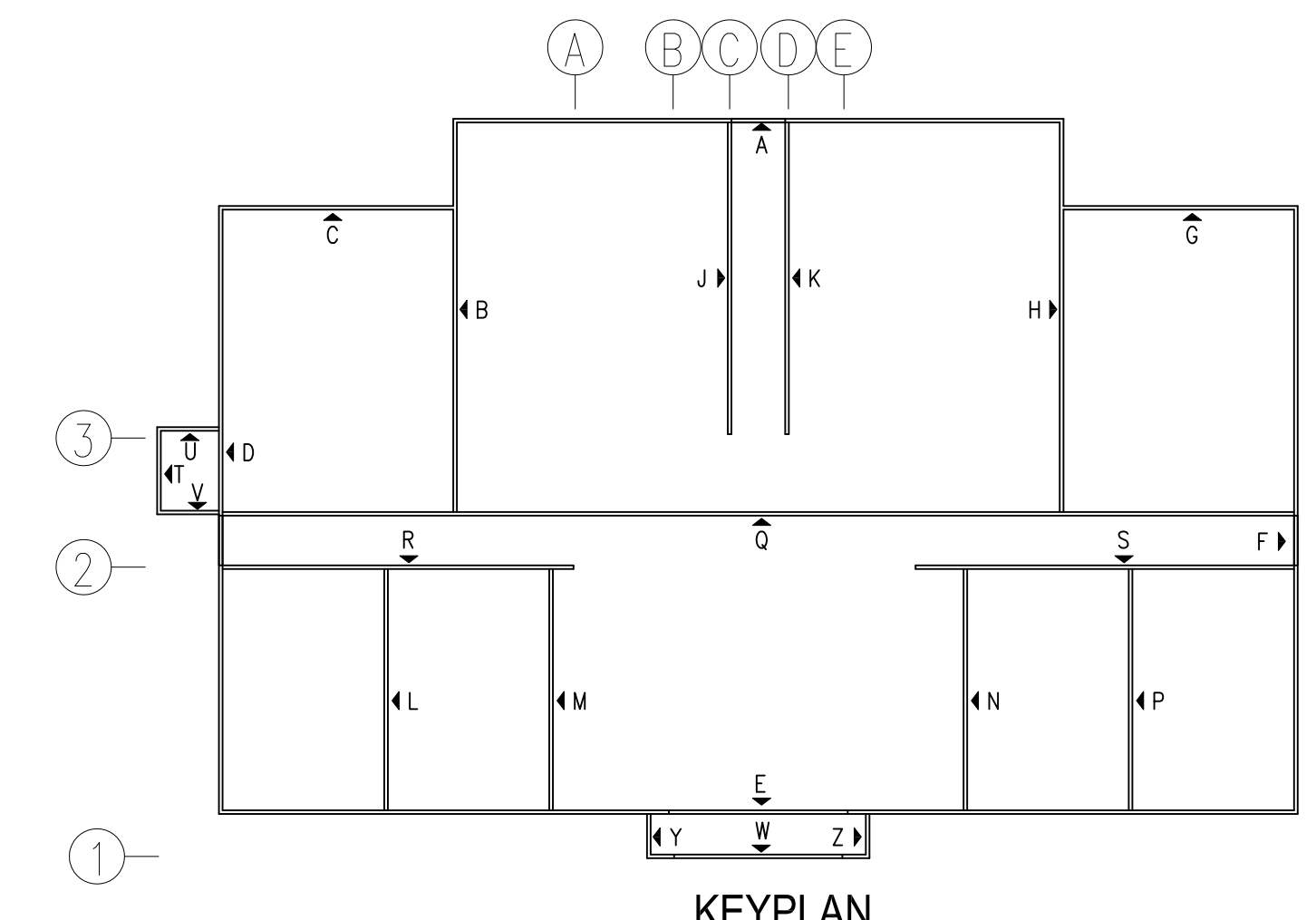
GRATING & SLAB FRAMING PLAN
 PLAN SHOWING SLAB REINF. DETAILS
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-5 thru S-9
 CDS ARE DATED ON 04/07/16



ELEVATION Q
SCALE = 1/4" = 1'-0"
R-10



ELEVATION Q
SCALE = 1/4" = 1'-0"
R-10

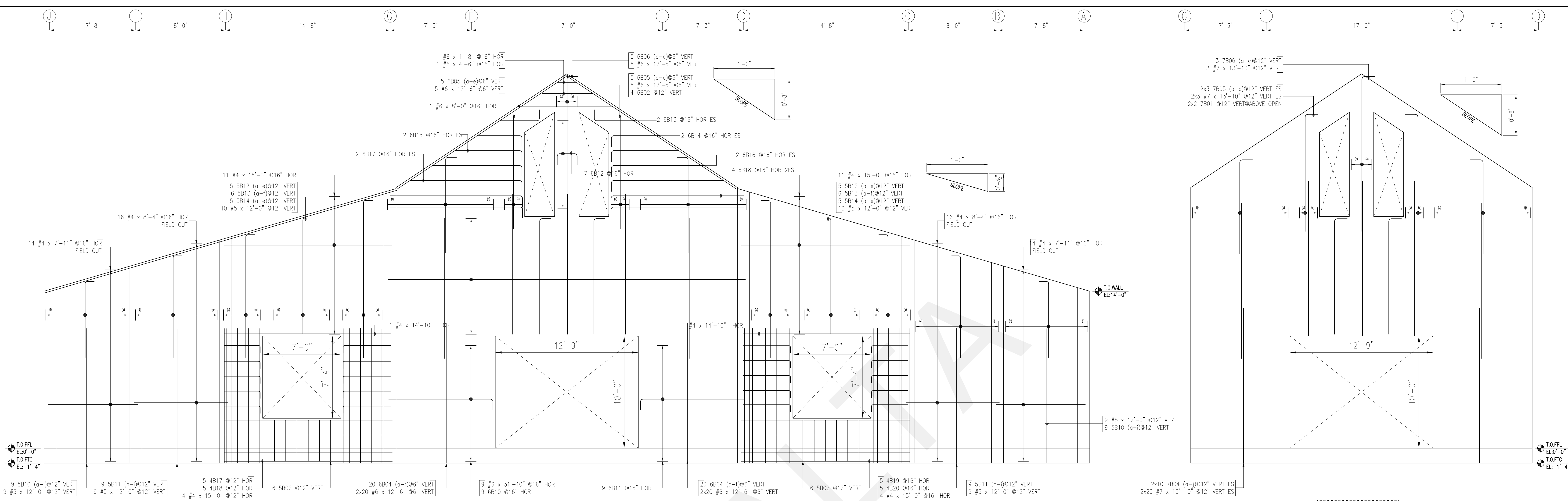


KEYPLAN
SCALE = N.T.S.

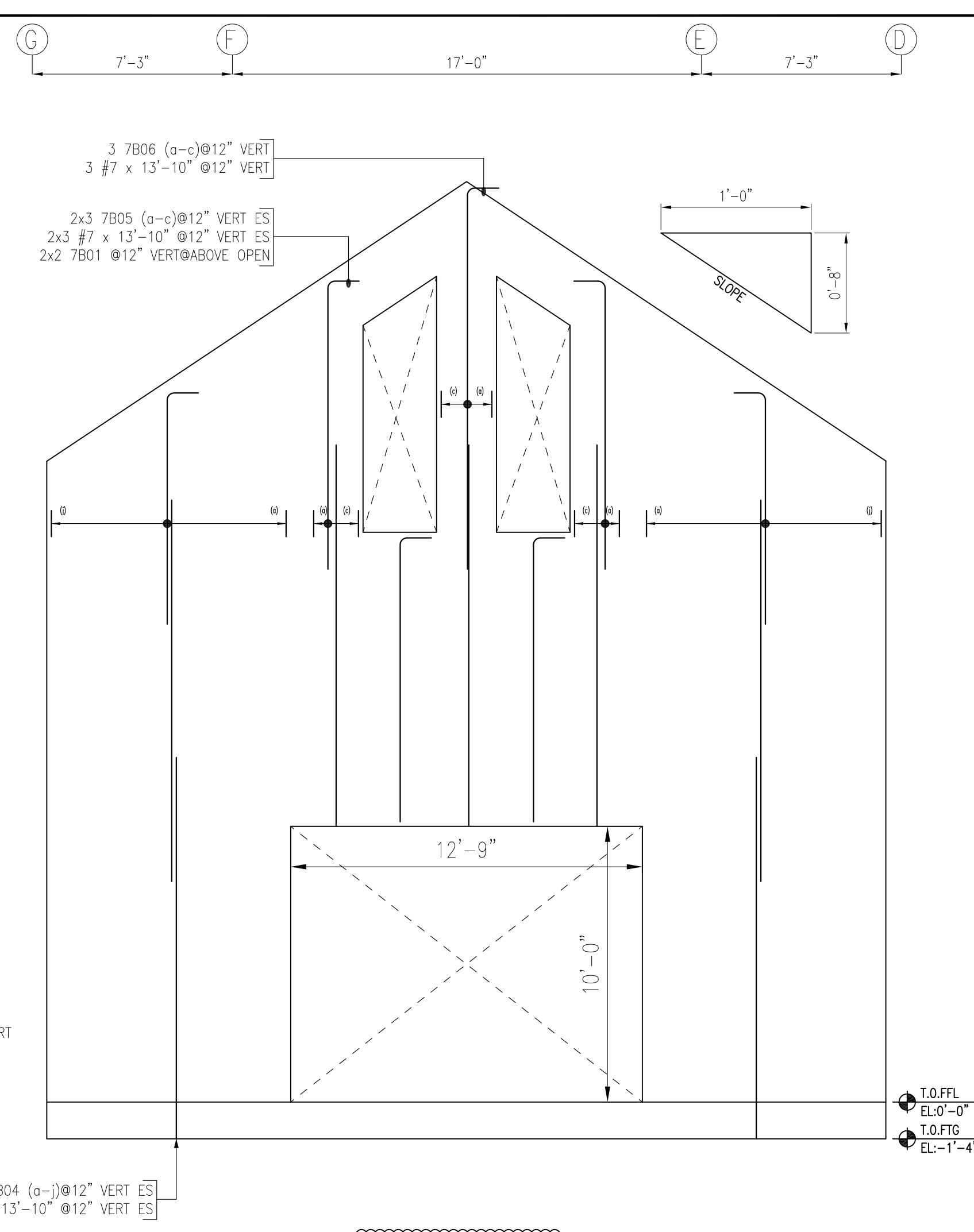
- NOTES:-**
1. TYPICAL CLEARANCES
For ICF WALL 2" Cover Top & Sides Typ.
 2. PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. BARS TO BE FIELD BEND AS REQUIRED U.O.N.
 4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

Lap Schedule		
Size	Top bars	Other bars
#3	24"	21"
#4	33"	27"
#5	42"	33"
#6	51"	39"
#7	72"	54"
#8	81"	63"

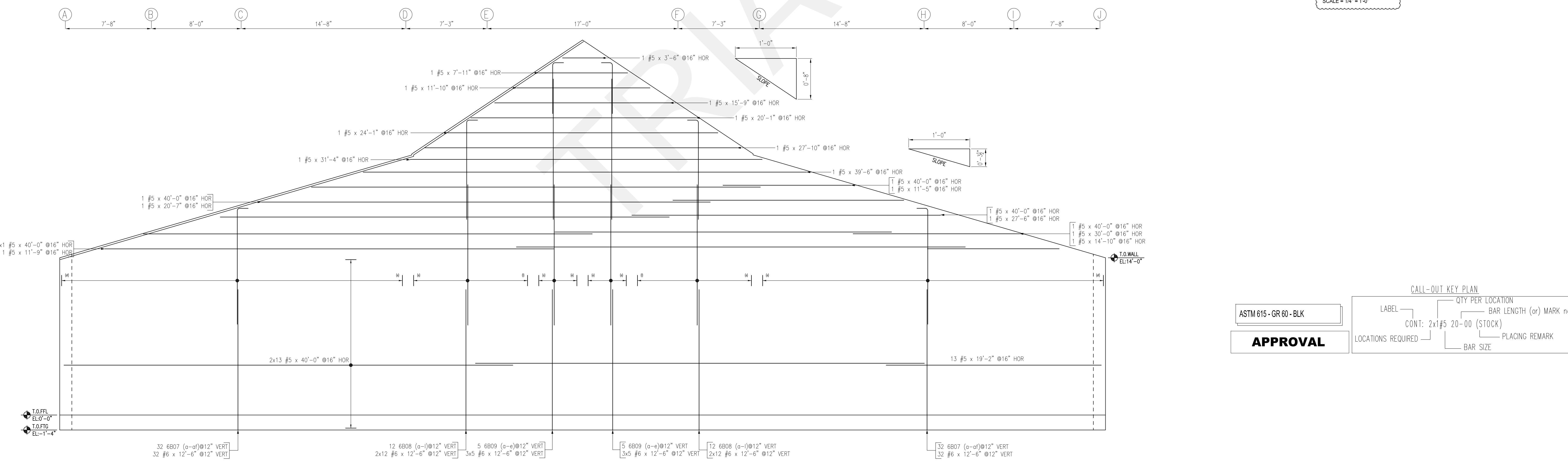
PROJECT	CONTRACTOR	ENGINEER	REINFORCING STEEL GRADE Grade 60 (420)	THIS DRAWING IS NOT TO BE SCALED				DATE
PROJECT NO.	DRAWING NO.	LOCATION					BY	



ELEVATION - C
SCALE = 1/4" = 1'-0"



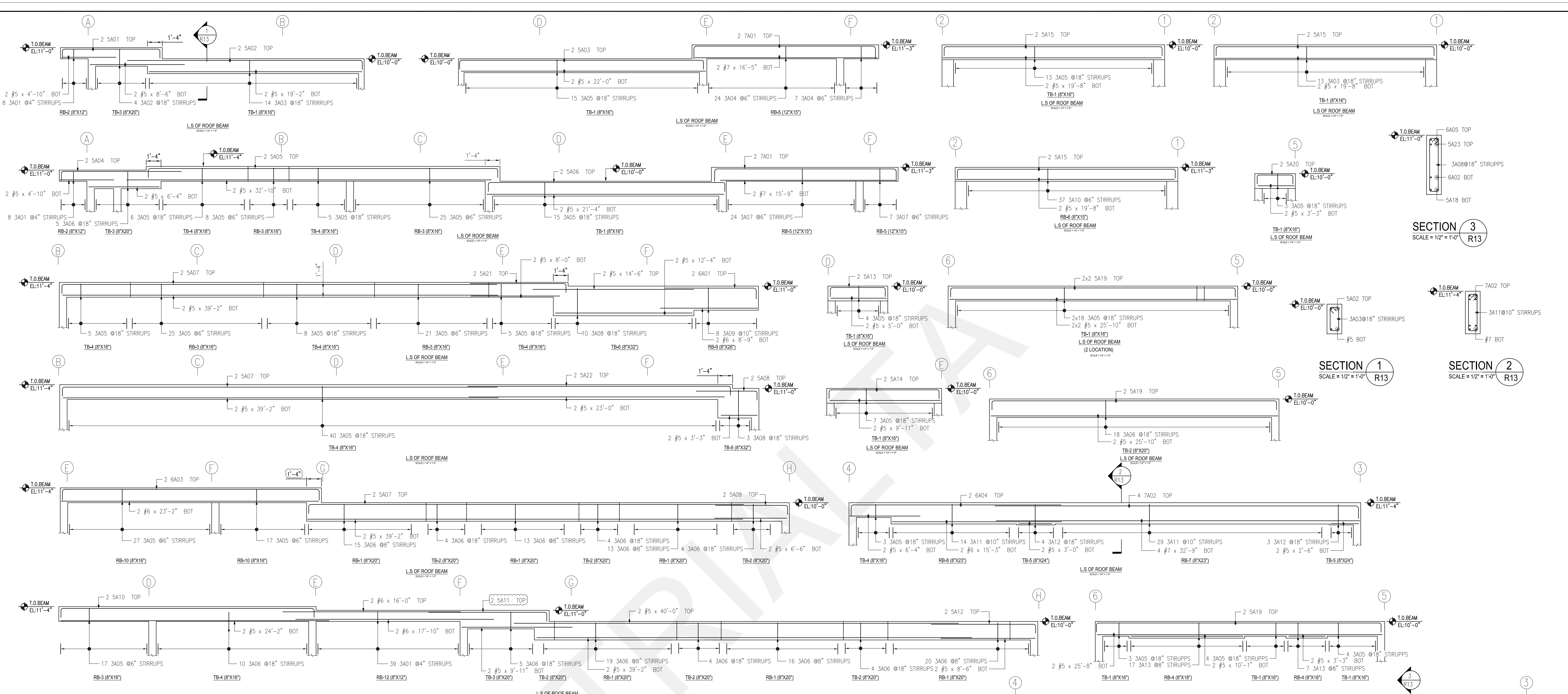
ELEVATION - C
(ADDL REINFORCEMENTS)
SCALE = 1/4" = 1'-0"



ELEVATION - D
SCALE = 1/4" = 1'-0"

CALL-OUT KEY PLAN

ASTM 615 - GR 60 - BLK	QTY PER LOCATION	BAR LENGTH (or) MARK no.
APPROVAL	CONT: 2x1#5 20-00 (STOCK)	PLACING REMARK
	LOCATIONS REQUIRED	BAR SIZE

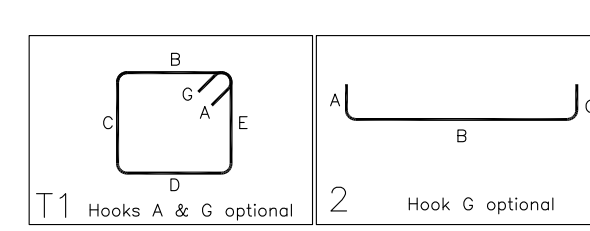


Release Number: 0

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'
3A01	55	#3	3'-0"	11	4"	5"	9"	5"	9"																					
3A02	4	#3	4'-4"	11	4"	1'-5"	5"	1'-5"	5"																					
3A03	27	#3	3'-9"	11	4"	1'-1"	5"	1'-1"	5"																					
3A04	38	#3	4'-2"	11	4"	9"	1'-0"	9"	1'-0"																					
3A05	316	#3	3'-8"	11	4"	5"	1'-1"	5"	1'-1"																					
3A06	154	#3	4'-4"	11	4"	5"	1'-5"	5"	1'-5"																					
3A07	31	#3	4'-4"	11	4"	9"	1'-1"	9"	1'-1"																					
3A08	33	#3	6'-4"	11	4"	5"	2'-5"	5"	2'-5"																					
3A09	44	#3	5'-4"	11	4"	5"	1'-11"	5"	1'-11"																					
3A10	33	#3	3'-5"	11	4"	5"	1'-0"	5"	1'-0"																					
3A11	43	#3	4'-10"	11	4"	5"	1'-8"	5"	1'-8"																					
3A12	7	#3	5'-0"	11	4"	5"	1'-9"	5"	1'-9"																					
3A13	24	#3	4'-0"	11	4"	5"	1'-3"	5"	1'-3"																					
5A01	2	#5	10'-6"	2	10"	8'-10"																								
5A02	2	#5	22'-0"	2	10"	21'-2"																								
5A03	2	#5	25'-8"	2	10"	22'-0"																								
5A04	2	#5	11'-8"	2	10"	10'-10"																								
5A05	2	#5	35'-2"	2	10"	31'-5"																								
5A06	2	#5	25'-0"	2	10"	21'-4"																								
5A07	6	#5	40'-0"	2	10"	39'-5"																								
5A08	2	#5	6'-4"	2	10"	5'-6"																								
5A09	2	#5	7'-4"	2	10"	6'-4"																								
5A10	2	#5	24'-6"	2	10"	22'-10"																								
5A11	2	#5	11'-8"	2	10"	10'-8"																								
5A12	2	#5	10'-3"	2	10"	9'-5"																								
5A13	2	#5	6'-8"	2	10"	5'-0"																								
5A14	2	#5	11'-7 1/2"	2	10"	9'-11 1/2"																								
5A15	6	#5	21'-4"	2	10"	19'-8"																								
5A16	2	#5	5'-3"	2	10"	3'-7"																								
5A17	2	#5	10'-11"	2	10"	9'-3"																								

Release Number: 0

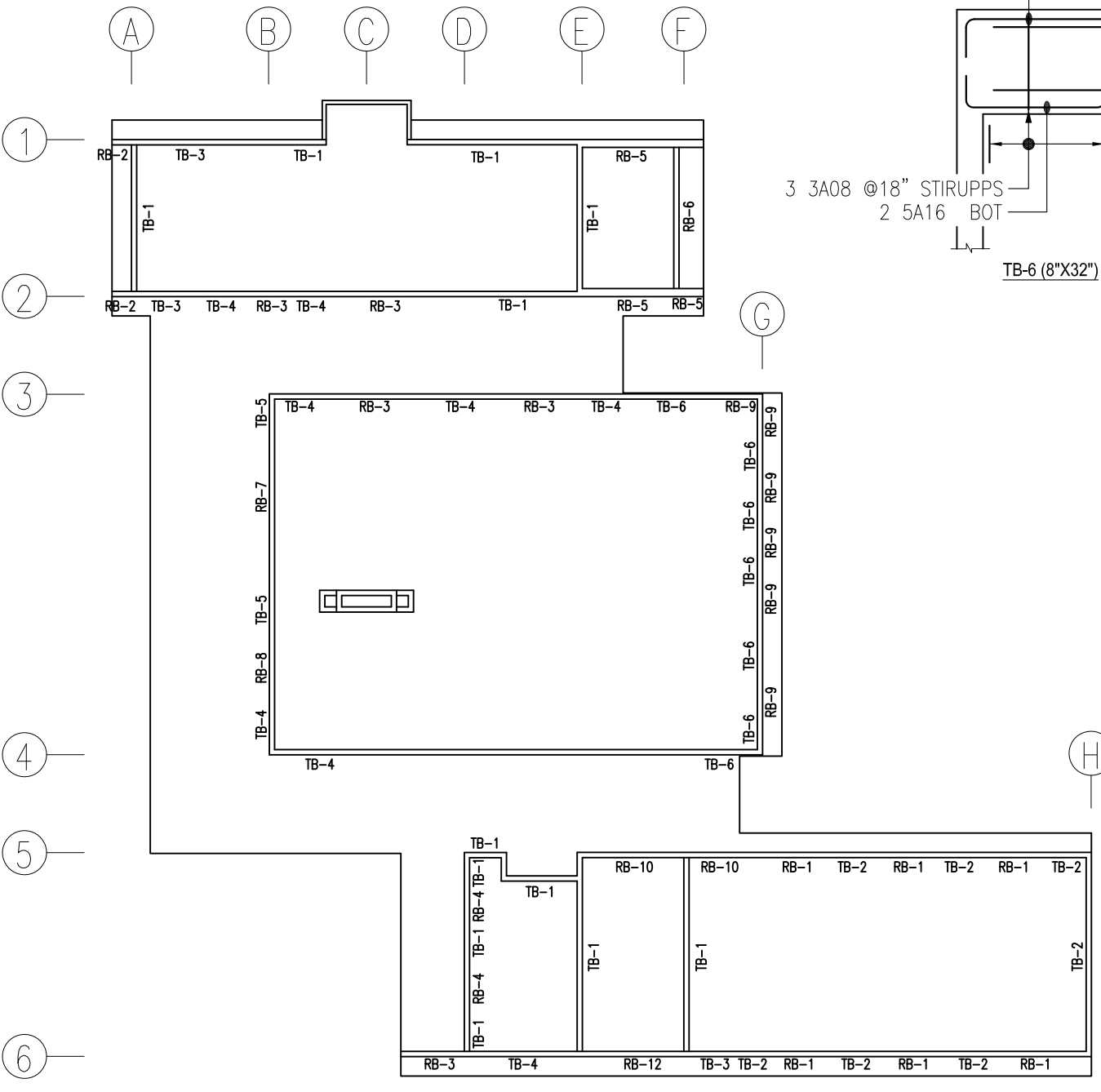
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	M'	L'	K'	J'	I'	H'	G'	F'	E'	D'	C'	B'	A'
5A18	6	#5	4'-4"	2	10"	2'-8"																								
5A19	8	#5	27'-4"	2	10"	25'-8"																								
5A20	2	#5	4'-11 1/2"	2	10"	3'-3 1/2"																								
5A21	2	#5	9'-6"	2	10"	8'-8"																								
5A22	2	#5	24'-6"	2	10"	23'-8"																								
5A23	2	#5	32'-10"	2	10"	32'-0"																								
6A01	2	#6	9'-3"	2	1'-0"	8'-3"																								
6A02	2	#6	33'-0"	2	1'-0"	32'-0"																								
6A03	2	#6	25'-2"	2	1'-0"	23'-2"																								
6A04	2	#6	19'-11"	2	1'-0"	18'-11"																								
6A05	2	#6	40'-2"	2	1'-0"	39'-2"																								
6A06	2	#6	10'-3"	2	1'-0"	9'-3"																								
7A01	4	#7	18'-9"	2	1'-2"	16'-5"																								
7A02	4	#7	35'-11"	2	1'-2"	32'-9"																								



Lap Table
48 Bar Dia

#3	18"
#4	24"
#5	30"
#6	36"
#7	42"

NOTES:-
1. TYPICAL CLEARANCES
A) For Beam 1 1/2" Cover At All Side Typ.
2. A/C PLEASE VERIFY THE ALL COLORED ITEMS
4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

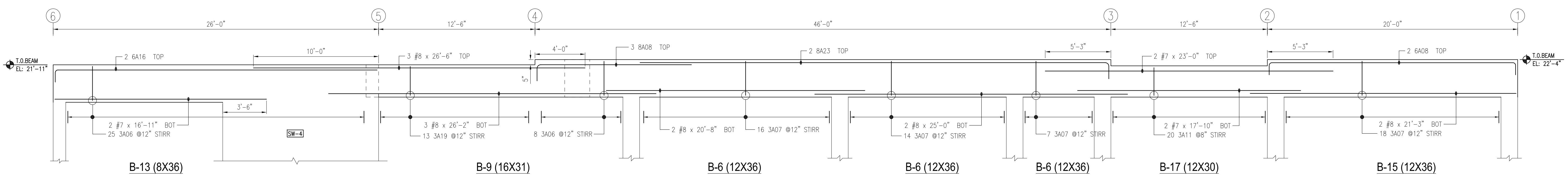


ASTM 615 - GR 60 - BLK

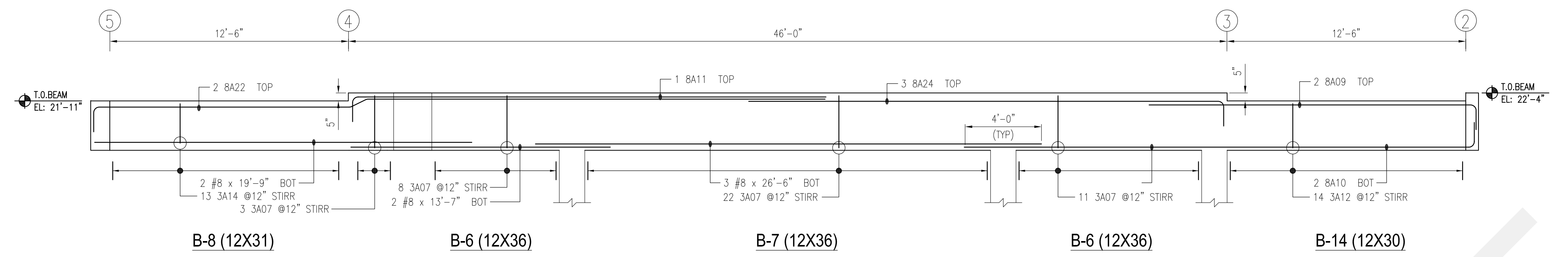
APPROVAL

CALL-OUT KEY PLAN

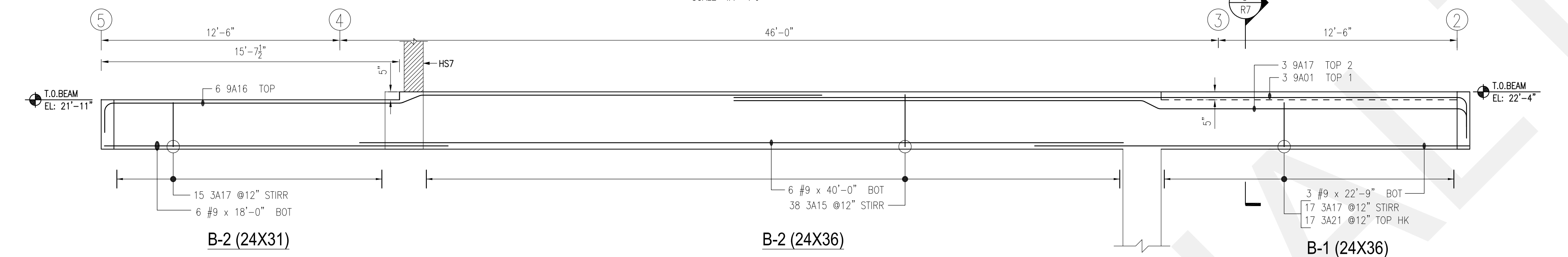
LABEL: QTY PER LOCATION, BAR LENGTH (or) MARK no., CONT: 2x1#5 20-00 (STOCK), LOCATIONS REQUIRED, BAR SIZE, PLACING REMARK



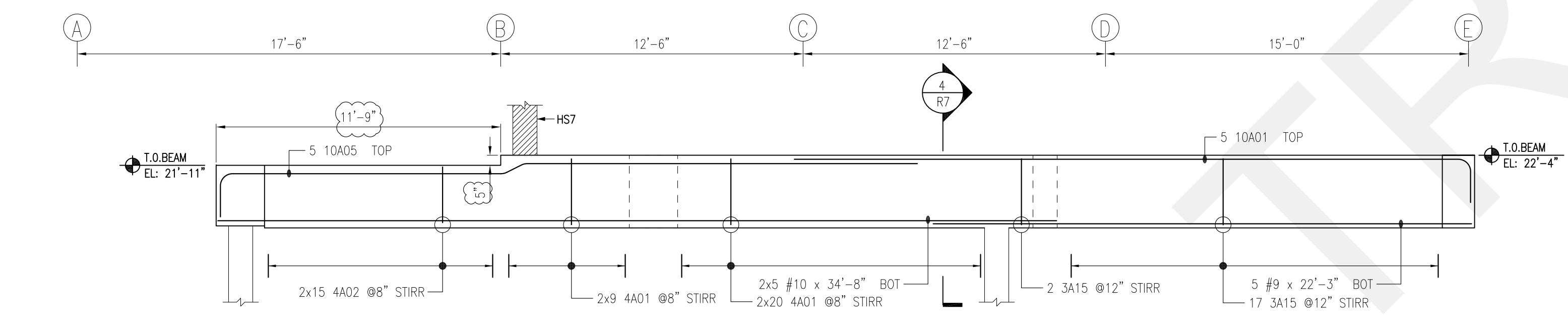
L.S-1 OF 1ST FLOOR BEAM
SCALE = 1/4" = 1'-0"



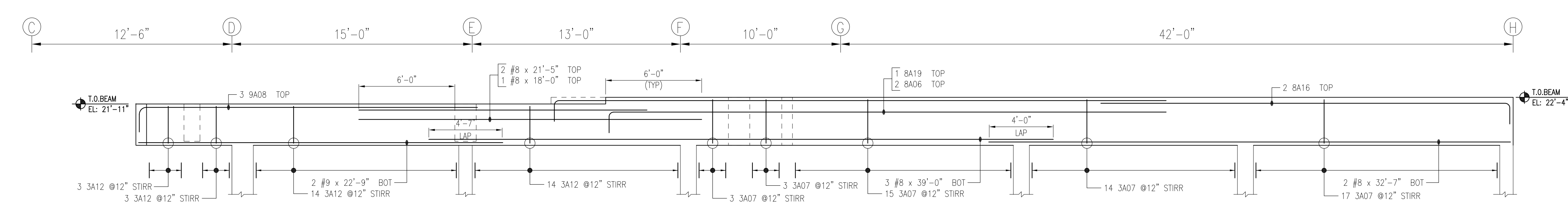
L.S-2 OF 1ST FLOOR BEAM
SCALE = 1/4" = 1'-0"



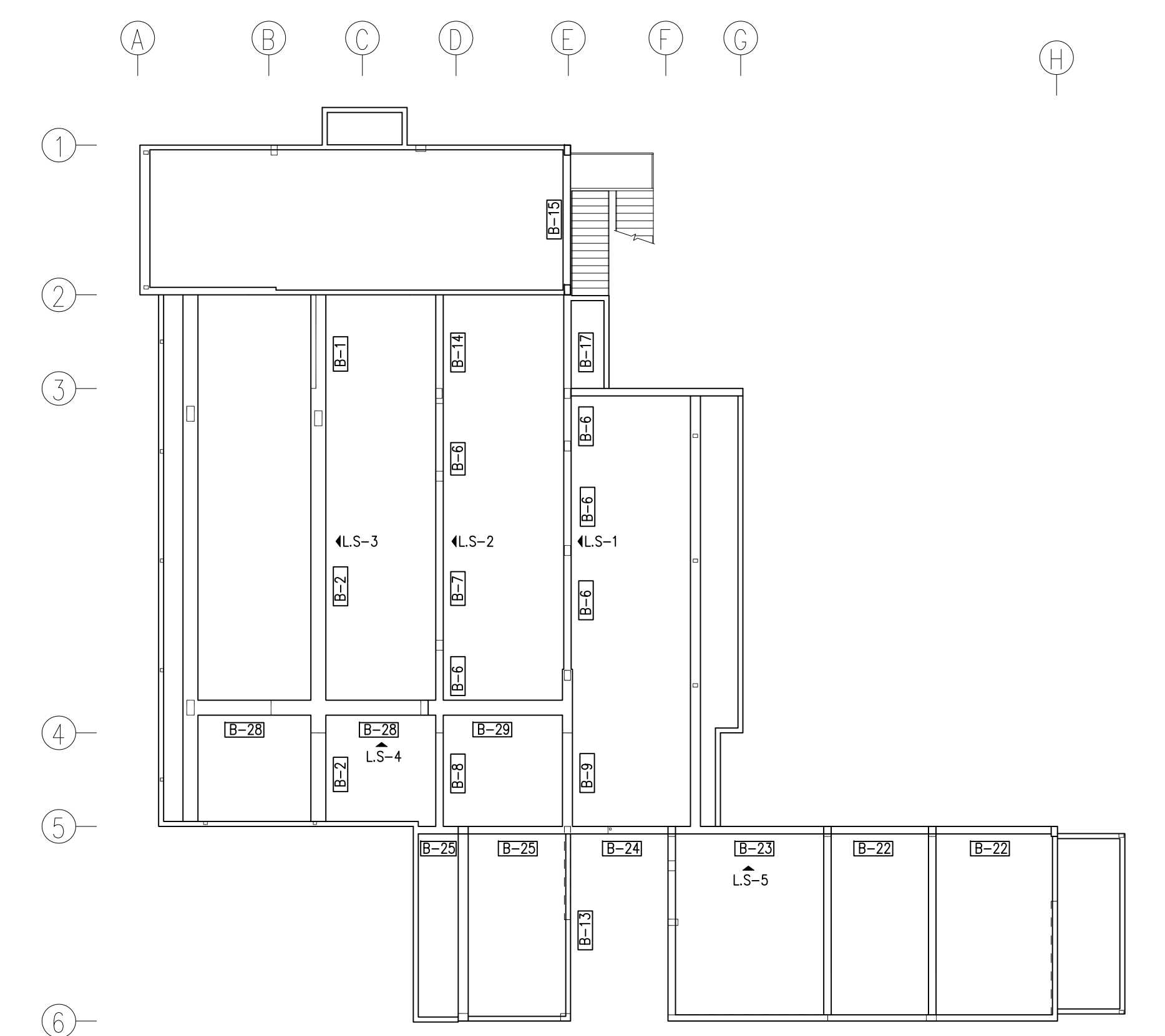
L.S-3 OF 1ST FLOOR BEAM
SCALE = 1/4" = 1'-0"



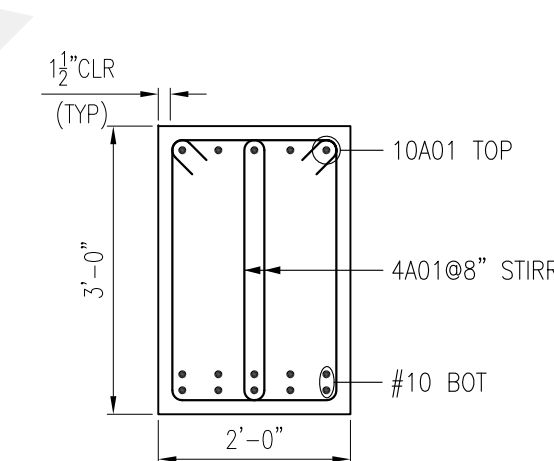
L.S-4 OF 1ST FLOOR BEAM
SCALE = 1/4" = 1'-0"



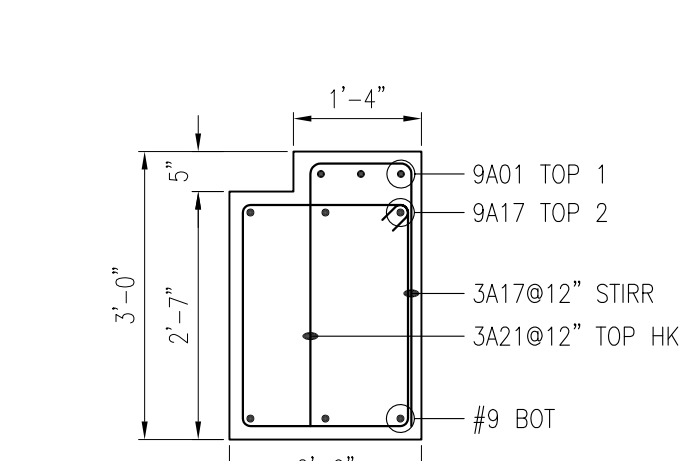
L.S-5 OF 1ST FLOOR BEAM
SCALE = 1/4" = 1'-0"



KEY PLAN
SCALE = N.T.S.



SECTION 4
SCALE = 1/2" = 1'-0" R-7



SECTION 5
SCALE = 1/2" = 1'-0" R-7

Lap Table	48 Bar Dia
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

FOR BAR BENDING SCHEDULE
REFER TO DWG # R-5

- NOTES:-**
- TYPICAL CLEARANCES
 - FOR BEAM 1/2" COVER FOR ALL SIDES TYP.
 - PLEASE VERIFY THE ALL CLOUDED ITEMS
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

FOR FIELD USE

ASTM 615 - GR 60 - BLK

LOCATIONS REQUIRED

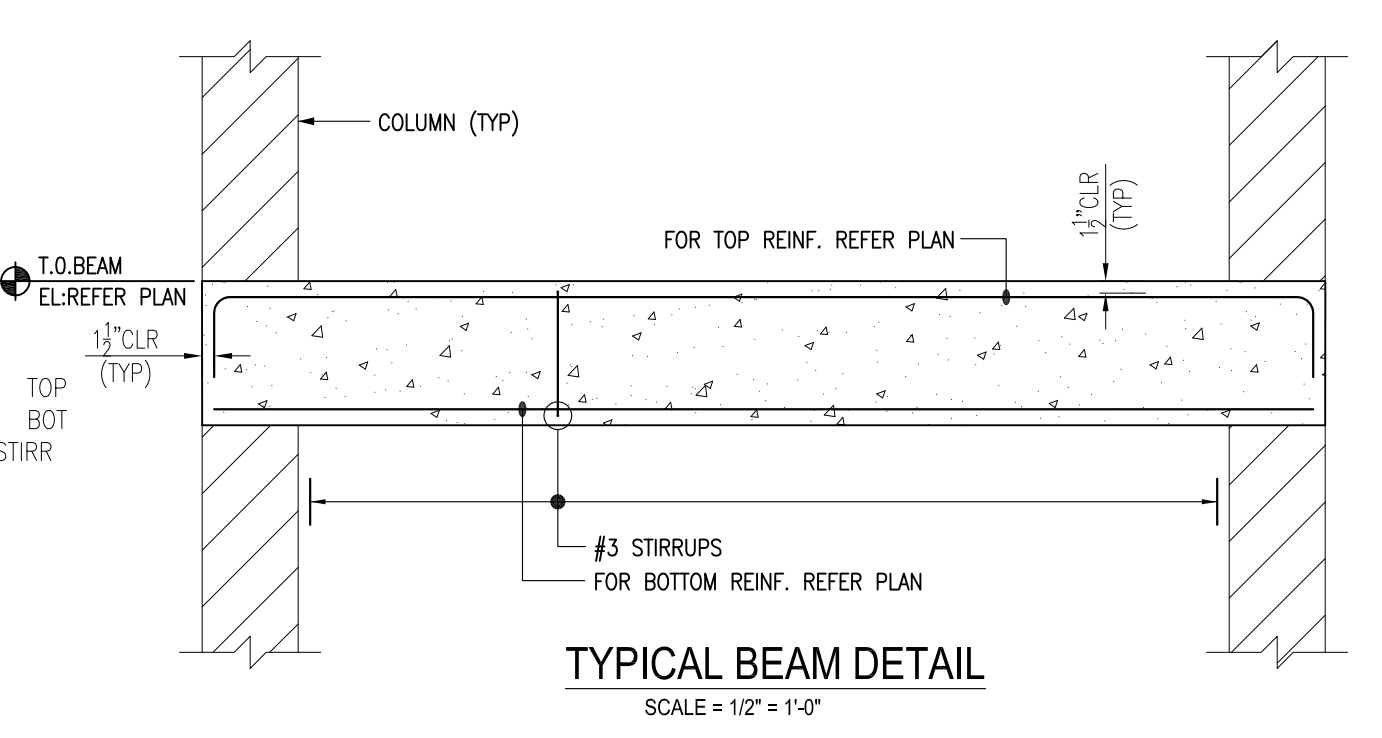
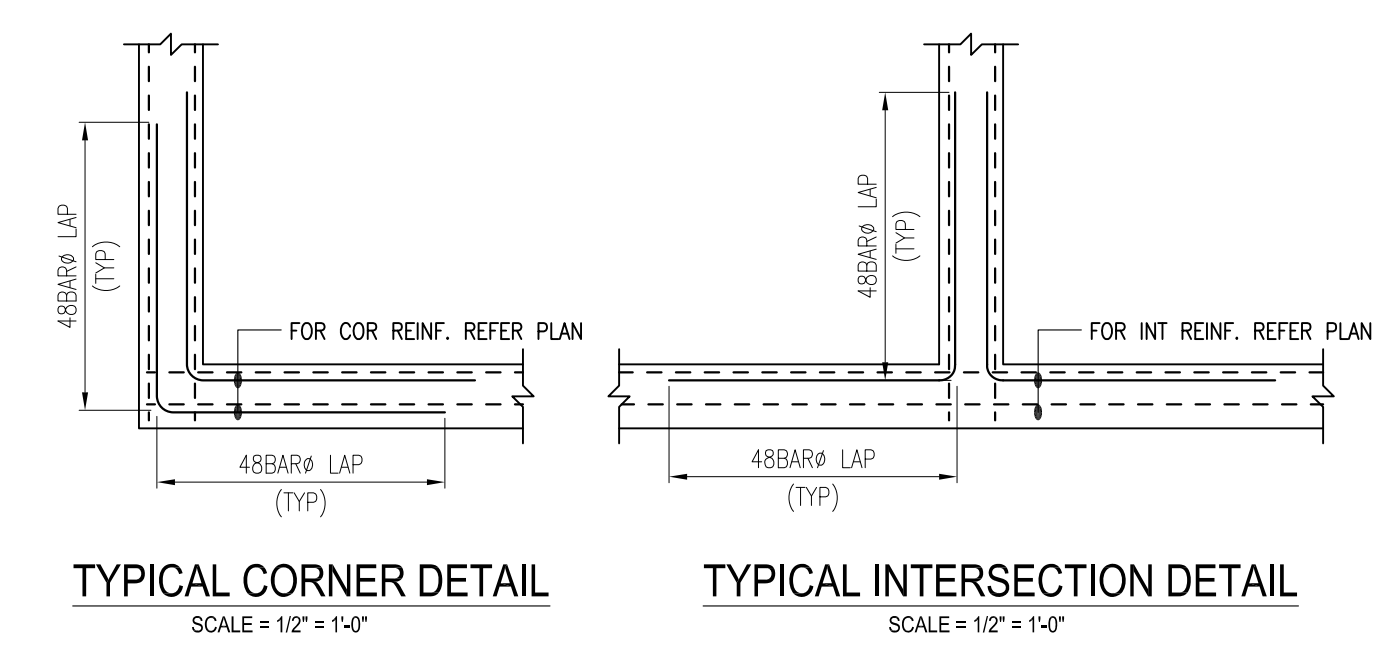
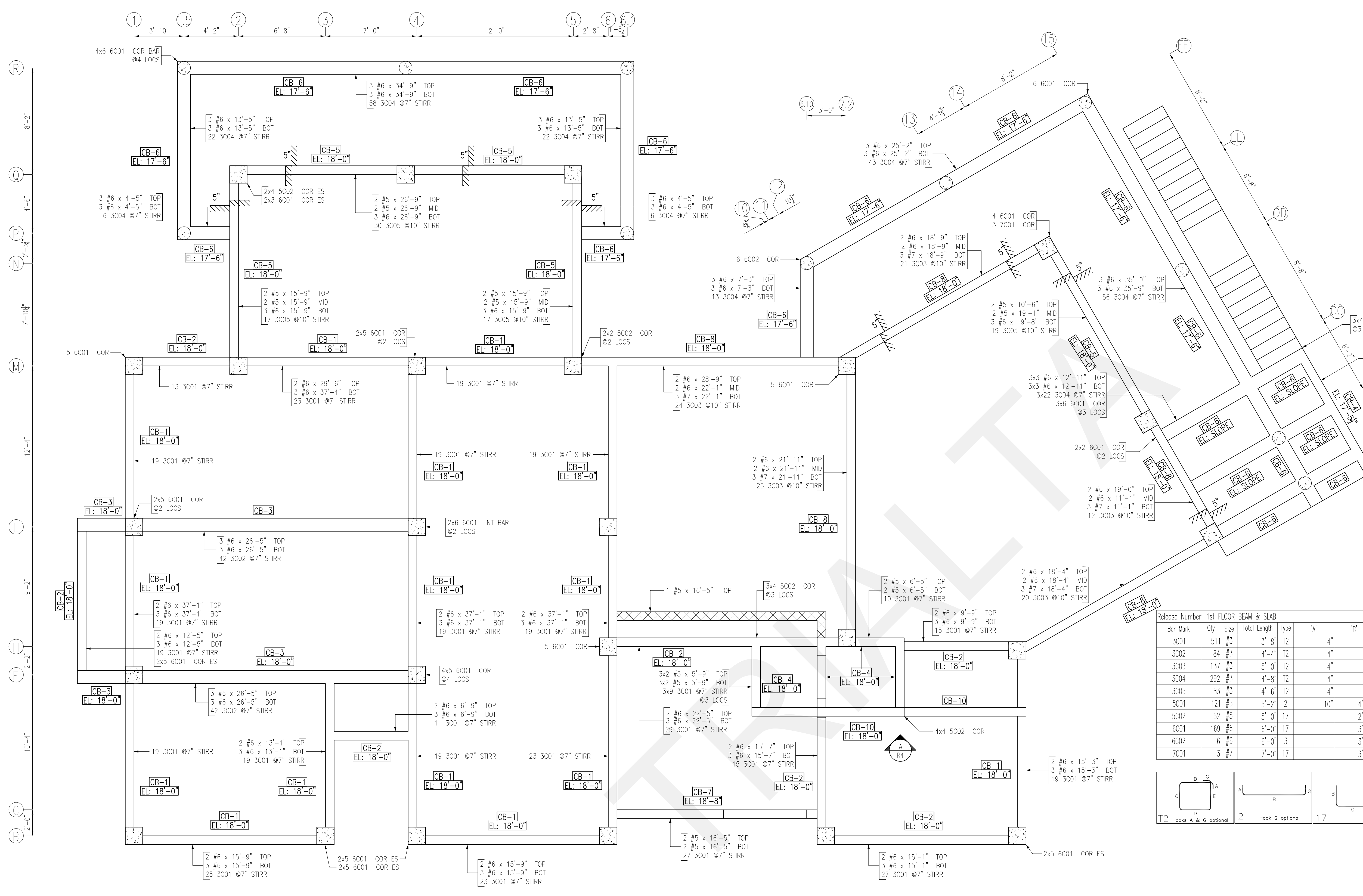
QTY PER LOCATION

BAR LENGTH (or) MARK no.

CONT: 2x1#5 20-00 (STOCK)

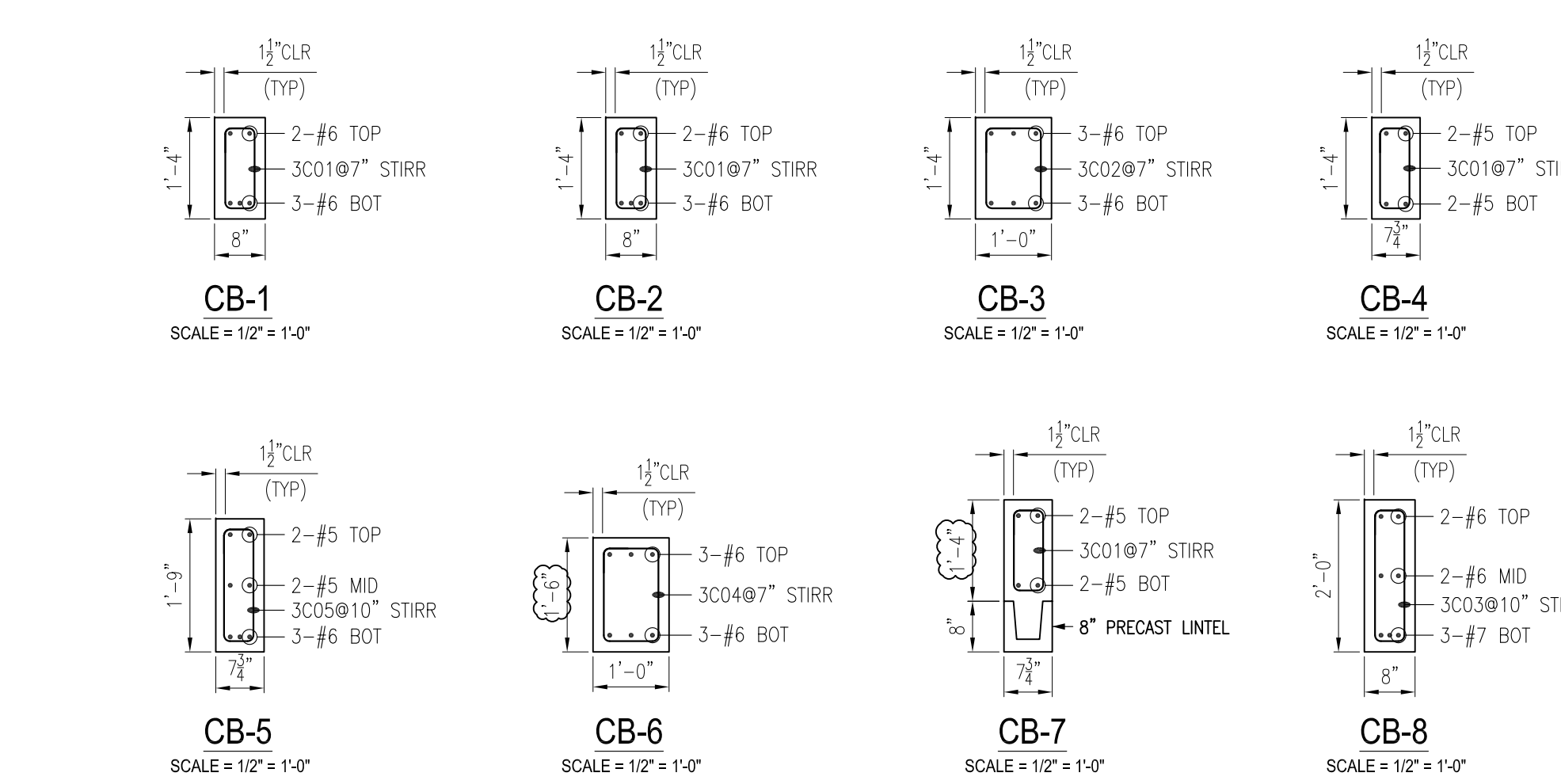
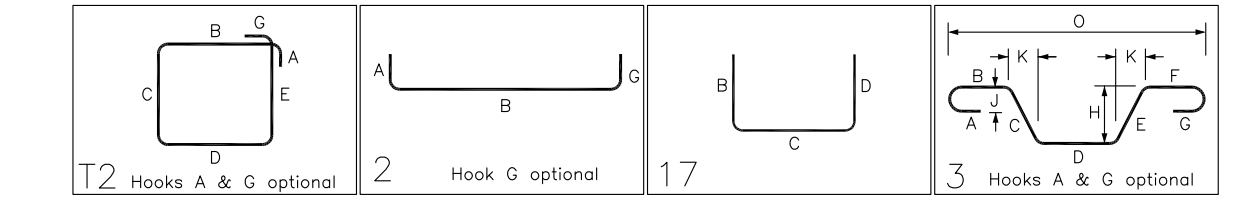
PLACING REMARK

BAR SIZE



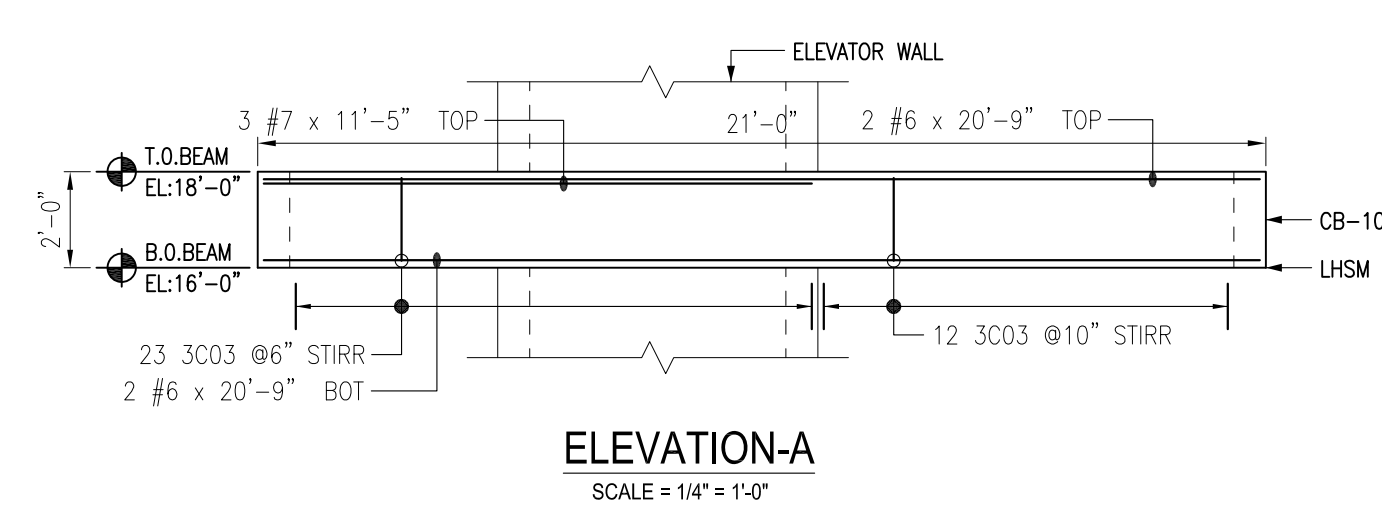
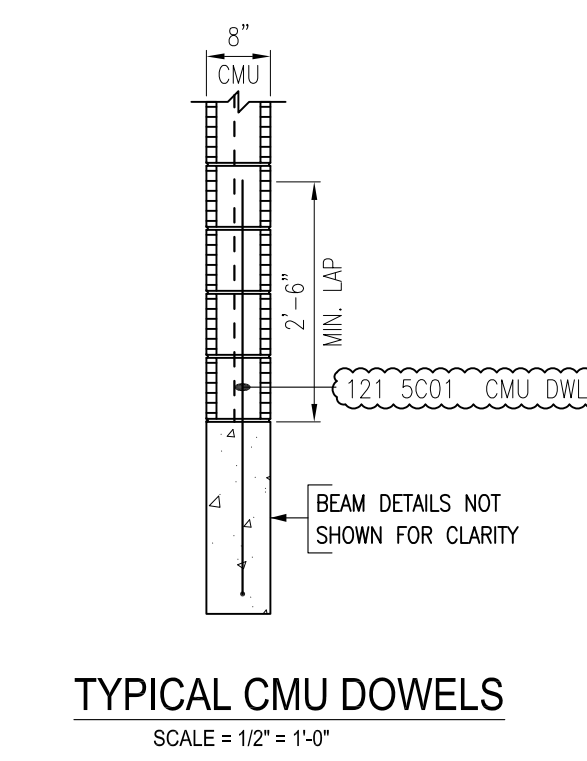
Release Number: 1st FLOOR BEAM & SLAB

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'
3C01	511	#3	3'-8"	T2	4'	5'	1'-1"	5'	1'-1"								
3C02	84	#3	4'-4"	T2	4'	9'	1'-1"	9'	1'-1"								
3C03	137	#3	5'-0"	T2	4'	5'	1'-9"	5'	1'-9"								
3C04	292	#3	4'-8"	T2	4'	9'	1'-3"	9'	1'-3"								
3C05	83	#3	4'-6"	T2	4'	5'	1'-6"	5'	1'-6"								
5C01	121	#5	5'-2"	2	10'	4'-4"											
5C02	52	#5	5'-0"	17		2'-6"	2'-6"										
6C01	169	#6	6'-0"	17		3'-0"	3'-0"										
6C02	6	#6	6'-0"	3		3'-0"	3'-0"					2'-7 1/2"		1'-5 1/4"		4'-5 1/4"	
7C01	3	#7	7'-0"	17		3'-6"	3'-6"										



FIRST FLOOR FRAMING PLAN
(SHOWING BEAM REINFORCEMENTS)

SCALE = 1/4" = 1'-0"
REF SHEETS: S1.0 thru S1.4 & A0 thru A7.7
CDS ARE DATED ON 11/07/16

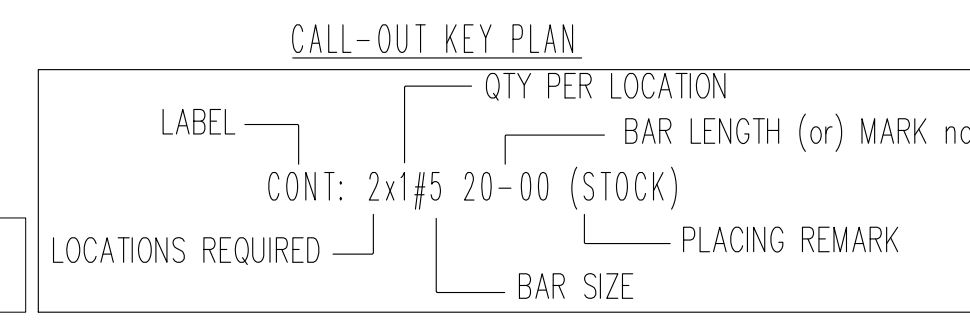


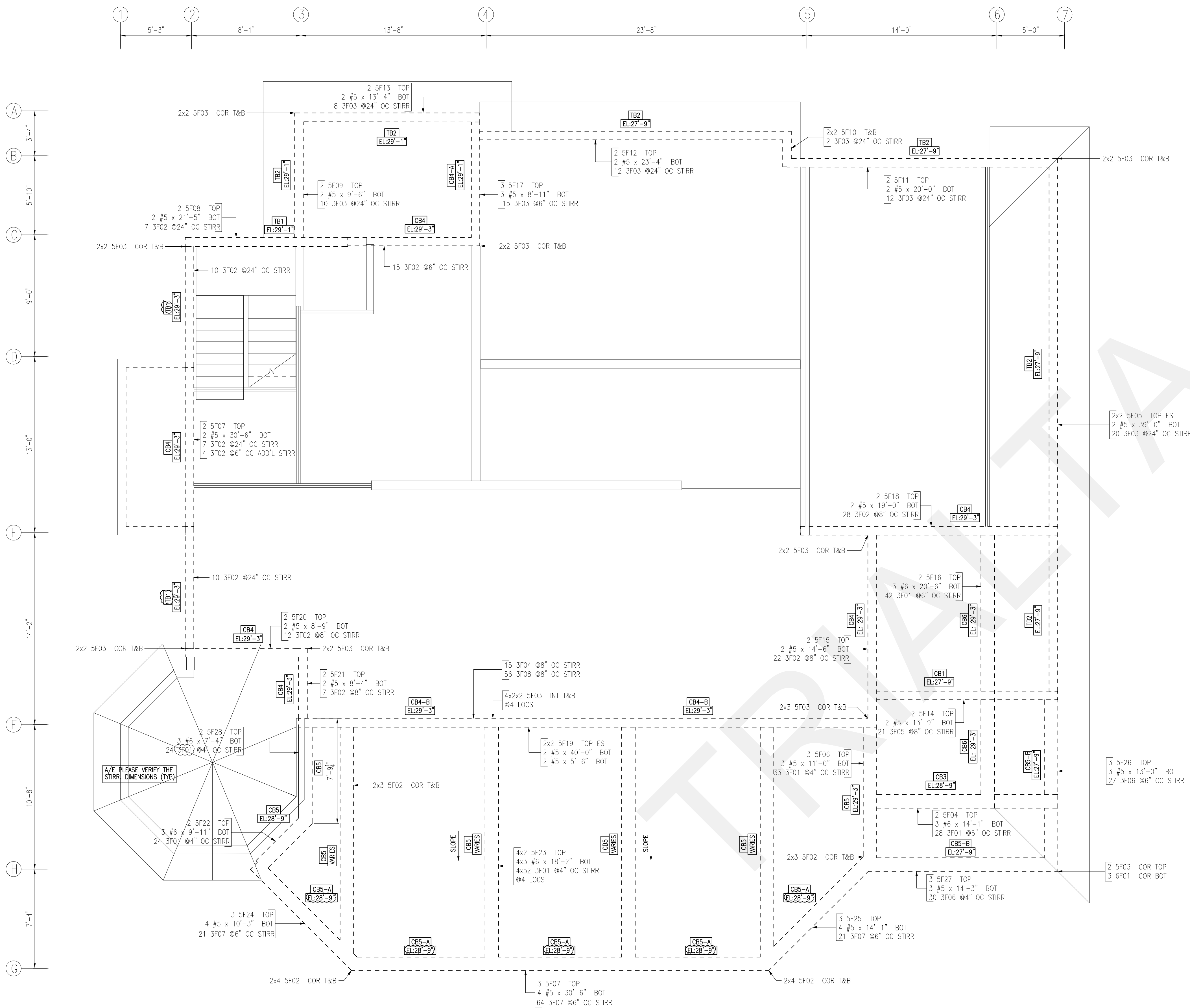
Lap Table

48 Bar Dia	Bar Length
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

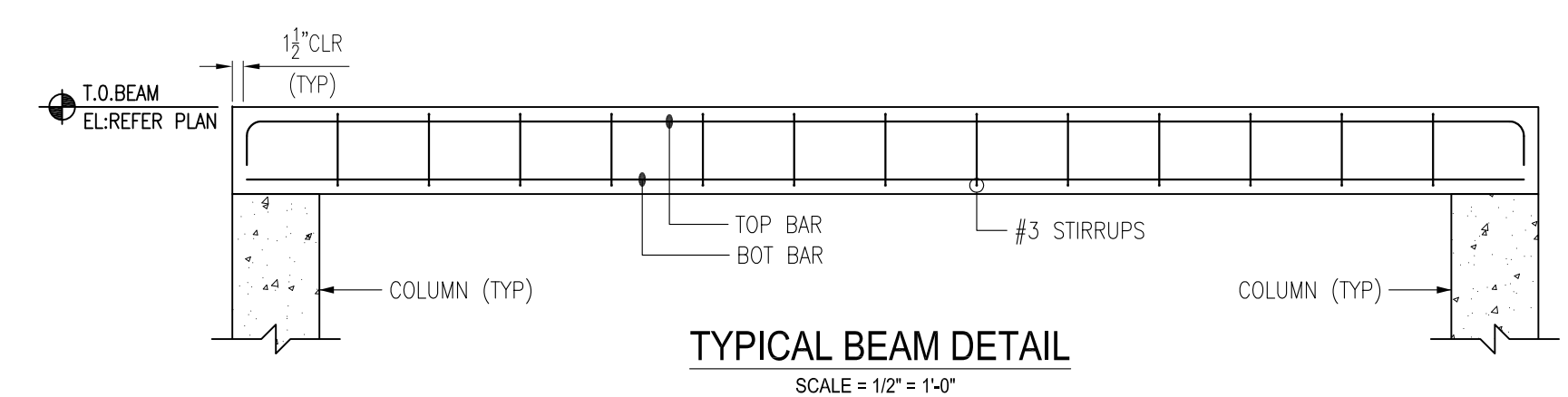
- NOTES:-**
- TYPICAL CLEARANCES
 - For Beam Main Bar & Stirrups 1/4" For All Sides Typ.
 - PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED
 5. FIELD CUT & BEND BARS TO SUITE AT REQUIRED LOCATIONS

ASTM 615 - GR 60 - BLK
FIELD USE

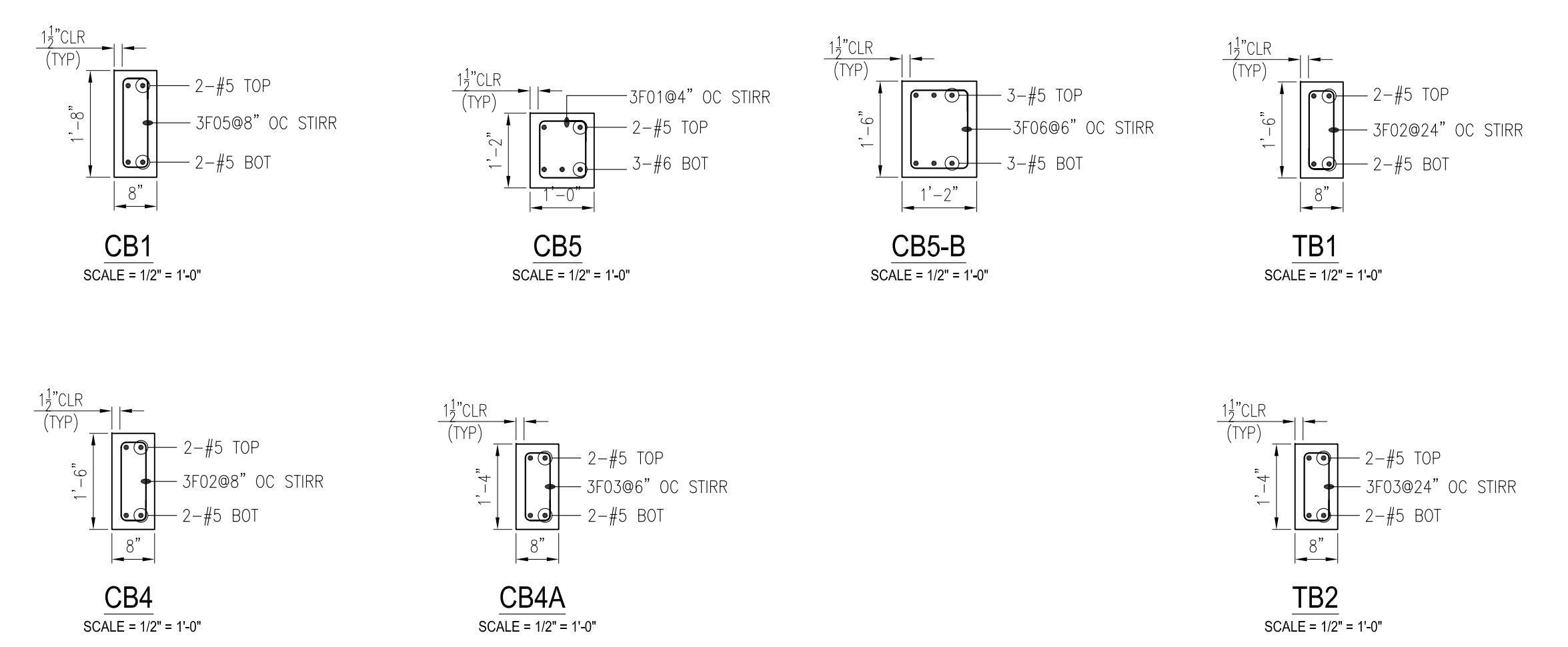




2ND FLOOR FRAMING PLAN
 (SHOWING BEAM REINFORCEMENT DETAIL)
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-0 thru S-13 & A-0 thru A-6.0
 CDS ARE DATED ON 03/22/17

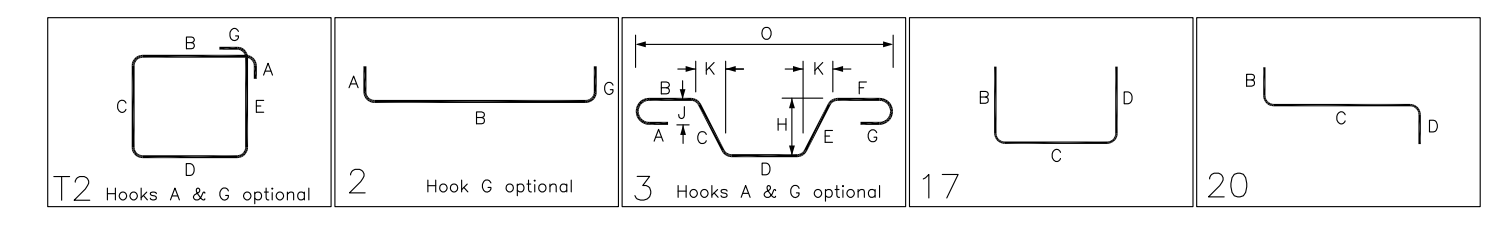


TYPICAL BEAM DETAIL
 SCALE = 1/2" = 1'-0"



Release Number: 2ND FLR BEAM & DWLS

Bar Mark	Qty	Size	Total Length	Type	'x'	'y'	'z'	'w'	'v'	'u'	't'	's'	'r'	'q'	'p'
SF01	359	#3	4'-0"	T2	4"	9"		11"	9"	11"					4"
SF02	122	#3	4'-0"	T2	4"	9"	1'-3"	5"	1'-3"						4"
SF03	79	#3	3'-8"	T2	4"	5"	1'-1"	5"	1'-1"						4"
SF04	15	#3	5'-4"	T2	4"	5"	1'-11"	5"	1'-11"						4"
SF05	21	#3	4'-4"	T2	4"	5"	1'-5"	5"	1'-5"						4"
SF06	57	#3	5'-0"	T2	4"	11"	1'-3"	11"	1'-3"						4"
SF07	106	#3	6'-1"	T2	4"	1'-3"	1'-5"	1'-3"	1'-10"	1'-10"					4"
SF08	56	#3	7'-0"	T2	4"	5"	2'-9"	5"	2'-9"						4"
SF09	58	#5	5'-4"	2	10"	4'-6"									
SF02	28	#5	5'-0"	3		2'-6"	2'-6"				1'-9 3/4"	1'-8 3/4"	4'-2 3/4"		
SF03	52	#5	5'-0"	17		2'-6"	2'-6"								
SF04	2	#5	15'-9"	2	10"	14'-1"					10"				
SF05	4	#5	21'-7"	2	10"	20'-9"									
SF06	3	#5	12'-8"	2	10"	11'-0"					10"				
SF07	5	#5	32'-6"	17		1'-0"	30'-6"	1'-0"							
SF08	2	#5	23'-5"	17		1'-0"	21'-5"	1'-0"							
SF09	2	#5	11'-3"	2	10"	9'-7"					10"				
SF10	4	#5	7'-0"	20		2'-6"	2'-0"	2'-6"							
SF11	2	#5	21'-8"	2	10"	20'-0"					10"				
SF12	2	#5	25'-0"	2	10"	23'-4"					10"				
SF13	2	#5	15'-0"	2	10"	13'-4"					10"				
SF14	2	#5	15'-5"	2	10"	13'-9"					10"				
SF15	2	#5	16'-2"	2	10"	14'-6"					10"				
SF16	2	#5	22'-2"	2	10"	20'-6"					10"				
SF17	3	#5	10'-7"	2	10"	8'-11"					10"				
SF18	2	#5	21'-0"	17		1'-0"	19'-0"	1'-0"							
SF19	4	#5	23'-6"	17		1'-0"	22'-6"								
SF20	2	#5	10'-5"	2	10"	8'-9"					10"				
SF21	2	#5	7'-4"	17		1'-0"	5'-4"	1'-0"							
SF22	2	#5	11'-11"	17		1'-0"	9'-11"	1'-0"							
SF23	8	#5	20'-2"	17		1'-0"	18'-2"	1'-0"							
SF24	3	#5	11'-11"	2	10"	10'-3"					10"				
SF25	3	#5	12'-6"	17		1'-0"	10'-6"	1'-0"							
SF26	3	#5	15'-0"	17		1'-0"	13'-0"	1'-0"							
SF27	3	#5	16'-3"	17		1'-0"	14'-3"	1'-0"							
SF28	2	#5	9'-4"	17		1'-0"	7'-4"	1'-0"							
SF01	3	#6	6'-0"	17		3'-0"	3'-0"								



ASTM 615 - GR 60 - BLK
FOR FIELD USE

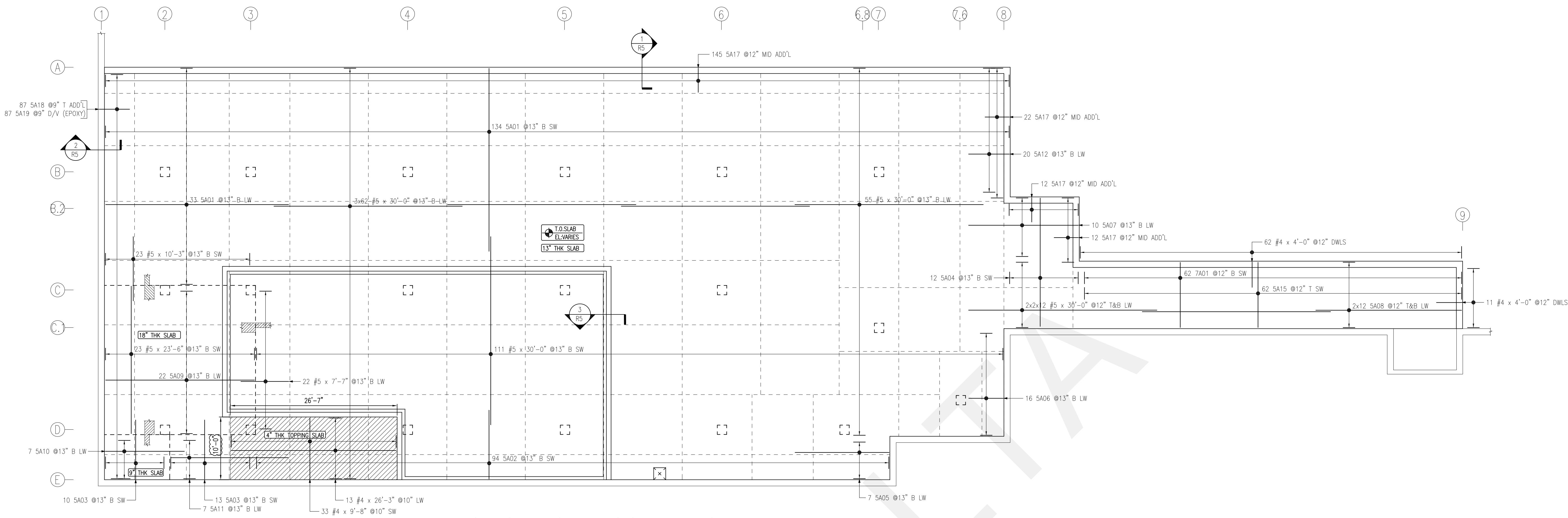
CALL-OUT KEY PLAN
 LABEL — QTY PER LOCATION — BAR LENGTH (or) MARK no.
 CONT: 2x1#5 20-00 (STOCK) — PLACING REMARK
 LOCATIONS REQUIRED — BAR SIZE

FOR SLAB REINFORCEMENT
 REFER TO DWG # R-8

Lap Table

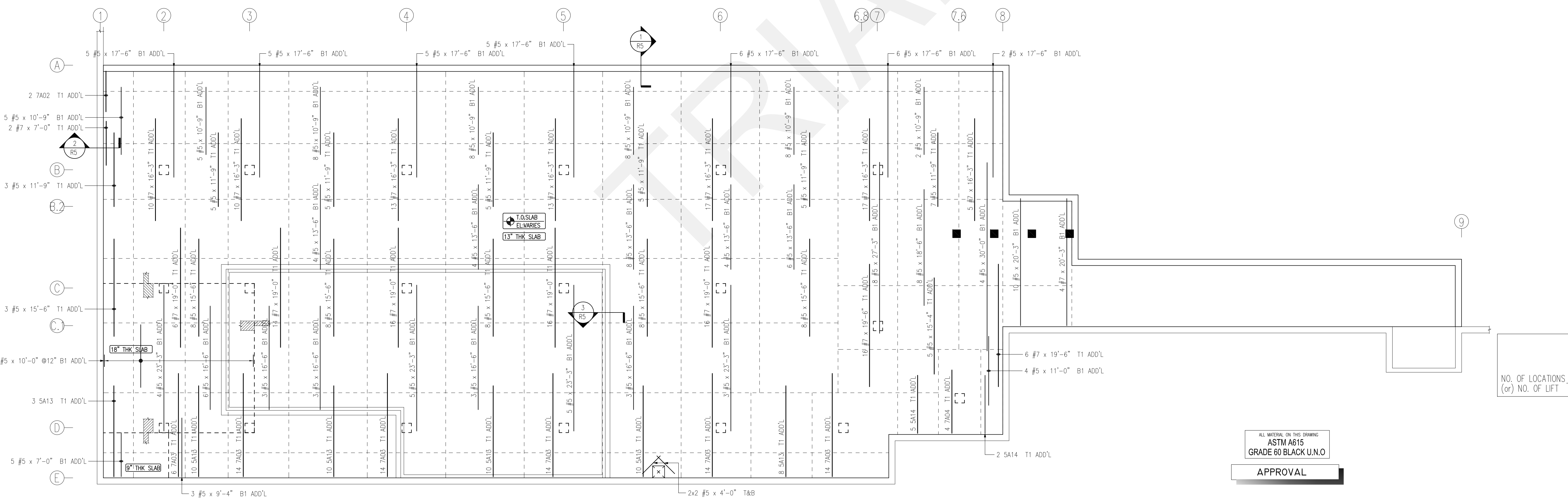
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

NOTES:-
 1. TYPICAL CLEARANCES
 A) For Beam 1/2" Cover For All Sides Typ.
 B) For Slab 1" Cover For All Sides Typ.
 C) **PLEASE VERIFY THE ALL COVERED ITEMS**
 3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED



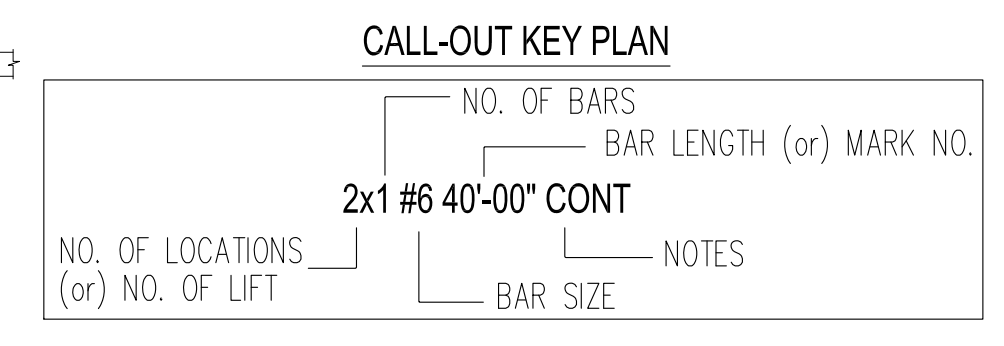
SURFACE LEVEL SLAB REINFORCEMENT DETAILS

SCALE = 1/8" = 1'-0"
 REF SHEETS: S301 thru S302
 REF SHEETS: A002 thru A890
 CDS ARE DATED ON 02/19/16



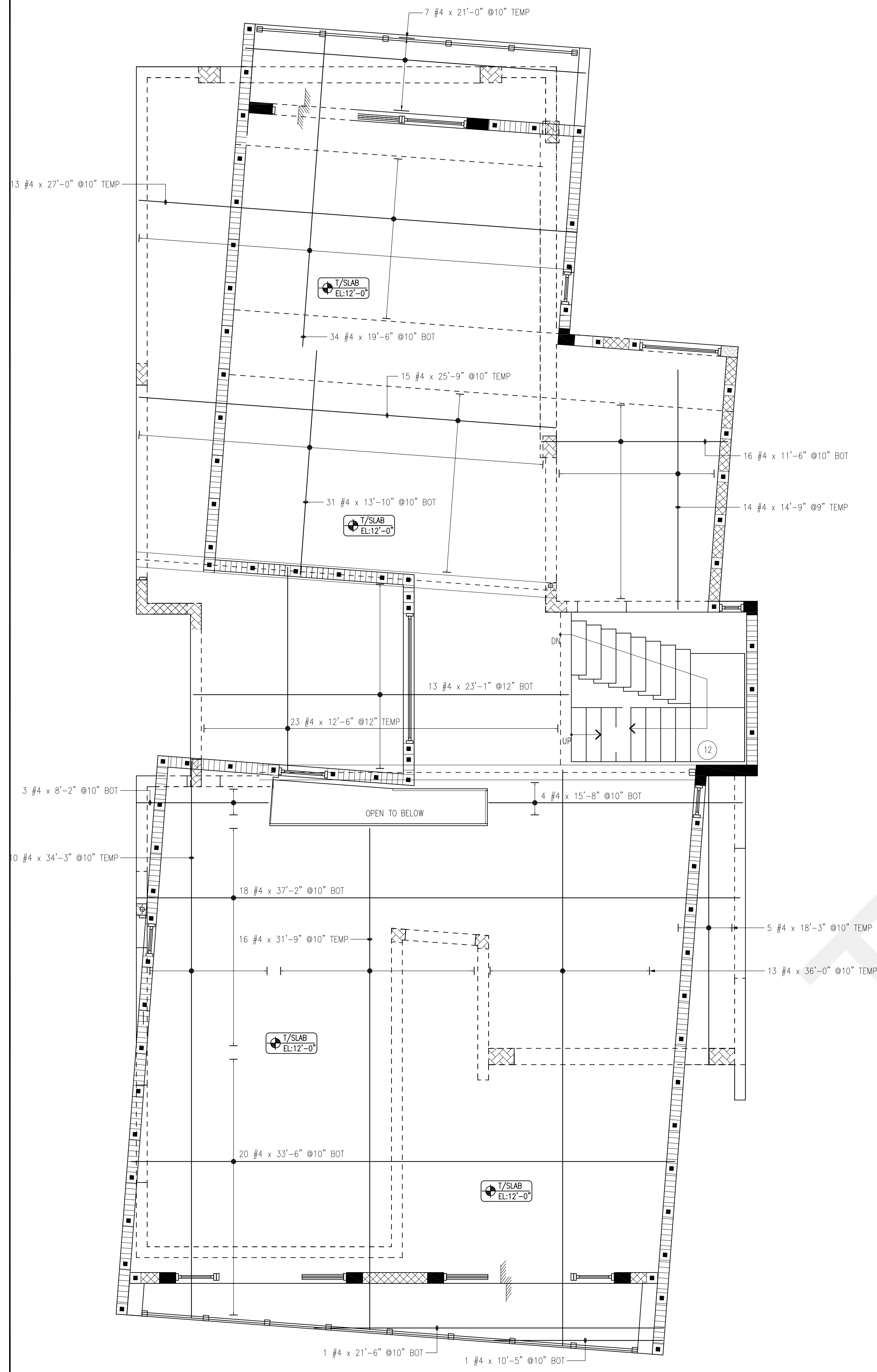
SURFACE LEVEL SLAB SHORT WAY ADDITIONAL REINFORCEMENT DETAILS

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

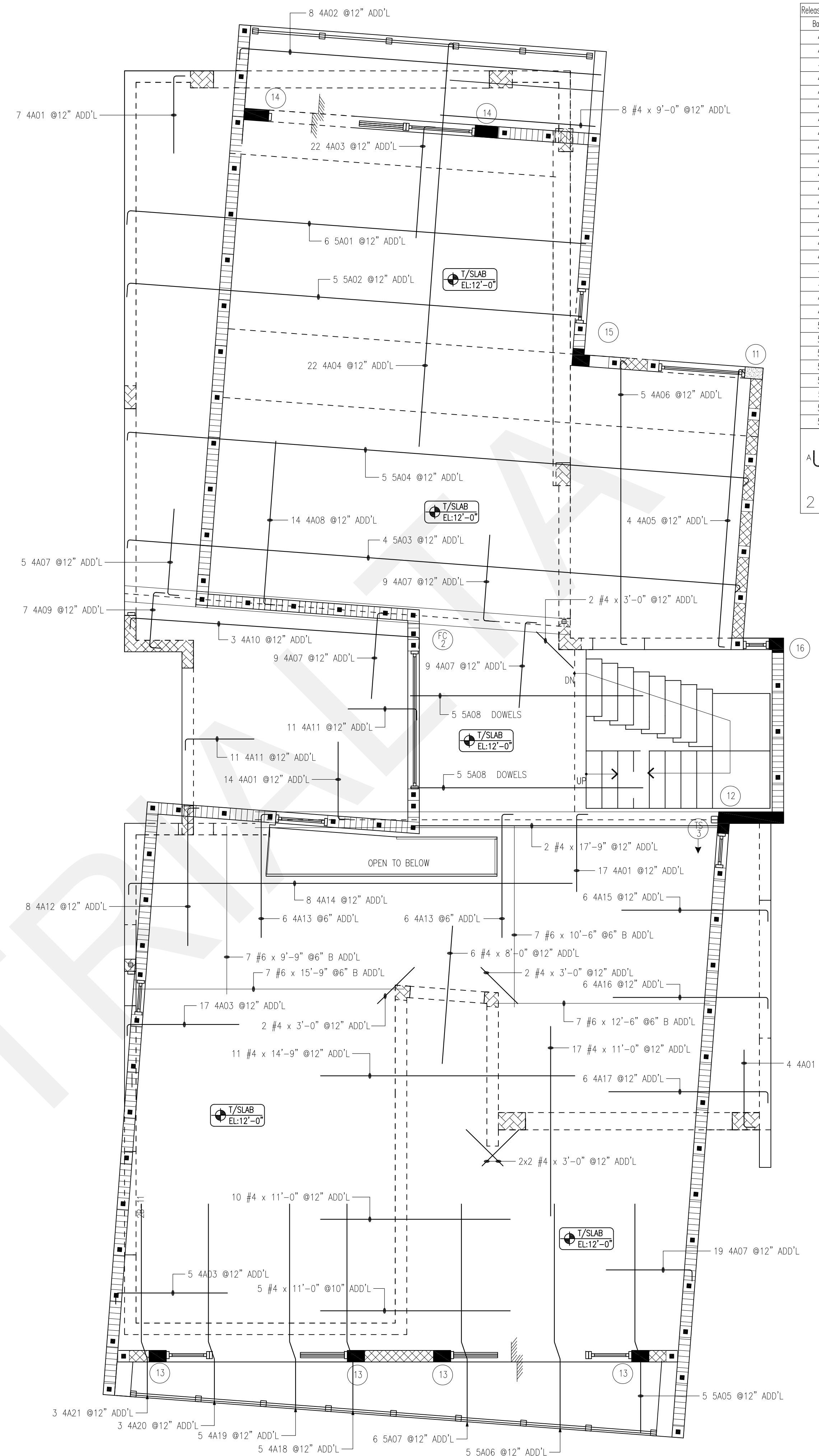


ALL MATERIAL ON THIS DRAWING
 ASTM A615
 GRADE 60 BLACK U.L.O.

APPROVAL



SECOND FLOOR SLAB BOTTOM REINFORCEMENT DETAILS
SCALE = 1/4" = 1'-0"



SECOND FLOOR SLAB ADDITIONAL REINFORCEMENT DETAILS
SCALE = 1/4" = 1'-0"

Release Number: 0

BAR LIST																		
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	W'	V'	U'	T'	S'	R'	Q'	P'	O'	N'	
4A10	3	#4	18'-2"	2	8"	16'-10"												
4A20	3	#4	11'-4 3/4"	31	8"	2'-4"	1'-3/4"	8'-0"									4 3/4"	
4A21	3	#4	11'-3/4"	31	8"	2'-0"	1'-3/4"	8'-0"									4 3/4"	
4A05	4	#4	16'-11"	19	4 3/4"	16'-2"											4 3/4"	
4A06	5	#4	17'-3"	19	4 3/4"	16'-6"											4 3/4"	
4A18	5	#4	11'-11 3/4"	31	8"	2'-11"	1'-3/4"	8'-0"									4 3/4"	11 3/4"
4A19	5	#4	11'-9 3/4"	31	8"	2'-9"	1'-3/4"	8'-0"									4 3/4"	11'-10 3/4"
4A15	6	#4	9'-2"	2	8"	8'-6"												11 3/4"
4A16	6	#4	9'-8"	2	8"	9'-0"												11'-8 3/4"
4A17	6	#4	9'-11"	2	8"	9'-3"												
4A09	7	#4	4'-7"	2	8"	3'-3"												
4A02	8	#4	21'-8"	2	8"	21'-0"												
4A12	8	#4	8'-8"	2	8"	8'-0"												
4A14	8	#4	26'-5"	2	8"	25'-9"												
4A13	12	#4	7'-10"	2	8"	7'-2"												
4A08	14	#4	10'-2"	2	8"	9'-6"												
4A04	22	#4	24'-0"	1	6"	23'-6"												4"
4A11	22	#4	4'-8"	2	8"	4'-0"												
4A01	42	#4	5'-2"	2	8"	4'-6"												
4A03	44	#4	7'-2"	2	8"	6'-6"												
4A07	51	#4	5'-8"	2	8"	5'-0"												
5A03	4	#5	36'-7 3/4"	19	5 3/4"	35'-8"											6"	
5A02	5	#5	27'-3"	2	10"	26'-5"												
5A04	5	#5	37'-1 3/4"	19	5 3/4"	36'-2"											6"	
5A05	5	#5	13'-4"	31	8"	4'-3"	1'-1"	8'-0"									4 3/4"	1'-0"
5A06	5	#5	12'-11 3/4"	31	8"	3'-11"	1'-3/4"	8'-0"									4 3/4"	11 3/4"
5A07	6	#5	27'-6"	2	10"	26'-8"												12'-10 3/4"
5A01	6	#5	27'-6"	2	10"	26'-8"												
5A07	6	#5	12'-7 3/4"	31	8"	3'-7"	1'-3/4"	8'-0"									4 3/4"	11 3/4"
5A08	10	#5	14'-11 3/4"	4	10"	10'-4 3/4"	3'-9"										2'-1 3/4"	3'-1 3/4"
																		13'-5 3/4"

ASTM 615 - GR 60 - BLK

APPROVAL

CALL-OUT KEY PLAN

QTY PER LOCATION

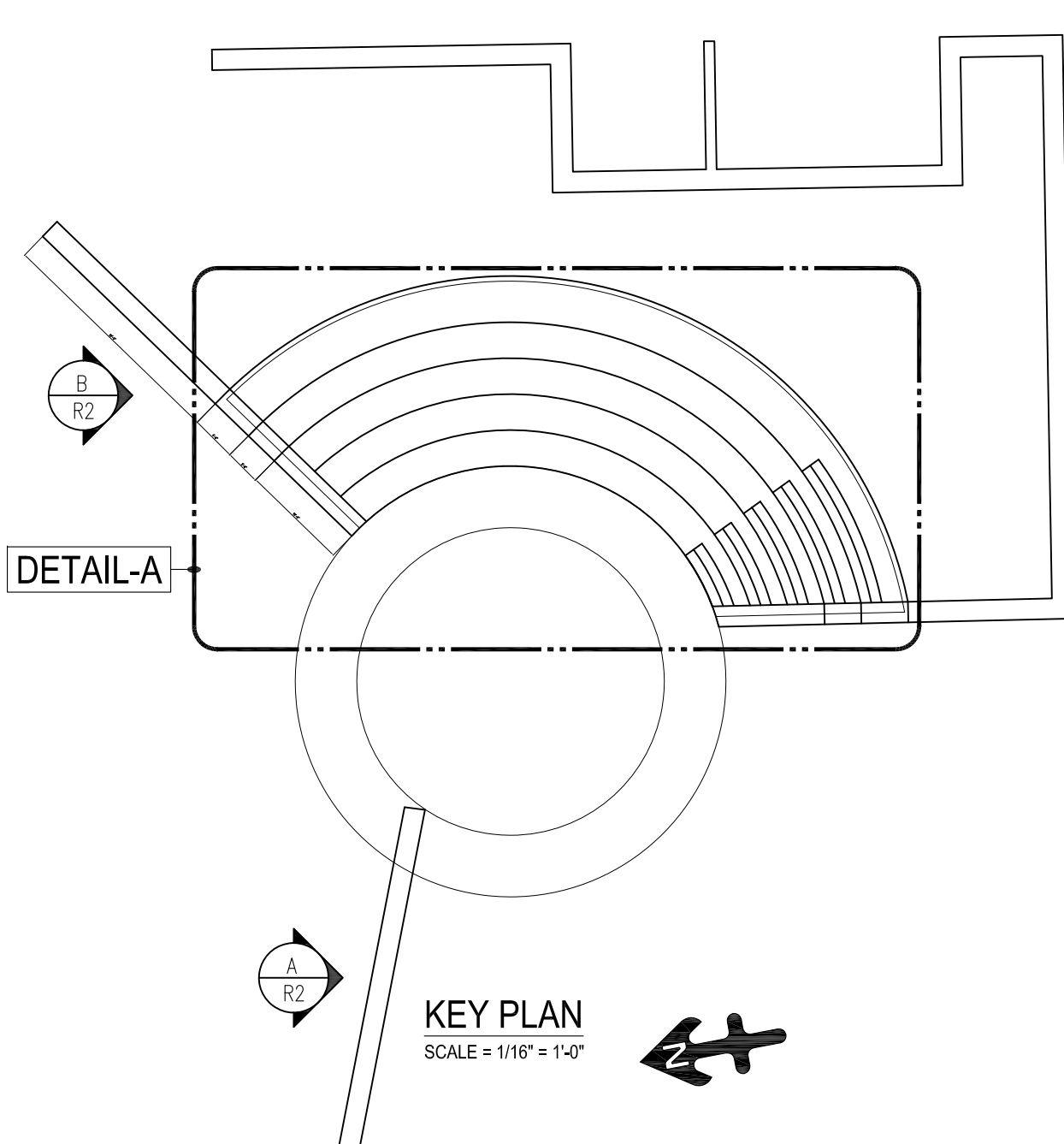
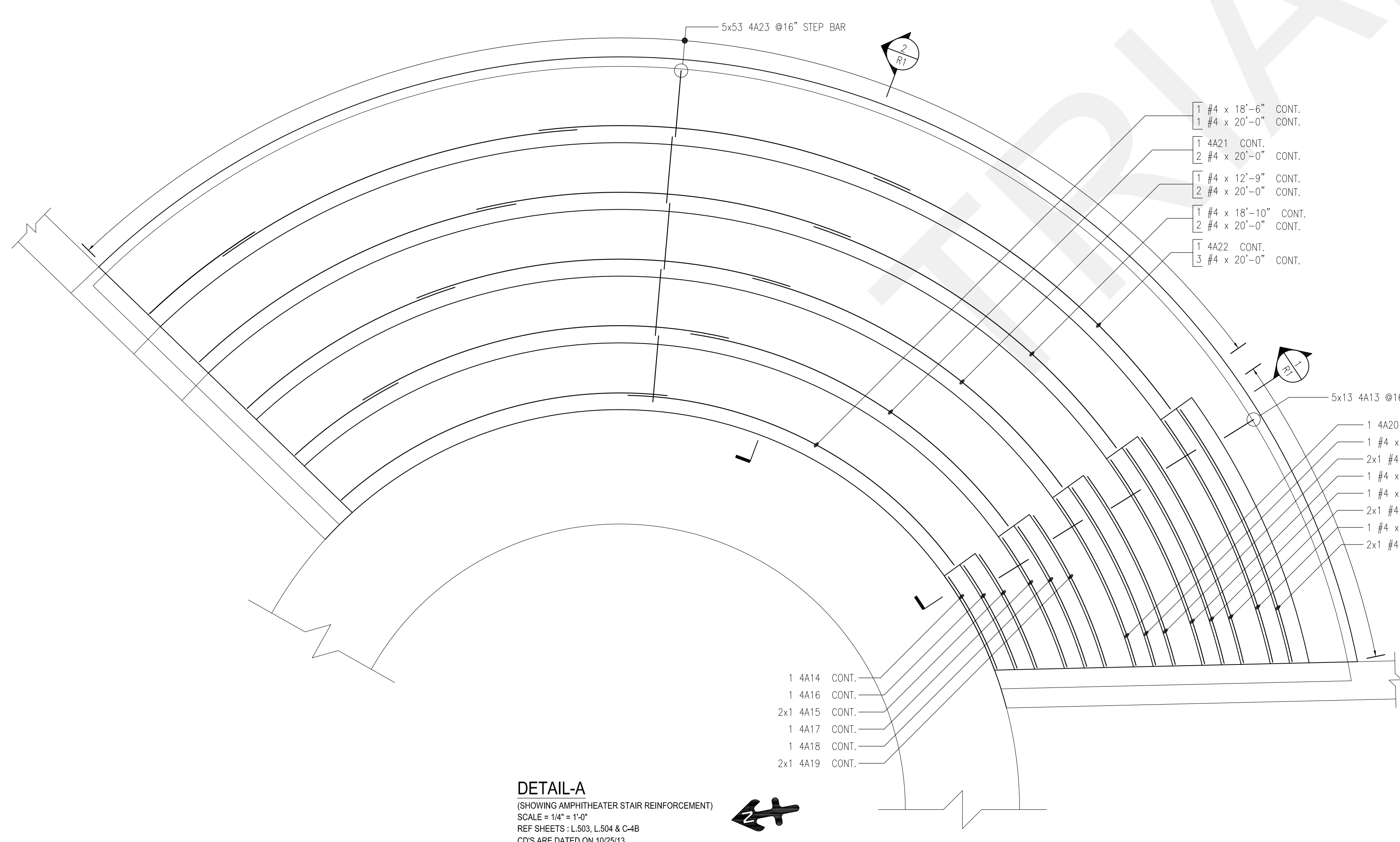
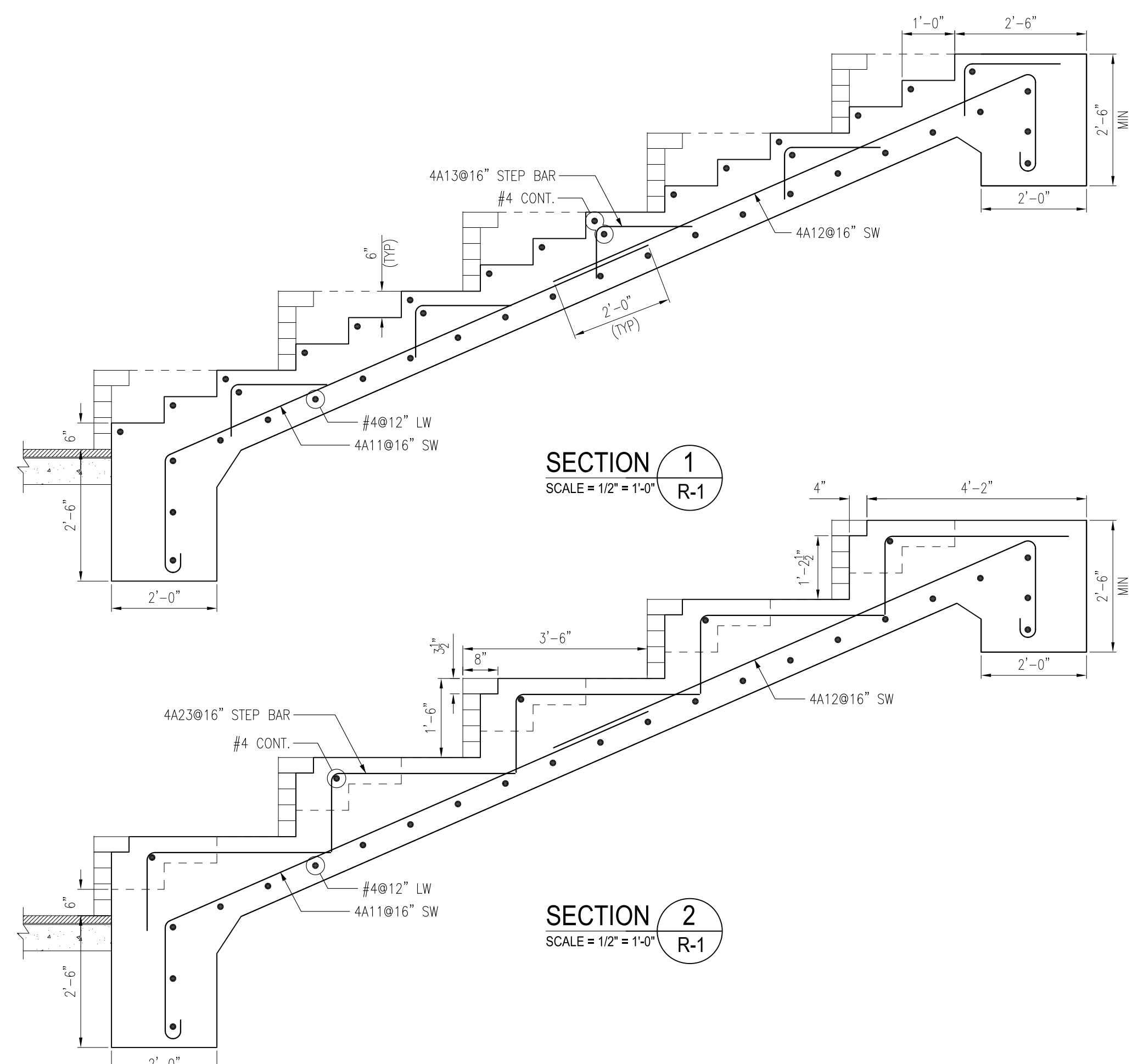
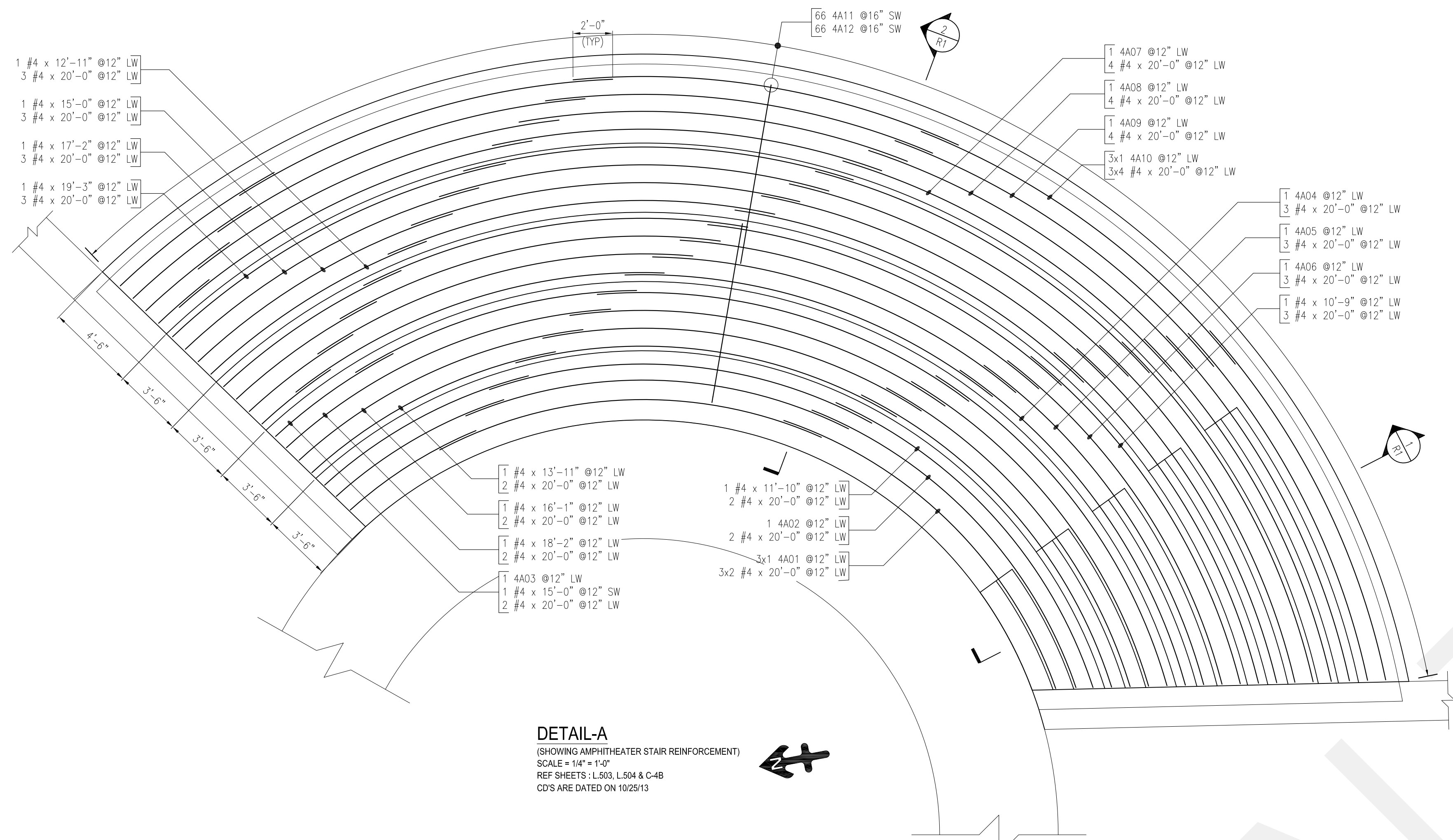
BAR LENGTH (or) MARK no.

PLACING REMARK

BAR SIZE

LOCATIONS REQUIRED

CONT: 2x1#5 20-00 (STOCK)



FOR BAR BENDING SCHEDULE
REFER TO DWG # R-2.

NOTES:-
 1. TYPICAL CLEARANCES
 A) For Stair 1" Cover At Sides Typ.
 B) For Wall 1 1/2" Cover For All Sides Typ.
 C) For Footing 3" Cover For All Sides Typ.
 2. A/E/C PLEASE VERIFY THE ALL CLOUDED ITEMS
 3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

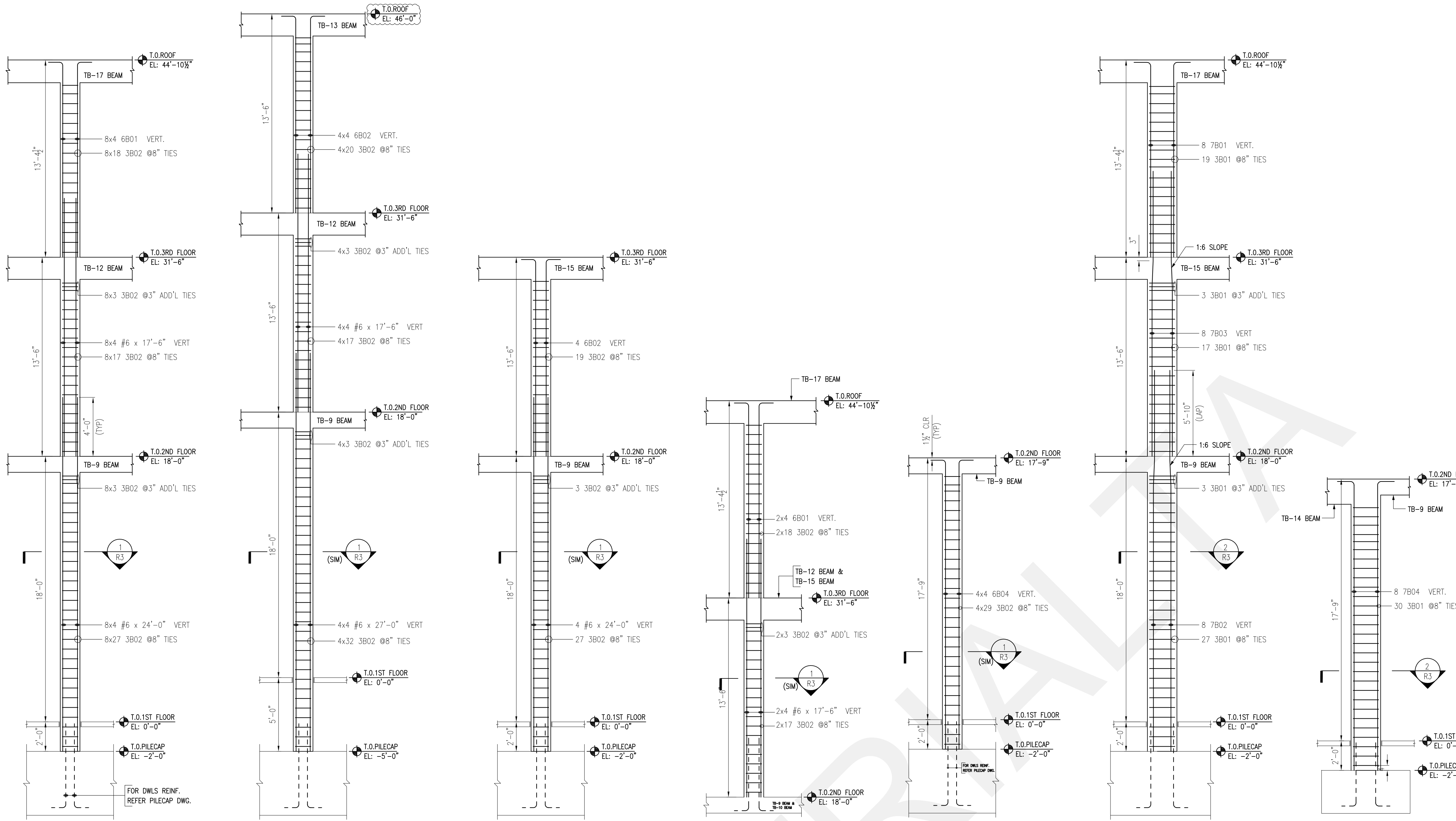
Lap Table
48 Bar Dia
#3 18"
#4 24"
#5 30"
#6 36"
#7 42"
#8 48"
#9 55"
#10 61"
#11 68"

ASTM 615 - GR 60 - BLK

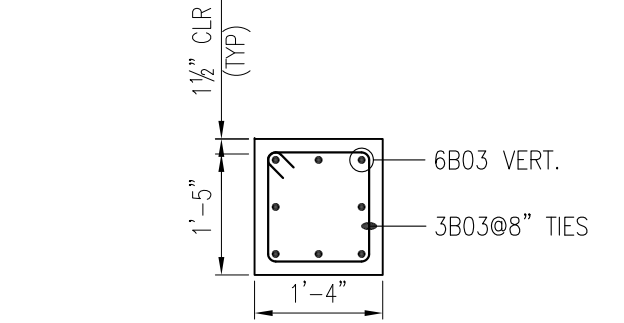
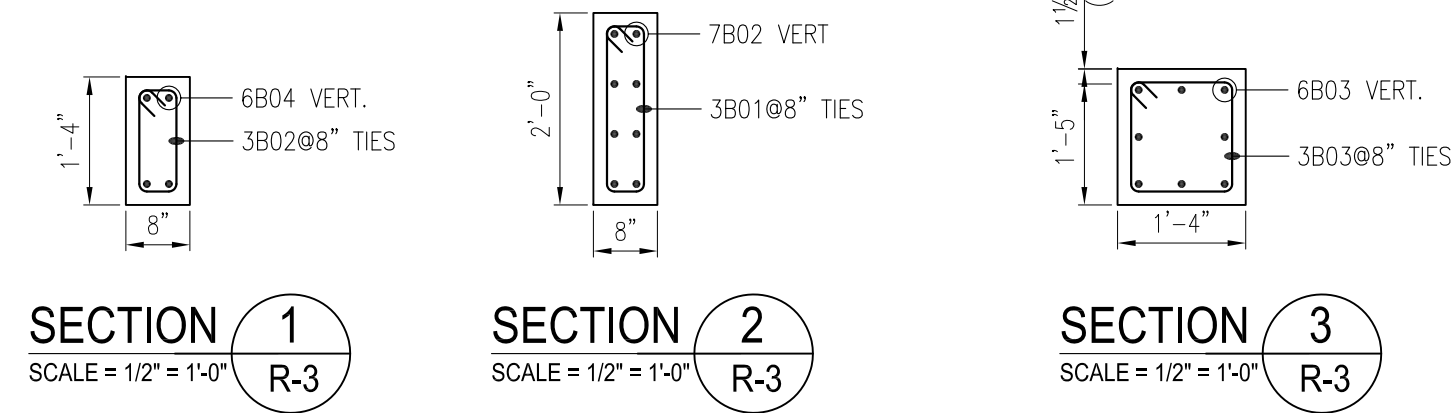
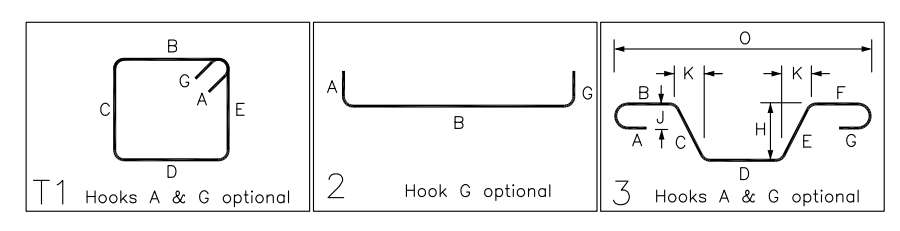
APPROVAL

CALL-OUT KEY PLAN

LABEL	QTY PER LOCATION	BAR LENGTH (or) MARK no.
LOCATIONS REQUIRED	CONT: 2x1#5 20-00 (STOCK)	PLACING REMARK
		BAR SIZE



Bar Mark	Qty	Size	Total Length	Type	'X'	'Y'	'Z'	'W'	'V'	'U'	'T'	'S'	'R'	'Q'	'P'
3B01	99	#3	5'-0"	T1	4"	5"	1'-9"	5"	1'-9"		4"				
3B02	1085	#3	3'-8"	T1	4"	5"	1'-1"	5"	1'-1"		4"				
3B03	56	#3	5'-2"	T1	4"	1'-1"	1'-2"	1'-1"	1'-2"		4"				
6B01	40	#6	14'-3"	2	1'-0"	13'-3"									
6B02	20	#6	14'-4 1/2"	2	1'-0"	13'-4 1/2"									
6B03	16	#6	18'-5"	2	1'-0"	17'-5"									
6B04	16	#6	20'-7 1/2"	2	1'-0"	19'-7 1/2"									
7B01	8	#7	14'-5"	2	1'-2"	13'-3"									
7B02	8	#7	25'-10"	3		6'-1"	1'-9"	18'-0"				1 1/2"	1'-9"	25'-10"	
7B03	8	#7	19'-4"	3		6'-1"	1'-9"	11'-6"				1 1/2"	1'-9"	19'-4"	
7B04	8	#7	20'-9 1/2"	2	1'-2"	19'-7 1/2"									



COLUMN - TC1 A
(TYPICAL @8 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC1 B
(TYPICAL @4 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC1 C
(TYPICAL @4 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC1 D
(TYPICAL @2 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC1 E
(TYPICAL @4 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

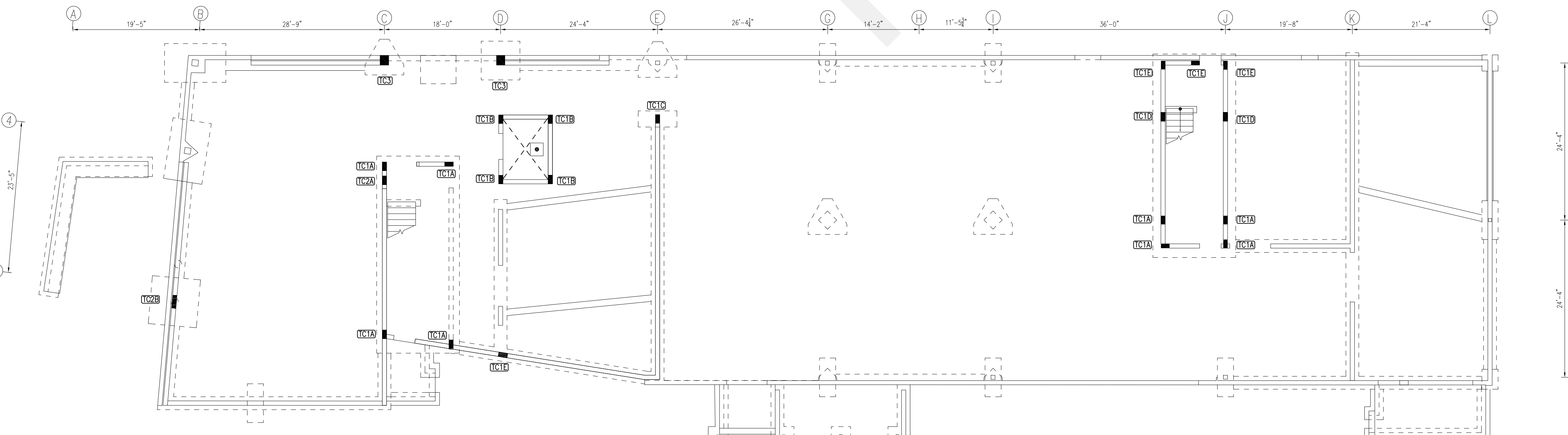
COLUMN - TC2 A
(TYPICAL @2 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC2 B
(TYPICAL @2 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

COLUMN - TC3
(TYPICAL @2 LOCATIONS)
SCALE = 1/4" = 1'-0"
REF SHEETS : S1.10 thru S5.14
REF SHEETS : A0.1 thru A8.7
CD'S ARE DATED ON 02/12/16

Size	Top bars	Other bars
#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"

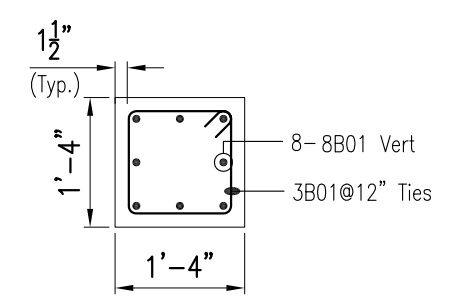
- NOTES:-**
- TYPICAL CLEARANCES
 - For Column 1 1/2" Cover For All Sides Typ.
 - PLEASE VERIFY THE ALL CLOTTED ITEMS**
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEED



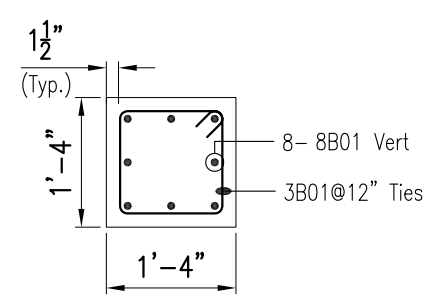
AREA KEYPLAN
SCALE = NTS

ASTM 615 - GR 60 - BLK
APPROVAL

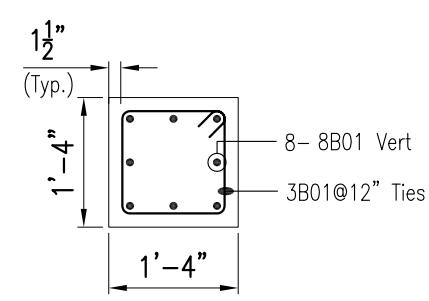
CALL-OUT KEY PLAN
LABEL: QTY PER LOCATION, BAR LENGTH (or) MARK no., CONT: 2x1#5 20-00 (STOCK), PLACING REMARK, BAR SIZE, LOCATIONS REQUIRED



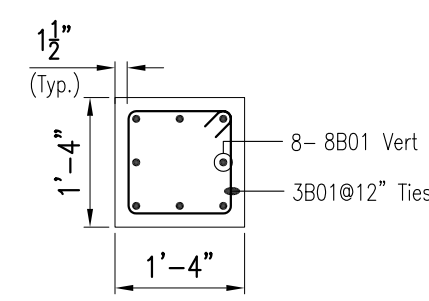
SECTION A-A



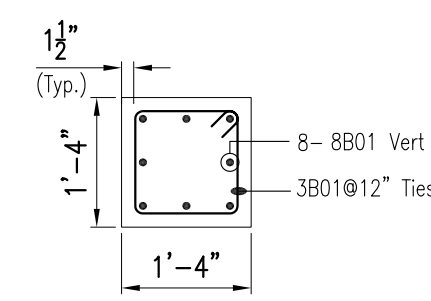
SECTION B-B



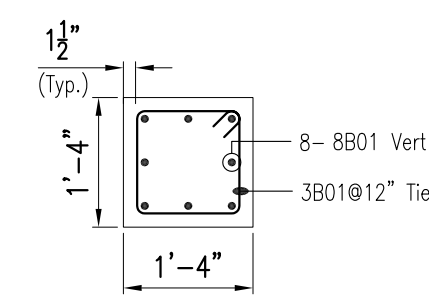
SECTION C-C



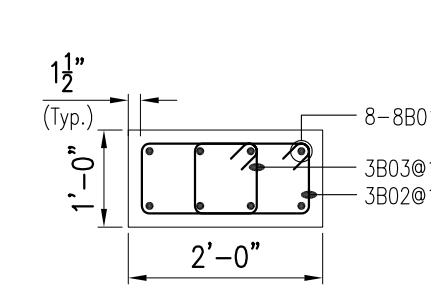
SECTION D-D



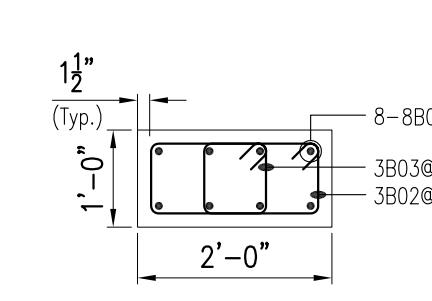
SECTION E-E



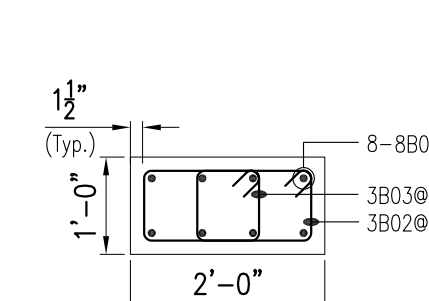
SECTION F-F



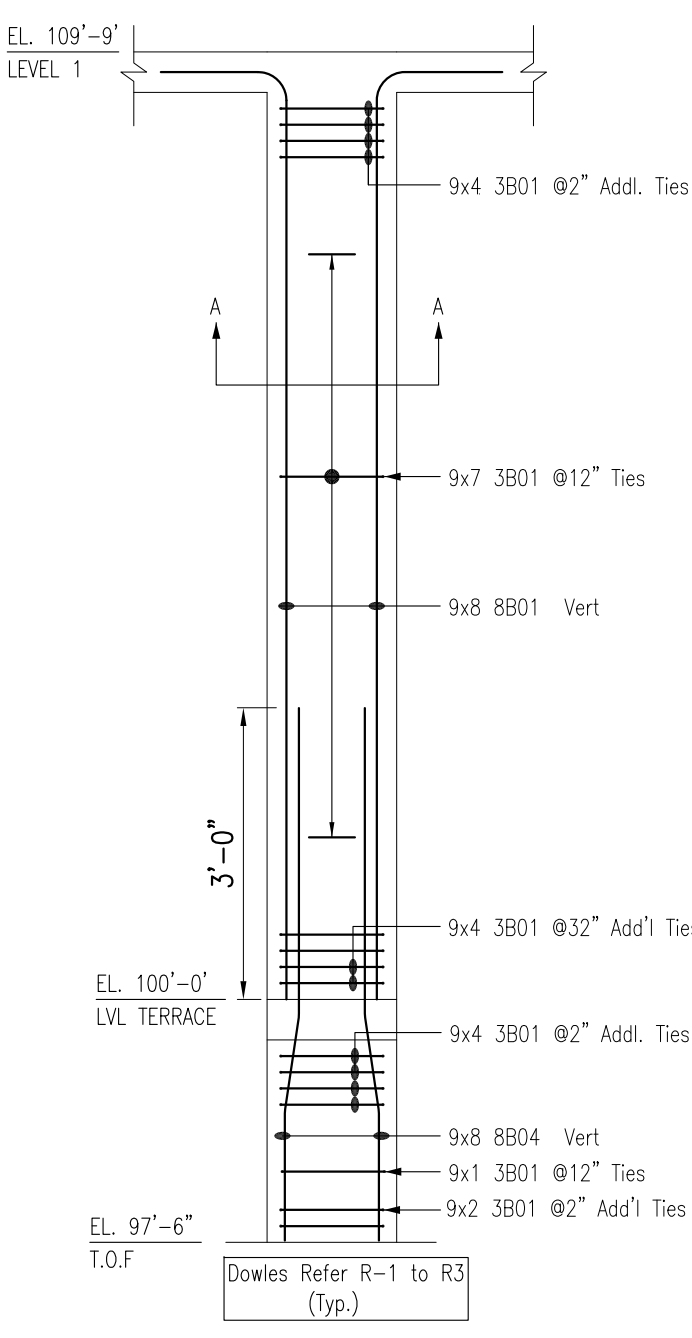
SECTION G-G



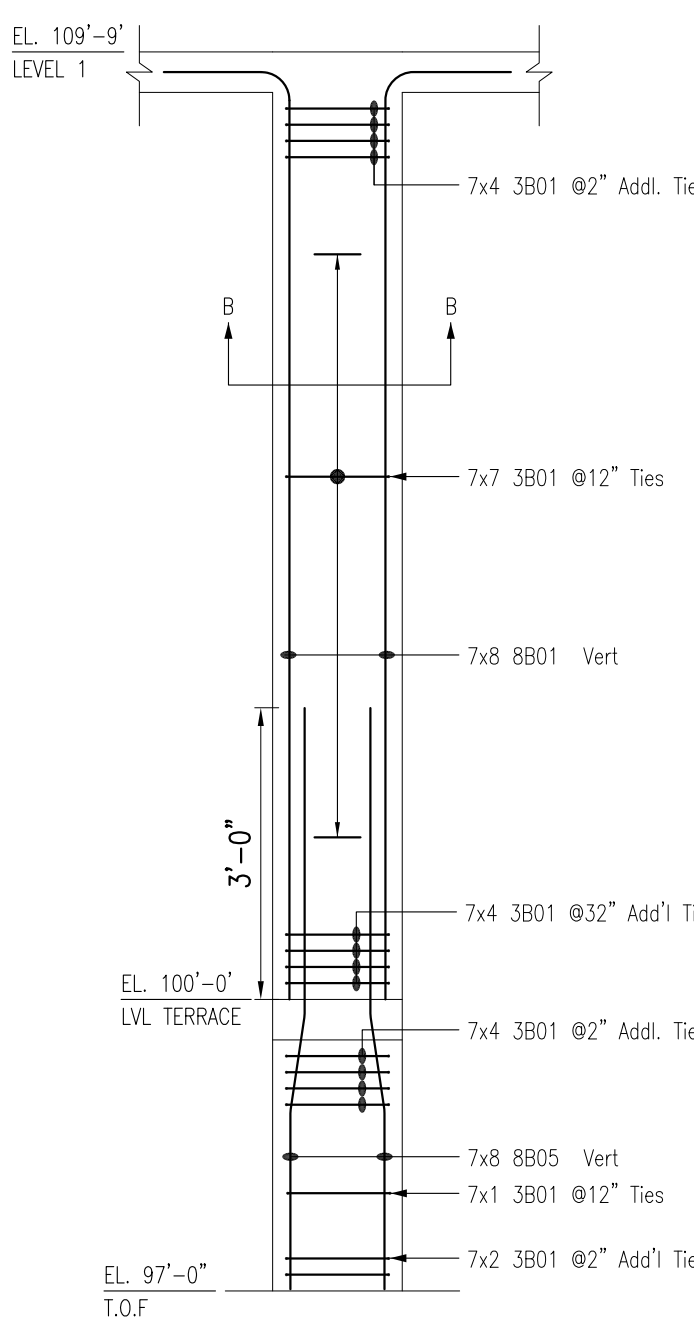
SECTION H-H



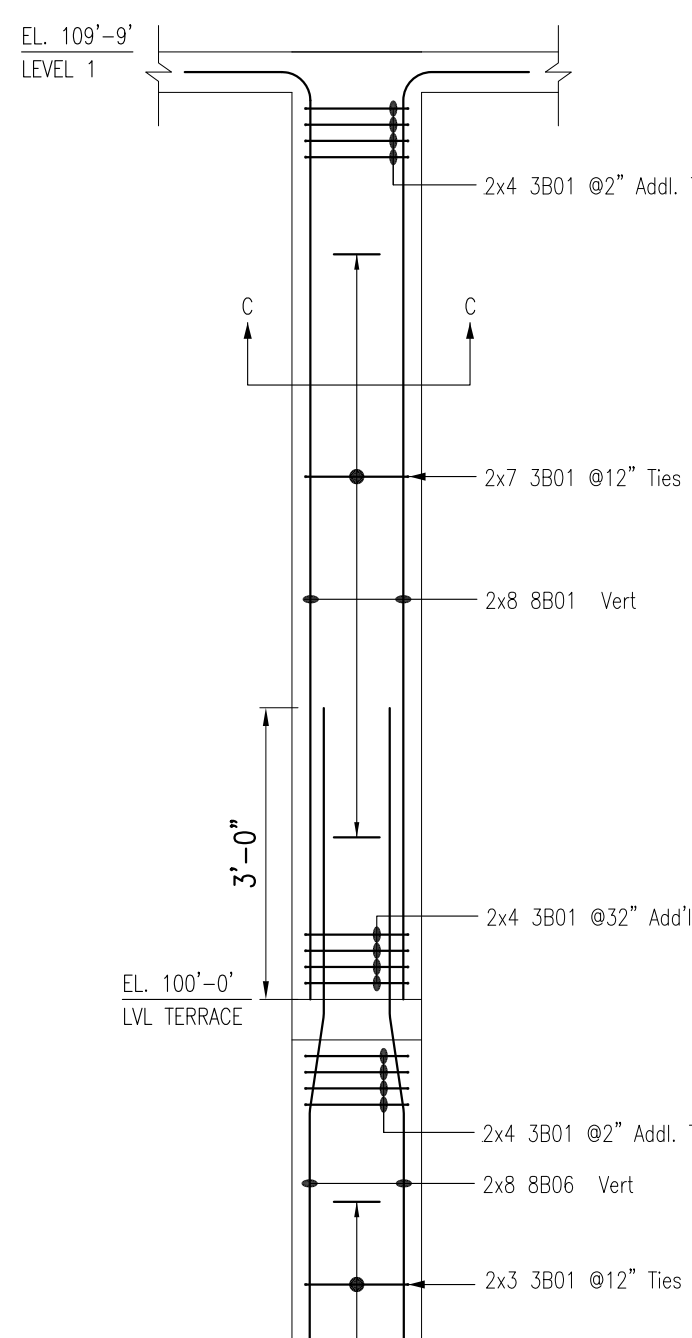
SECTION J-J



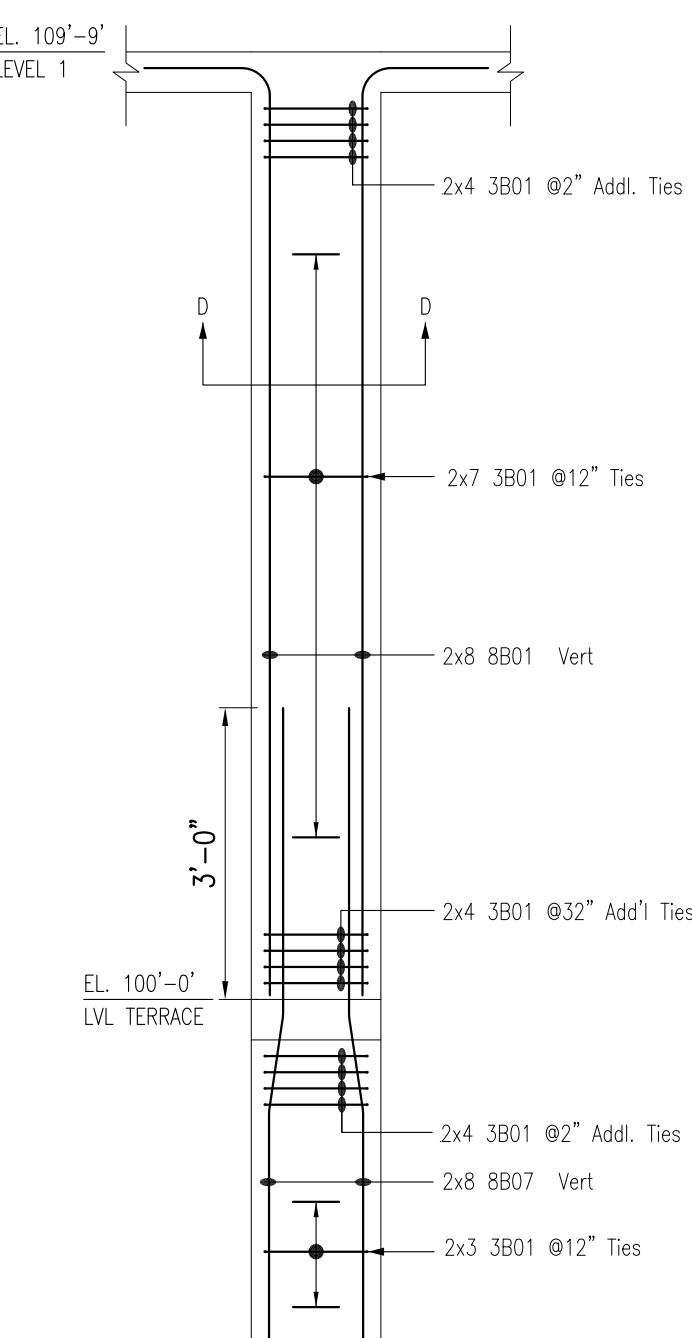
COLUMN C-1A
AT 9 LOCATIONS



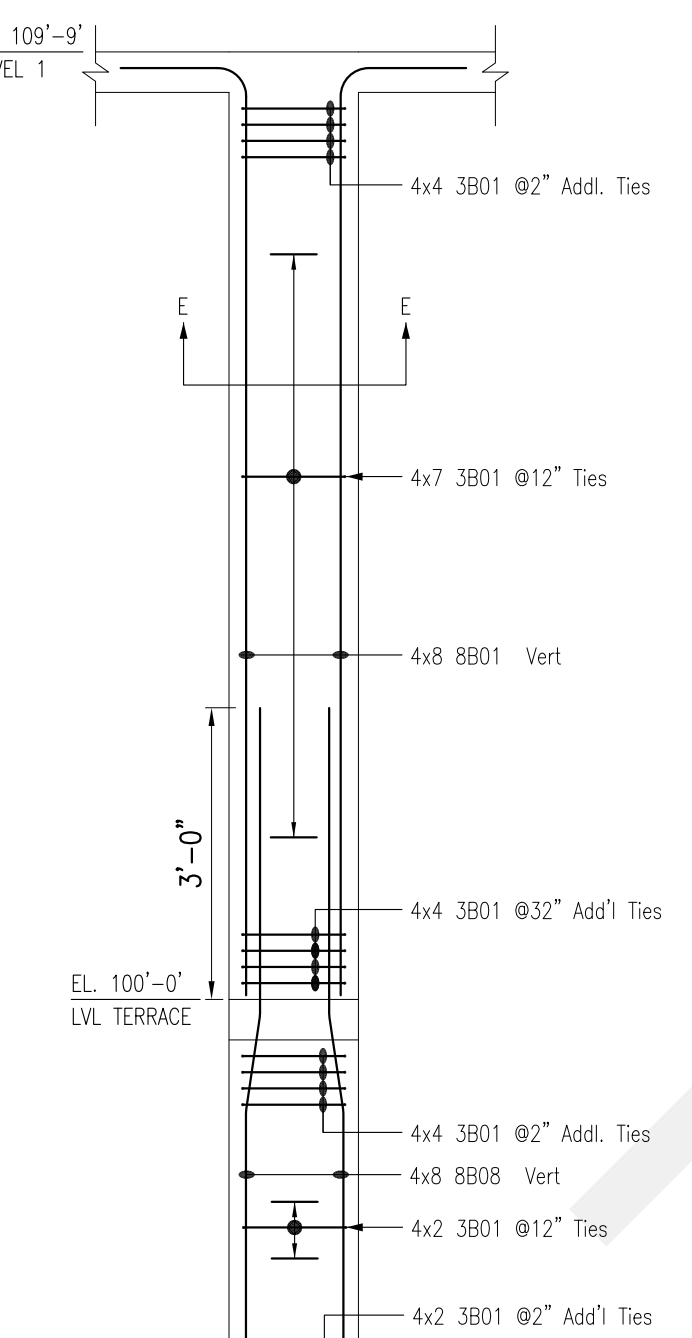
COLUMN C-1B
AT 7 LOCATIONS



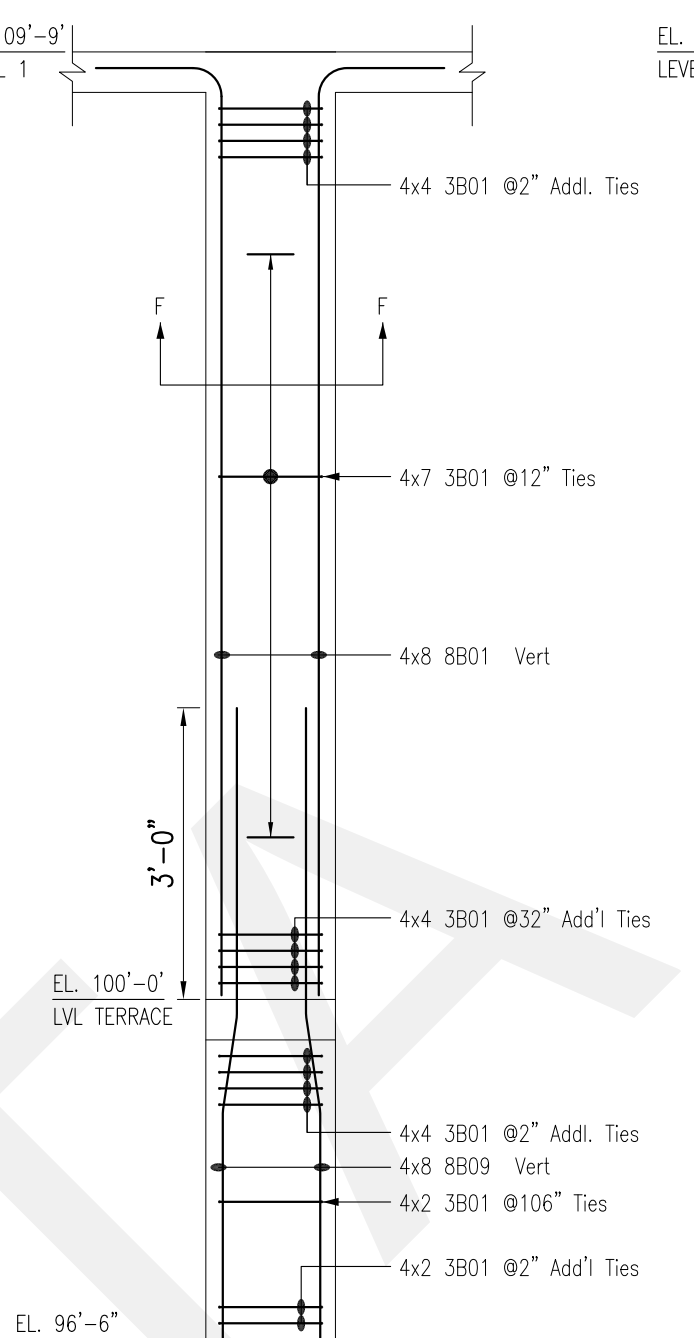
COLUMN C-1C
AT 2 LOCATIONS



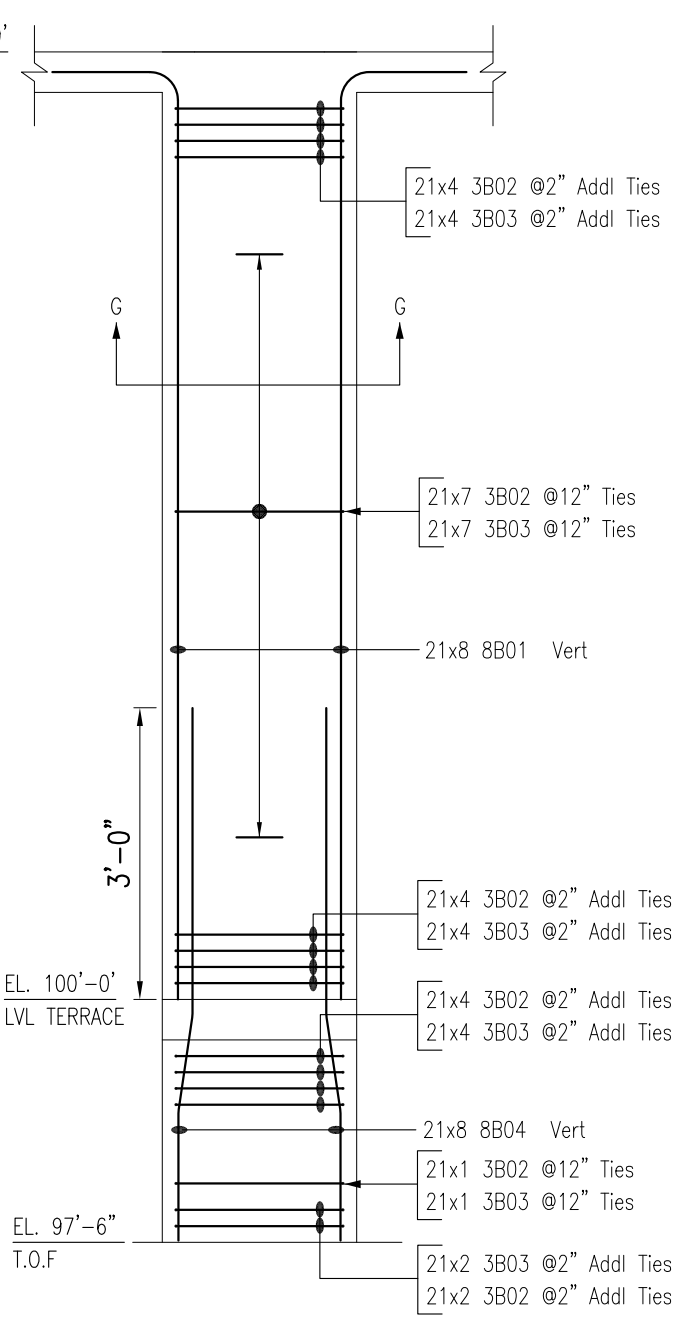
COLUMN C-1D
AT 2 LOCATIONS



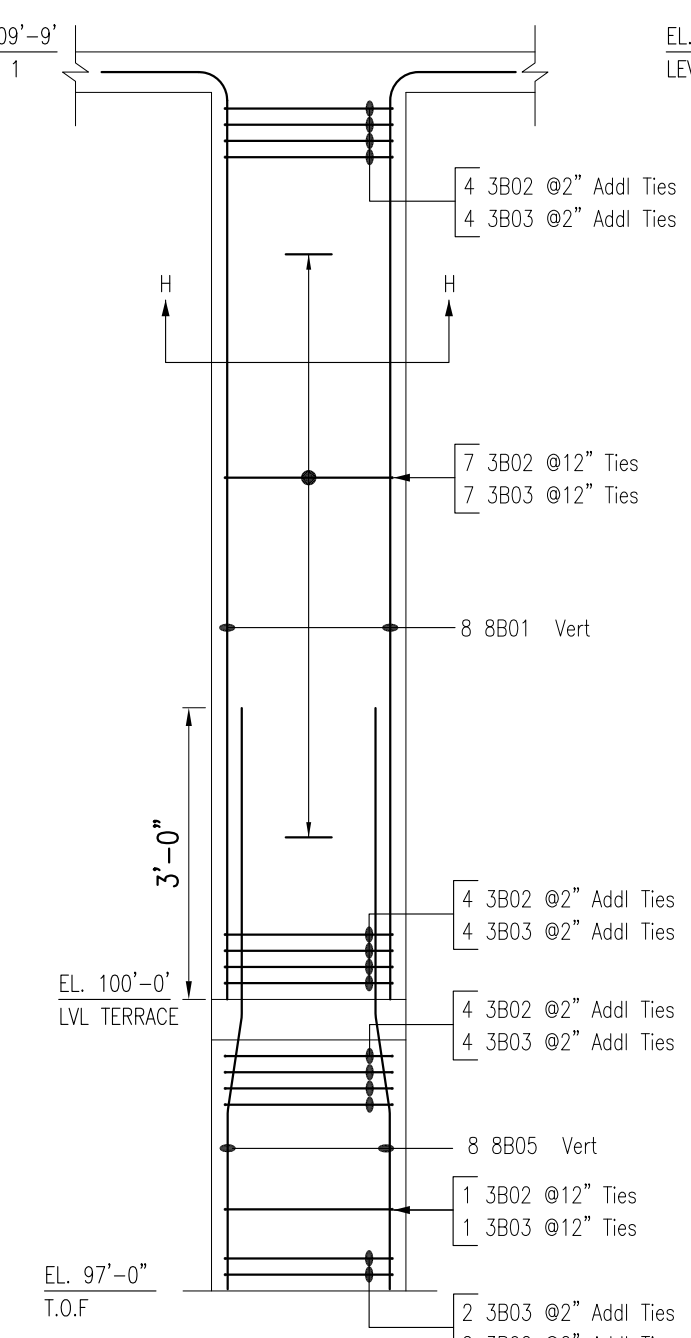
COLUMN C-1E
AT 4 LOCATIONS



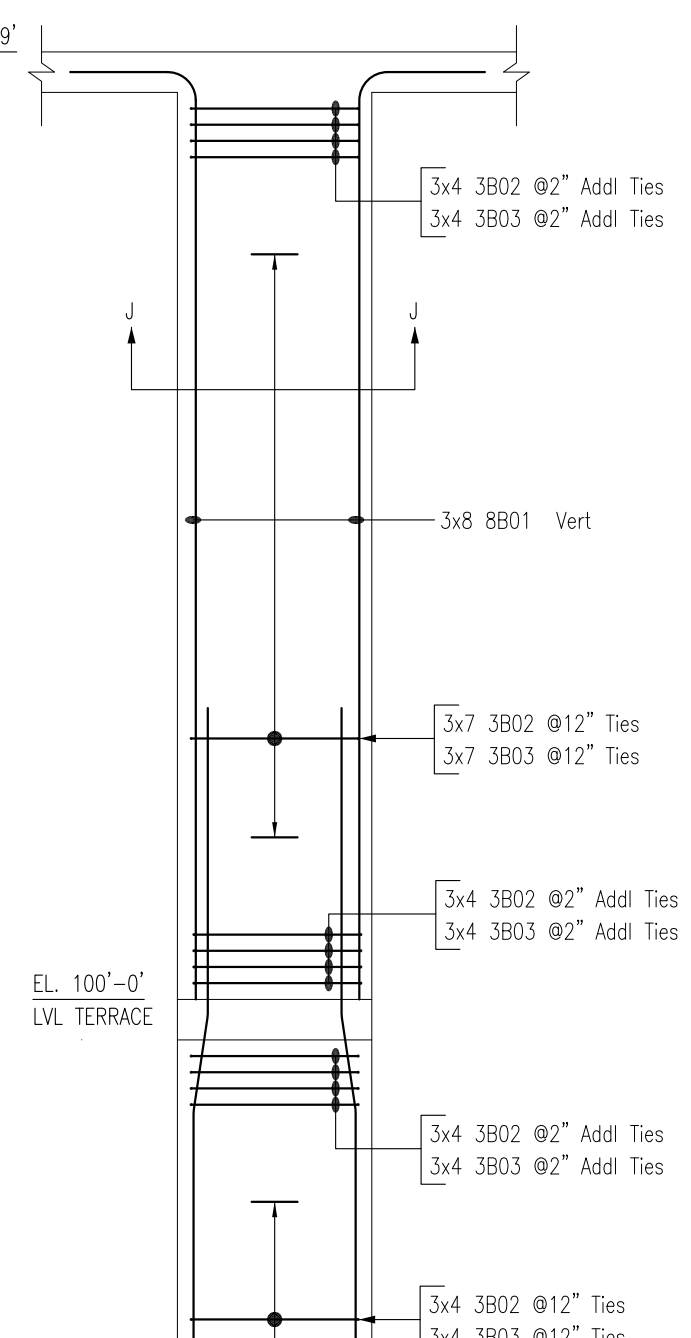
COLUMN C-1F
AT 4 LOCATIONS



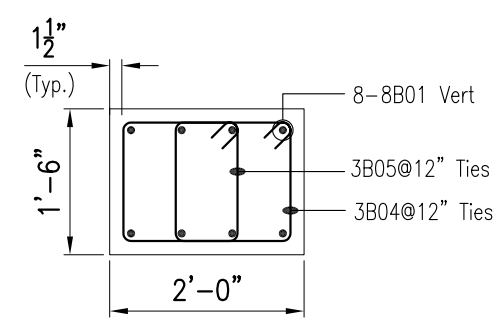
COLUMN C-2A
AT 1 LOCATIONS



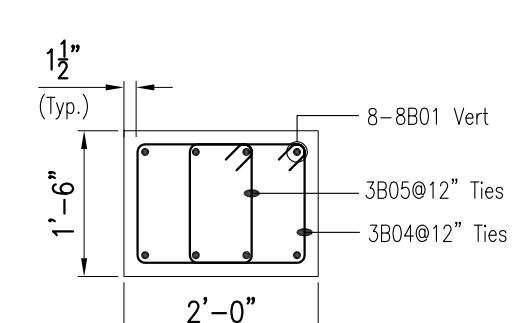
COLUMN C-2B



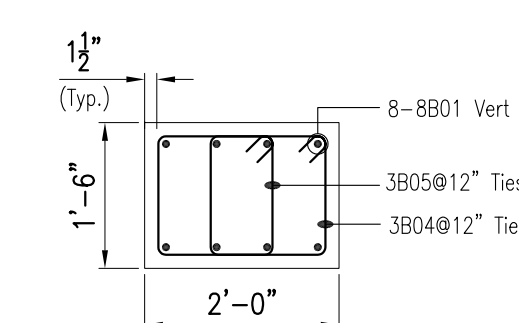
COLUMN C-2C
AT 3 LOCATIONS



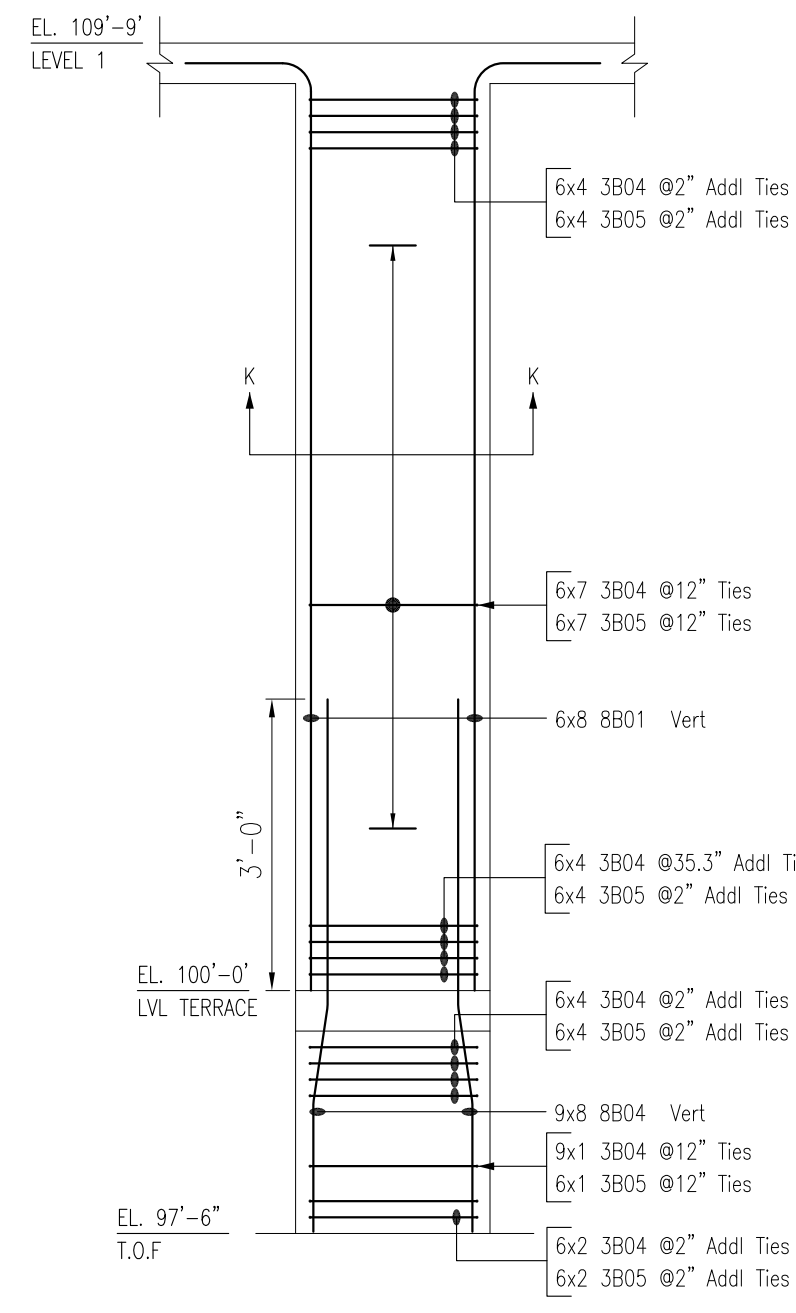
SECTION K-K



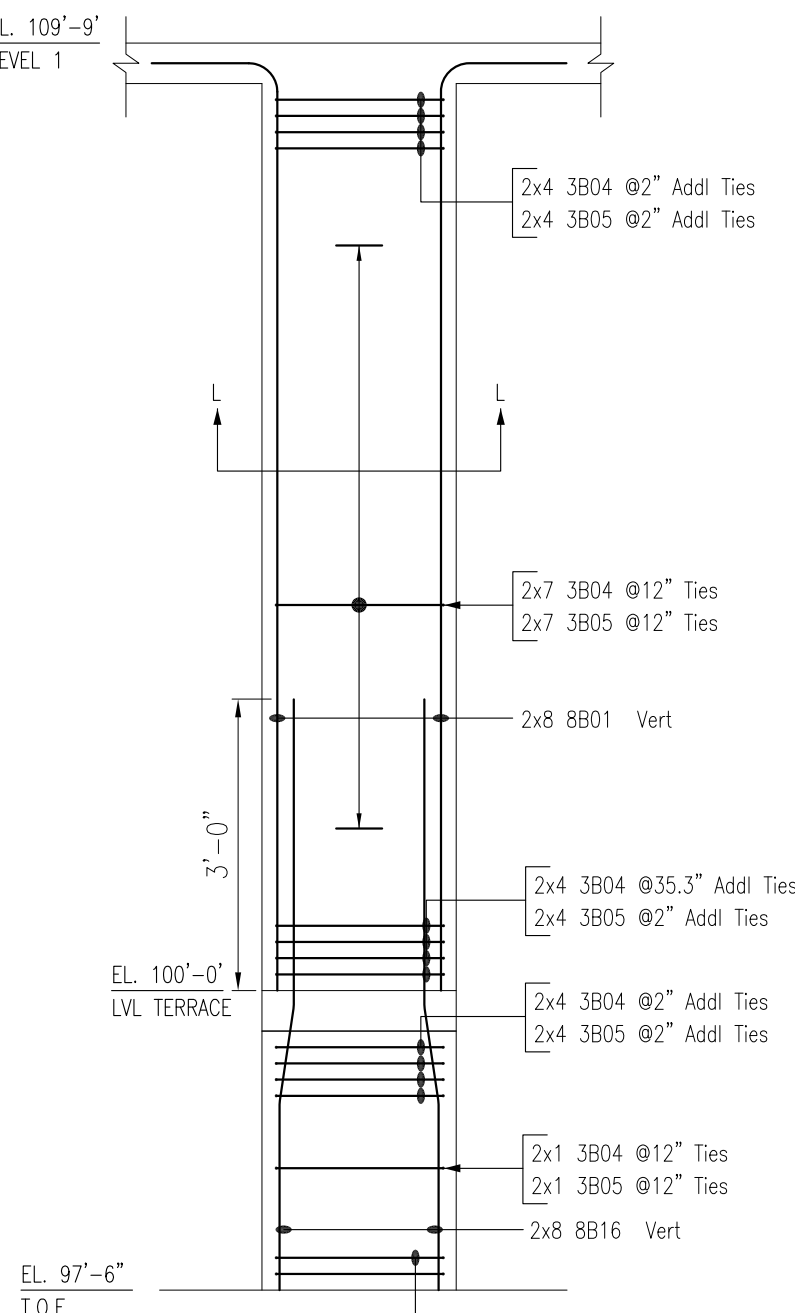
SECTION L-L



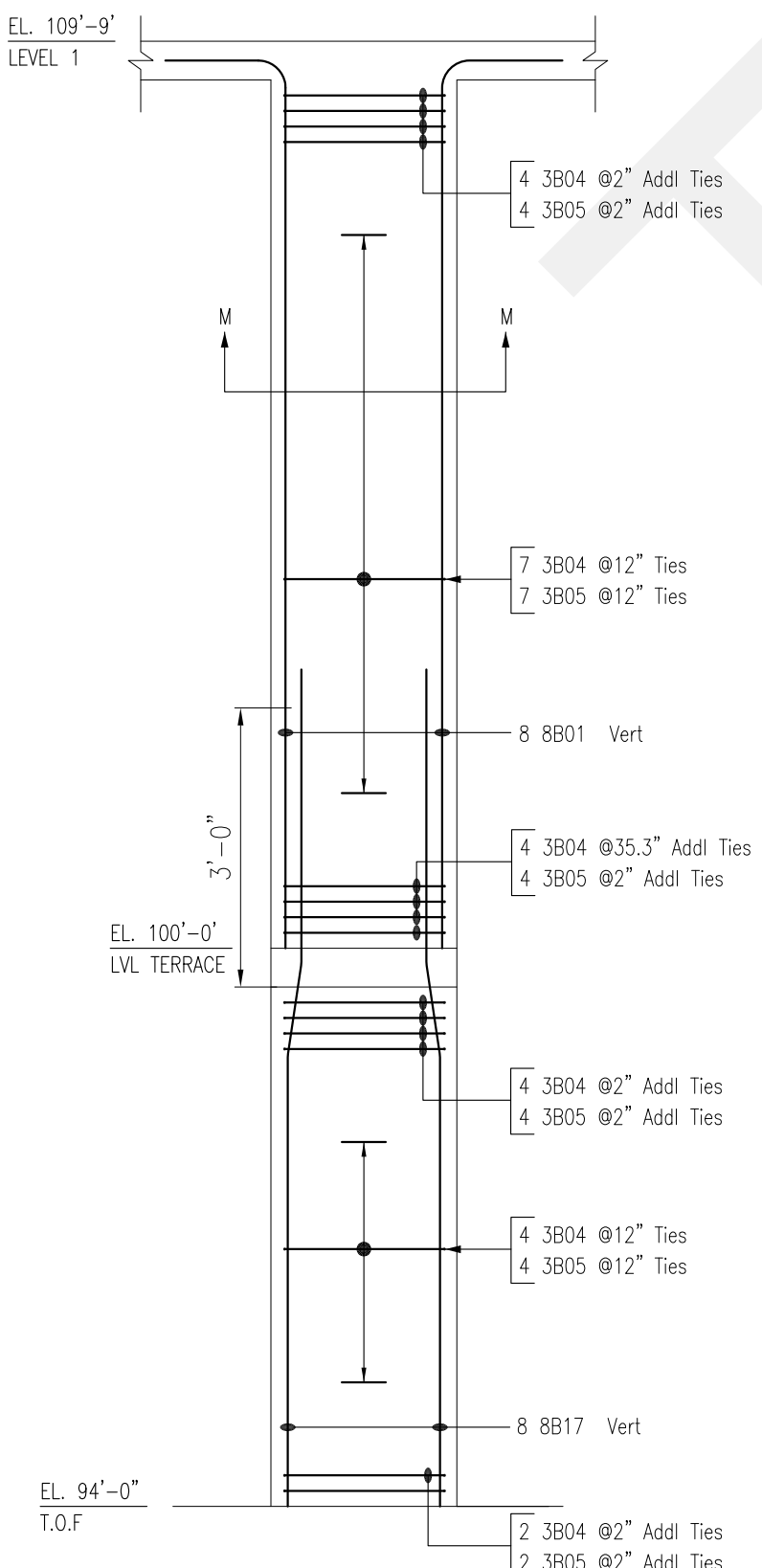
SECTION M-M



COLUMN C-3A
AT 6 LOCATIONS



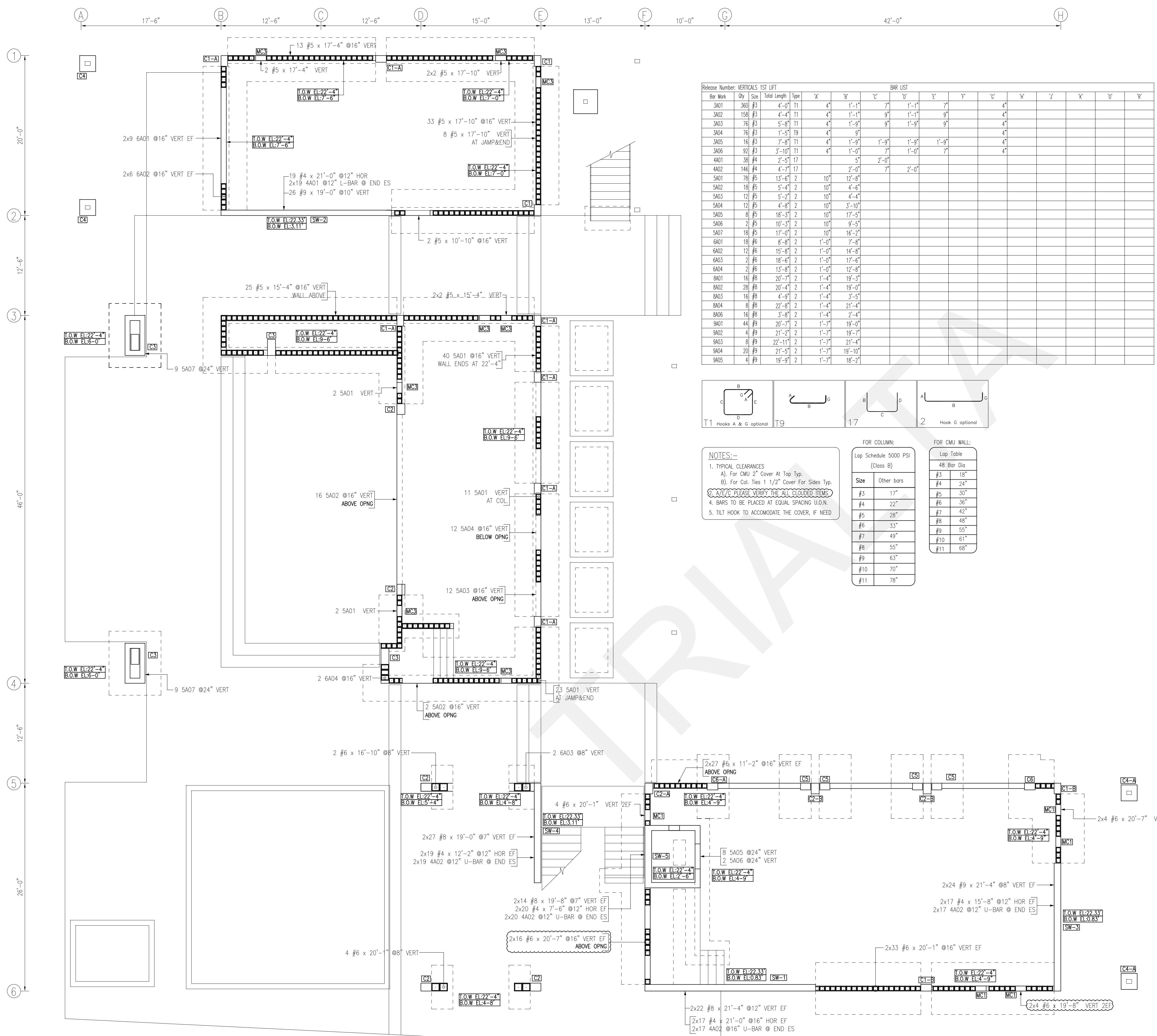
COLUMN C-3B
AT 2 LOCATIONS



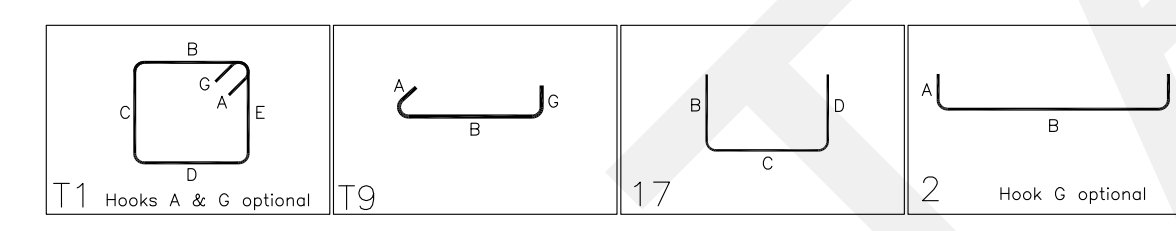
COLUMN C-3C

CALL-OUT KEY PLAN

ASTM 615 - GR 60 - BLK	QTY PER LOCATION
APPROVAL	BAR LENGTH (or) MARK no.
	CONT: 2x1#5 20-00 (STOCK)
LOCATIONS REQUIRED	PLACING REMARK
	BAR SIZE



Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X'	Y'	Z'	X'	Y'	Z'	X'	Y'	Z'
3401	360	#3	4'-0"	T1	4"	1'-1"	7"	1'-1"	7"	4"						
3402	158	#3	4'-4"	T1	4"	1'-1"	9"	1'-1"	9"	4"						
3403	76	#3	5'-8"	T1	4"	1'-9"	9"	1'-9"	9"	4"						
3404	76	#3	1'-5"	T9	4"	9"				4"						
3405	16	#3	7'-8"	T1	4"	1'-9"	1'-9"	1'-9"	1'-9"	4"						
3406	92	#3	3'-10"	T1	4"	1'-0"	7"	1'-0"	7"	4"						
4401	38	#4	2'-5"	T7		5"	2'-0"									
4402	146	#4	4'-7"	T7		4"	2'-0"									
5401	78	#5	13'-6"	T2	10"	12'-8"										
5402	18	#5	5'-4"	T2	10"	4'-6"										
5403	12	#5	5'-2"	T2	10"	4'-4"										
5404	12	#5	4'-8"	T2	10"	3'-10"										
5405	8	#5	18'-3"	T2	10"	17'-5"										
5406	2	#5	10'-5"	T2	10"	9'-5"										
5407	18	#5	17'-0"	T2	10"	16'-2"										
6401	18	#6	8'-8"	T2	1'-0"	7'-8"										
6402	12	#6	15'-8"	T2	1'-0"	14'-8"										
6403	2	#6	18'-6"	T2	1'-0"	17'-6"										
6404	2	#6	13'-8"	T2	1'-0"	12'-8"										
6401	16	#8	20'-7"	T2	1'-4"	19'-3"										
6402	28	#8	20'-4"	T2	1'-4"	19'-0"										
6403	16	#8	4'-9"	T2	1'-4"	3'-5"										
6404	8	#8	22'-8"	T2	1'-4"	21'-4"										
6406	16	#8	3'-8"	T2	1'-4"	2'-4"										
9401	44	#9	20'-7"	T2	1'-7"	19'-0"										
9402	4	#9	21'-2"	T2	1'-7"	19'-7"										
9403	8	#9	22'-11"	T2	1'-7"	21'-4"										
9404	20	#9	21'-5"	T2	1'-7"	19'-10"										
9405	4	#9	19'-9"	T2	1'-7"	18'-2"										

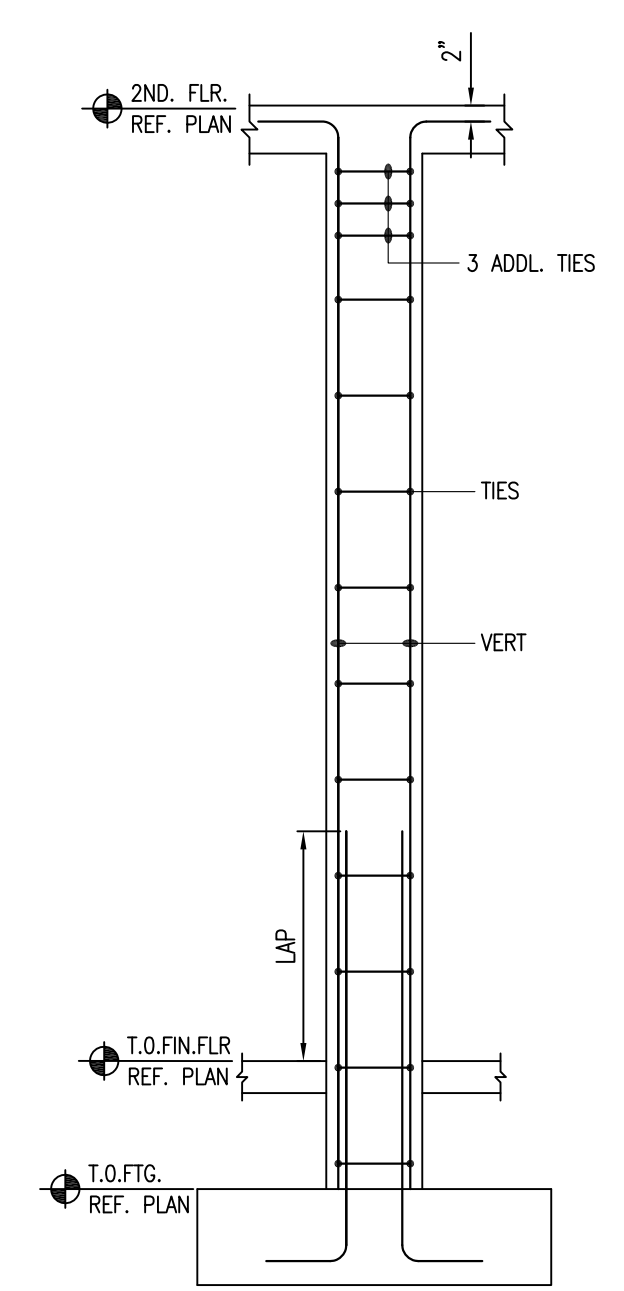


NOTES:-

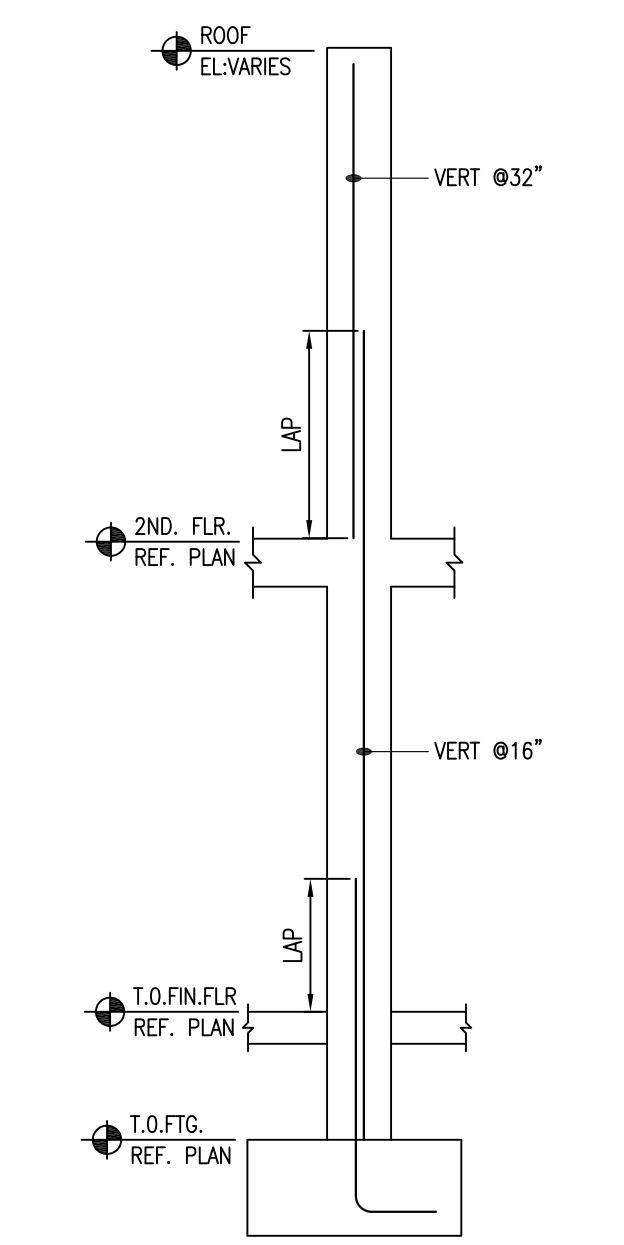
- TYPICAL CLEARANCES
- FOR CMU 2" COVER AT TOP TYP.
- FOR COL. TIES 1 1/2" COVER FOR SIDES TYP.
- ALL BARS TO BE PLACED AT EQUAL SPACING U.O.U.N.
- TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED.

Size	Other bars
#3	17"
#4	22"
#5	28"
#6	33"
#7	49"
#8	55"
#9	63"
#10	70"
#11	78"

Size	Other bars
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"

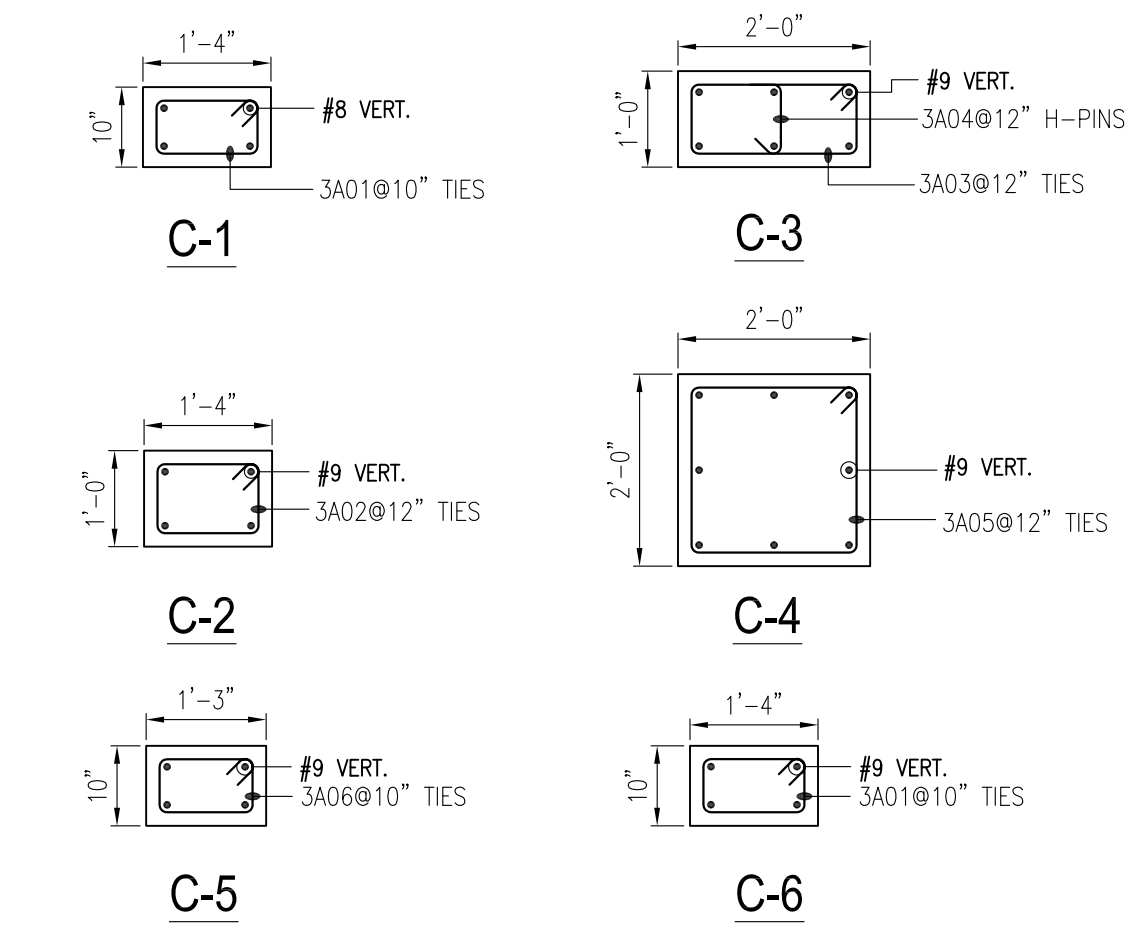


TYPICAL COLUMN DETAIL
SCALE = 1/2" = 1'-0"



TYPICAL CMU DETAIL
SCALE = 1/2" = 1'-0"

PLAN LOCATION: COLUMNS						
LABEL	QTY	PL	SIZE	LENGTH	BAR MARK	PLACING NOTES
C1	2	CROSS REF.: C1	4x4 8A01 VERT 4x24 3A01 @10" TIES			STARTS@+2.84' END@+22.33' TIES @10" O.C.
C1-A	7	CROSS REF.: C1-A	7x4 8A02 VERT 7x24 3A01 @10" TIES			STARTS@+3.11' END@+22.33' TIES @10" O.C.
C1-B	2	CROSS REF.: C1-B	2x4 8A04 VERT 2x25 3A01 @10" TIES			STARTS@+0.83' END@+22.33' TIES @10" O.C.
C2	5	CROSS REF.: C2	5x4 9A01 VERT 5x19 3A02 @12" TIES			STARTS@+3.11' END@+22.33' TIES @12" O.C.
C2-A	1	CROSS REF.: C2-A	4 9A02 VERT 19 3A02 @12" TIES			STARTS@+2.5' END@+22.33' TIES @12" O.C.
C2-B	2	CROSS REF.: C2-B	2x4 9A03 VERT 2x22 3A02 @12" TIES			STARTS@+0.83' END@+22.33' TIES @12" O.C.
C3	4	CROSS REF.: C3	4x6 9A01 VERT 4x19 3A03 @12" TIES 4x19 3A04 @12" H-PINS			STARTS@+3.11' END@+22.33' TIES @12" O.C.
C4	2	CROSS REF.: C4	2x8 8A03 VERT 2x4 3A05 @12" TIES			END@+6'-8" TIES @16" O.C.
C4-A	2	CROSS REF.: C4-A	2x8 8A06 VERT 2x4 3A05 @12" TIES			END@+3'-4" TIES @16" O.C.
C5	4	CROSS REF.: C5	4x4 9A04 VERT 4x23 3A06 @10" TIES			STARTS@+2'-4" END@+22'-4" TIES @12" O.C.
C6	1	CROSS REF.: C6	4 9A04 VERT 24 3A01 @10" TIES			STARTS@+2'-4" END@+22'-4" TIES @12" O.C.
C6-A	1	CROSS REF.: C6-A	4 9A05 VERT 22 3A01 @10" TIES			STARTS@+4'-0" END@+22'-4" TIES @12" O.C.



ASTM 615 - GR 60 - BLK

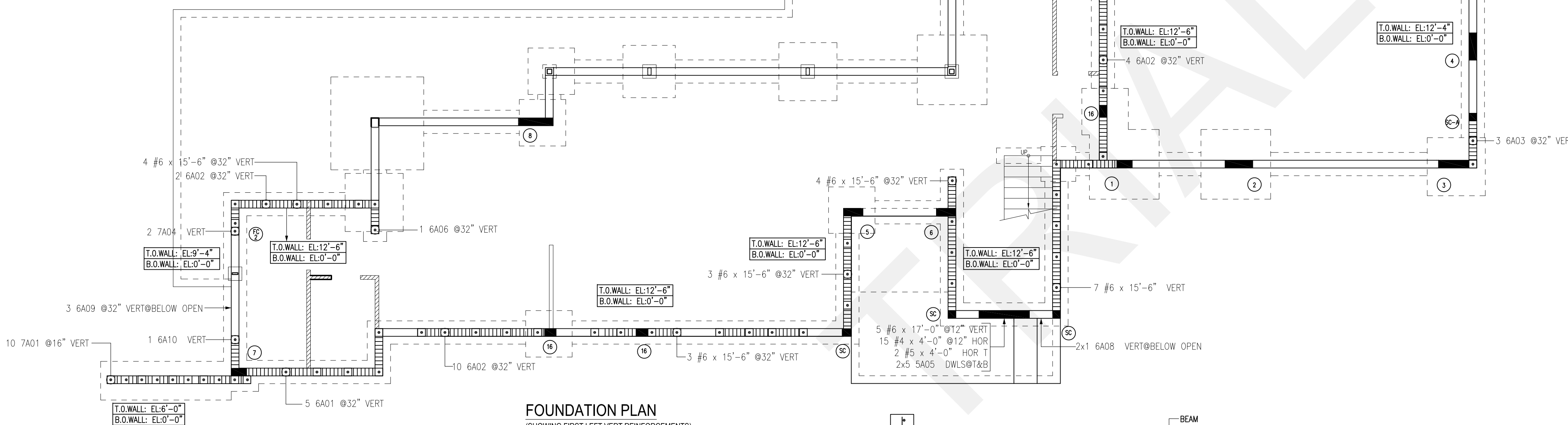
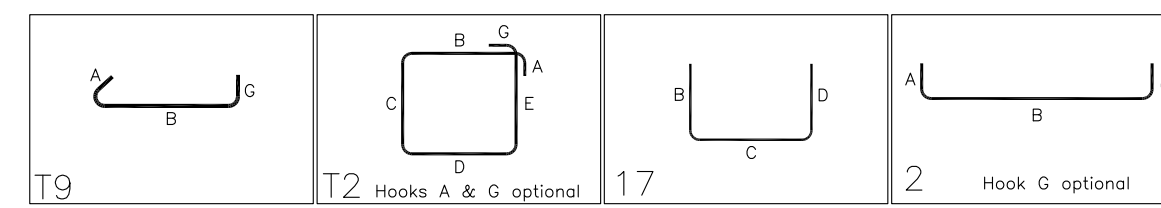
APPROVAL

CALL-OUT KEY PLAN

LABEL: QTY PER LOCATION, BAR LENGTH (or) MARK no., CONT: 2x1#5 20-00 (STOCK), PLACING REMARK, LOCATIONS REQUIRED, BAR SIZE

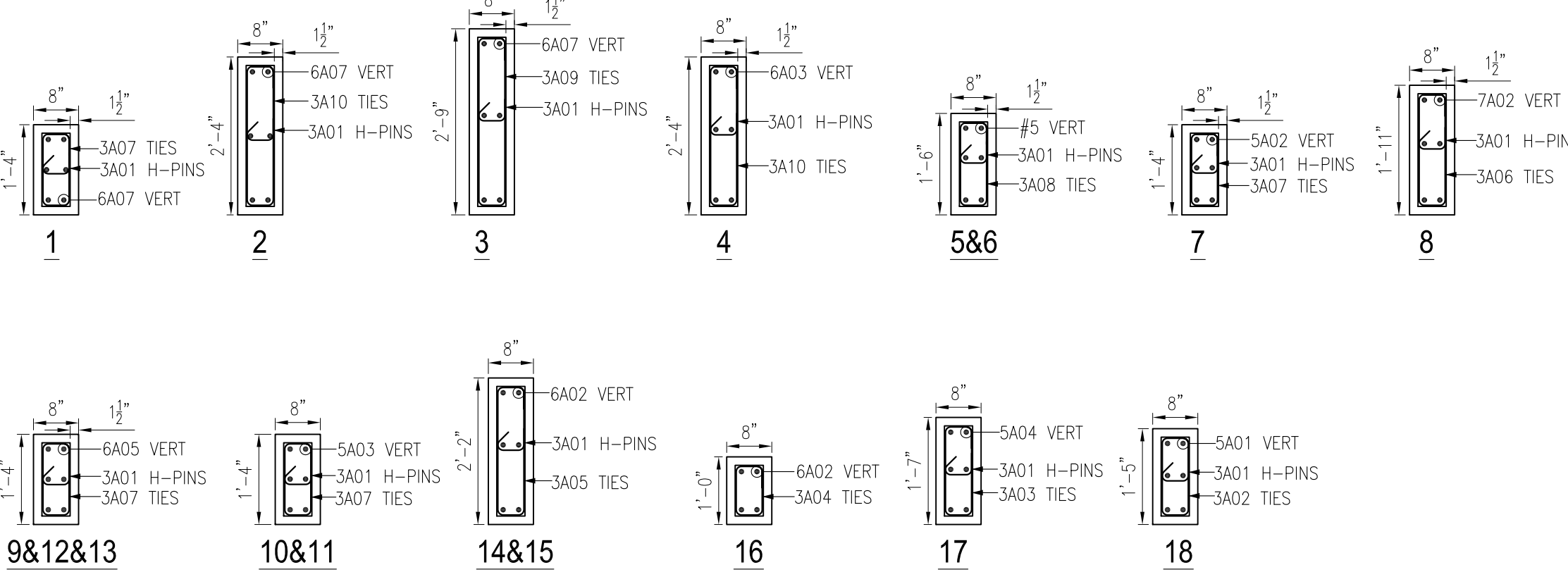
GROUND FLOOR PLAN
(SHOWING VERTICAL REINFORCEMENTS)
SCALE = 1/8" = 1'-0"
REF SHEETS: S1 thru S11 & A-001 thru A-002
CDS ARE DATED ON 12/21/15

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'	
3A01	317	#3	1'-11"	19	4"	5"																									
3A02	19	#3	3'-10"	12	4"	5"	1'-2"	5"	1'-2"																						
3A03	14	#3	4'-2"	12	4"	5"	1'-4"	5"	1'-4"																						
3A04	140	#3	3'-0"	12	4"	5"		9"																							
3A05	34	#3	5'-4"	12	4"	5"	1'-11"	5"	1'-11"																						
3A06	22	#3	4'-10"	12	4"	5"	1'-8"	5"	1'-8"																						
3A07	133	#3	3'-8"	12	4"	5"	1'-1"	5"	1'-1"																						
3A08	40	#3	4'-0"	12	4"	5"	1'-3"	5"	1'-3"																						
3A09	18	#3	6'-6"	12	4"	5"	2'-6"	5"	2'-6"																						
3A10	37	#3	5'-8"	12	4"	5"	2'-1"	5"	2'-1"																						
4A01	4	#4	4'-0"	17			2'-0"	2'-0"																							
5A01	6	#5	13'-0"	2	10"	12'-2"																									
5A02	12	#5	13'-2"	2	10"	12'-4"																									
5A03	6	#5	15'-10"	2	10"	15'-0"																									
5A04	6	#5	10'-0"	2	10"	9'-2"																									
5A05	10	#5	4'-0"	17		1'-0"	3'-0"																								
6A01	5	#6	13'-1"	2	1'-0"	12'-1"																									
6A02	78	#6	13'-4"	2	1'-0"	12'-4"																									
6A03	15	#6	13'-2"	2	1'-0"	12'-2"																									
6A04	10	#6	16'-8"	2	1'-0"	15'-8"																									
6A05	9	#6	16'-0"	2	1'-0"	15'-0"																									
6A06	1	#6	12'-5"	2	1'-0"	11'-5"																									
6A07	18	#6	11'-0"	2	1'-0"	10'-0"																									
6A08	2	#6	6'-8"	2	1'-0"	5'-8"																									
6A09	5	#6	6'-10"	2	1'-0"	5'-10"																									
6A10	4	#6	10'-2"	2	1'-0"	9'-2"																									
7A01	10	#7	7'-0"	2	1'-2"	5'-10"																									
7A02	6	#7	6'-11"	2	1'-2"	5'-9"																									
7A03	2	#7	13'-4"	2	1'-2"	12'-2"																									
7A04	2	#7	10'-4"	2	1'-2"	9'-2"																									



FOUNDATION PLAN

(SHOWING FIRST LEFT VERT. REINFORCEMENTS)
SCALE = 1/8" = 1'-0"
REF SHEETS : S-1 thru S-12 & A-1.00 thru A-8.00
CD'S ARE DATED ON 03/29/16



TYP. WALL SECTION

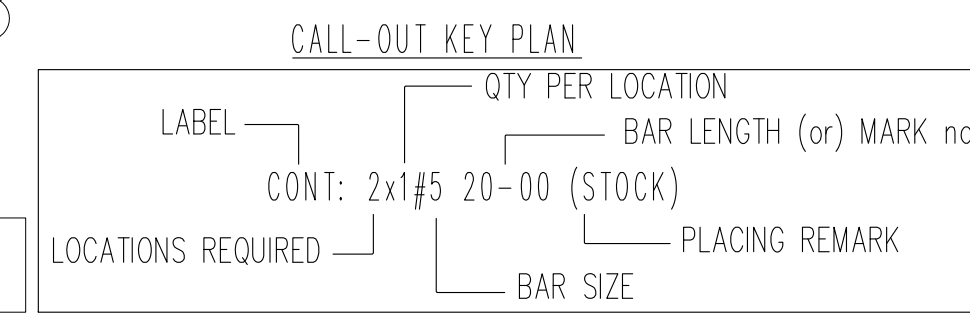
TYP. COLUMN SECTION

PLAN LOCATION: COLUMNS					
LABEL	RQ	PL	QTY	SIZE LENGTH BAR MARK	PLACING NOTES
1	1		CROSS REF: 1		STARTS @+0'-0" END @+10'-2" VERTICAL ADD'L TIES @2" TIES @6"
			6 6A07 VERT		
			16 3A07 TIES		
			16 3A01 H-PINS		
			2 3A07 ADD'L TIES		
2	1		CROSS REF: 2		STARTS @+0'-0" END @+10'-2" VERTICAL ADD'L TIES @2" TIES @6"
			6 6A07 VERT		
			16 3A10 TIES		
			2 3A10 ADD'L TIES		
			2 3A01 ADD'L H-PINS		
3	1		CROSS REF: 3		STARTS @+0'-0" END @+10'-2" VERTICAL ADD'L TIES @2" TIES @6"
			6 6A07 VERT		
			16 3A09 TIES		
			16 3A01 H-PINS		
			2 3A09 ADD'L TIES		
4	1		CROSS REF: 4		STARTS @+0'-0" END @+12'-4" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A03 VERT		
			17 3A10 TIES		
			17 3A01 H-PINS		
			2 3A10 ADD'L TIES		
5	1		CROSS REF: 5		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 #5 x 15'-6" VERT		
			18 3A08 TIES		
			18 3A01 H-PINS		
			2 3A08 ADD'L TIES		
6	1		CROSS REF: 6		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 #5 x 15'-6" VERT		
			18 3A08 TIES		
			18 3A01 H-PINS		
			2 3A01 ADD'L H-PINS		
7	1		CROSS REF: 7		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 5A02 VERT		
			18 3A07 TIES		
			18 3A01 H-PINS		
			2 3A07 ADD'L TIES		
8	1		CROSS REF: 8		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @6" O.C.
			6 7A02 VERT		
			20 3A06 TIES		
			20 3A01 H-PINS		
			2 3A06 ADD'L TIES		
9	1		CROSS REF: 9		STARTS @+0'-0" END @+15'-2" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A05 VERT		
			20 3A07 TIES		
			20 3A01 H-PINS		
			2 3A07 ADD'L TIES		
10	1		CROSS REF: 10		STARTS @+0'-0" END @+15'-2" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 5A03 VERT		
			20 3A07 TIES		
			20 3A01 H-PINS		
			2 3A07 ADD'L TIES		

PLAN LOCATION: COLUMNS					
LABEL	RQ	PL	QTY	SIZE LENGTH BAR MARK	PLACING NOTES
11	1		CROSS REF: 11		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 5A02 VERT		
			15 3A07 TIES		
			15 3A01 H-PINS		
			2 3A07 ADD'L TIES		
12	1		CROSS REF: 12		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A02 VERT		
			15 3A07 TIES		
			15 3A01 H-PINS		
			2 3A01 ADD'L H-PINS		
13	1		CROSS REF: 13		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A02 VERT		
			15 3A07 TIES		
			15 3A01 H-PINS		
			2 3A07 ADD'L TIES		
14	1		CROSS REF: 14		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A02 VERT		
			15 3A05 TIES		
			15 3A01 H-PINS		
			2 3A05 ADD'L TIES		
15	1		CROSS REF: 15		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 6A02 VERT		
			15 3A05 TIES		
			15 3A01 H-PINS		
			2 3A05 ADD'L TIES		
16	4		CROSS REF: 16		STARTS @+0'-0" END @+12'-6" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			4x4 6A02 VERT		
			4x20 3A04 TIES		
			4x2 3A04 ADD'L TIES		
16-A	2		CROSS REF: 16		STARTS @+0'-0" END @+15'-10" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			2x4 6A04 VERT		
			2x24 3A04 TIES		
			2x2 3A04 ADD'L TIES		
17	1		CROSS REF: 17		STARTS @+0'-0" END @+9'-4" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 5A04 VERT		
			12 3A03 TIES		
			12 3A01 H-PINS		
			2 3A03 ADD'L TIES		
18	1		CROSS REF: 18		STARTS @+0'-0" END @+12'-4" VERTICAL ADD'L TIES @2" TIES @8" O.C.
			6 5A01 VERT		
			17 3A02 TIES		
			17 3A01 H-PINS		
			2 3A02 ADD'L TIES		
SC	3		CROSS REF: SC		STARTS @+0'-0" END @+12'-6" VERTICAL
			3x2 6A02 VERT		
SC-A	2		CROSS REF: SC		STARTS @+0'-0" END @+12'-4" VERTICAL
			2x2 6A03 VERT		

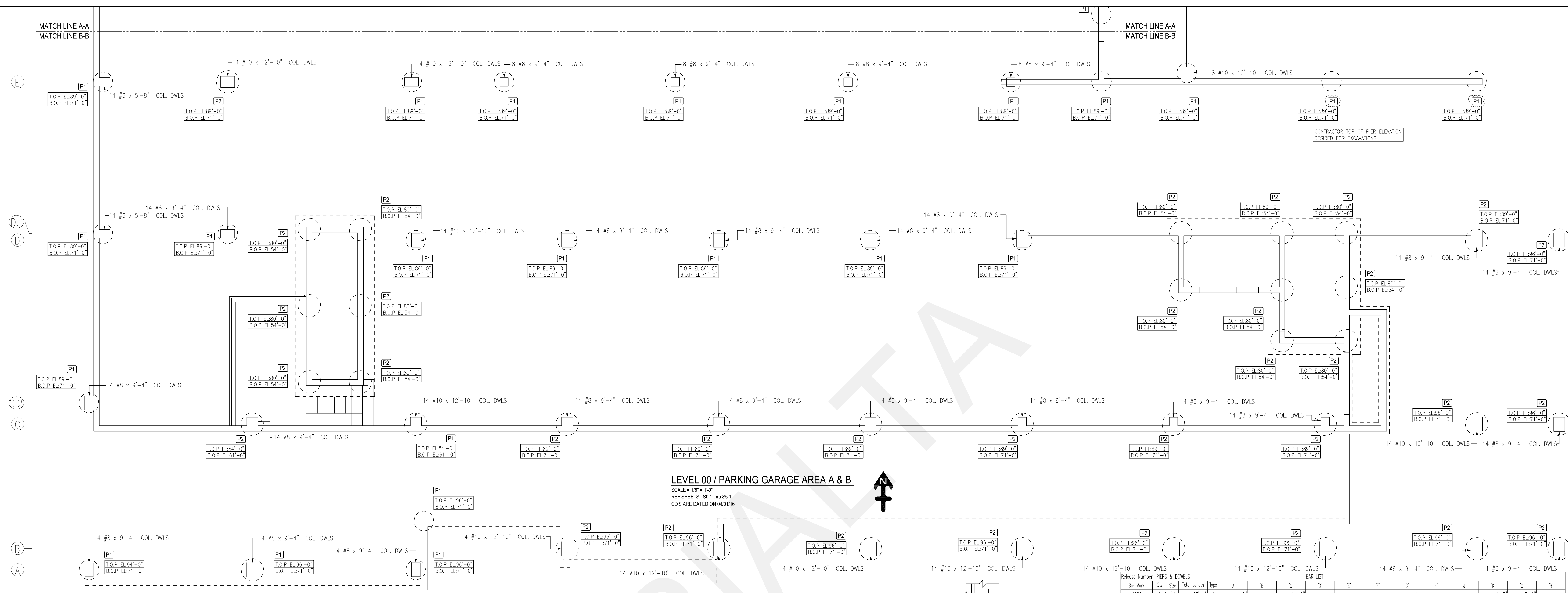
PLEASE VERIFY ALL CLOUDED ITEMS
IT WILL BE UNDERSTOOD THAT ALL CLOUDED ITEMS RETURNED FROM APPROVAL, WITHOUT COMMENT ARE CORRECT AS SUBMITTED!

ASTM 615 - GR 60 - BLK
APPROVAL



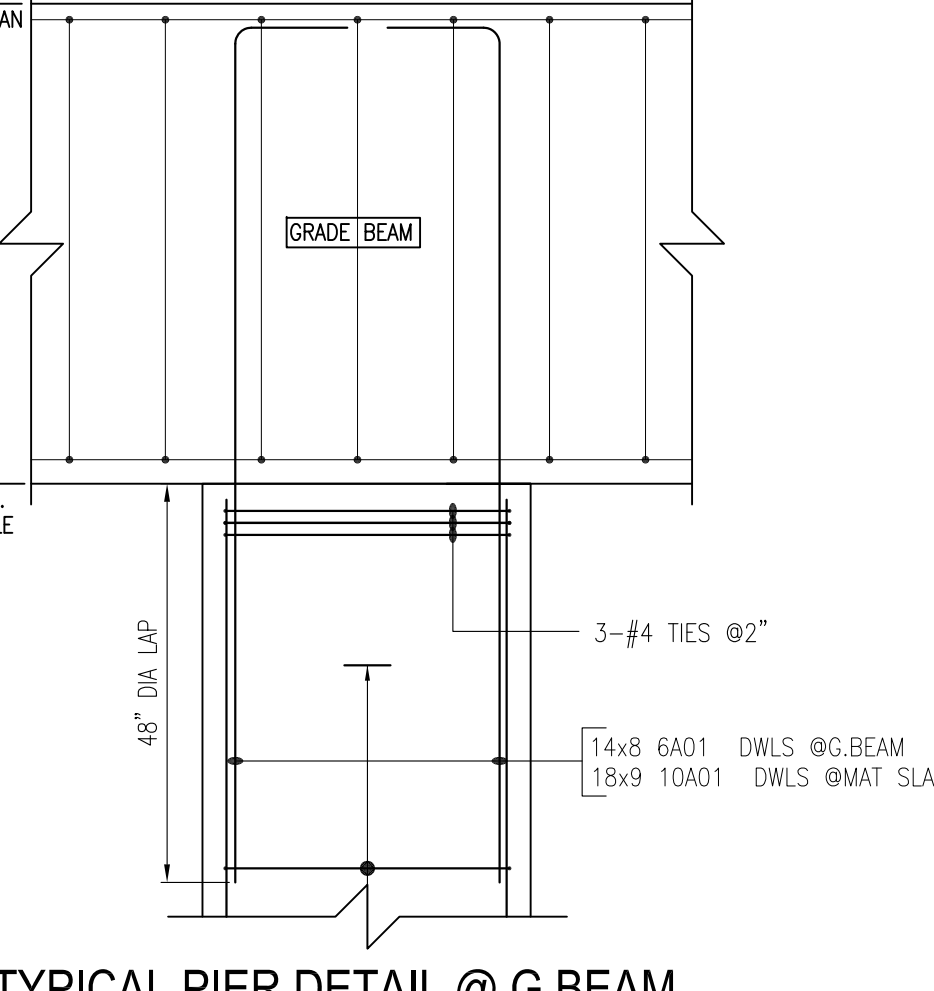
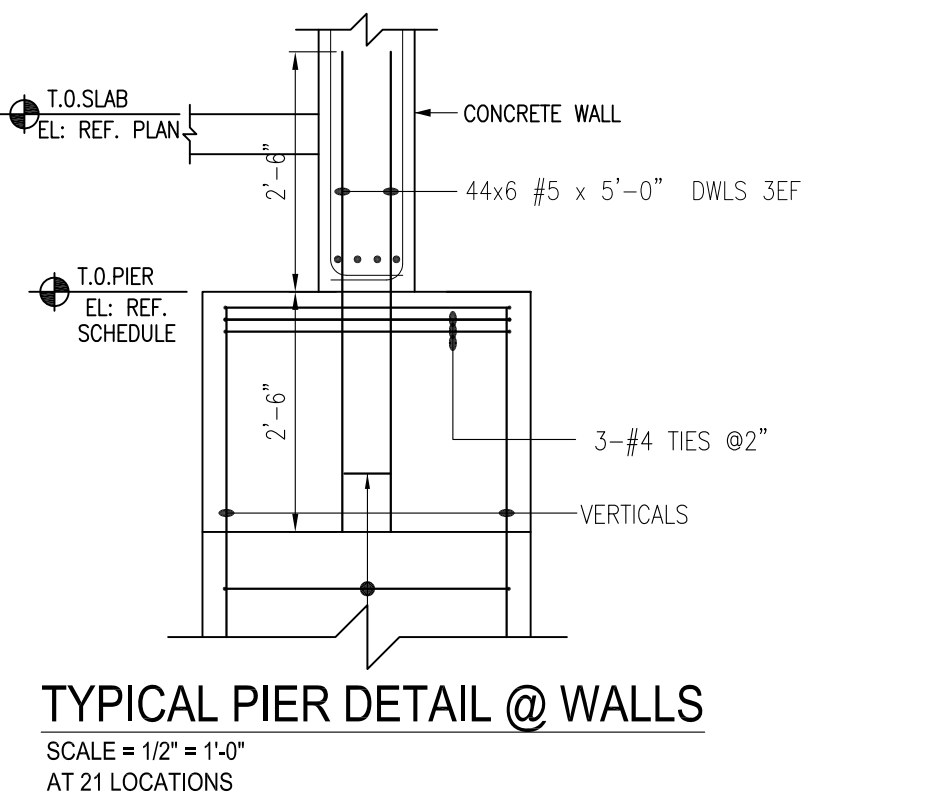
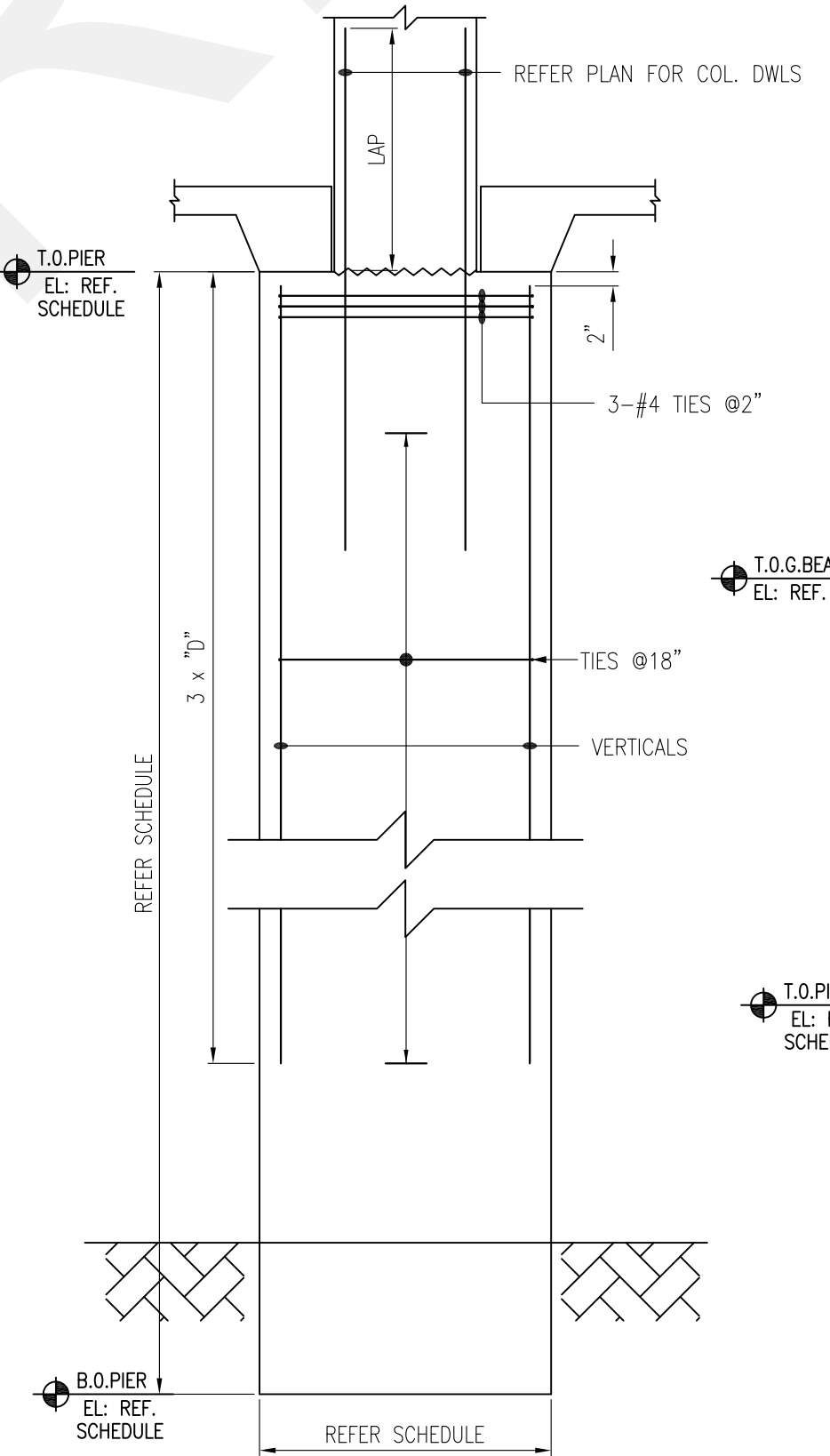
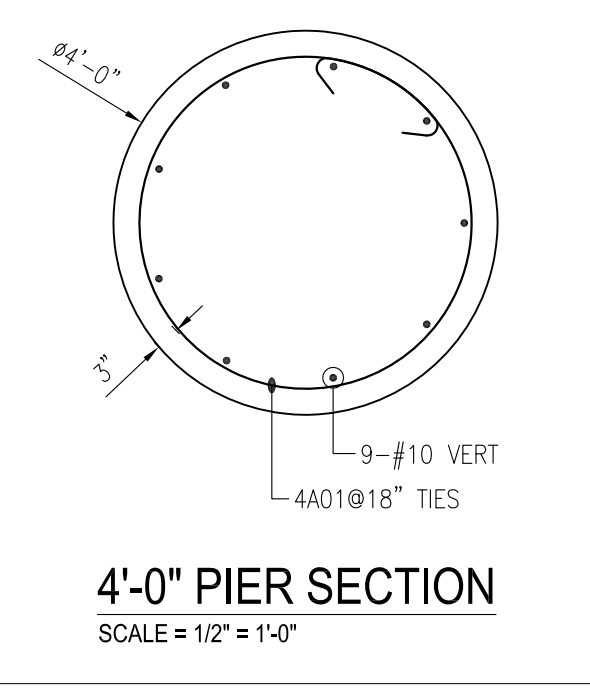
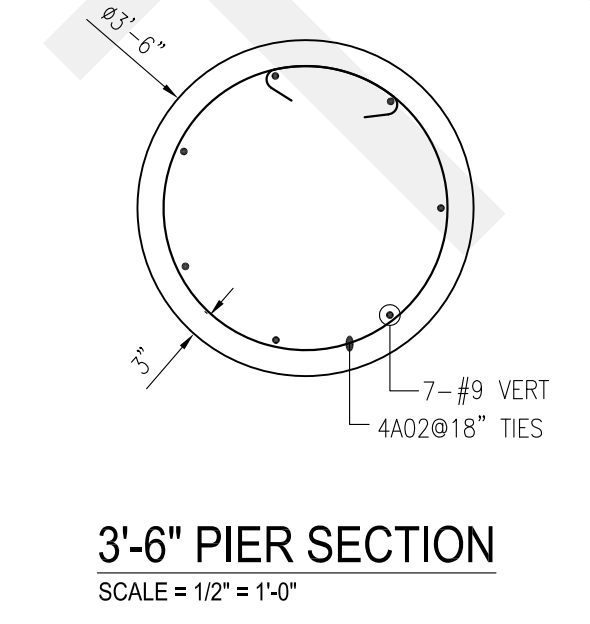
NOTES:-
1. TYPICAL CLEARANCES
A) For Cmu Wall 2" Cover At Top Typ.
B) For Col. 2" Cover At Sides & Top Typ.
C) For Col. Ties 1 1/2" Cover For Sides Typ.
2. PLEASE VERIFY THE ALL CLOUDED ITEMS
3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

#8 Bar Dia
#3 18"
#4 24"
#5 30"
#6 36"
#7 42"
#8 48"
#9 54"
#10 61"
#11 68"



LEVEL 00 / PARKING GARAGE AREA A & B
 SCALE = 1/8" = 1'-0"
 REF SHEETS: S0.1 thru S5.1
 CDS ARE DATED ON 04/01/16

No.	PIER MARK	SIZE	GRID REFERENCE	QTY.	HEIGHT	T.O. PIER	B.O. PIER	REINFORCEMENT
1.	P1	3'-6" DIA	(C-2-1) (D-1-1) (D-1-2) (E-1) (E-7.6) (E-8.1) (E-9) (E-10) (F-1) (F-2.9) (F-3.5) (F-4.6) (F-5.8) (F-6.8) (F-7.5) (F-8.1) (G-1) (G-2.9) (G-3.5) (G-4.6) (G-5.8) (G-6.8) (G-7.5) (G-8.1) (H-1) (H-2.9) (H-3.5) (H-4.6) (H-5.8) (H-6.8) (H-7.5) (H-8.1) (G/H-7) (G/H-7) (F/G-7) (J-1) (J-2.9) (J-3.5) (J-4.6) (J-5.8) (J-6.8) (J-7.5) (K-1) (K-2) (K-9-1) (L-2) (L-3.5) (L-6.8) (L-7.5) (M-3.5) (M-4.6) (M-5.8) (M-6) (E/F-7.5) (K-3.5)(K-4.6)(K-5.8) (K-6.8) (K-7.5) (E-2.9) (E-3.5) (E-4.6) (E-5.8) (E-6.8) (D-7) (D-6) (D-5) (D-4) (D-3)	69	18'-0"	EL.89'-0"	EL.71'-0"	69x7 #9 x 10'-6" VERT 69x3 4A02 @2" ADDL TIES 69x7 4A02 @18" TIES
2.	P1	3'-6" DIA	(A8-3) (B2-3)	2	25'-0"	EL.96'-0"	EL.71'-0"	2x7 #9 x 10'-6" VERT 2x3 4A02 @2" ADDL TIES 2x7 4A02 @18" TIES
3.	P1	3'-6" DIA	(A8-08)	1	23'-0"	EL.94'-0"	EL.71'-0"	7 #9 x 10'-6" VERT 3 4A02 @2" ADDL TIES 7 4A02 @18" TIES
4.	P1	3'-6" DIA	(A8-22)	1	25'-0"	EL.96'-0"	EL.71'-0"	7 #9 x 10'-6" VERT 3 4A02 @2" ADDL TIES 7 4A02 @18" TIES
5.	P1	3'-6" DIA	(C2-2.9)	1	23'-0"	EL.84'-0"	EL.61'-0"	7 #9 x 10'-6" VERT 3 4A02 @2" ADDL TIES 7 4A02 @18" TIES
6.	P1	3'-6" DIA	(J-8.1) (J-9.1) (J/K-9.1) (K/K-9-9.1) (K/K-9-8.1)	5	28'-0"	EL.100'-0"	EL.71'-0"	5x7 #9 x 10'-6" VERT 5x3 4A02 @1.5" ADDL TIES 5x7 4A02 @18" TIES
7.	P2	4'-0" DIA	(C-4) (C-4.6) (C-6) (C-7) (C-8) (C-9) (D-10) (E-2)	8	18'-0"	EL.89'-0"	EL.71'-0"	8x9 #10 x 12'-0" VERT 8x9 4A01 @18" TIES 8x3 4A01 @2" ADDL TIES
8.	P2	4'-0" DIA	(B-4) (B-5) (B-6) (B-7) (B-8) (B-9) (B-10) (B-11) (D-11) (C-10) (C-11)	11	25'-0"	EL.96'-0"	EL.71'-0"	11x9 #10 x 12'-0" VERT 11x8 4A01 @18" TIES 11x3 4A01 @2" ADDL TIES
9.	P2	4'-0" DIA	(C2-2.2)	1	23'-0"	EL.84'-0"	EL.61'-0"	9 #10 x 12'-0" VERT 8 4A01 @18" TIES 3 4A01 @2" ADDL TIES
10.	P2	4'-0" DIA	(D4-2.8) (D4-2.4) (C5-2.8) (C5-2.4) (C3-2.8) (C3-2.4)	6	26'-0"	EL.80'-0"	EL.54'-0"	6x9 #10 x 25'-10" VERT 6x16 4A01 @18" TIES 6x3 4A01 @2" ADDL TIES
11.	P2	4'-0" DIA	(D-8) (D-8.9) (D-9) (C/D-9) (C/D-9) (C/D-8) (C/D-8)(C/D-9)	8	26'-0"	EL.80'-0"	EL.54'-0"	8x9 #10 x 25'-10" VERT 8x16 4A01 @18" TIES 8x3 4A01 @2" ADDL TIES
12.	P2	4'-0" DIA	(K-2.4) (K-2.9) (L-2) (L-2.4)	4	20'-0"	EL.85'-0"	EL.65'-0"	4x9 #10 x 19'-10" VERT 4x14 4A01 @18" TIES 4x3 4A01 @2" ADDL TIES
13.	P2	4'-0" DIA	(K-2.4) (K-2.9) (K-9-2.4) (K-9-2.9)	4	18'-0"	EL.84'-0"	EL.66'-0"	4x9 #10 x 12'-0" VERT 4x8 4A01 @18" TIES 4x3 4A01 @1.5" ADDL TIES



Release Number	PIERS & DWLS	Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	
4401	598	#4	13'-4"	T3a	4.8'			11'-0"											
4402	830	#4	11'-9"	T3a	4.8'			9'-5"					4.8'				1'-7"	3'-6"	
6A01	112	#6	9'-9"	2	1'-0"	8'-9"													
10A01	162	#10	11'-8"	2	1'-10"	9'-10"													

NOTES:-
 A) For Pier 3" Cover All Side & Bottom Typ.
 B) For Pier 2" Cover All Top Typ.
 1. TYPICAL CLEARANCES
 C. A/C/C PLEASE VERIFY THE ALL COLORED ITEMS
 4. BARS TO BE PLACED AT EQUAL SPACING U.O.M.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

FOR FOUNDATION & DWLS
 REFER DWG # R-3,R-4

CALL-OUT KEY PLAN

NO. OF LOCATIONS (or) NO. OF LIFT

NO. OF BARS

BAR LENGTH (or) MARK NO.

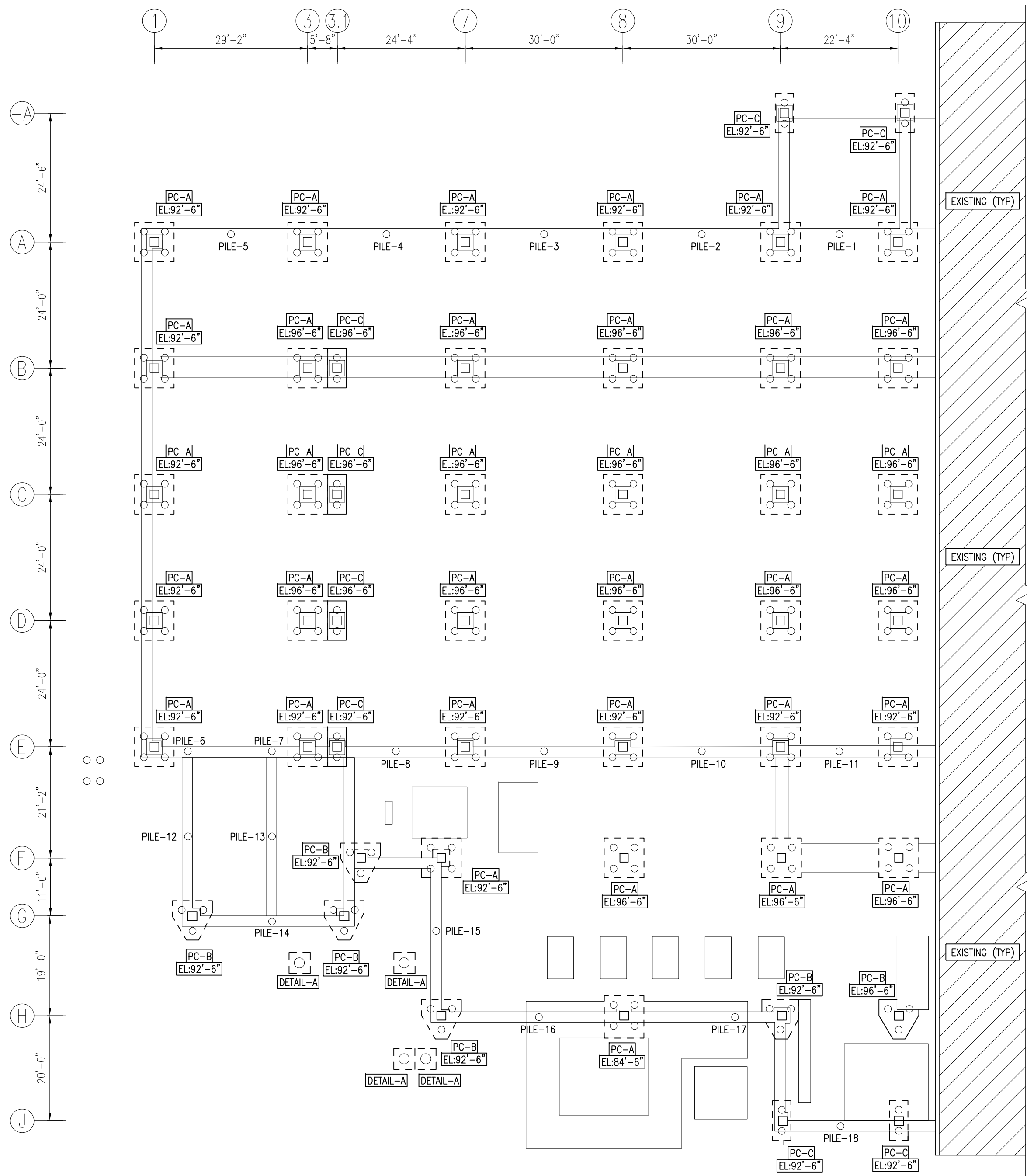
2x1 #6 40'-00" CONT

NOTES

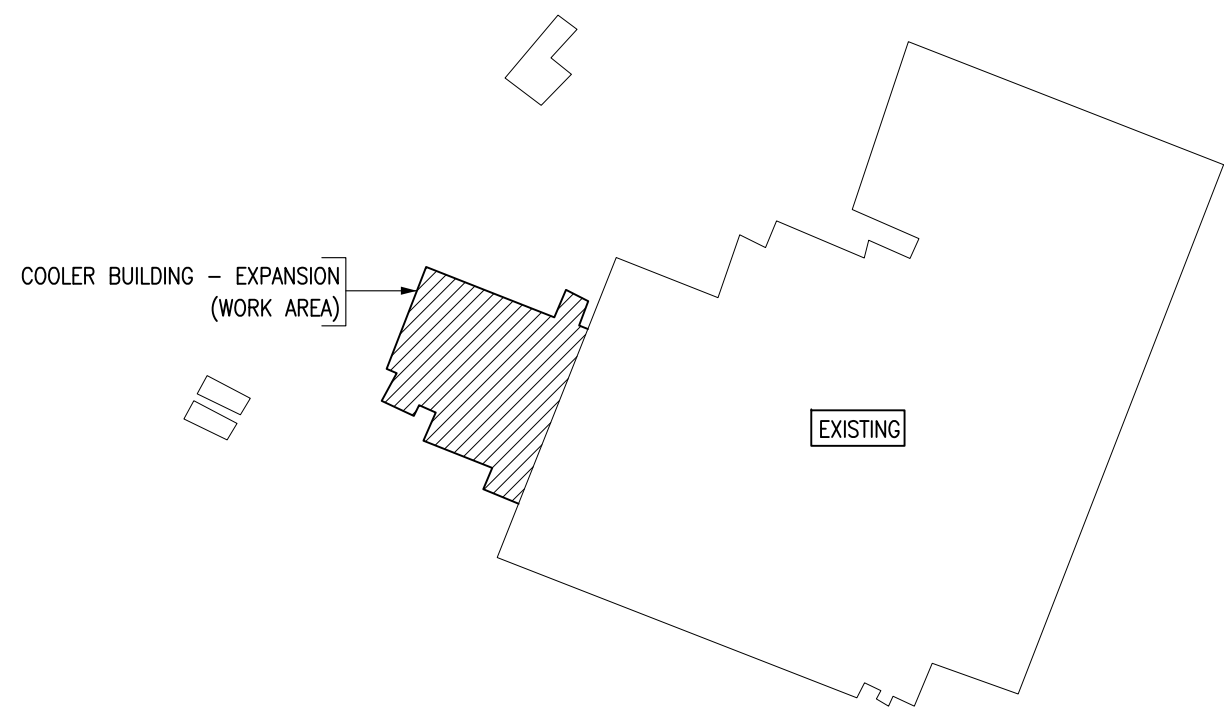
BAR SIZE

ALL MATERIAL ON THIS DRAWING
 ASTM A615
 GRADE 60 BLACK U.N.O

FOR FIELD USE



FOUNDATION PLAN
 (SHOWING PILE CAP LOCATIONS)
 SCALE = 1/16" = 1'-0"
 REF SHEETS: 2-A0.1 thru 2-A6.1 & 2-S1.0 thru 2-S5.3
 CDS ARE DATED ON 09/07/16

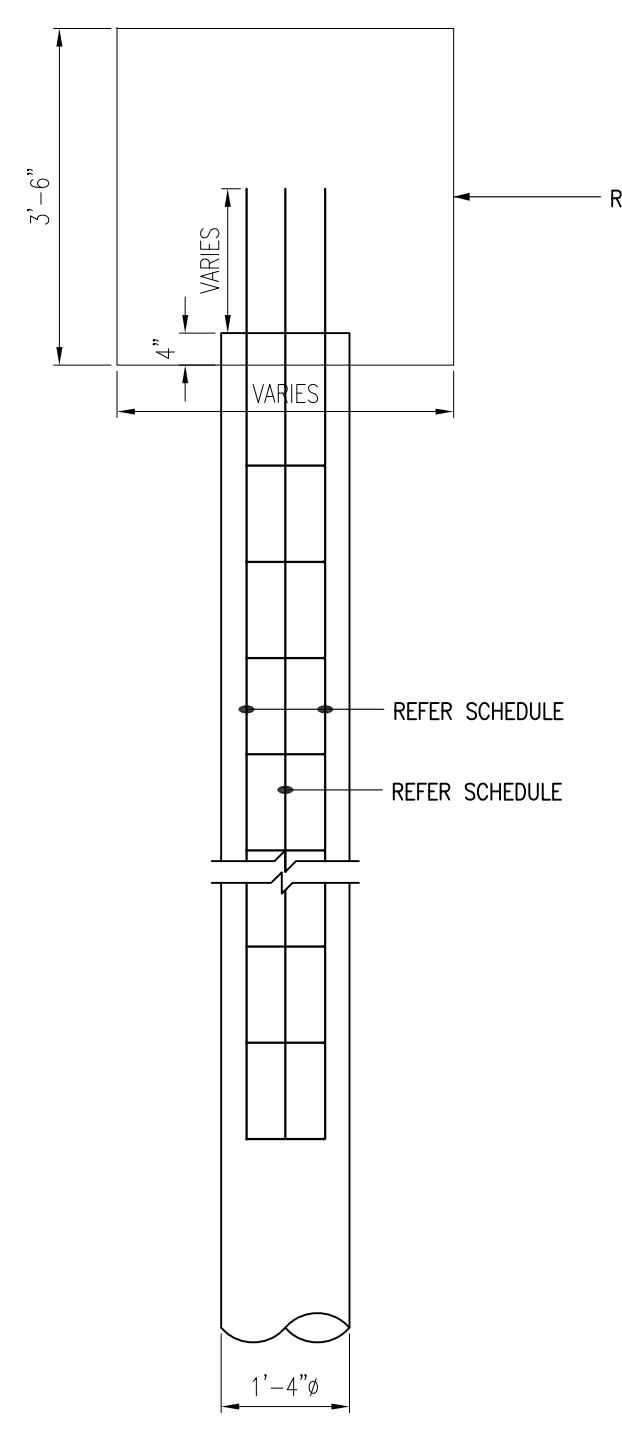
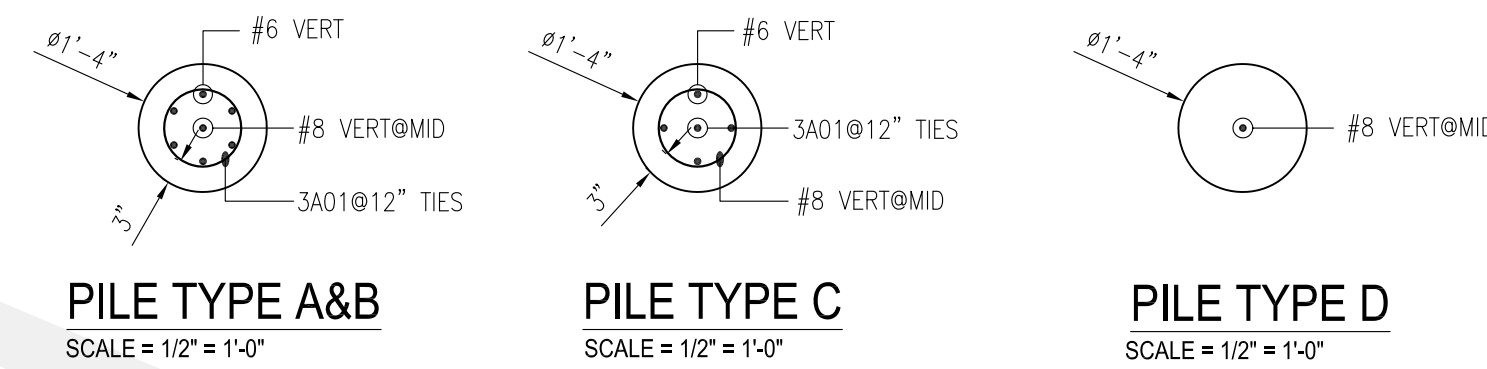


AREA KEY PLAN
 SCALE = N.T.S.

PILE SCHEDULE:

GRID REFERENCE	PILE QTY/DIA.	TOP ELEVATION	BOTTOM ELEVATION	PILE DEPTH	PIER REINFORCEMENT	PILE CAP TO G-BEAM REINFORCEMENT
A-9	2-16" DIA	1423.80	1389.80	34'-0"	2x4 #6 x 18'-0" VERT 2x19 3A01 @12" TIES 2x1 #8 x 18'-0" VERT@MID	4 6A01 DWLS
A-10	2-16" DIA	1423.80	1387.80	36'-0"	2x4 #6 x 18'-0" VERT 2x19 3A01 @12" TIES 2x1 #8 x 18'-0" VERT@MID	4 6A01 DWLS
A-1	4-16" DIA	1423.80	1378.80	45'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
A-3	4-16" DIA	1423.80	1367.80	56'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
A-7	4-16" DIA	1423.80	1366.80	57'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
A-8	4-16" DIA	1423.80	1366.80	57'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
A-9	4-16" DIA	1423.80	1365.80	58'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
A-10	4-16" DIA	1423.80	1371.80	52'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
B-1	4-16" DIA	1423.80	1368.80	55'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
B-3	4-16" DIA	1427.80	1369.80	58'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	4 4A31 @24" DWLS
B-3.1	2-16" DIA	1427.80	1386.80	41'-0"	2x4 #6 x 18'-0" VERT 2x19 3A01 @12" TIES 2x1 #8 x 18'-0" VERT@MID	2 4A31 @24" DWLS
B-7	4-16" DIA	1427.80	1364.80	63'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	4 4A31 @24" DWLS
B-8	4-16" DIA	1427.80	1362.80	65'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	4 4A31 @24" DWLS
B-9	4-16" DIA	1427.80	1366.80	61'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	4 4A31 @24" DWLS
B-10	4-16" DIA	1427.80	1374.80	53'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	4 4A31 @24" DWLS
C-1	4-16" DIA	1423.80	1369.80	54'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
C-3	4-16" DIA	1427.80	1372.80	55'-0"	4x1 #8 x 20'-0" VERT@MID	
C-3.1	2-16" DIA	1427.80	1390.80	37'-0"	2x1 #8 x 20'-0" VERT@MID	
C-7	4-16" DIA	1427.80	1367.80	60'-0"	4x1 #8 x 20'-0" VERT@MID	
C-8	4-16" DIA	1427.80	1366.80	61'-0"	4x1 #8 x 20'-0" VERT@MID	
C-9	4-16" DIA	1427.80	1369.80	58'-0"	4x1 #8 x 20'-0" VERT@MID	
C-10	4-16" DIA	1427.80	1378.80	49'-0"	4x1 #8 x 20'-0" VERT@MID	
D-1	4-16" DIA	1423.80	1369.80	54'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
D-3	4-16" DIA	1427.80	1372.80	55'-0"	4x1 #8 x 20'-0" VERT@MID	
D-3.1	2-16" DIA	1427.80	1390.80	37'-0"	2x1 #8 x 20'-0" VERT@MID	
D-7	4-16" DIA	1427.80	1367.80	60'-0"	4x1 #8 x 20'-0" VERT@MID	
D-8	4-16" DIA	1427.80	1366.80	61'-0"	4x1 #8 x 20'-0" VERT@MID	
D-9	4-16" DIA	1427.80	1369.80	58'-0"	4x1 #8 x 20'-0" VERT@MID	
D-10	4-16" DIA	1427.80	1376.80	51'-0"	4x1 #8 x 20'-0" VERT@MID	
E-1	4-16" DIA	1423.80	1369.80	54'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
E-3	4-16" DIA	1423.80	1364.80	59'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
E-3.1	4-16" DIA	1423.80	1384.80	39'-0"	4x6 #6 x 23'-0" VERT 4x24 3A01 @12" TIES 4x1 #8 x 23'-0" VERT@MID	8 6A01 DWLS
E-7	4-16" DIA	1423.80	1358.80	65'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
E-8	4-16" DIA	1423.80	1352.80	71'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
E-9	4-16" DIA	1423.80	1357.80	66'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
E-10	4-16" DIA	1423.80	1365.80	58'-0"	4x4 #6 x 18'-0" VERT 4x19 3A01 @12" TIES 4x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
F-5	3-16" DIA	1423.80	1382.80	41'-0"	3x6 #6 x 23'-0" VERT 3x24 3A01 @12" TIES 3x1 #8 x 23'-0" VERT@MID	8 6A01 DWLS
F-6	4-16" DIA	1423.80	1364.80	59'-0"	4x6 #6 x 33'-0" VERT 4x34 3A01 @12" TIES 4x1 #8 x 33'-0" VERT@MID	8 6A01 DWLS
F-8	4-16" DIA	1427.80	1354.80	73'-0"	4x1 #8 x 20'-0" VERT@MID	
F-9	4-16" DIA	1427.80	1359.80	68'-0"	4x1 #8 x 20'-0" VERT@MID	
F-10	4-16" DIA	1427.80	1368.80	59'-0"	4x1 #8 x 20'-0" VERT@MID	
G-2	3-16" DIA	1423.80	1386.80	37'-0"	3x4 #6 x 18'-0" VERT 3x19 3A01 @12" TIES 3x1 #8 x 18'-0" VERT@MID	8 6A01 DWLS
G-4	4-16" DIA	1423.80	1392.80	31'-0"	4x6 #6 x 23'-0" VERT 4x24 3A01 @12" TIES 4x1 #8 x 23'-0" VERT@MID	8 6A01 DWLS
H-6	4-16" DIA	1423.80	1373.80	50'-0"	4x6 #6 x 33'-0" VERT 4x34 3A01 @12" TIES 4x1 #8 x 33'-0" VERT@MID	8 6A01 DWLS
H-8	4-16" DIA	1415.80	1363.80	52'-0"	4x1 #8 x 20'-0" VERT@MID	
H-9	4-16" DIA	1423.80	1367.80	56'-0"	4x6 #6 x 33'-0" VERT 4x34 3A01 @12" TIES 4x1 #8 x 33'-0" VERT@MID	8 6A01 DWLS
H-10	3-16" DIA	1427.80	1376.80	51'-0"	3x1 #8 x 20'-0" VERT@MID	
J-9	4-16" DIA	1423.80	1390.80	33'-0"	4x6 #6 x 33'-0" VERT 4x34 3A01 @12" TIES 4x1 #8 x 33'-0" VERT@MID	8 6A01 DWLS
J-10	2-16" DIA	1423.80	1371.80	52'-0"	2x4 #6 x 18'-0" VERT 2x19 3A01 @12" TIES 2x1 #8 x 18'-0" VERT@MID	4 6A01 DWLS
PILE-1	1-16" DIA	1427.80	1389.80	38'-0"	1 #8 x 20'-0" VERT@MID	
PILE-2	1-16" DIA	1427.80	1379.80	48'-0"	1 #8 x 20'-0" VERT@MID	
PILE-3	1-16" DIA	1427.80	1379.80	48'-0"	1 #8 x 20'-0" VERT@MID	
PILE-4	1-16" DIA	1427.80	1379.80	48'-0"	1 #8 x 20'-0" VERT@MID	
PILE-5	1-16" DIA	1427.80	1380.80	47'-0"	1 #8 x 20'-0" VERT@MID	
PILE-6	1-16" DIA	1427.80	1363.80	64'-0"	4 #6 x 18'-0" VERT 19 3A01 @12" TIES 1 #8 x 18'-0" VERT@MID	
PILE-7	1-16" DIA	1427.80	1357.80	70'-0"	4 #6 x 23'-0" VERT 24 3A01 @12" TIES 1 #8 x 23'-0" VERT@MID	

GRID REFERENCE	PILE QTY/DIA.	TOP ELEVATION	BOTTOM ELEVATION	PILE DEPTH	PIER REINFORCEMENT	PILE CAP TO G-BEAM REINFORCEMENT
PILE-8	1-16" DIA	1427.80	1369.80	58'-0"	1 #6 x 20'-0" VERT@MID	
PILE-9	1-16" DIA	1427.80	1360.80	67'-0"	1 #6 x 20'-0" VERT@MID	
PILE-10	1-16" DIA	1427.80	1360.80	67'-0"	1 #6 x 20'-0" VERT@MID	
PILE-11	1-16" DIA	1427.80	1371.80	56'-0"	1 #6 x 20'-0" VERT@MID	
PILE-12	1-16" DIA	1427.80	1393.80	34'-0"	1 #6 x 20'-0" VERT@MID	
PILE-13	1-16" DIA	1427.80	1393.80	34'-0"	1 #6 x 20'-0" VERT@MID	
PILE-14	1-16" DIA	1427.80	1373.80	54'-0"	6 #6 x 23'-0" VERT 24 3A01 @12" TIES 1 #8 x 23'-0" VERT@MID	
PILE-15	1-16" DIA	1427.80	1379.80	48'-0"	1 #6 x 20'-0" VERT@MID	
PILE-16	1-16" DIA	1417.80	1377.80	40'-0"	1 #6 x 20'-0" VERT@MID	
PILE-17	1-16" DIA	1417.80	1377.80	40'-0"	1 #6 x 20'-0" VERT@MID	
PILE-18	1-16" DIA	1427.80	1390.80	37'-0"	1 #6 x 20'-0" VERT@MID	
PILE-19	1-16" DIA	1427.80	1390.80	37'-0"	1 #6 x 20'-0" VERT@MID	



DRILLED PILE
 (TYPICAL @192 LOCATIONS)
 SCALE = 1/2" = 1'-0"
 REF SHEETS: 2-A0.1 thru 2-A6.1 & 2-S1.0 thru 2-S5.3
 CDS ARE DATED ON 09/07/16

FOR PILE CAP REINF. REFER TO DWG. - R2
 FOR PIER REINFORCEMENT REFER TO DWG. - R3
 FOR BAR BENDING SCHEDULE REFER DWG. - R3A

- NOTES:-**
- TYPICAL CLEARANCES
 - FOR PILE 3" Cover At Sides Typ.
 - PLEASE VERIFY THE ALL CLOUDED ITEMS
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

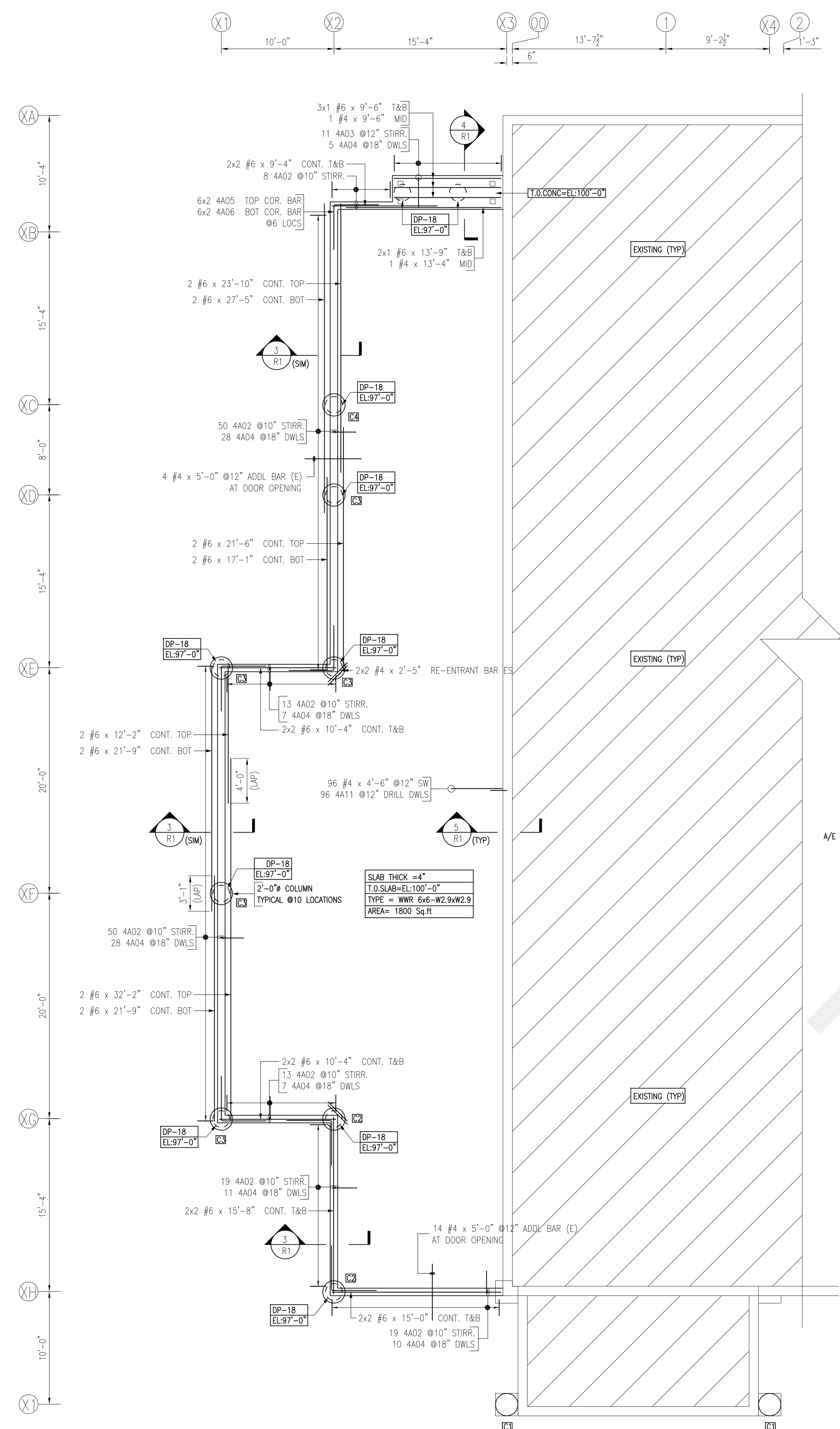
NO.	REVISIONS	DATE	BY
6			
5			
4			
3			
2			
1			
0			

THESE REINFORCING SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH ACI DETAILING MANUAL, CRS MANUAL OF STANDARD PRACTICE, AND THE CONTRACT DOCUMENTS. THE CONTRACT DRAWINGS AND DOCUMENTS SHALL BE USED TOGETHER WITH THE REBAR SHOP DRAWINGS FOR THE ACTUAL PLACEMENT OF THE REINFORCING STEEL. THIS DRAWING AND ALL SPECIFICATIONS HERE-ON ARE THE PROPERTY OF SFC CO. AND MAY NOT BE DISCLOSED WITHOUT ITS PRIOR WRITTEN CONSENT. THIS DRAWING PERTAINS TO THE PROJECT MENTIONED IN THE TITLE BLOCK AND MAY NOT BE USED FOR ANY OTHER PROJECT.

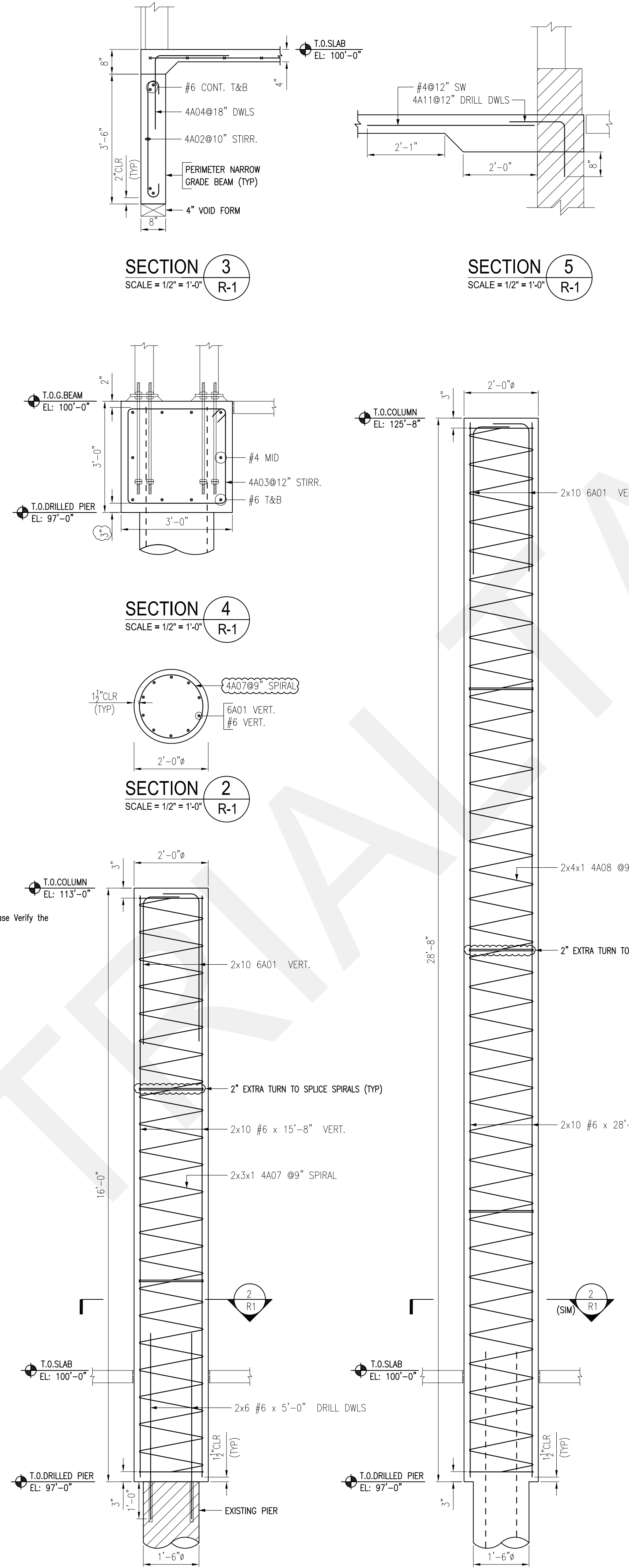
DATE DRAWN	DRAWN BY	CONTRACTOR	ENGINEER	REINFORCING STEEL GRADE	THIS DRAWING IS NOT TO BE SCALED
				Grade 60 (420)	

PROJECT	LOCATION

PROJECT NO.	DRAWING NO.



FOUNDATION PLAN
SCALE = 1/8" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

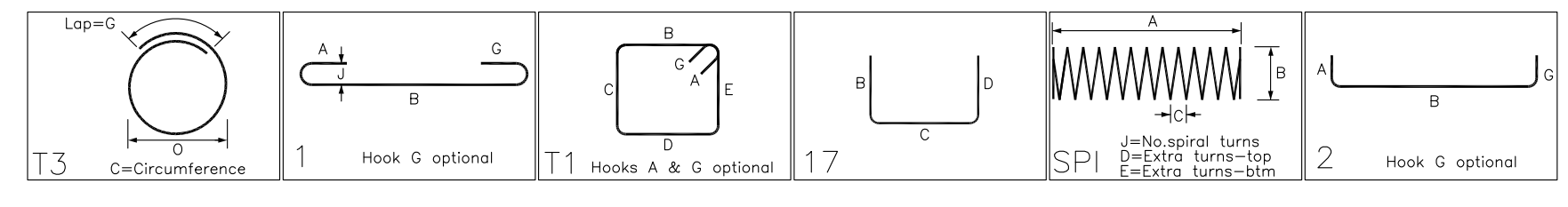


COLUMN-C1
(TYPICAL @2 LOCATIONS)
SCALE = 1/2" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

COLUMN-C2
(TYPICAL @5 LOCATIONS)
SCALE = 1/2" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

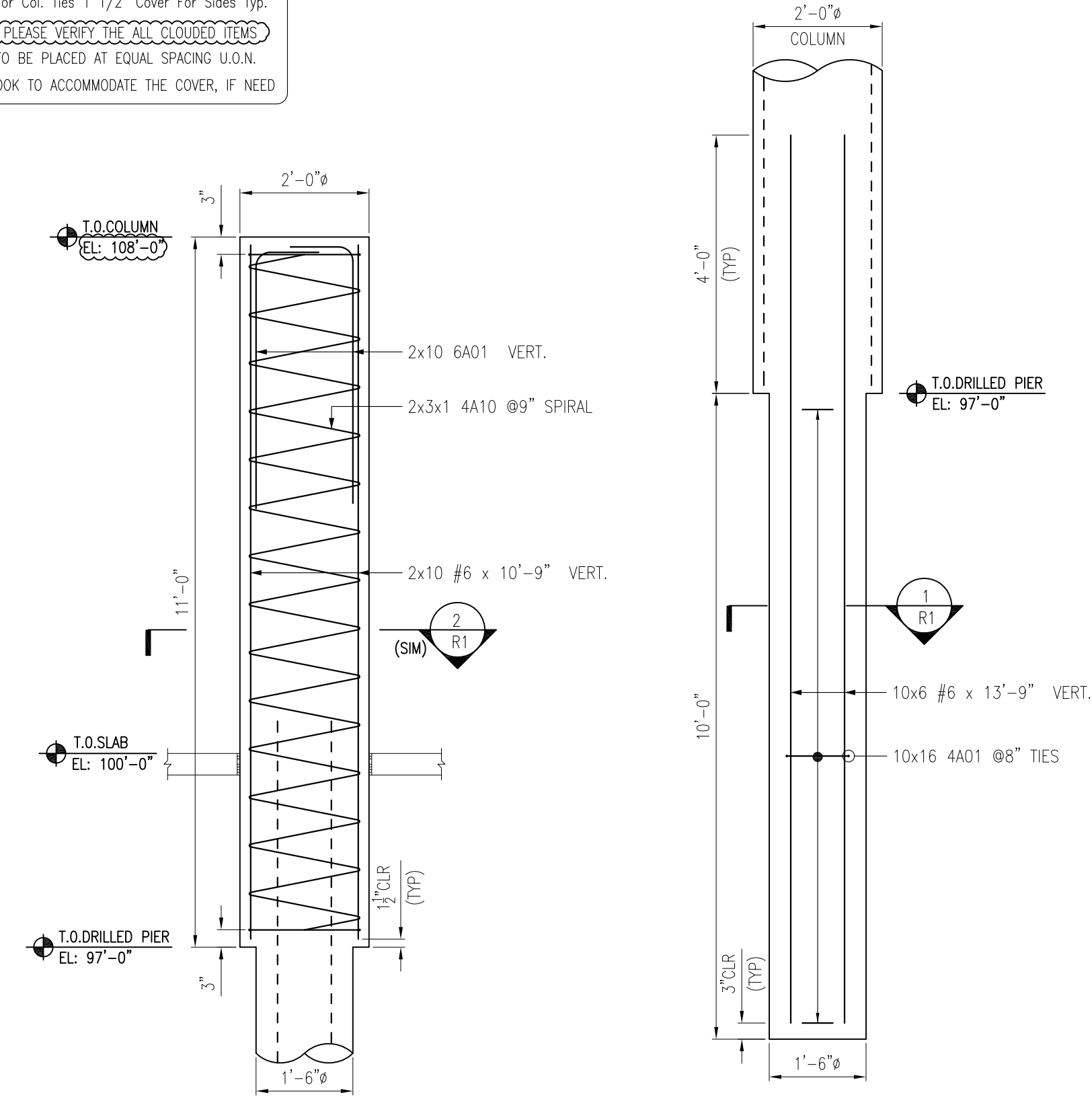
COLUMN-C3
(TYPICAL @5 LOCATIONS)
SCALE = 1/2" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'
4A01	160	#4	5'-2 3/4"	T3			3'-1 1/2"									
4A02	172	#4	4'-2 1/2"	1	6"	3'-2"										
4A03	14	#4	11'-3 1/2"	T1	4 1/2"	2'-7"	2'-8"	2'-7"	2'-8"							
4A04	96	#4	4'-0"	17		2'-0"	2'-0"									
4A05	12	#4	8'-0"	17		4'-0"	4'-0"									
4A06	12	#4	6'-2 1/2"	17		3'-1 1/2"	3'-1 1/2"									
4A07	6	#4	60'-5 1/2"	SPI	5'-2"	1'-9"	9"	2.0	2.0						11.0	
4A08	8	#4	76'-11 1/2"	SPI	7'-3 1/2"	1'-9"	9"	2.0	2.0						14.0	
4A09	10	#4	98'-11 1/2"	SPI	10'-5"	1'-9"	9"	2.0	2.0						18.0	
4A10	6	#4	98'-11 1/2"	SPI	10'-6"	1'-9"	9"	2.0	2.0						18.0	
4A11	96	#4	3'-0"	17		1'-6"	1'-6"									
6A01	110	#6	5'-0"	2	1'-0"	4'-0"										



Size	Top bars	Other bars
#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"

NOTES:-
1. TYPICAL CLEARANCES
A. For Drilled Pier 3" Cover At Bottom Typ.
B. For G.Beam 2" Cover At All Sides Typ.
C. For G.Beam 3" Cover At bot Typ.
D. For Col. Ties 1 1/2" Cover For Sides Typ.
C.A/E PLEASE VERIFY THE ALL COUDED TIES
3. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
4. TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

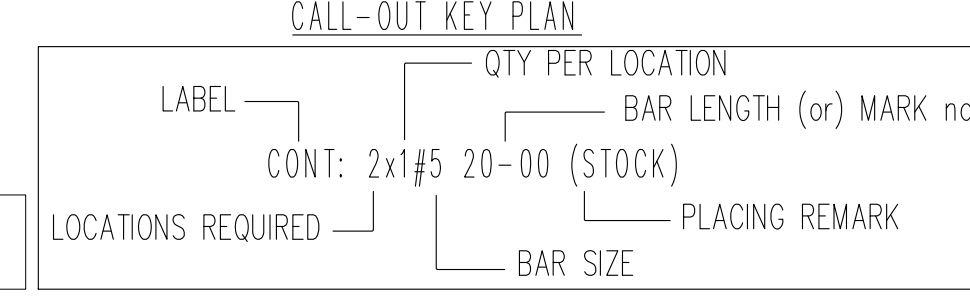


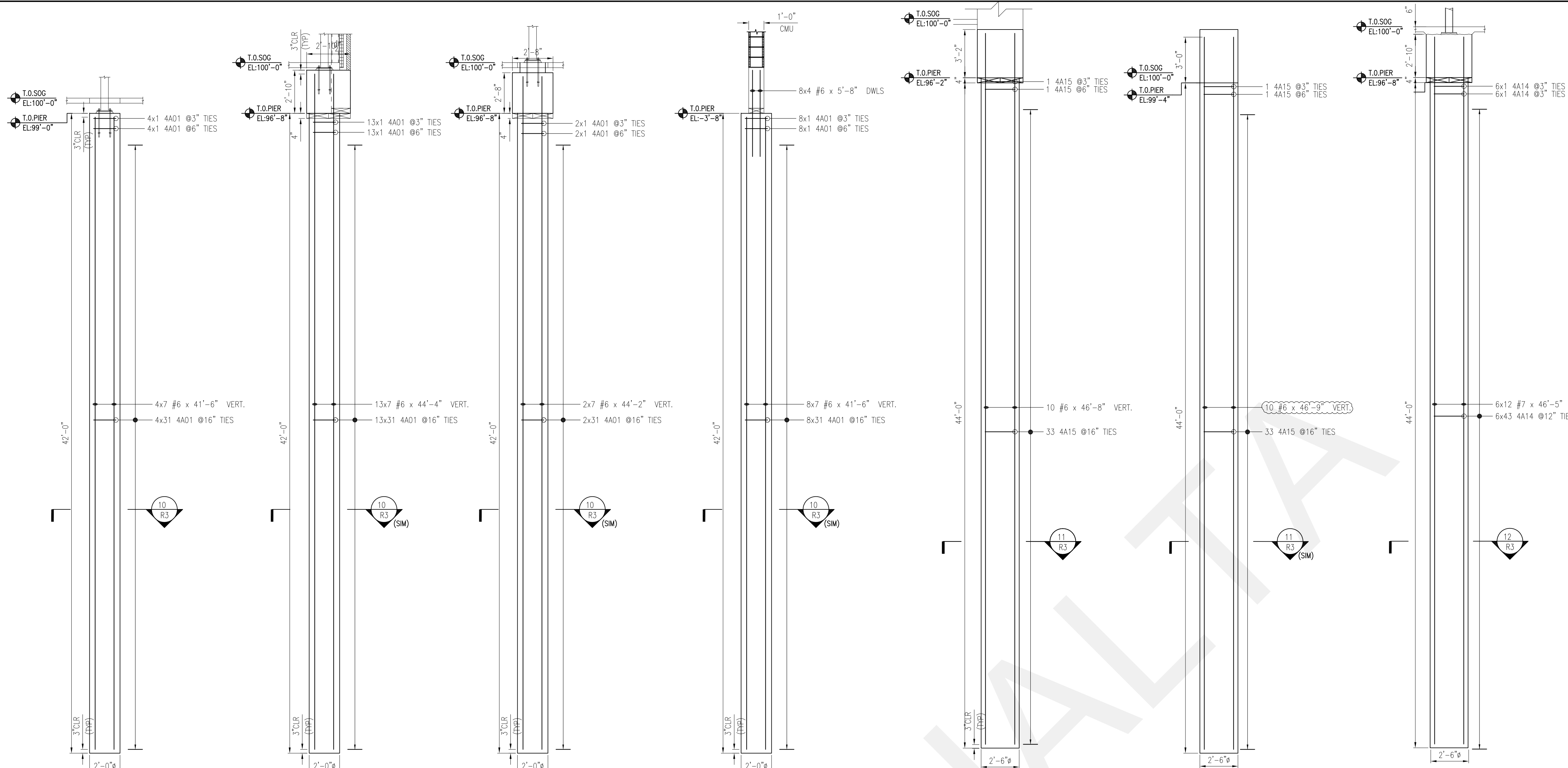
COLUMN-C4
SCALE = 1/2" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

DRILLED PIER DETAIL
(TYPICAL @10 LOCATIONS)
SCALE = 1/2" = 1'-0"
REF SHEETS : S0-02 thru S6-00
REF SHEETS : A1-1 thru A6-4
CDS ARE DATED ON 12/18/15

SECTION 1
SCALE = 1/2" = 1'-0"
R-1

ASTM 615 - GR 60 - BLK
APPROVAL





DRILLED PIER -A1
 (TYPICAL @4 LOCATIONS)
 GRID REF: (C.1-3.8), (D.8-3.8), (2.9-D) & (2.8-C.3)
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

DRILLED PIER -A2
 (TYPICAL @13 LOCATIONS)
 GRID REF: (C.4-3.9), (C.5-3.9), (C.7-3.9), (D.1-3.9), (D.2-4.1), (D.8-4.3)
 (E.1-4.3), (E.1-3.8), (E.2-3.2), (E.1-2.9), (E.1-1), (D.2-1.1) & (C.5-1.2)
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

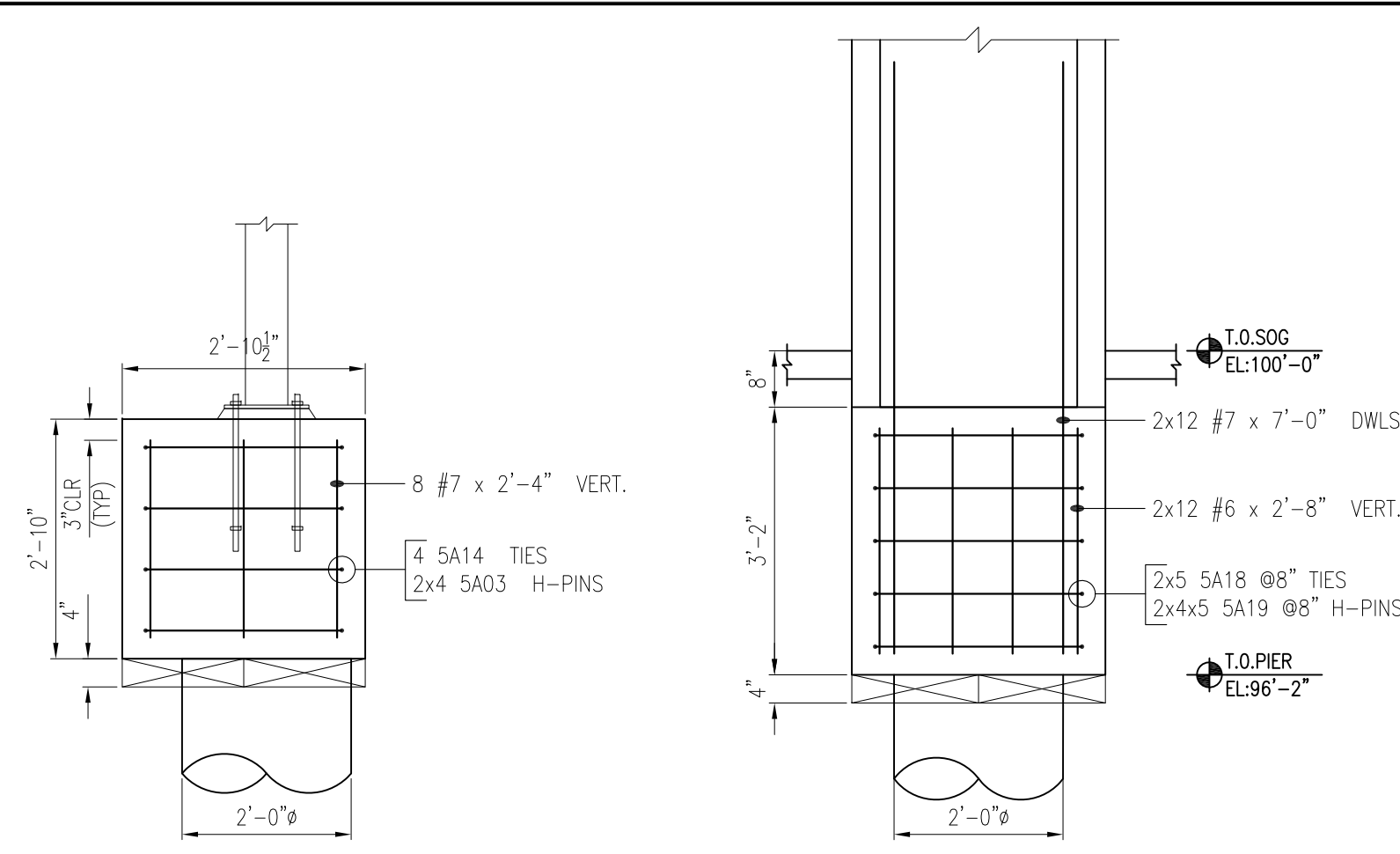
DRILLED PIER -A3
 (TYPICAL @2 LOCATIONS)
 GRID REF: (4.4-E.2) & (4.4-D.7)
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

DRILLED PIER -A4
 (TYPICAL @8 LOCATIONS)
 GRID REF: @GENERATOR & TRASH ENCLOSURE
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

DRILLED PIER -B1
 SCALE = 1/4" = 1'-0"
 GRID REF: (0.9-2)
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

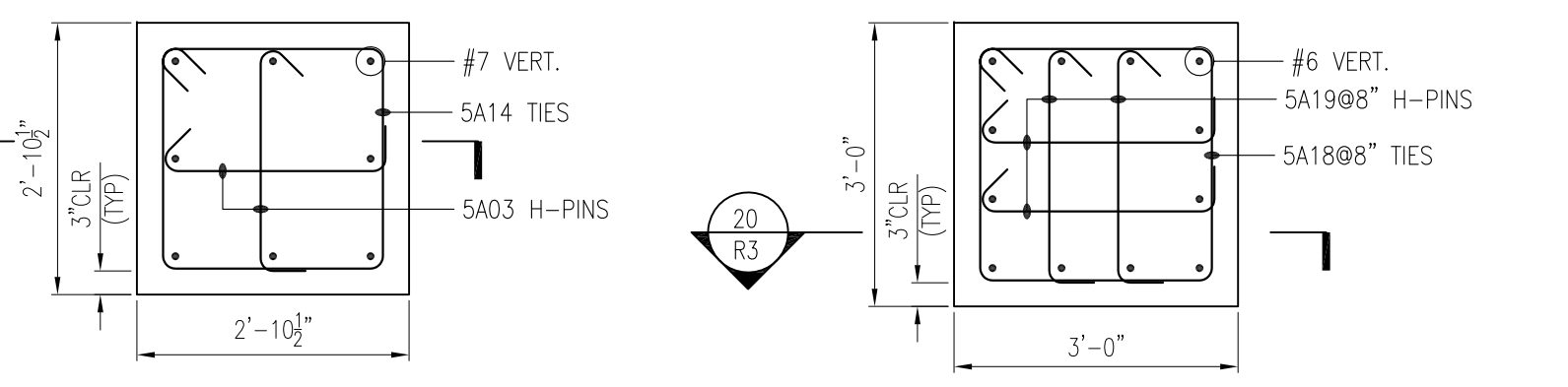
DRILLED PIER -B2
 SCALE = 1/4" = 1'-0"
 GRID REF: (0.9-3)
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16

DRILLED PIER -C
 (TYPICAL @6 LOCATIONS)
 SCALE = 1/4" = 1'-0"
 REF SHEETS: S-000 thru S-502
 CDS ARE DATED ON 03/12/16



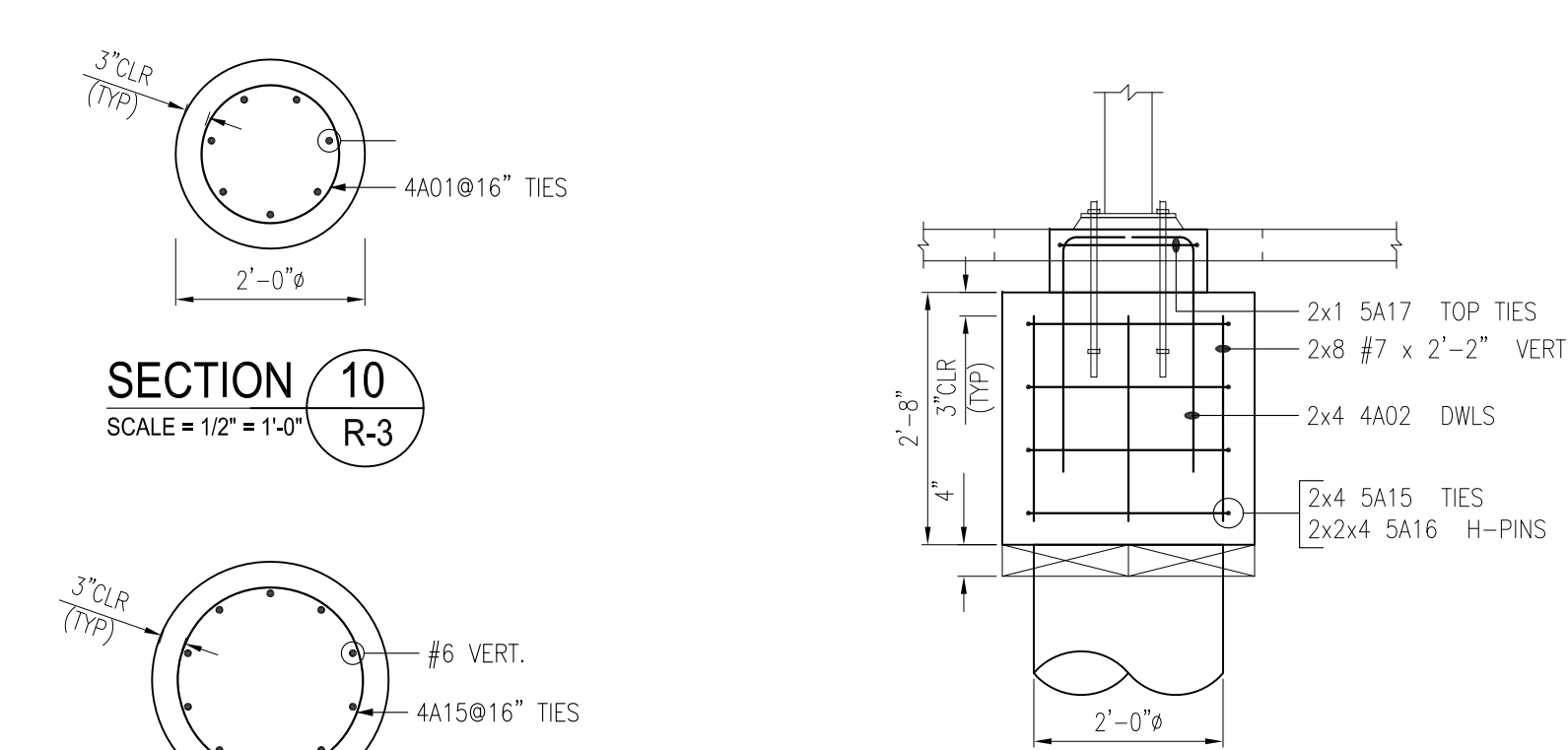
SECTION 19
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 20
 SCALE = 1/2" = 1'-0"
 R-3



PILASTER-7
 GRID REF: (E-1.1)
 SCALE = 1/2" = 1'-0"

PILASTER-8
 (TYPICAL @2 LOCATIONS)
 GRID REF: (0.9-2) & (0.9-3)
 SCALE = 1/2" = 1'-0"

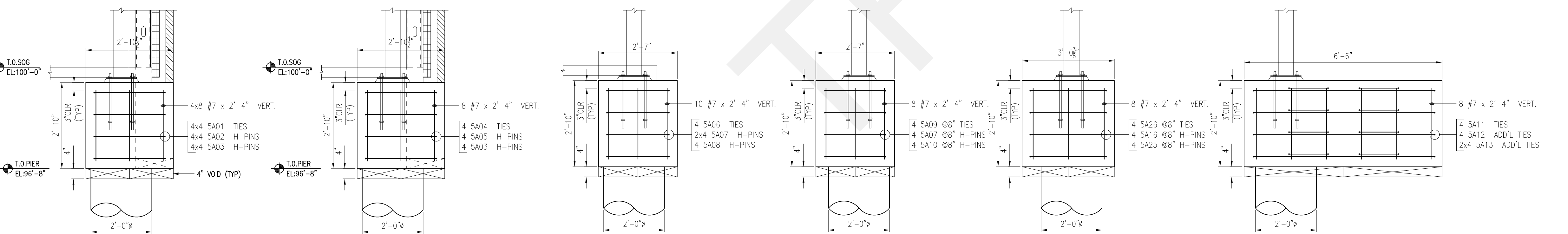


SECTION 10
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 11
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 12
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 21
 SCALE = 1/2" = 1'-0"
 R-3



SECTION 13
 SCALE = 1/2" = 1'-0"
 R-3

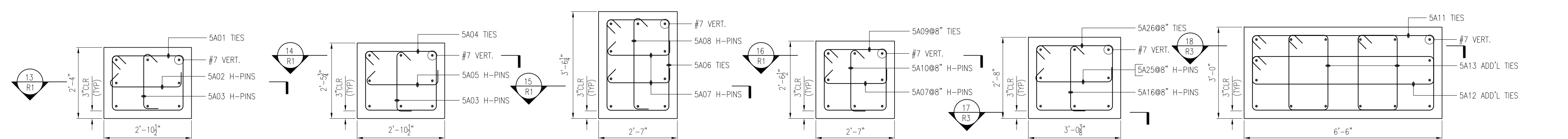
SECTION 14
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 15
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 16
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 17
 SCALE = 1/2" = 1'-0"
 R-3

SECTION 18
 SCALE = 1/2" = 1'-0"
 R-3



PILASTER-1
 (TYPICAL @4 LOCATIONS)
 GRID REF: (C.4-3.9), (C.5-3.9), (C.7-3.9) & (D.1-3.9)
 SCALE = 1/2" = 1'-0"

PILASTER-2
 GRID REF: (D.2-4.9)
 SCALE = 1/2" = 1'-0"

PILASTER-3
 GRID REF: (D.8-4.3)
 REF SHEETS: S-000 thru S-502

PILASTER-4
 GRID REF: (E.1-4.3)
 SCALE = 1/2" = 1'-0"

PILASTER-5
 GRID REF: (E.1-3.8)
 SCALE = 1/2" = 1'-0"

PILASTER-6
 GRID REF: (E.2-3.2)
 SCALE = 1/2" = 1'-0"

CALL-OUT KEY PLAN

ASTM 615 - GR 60 - BLK

APPROVAL

LOCATIONS REQUIRED

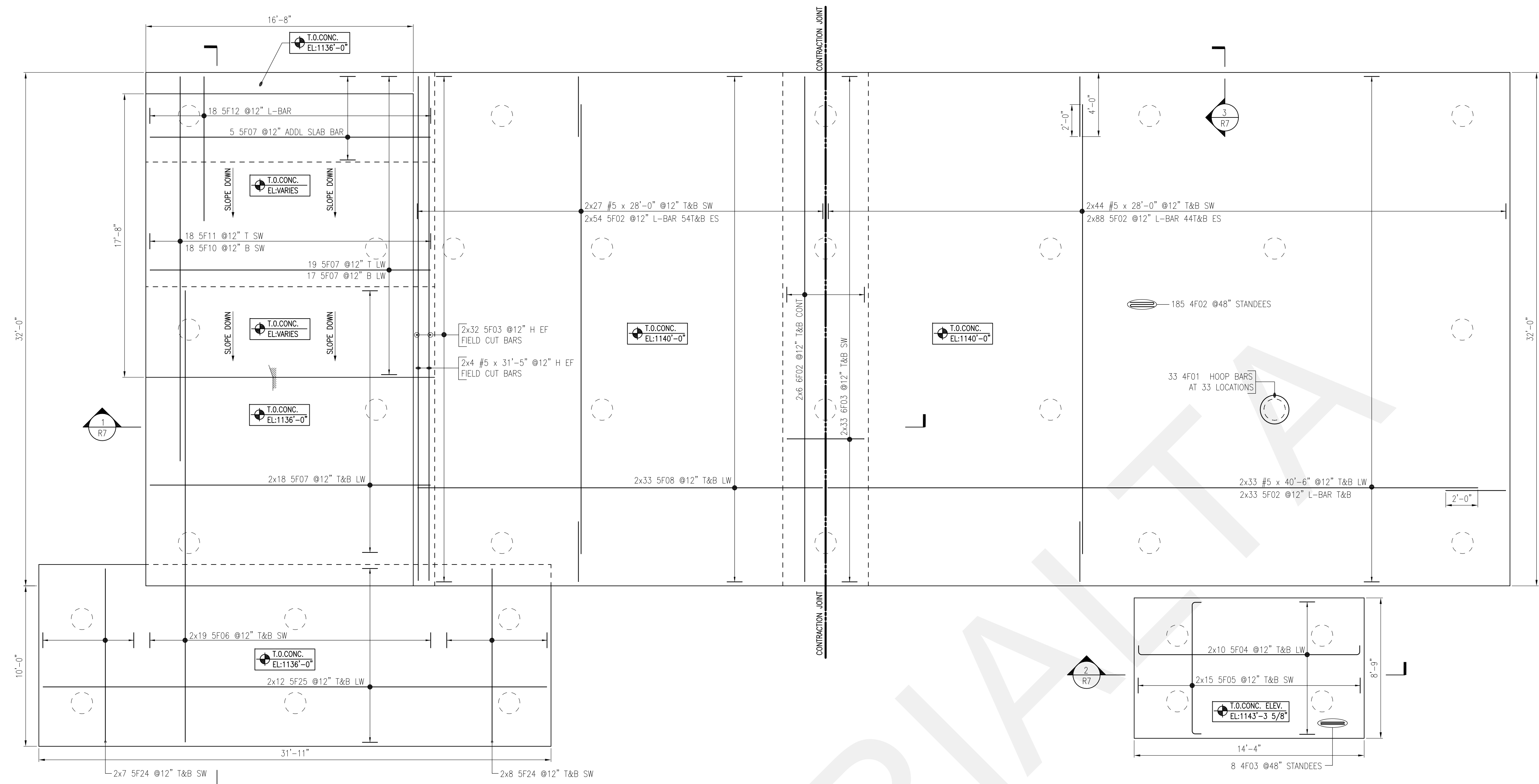
QTY PER LOCATION

BAR LENGTH (or) MARK no.

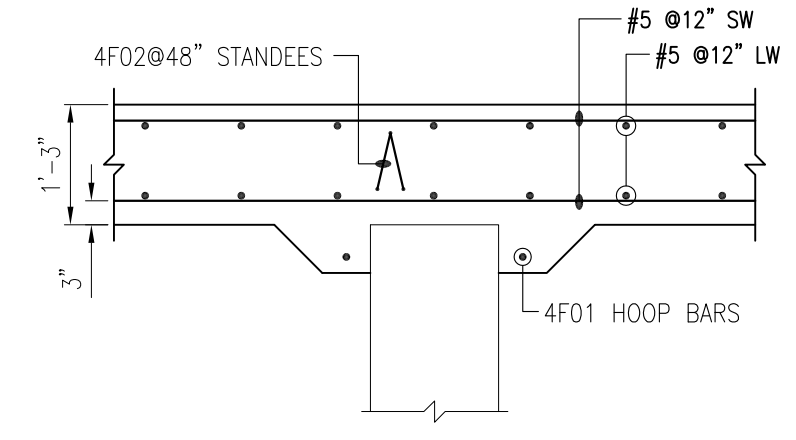
CONT: 2x1#5 20-00 (STOCK)

PLACING REMARK

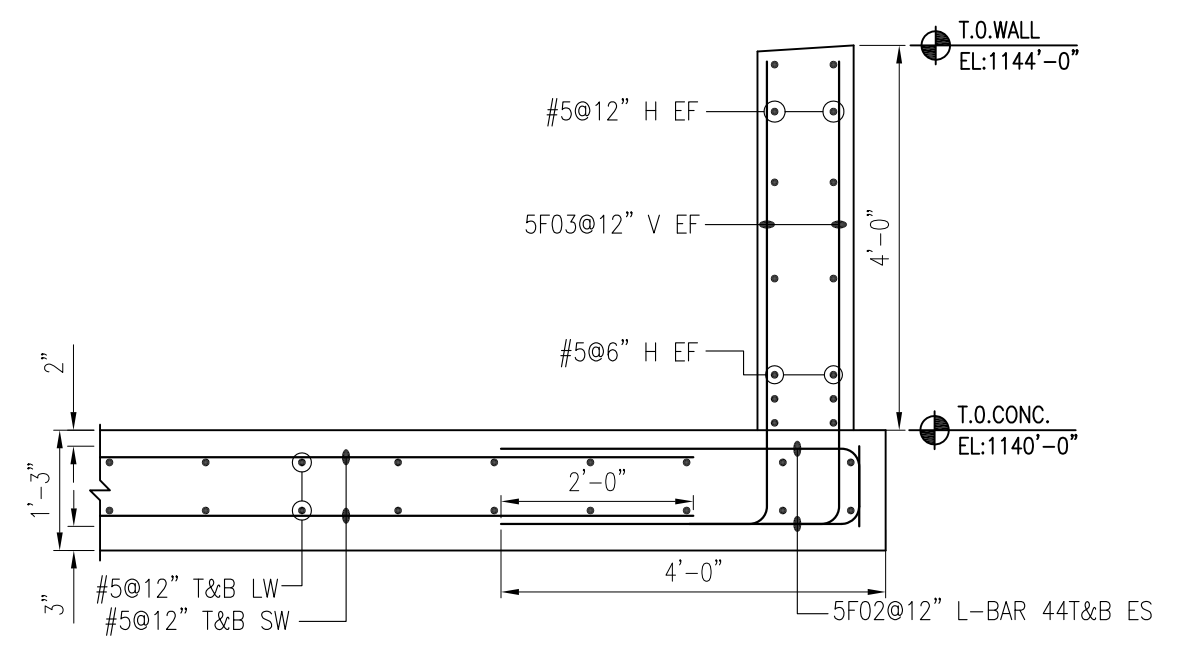
BAR SIZE



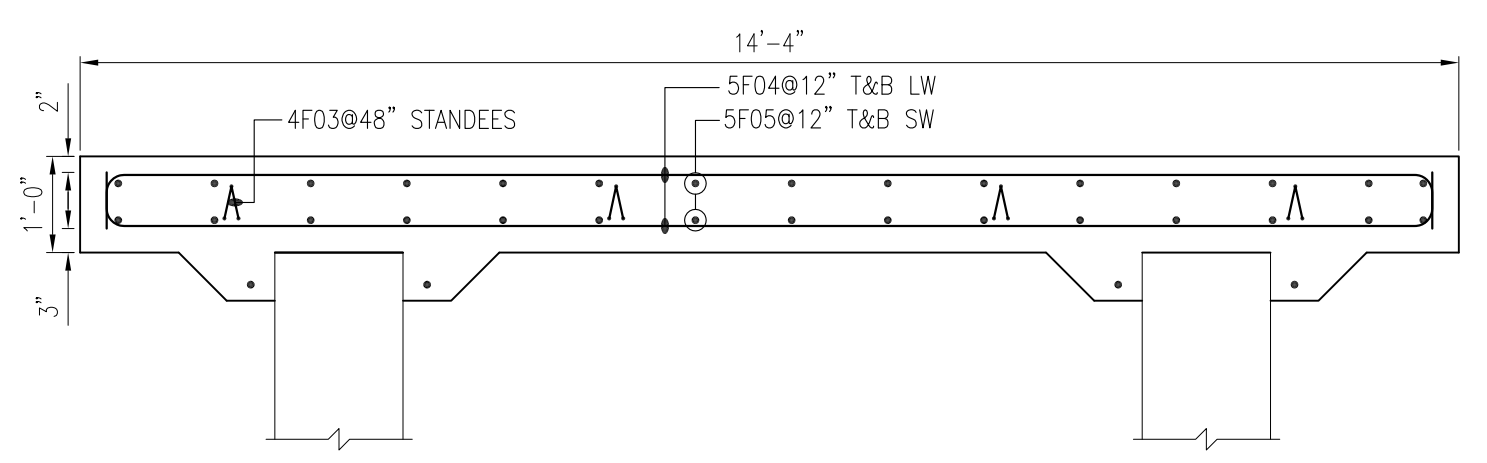
COOLING TOWER BASIN
 PLAN SHOWING FOUNDATION REINF. DETAILS
 SCALE = 1/4" = 1'-0"
 REF. SHEETS: CT-303 thru CT-210
 CDS ARE DATED ON 08/22/16



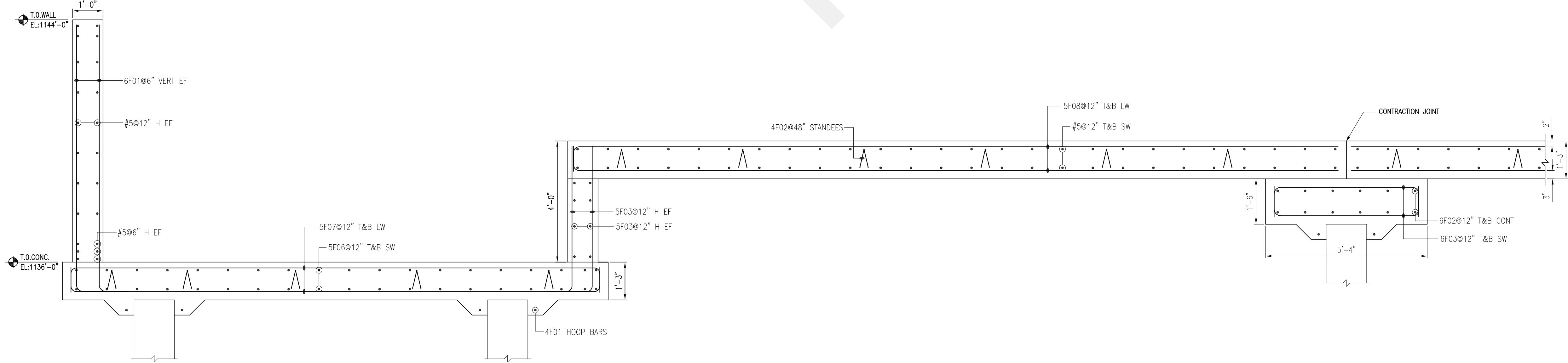
TYPICAL SLAB DETAIL
 SCALE = 1/2" = 1'-0"



SECTION 3
 SCALE = 1/2" = 1'-0" R-7



SECTION 2
 SCALE = 1/2" = 1'-0" R-7

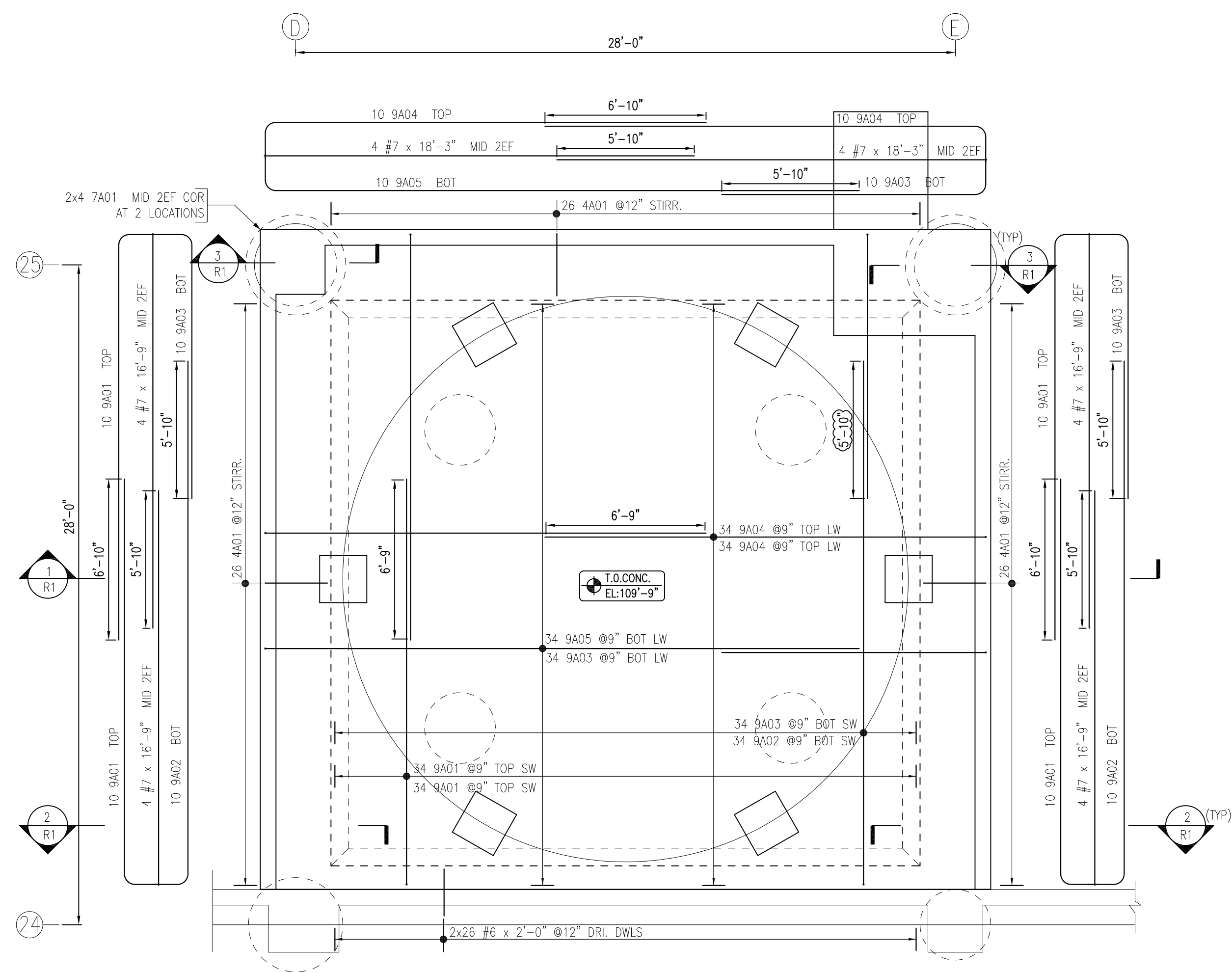


SECTION 1
 SCALE = 1/2" = 1'-0" R-7

Lap Schedule 4000 PSI		
Size	Top bars	Other bars
#3	16"	16"
#4	20"	18"
#5	24"	19"
#6	29"	22"
#7	42"	33"
#8	48"	37"

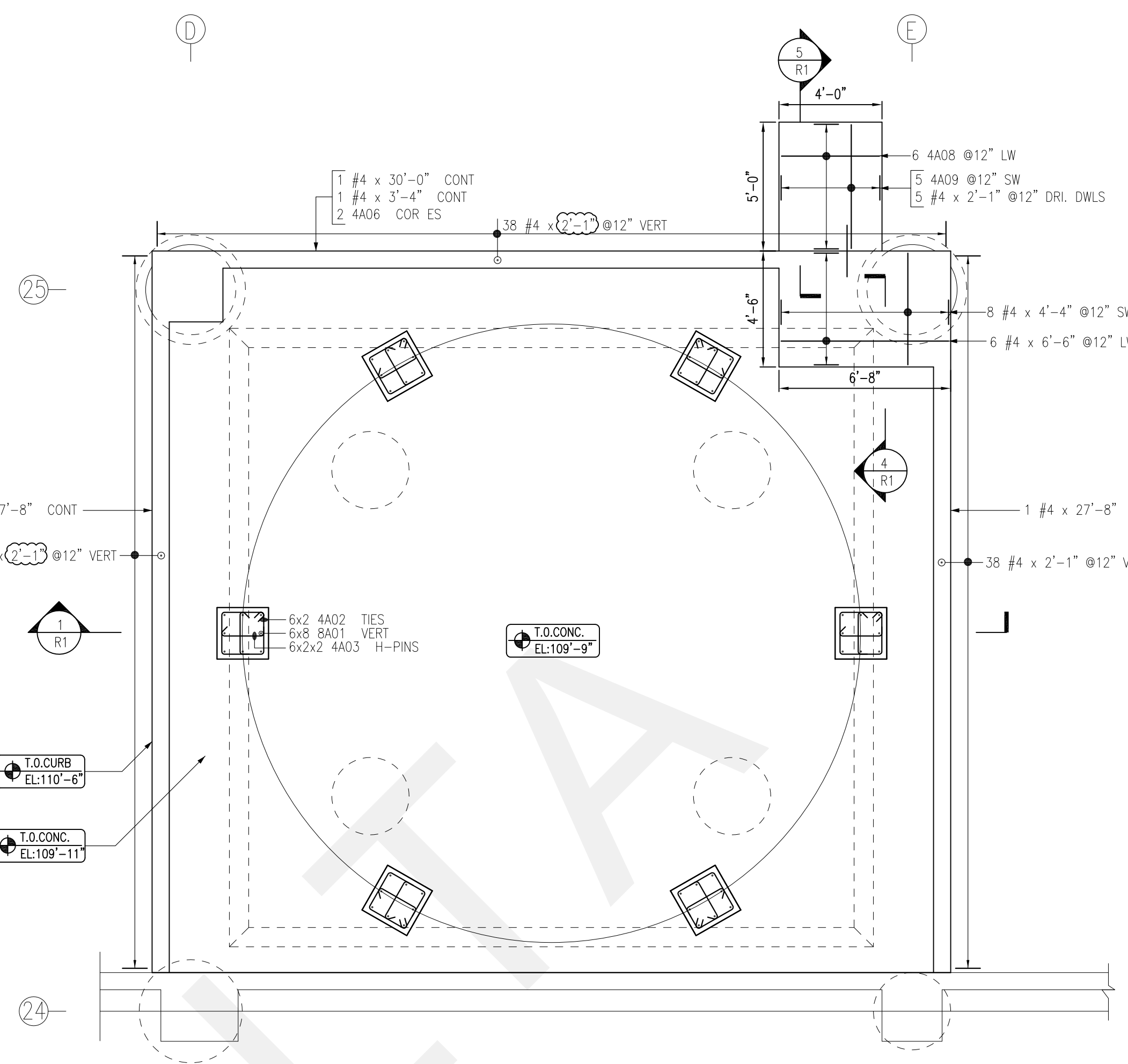
- NOTES:-**
- TYPICAL CLEARANCES
 - For Found. 3" Cover At Bottom & Sides Typ.
 - For Slab. 2" Cover At Sides Typ.
 - For Walls 1 1/2" Cover For Sides Typ.
 - PLEASE VERIFY THE ALL DIMENSIONS
 - BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 - TILT HOOK TO ACCOMMODATE THE COVER, IF NEEDED

PROJECT	CONTRACTOR	ENGINEER	REINFORCING STEEL GRADE	DATE	BY
			Grade 60 (420)		
<p>THESE REINFORCING SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH ACI DETAILING MANUAL, CRS MANUAL OF STANDARD PRACTICE, AND THE CONTRACT DOCUMENTS. THE CONTRACT DRAWINGS AND SHOP DRAWINGS TO BE USED TOGETHER WITH THE REBAR SHOP DRAWINGS FOR THE ACTUAL PLACEMENT OF THE REINFORCING STEEL. THIS DRAWING AND ALL SPECIFICATIONS HERE-ON ARE THE PROPERTY OF SCF CO. AND MAY NOT BE DISCLOSED WITHOUT ITS PRIOR WRITTEN CONSENT. THIS DRAWING PERTAINS TO THE PROJECT MENTIONED IN THE TITLE BLOCK AND MAY NOT BE USED FOR ANY OTHER PROJECT.</p>					
<p>THIS DRAWING IS NOT TO BE SCALED</p>					
<p>DATE DRAWN</p>					
<p>CONTRACTOR</p>					
<p>ENGINEER</p>					
<p>REINFORCING STEEL GRADE</p>					
<p>Grade 60 (420)</p>					
<p>THIS DRAWING IS NOT TO BE SCALED</p>					
<p>REVISIONS</p>					
<p>NO. DESCRIPTION</p>					
<p>DATE</p>					
<p>BY</p>					



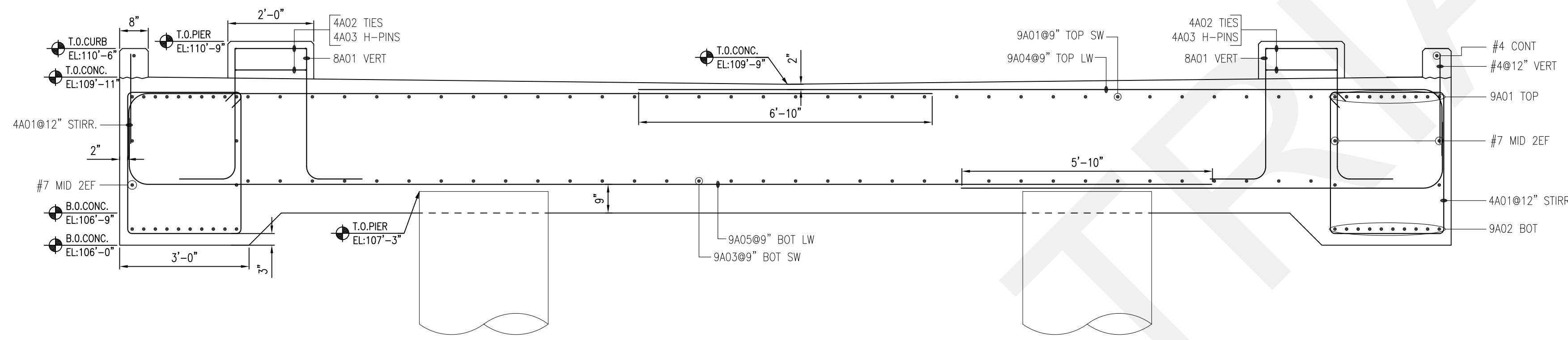
DETAIL - A

SCALE = 1/4" = 1'-0"
 REF SHEETS: SP-894-126-110
 CDS ARE DATED ON 04/13/16

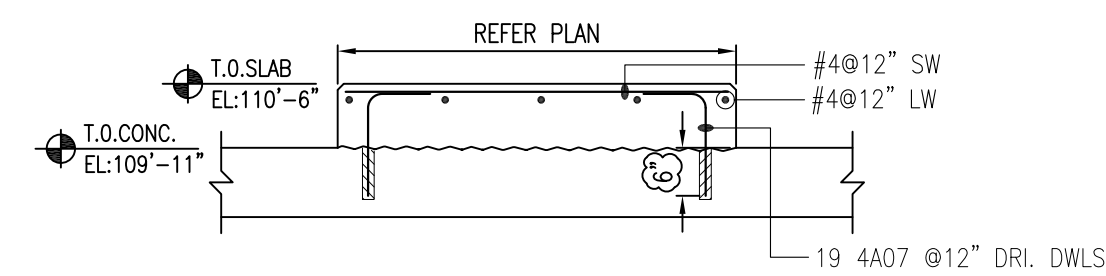


DETAIL - A

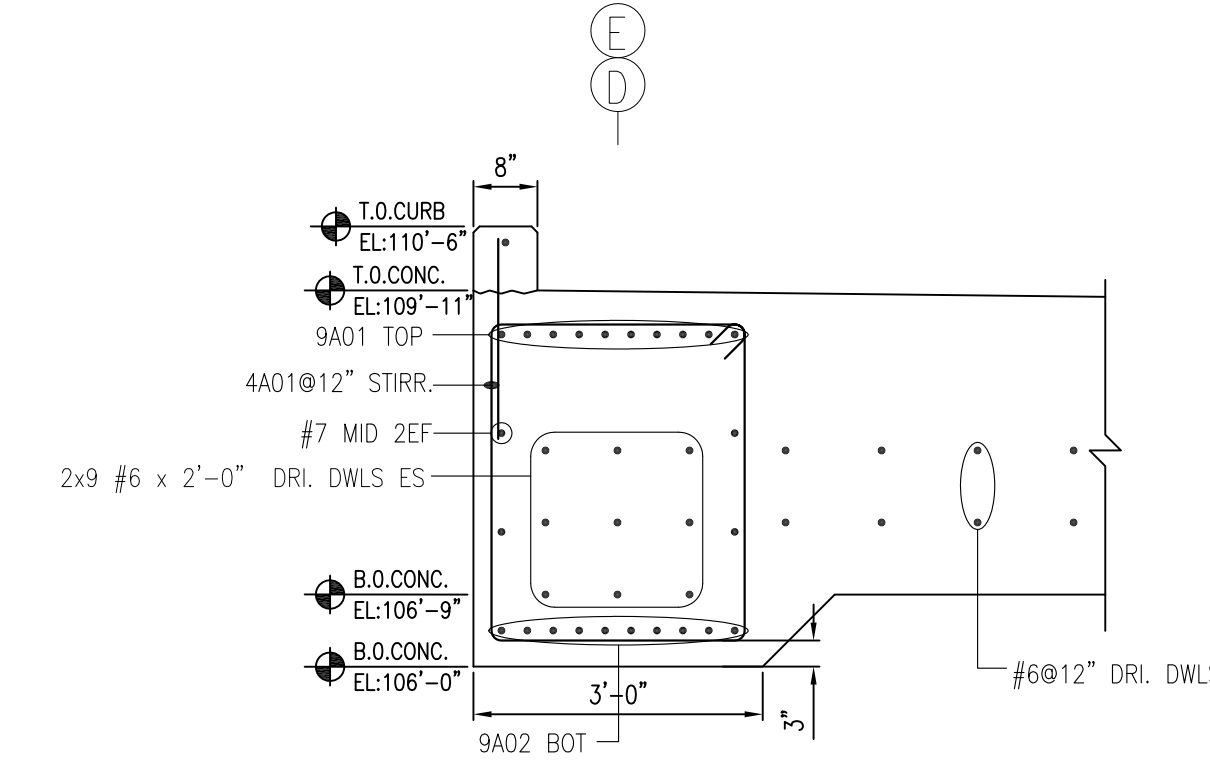
SCALE = 1/4" = 1'-0"
 REF SHEETS: SP-894-126-110
 CDS ARE DATED ON 04/13/16



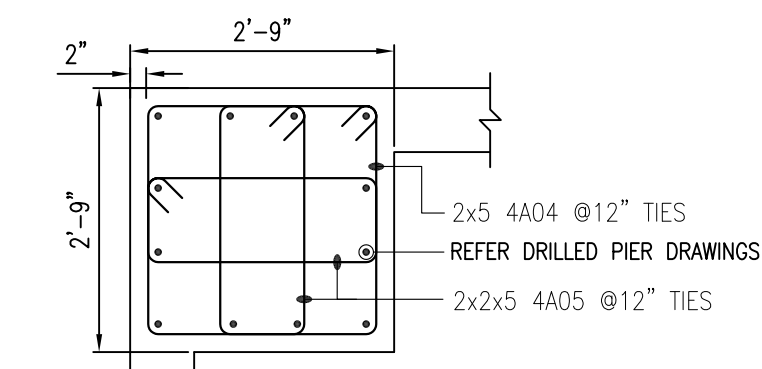
SECTION 1
 SCALE = 1/2" = 1'-0" R-1



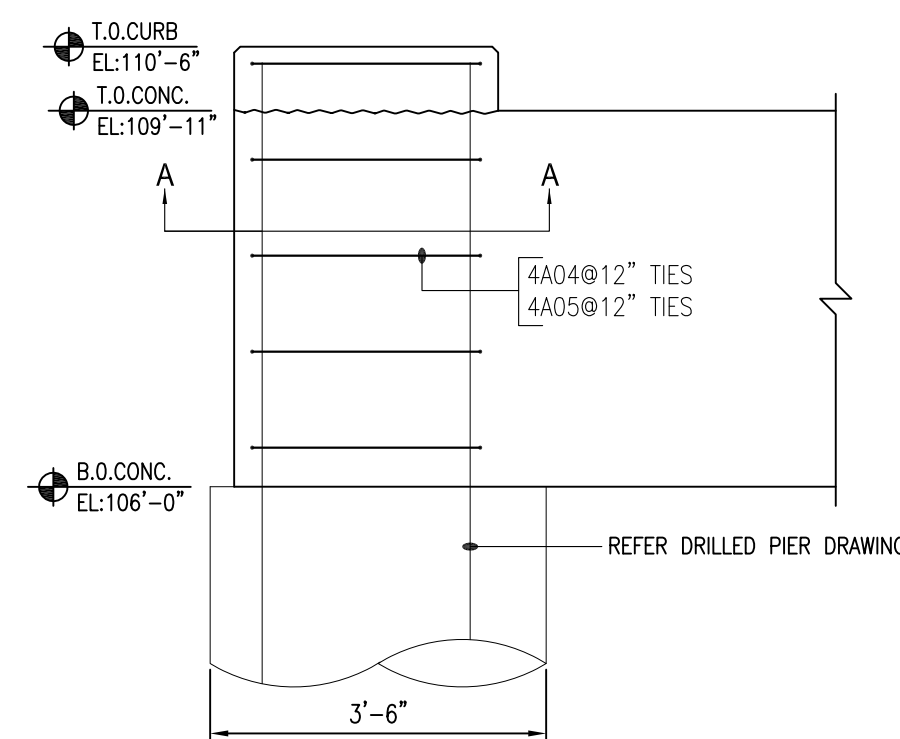
SECTION 4
 SCALE = 1/2" = 1'-0" R-1



SECTION 2
 SCALE = 1/2" = 1'-0" R-1



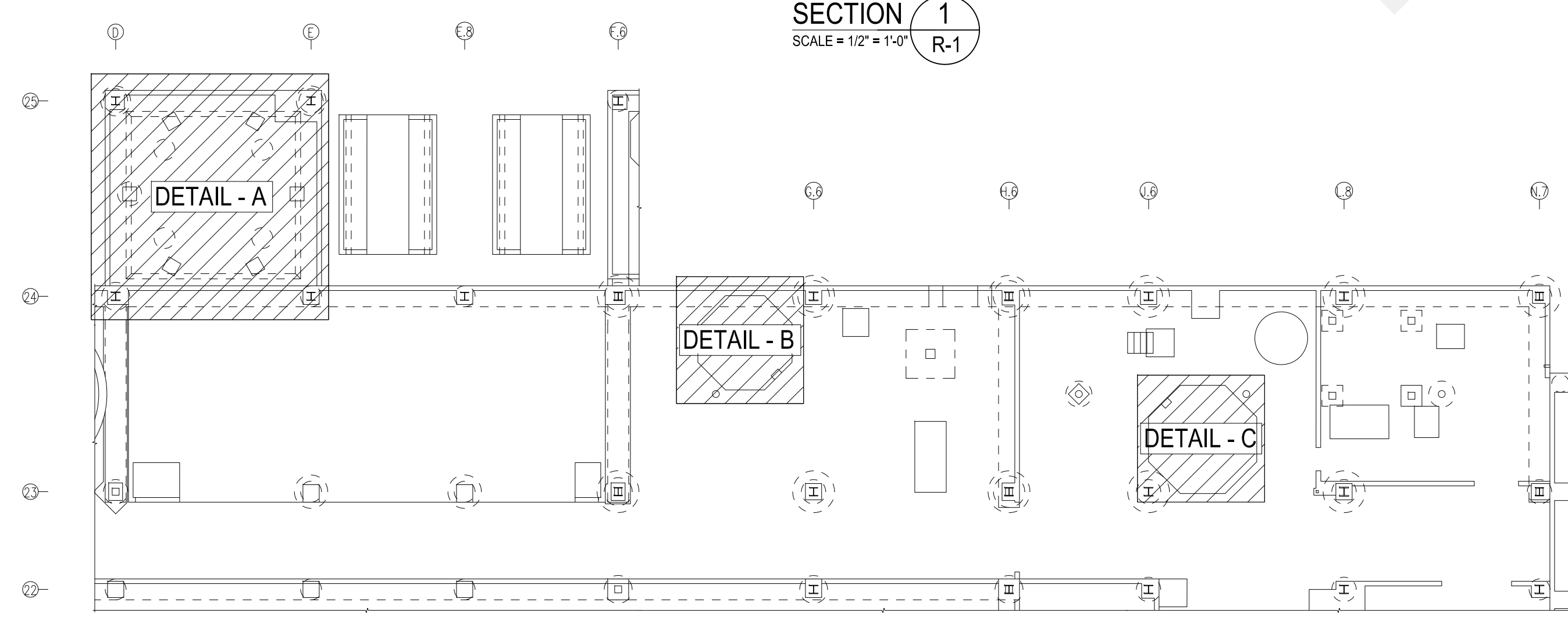
SECTION A-A
 SCALE = 1/2" = 1'-0"



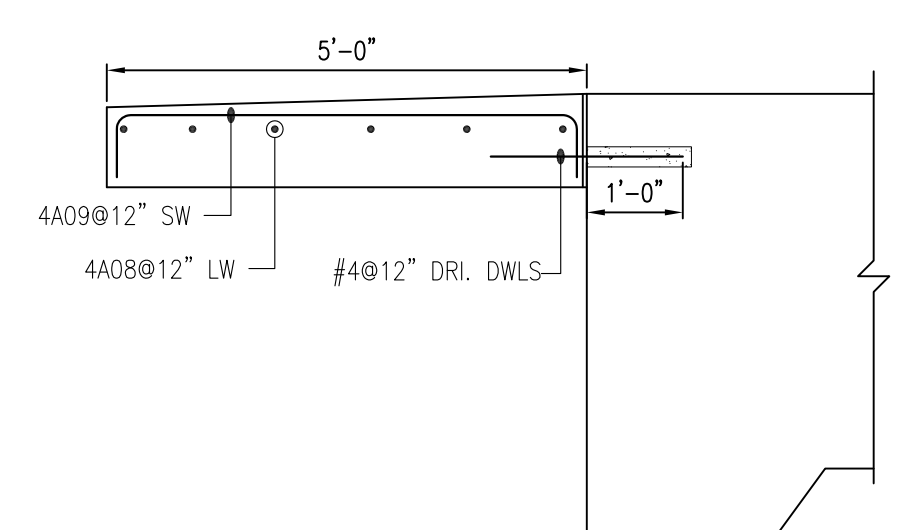
SECTION 3
 SCALE = 1/2" = 1'-0" R-1
 2 LOCATIONS

Lap Schedule		
Size	Top bars	Other bars
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"
#9	91"	70"
#10	102"	79"
#11	113"	87"

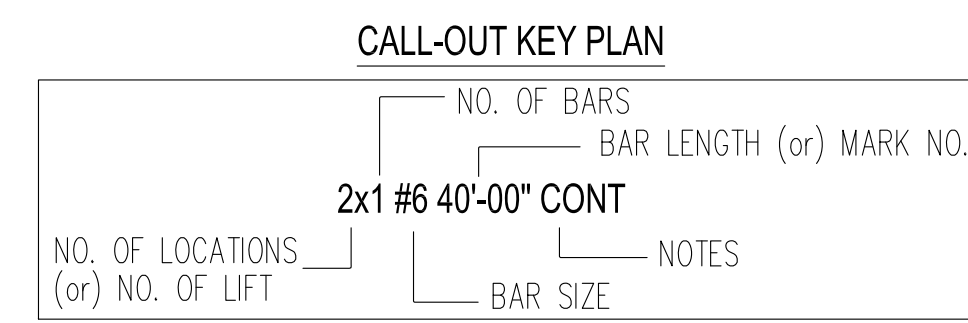
- NOTES:-**
- TYPICAL CLEARANCES
 - For Beam 3" Cover At Bottom Typ.
 - For Beam 2" Cover At Sides & Top Typ.
 - For Pier Ties 2" Cover For Sides Typ.
 - For Slab 2" Cover For All Top & Sides Typ.
- PLEASE REFER TO ALL COVERED TIES**
4. BARS TO BE PLACED AT EQUAL SPACING U.O.N.
 5. TILT HOOK TO ACCOMMODATE THE COVER, IF NEED



AREA KEYPLAN
 SCALE = NTS
 AREA 125, 126, 133 & 145



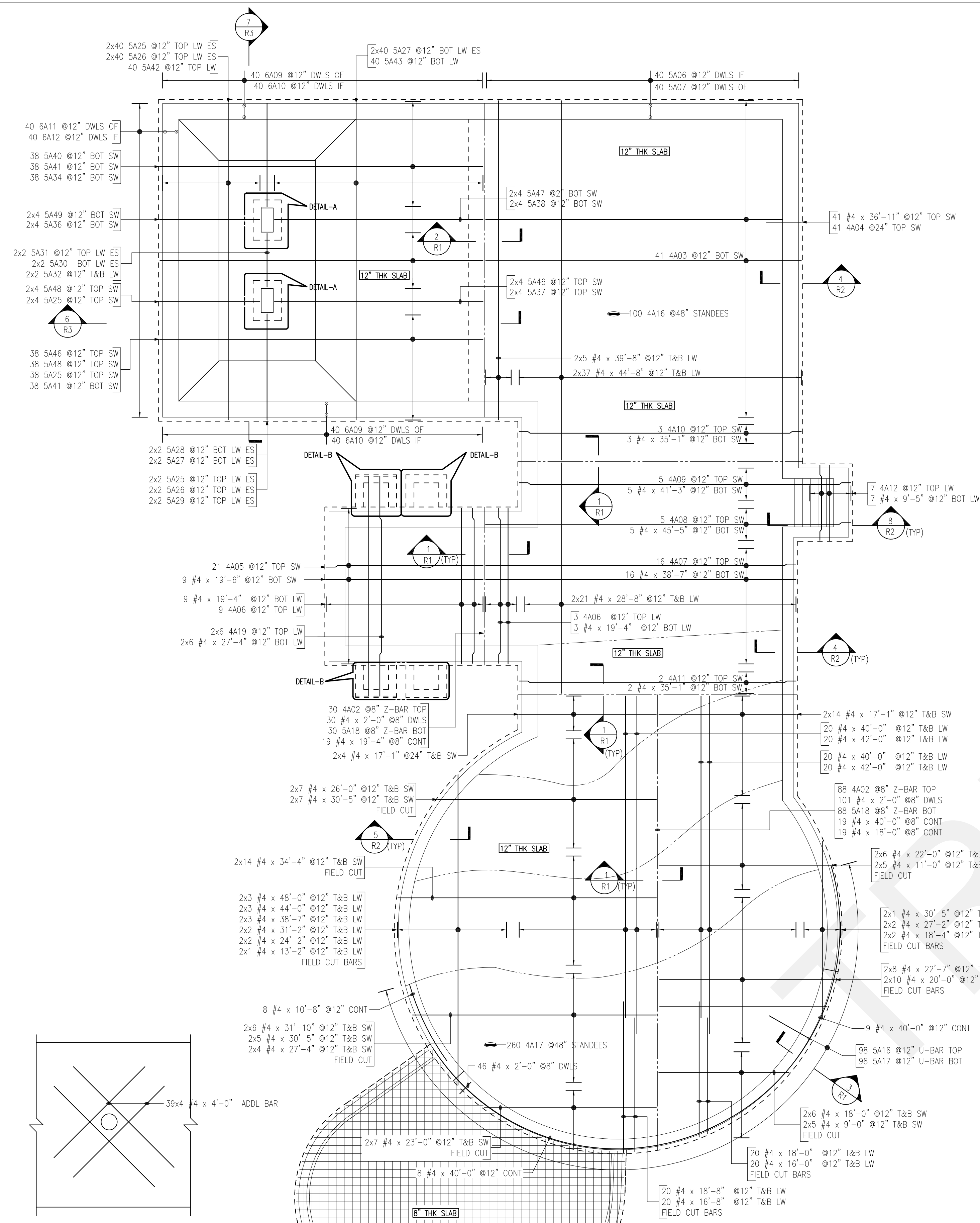
SECTION 5
 SCALE = 1/2" = 1'-0" R-1



ALL MATERIAL ON THIS DRAWING
 ASTM A615
 GRADE 60 BLACK U.O.N.

FOR APPROVAL

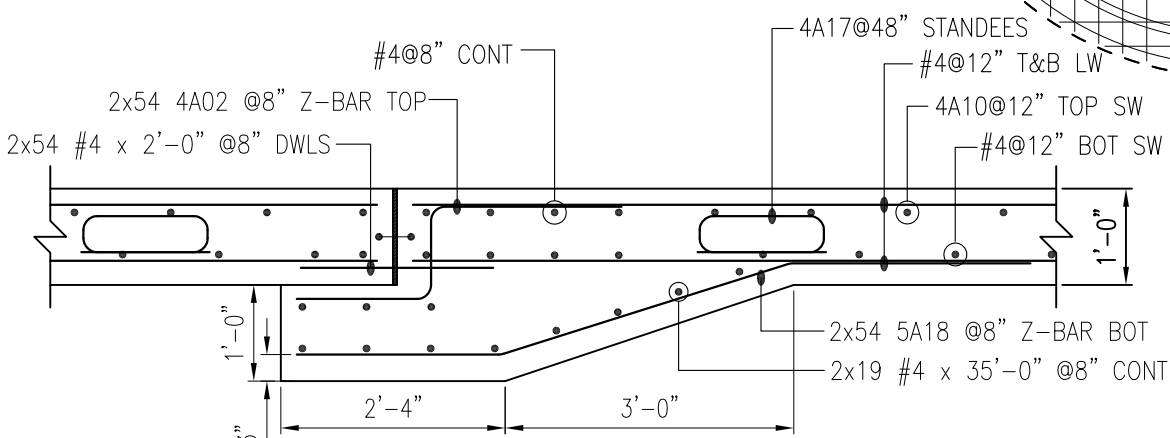
Lap Table	
48 Bar Dia	
#3	18"
#4	24"
#5	30"
#6	36"
#7	42"
#8	48"
#9	55"
#10	61"
#11	68"



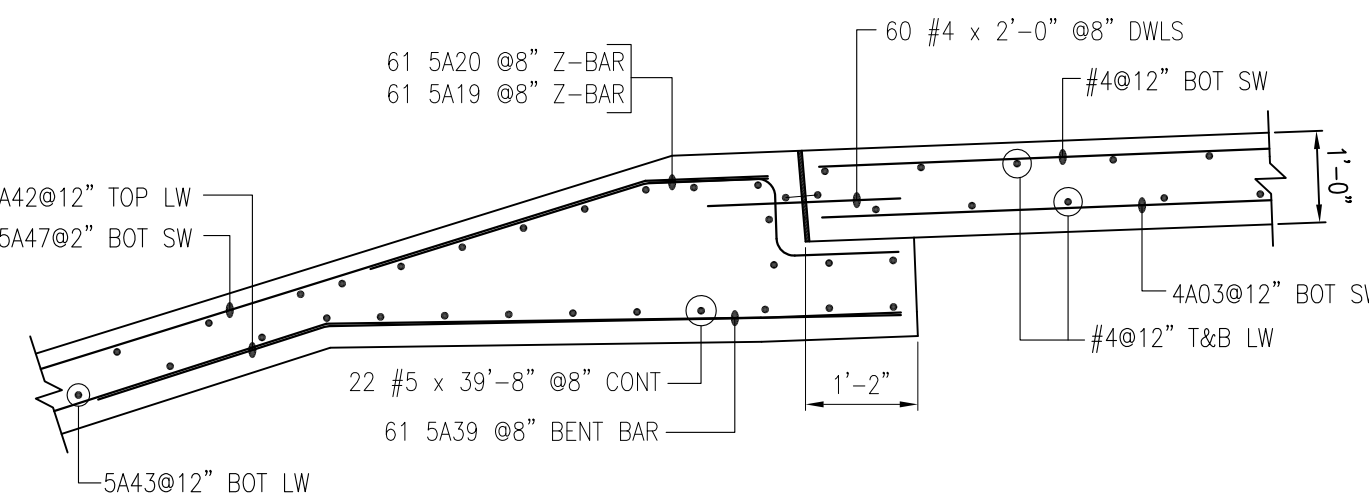
FLOOR PENETRATION REINF.

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

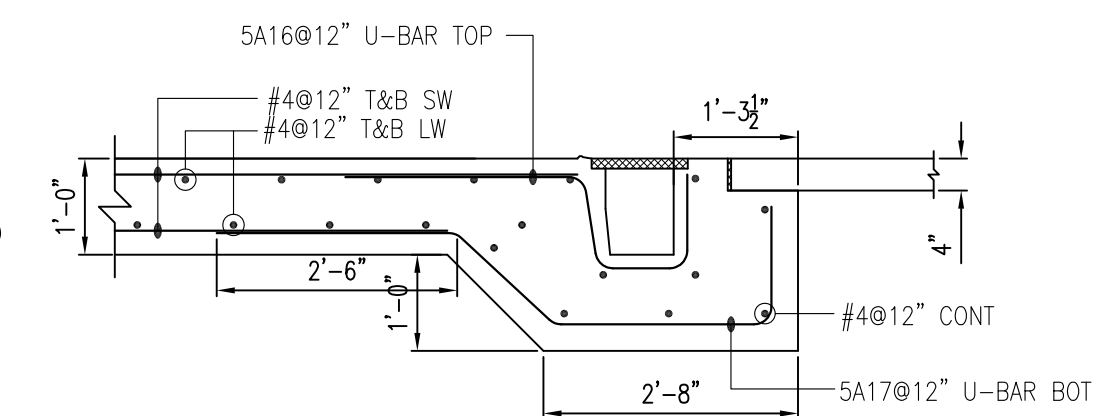
AT 39 LOCATIONS



MAIN POOL PLAN
(PLAN SHOWING SLAB REINFORCEMENT DETAILS)
SCALE = 1/8" = 1'-0"
REF SHEETS: P1.1 thru P6.1
CDS ARE DATED ON 06/23/16



MAIN POOL PLAN
(PLAN SHOWING WALL REINFORCEMENT DETAILS)
SCALE = 1/8" = 1'-0"
REF SHEETS: P1.1 thru P6.1
CDS ARE DATED ON 06/23/16

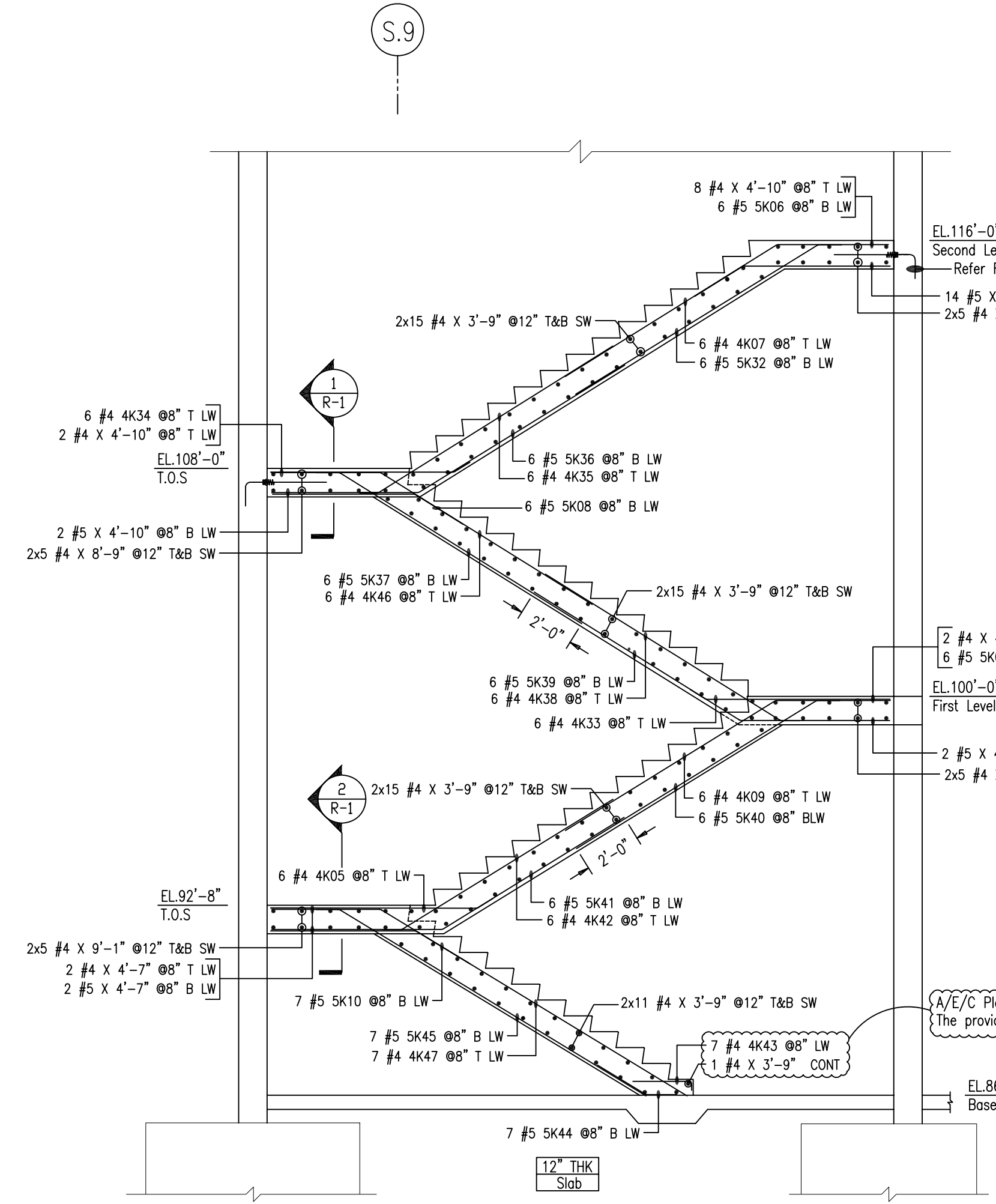


PIPE EMBEDDED
SCALE = 1/2" = 1'-0"

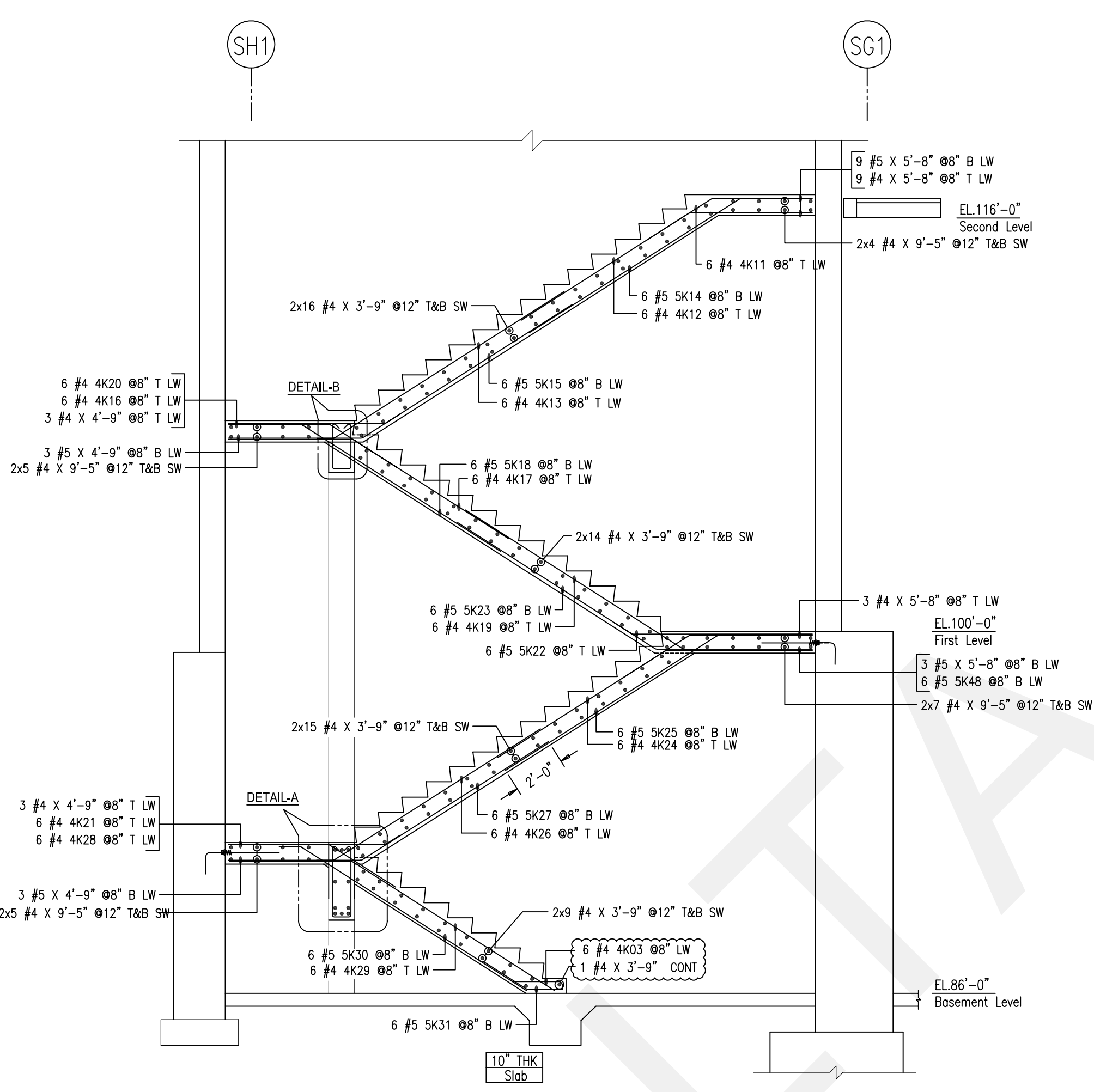
SECTION 2
SCALE = 1/2" = 1'-0" R-1

SECTION 3
SCALE = 1/2" = 1'-0" R-1

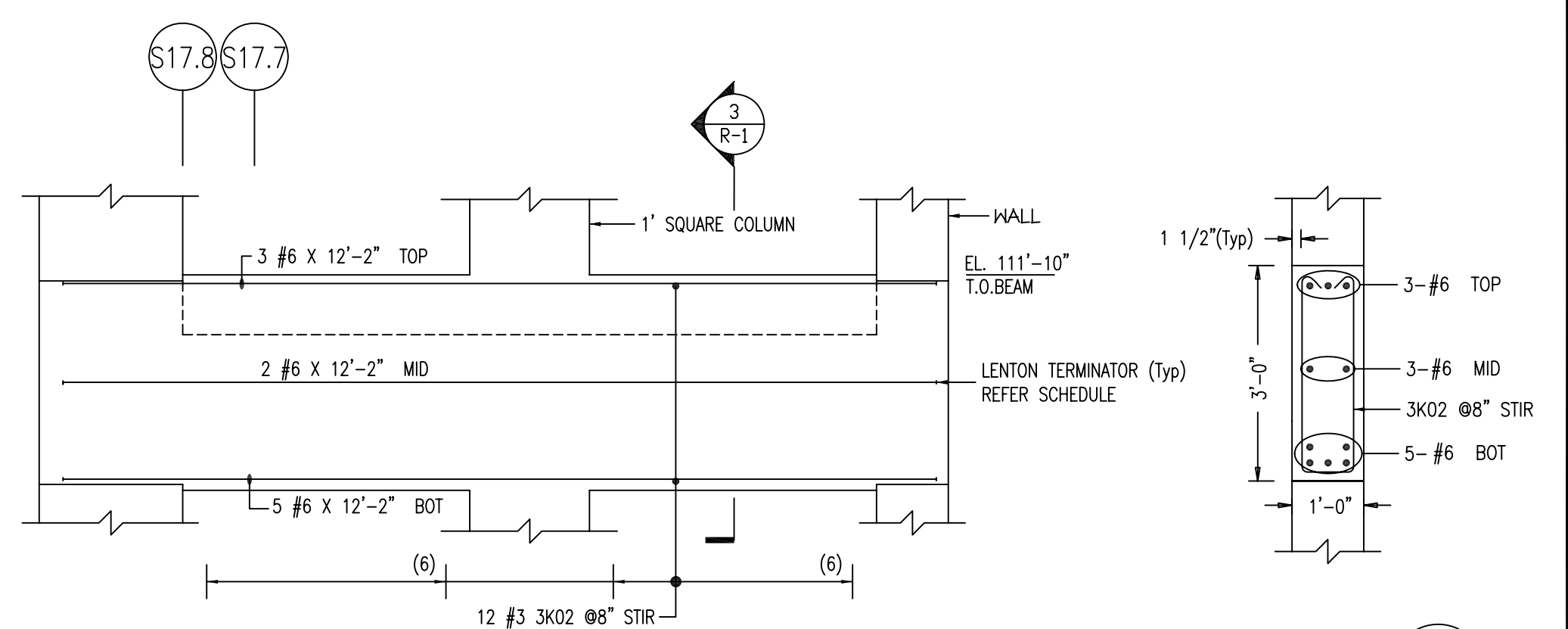
PROJECT	LOCATION	PROJECT NO.	DRAWING NO.	REVISIONS	DATE	BY
				1		
				2		
				3		
				4		
				5		
				6		



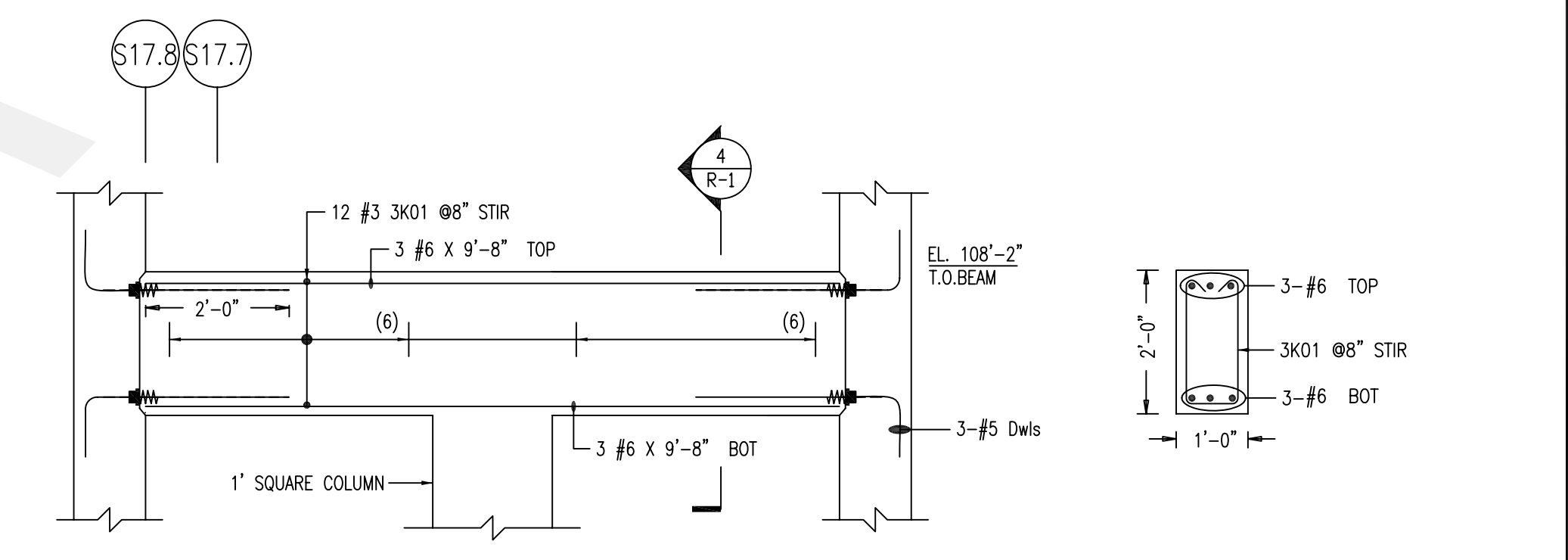
STAIR-1
SCALE = 1/4" = 1'-0"
REF: S-108B-A, S-203-7B, S-203-A



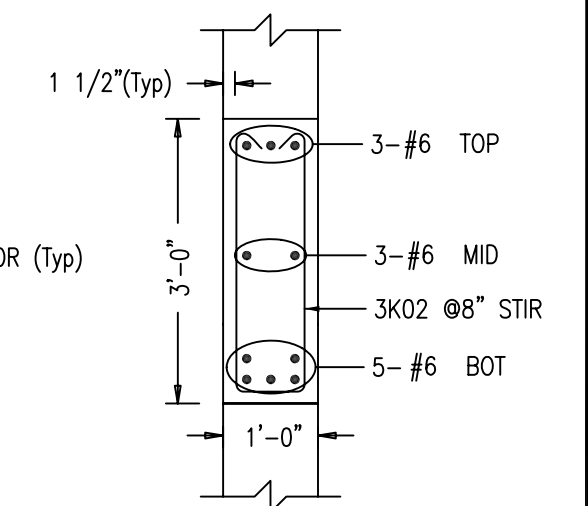
STAIR-2
SCALE = 1/4" = 1'-0"
REF: S-108A-S-202



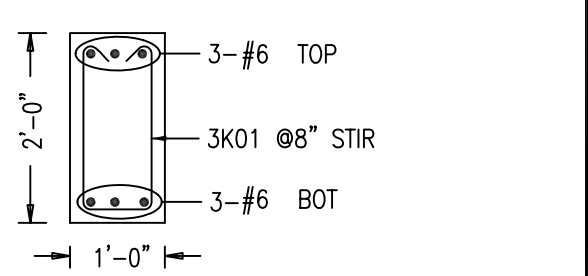
DETAIL-A
SCALE = 1/4" = 1'-0"



DETAIL-B
SCALE = 1/4" = 1'-0"



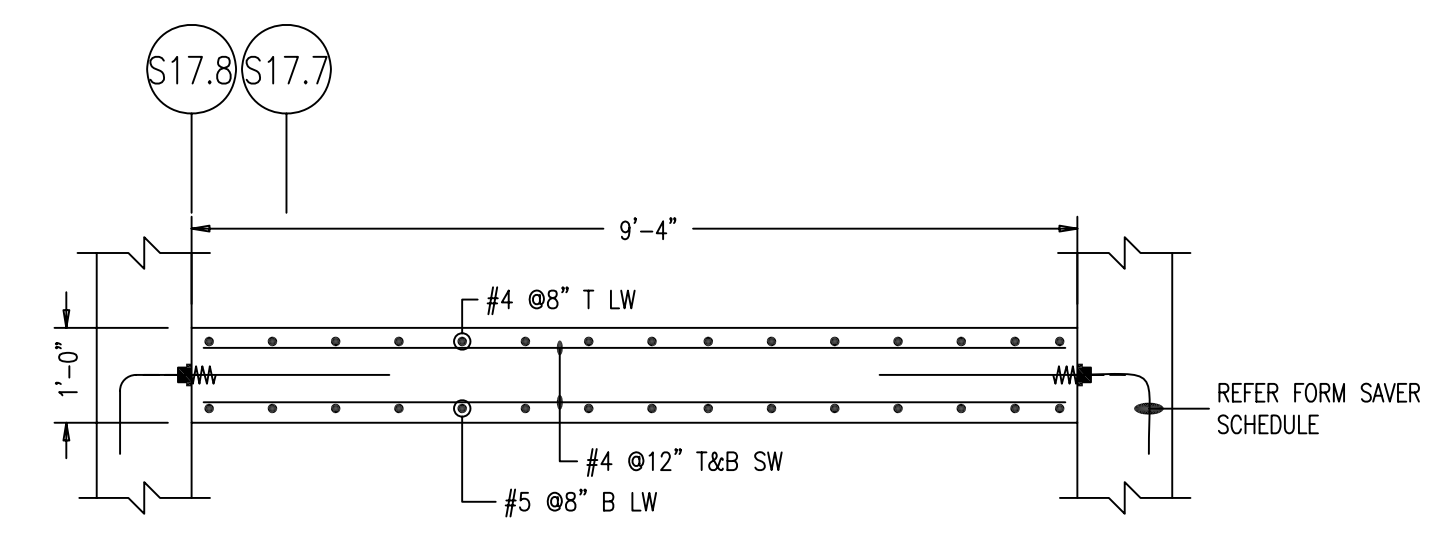
SECTION 3
SCALE = 1/2" = 1'-0"
REF: E5/S-307



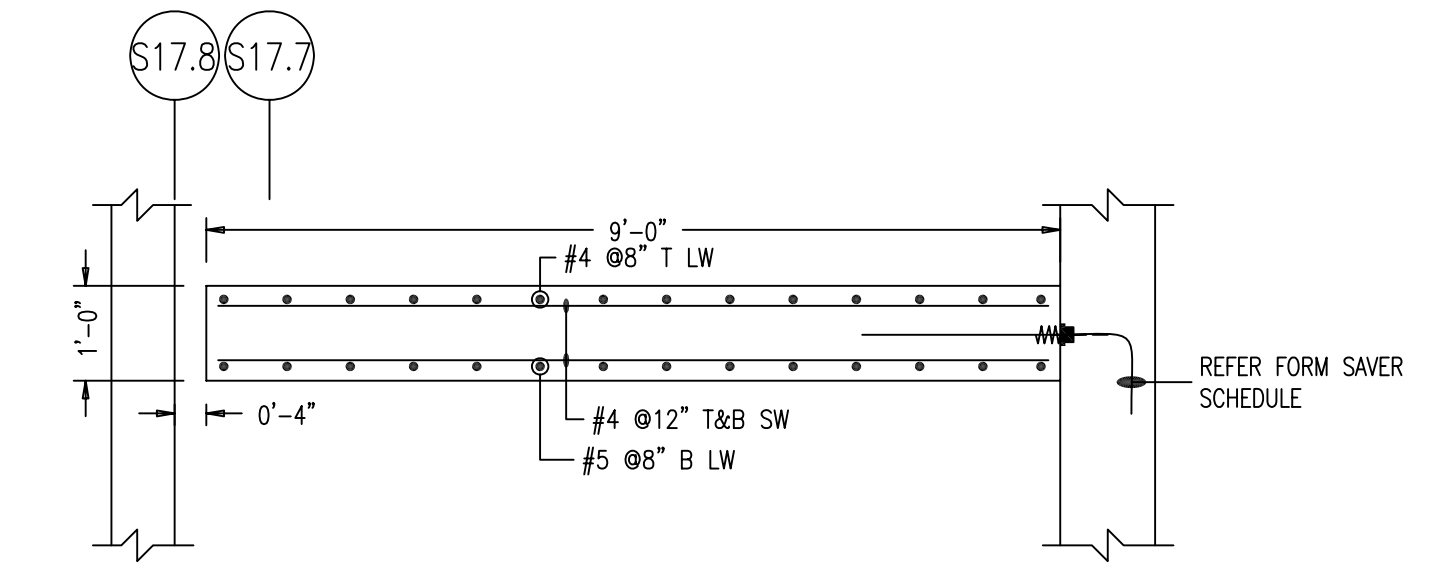
SECTION 4
SCALE = 1/2" = 1'-0"
REF: E1/S-307

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 U.N.O.

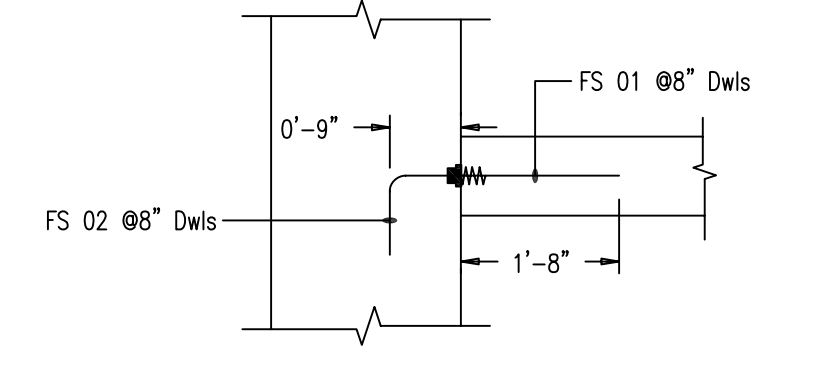
Release Number: STAIR		BAR LIST															
Bar Mark	Qty	Size	Total Length	Typ e	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'	Weight'
4K43	7	#4	2'-5"	2	4"	2'-11"											11.30
4K03	6	#4	2'-3"	2	4"	1'-11"											9.02
4K24	6	#4	13'-6 1/2"	3	4'-9"	8'-9 1/2"						4'-9 3/4"	7'-4 3/4"	12'-1 3/4"			54.28
5K45	7	#5	13'-5"	3	10"	12'-7"						6'-7"	10'-8 3/4"	11'-6 3/4"			97.96
4K42	6	#4	9'-4 1/2"	3	8"	8'-8 3/4"						4'-7 3/4"	7'-4 3/4"	8'-3 3/4"			37.58
4K38	6	#4	10'-4 1/2"	3	8"	9'-8 3/4"						5'-2"	8'-2 3/4"	8'-10 3/4"			41.58
5K36	6	#5	13'-8"	3	5'-2"	8'-6"						4'-6 3/4"	7'-2 3/4"	12'-4 3/4"			85.53
4K35	6	#4	10'-4 1/2"	3	8"	9'-8 3/4"						5'-2"	8'-2 3/4"	8'-10 3/4"			41.58
4K34	6	#4	7'-1 1/2"	3	8"	6'-5 1/2"						3'-5"	5'-5 3/4"	6'-1 3/4"			28.47
5K32	6	#5	10'-9 3/4"	3	10"	9'-11 3/4"						5'-3 3/4"	8'-5 3/4"	9'-3 3/4"			67.66
5K44	7	#5	3'-3 3/4"	3	1'-1"	1'-11 3/4"						1'-1"	1'-8"	2'-9"			22.36
4K33	6	#4	7'-1 1/2"	3	8"	6'-5 1/2"						3'-5 3/4"	5'-5 3/4"	6'-1 3/4"			28.56
5K31	6	#5	3'-4 1/2"	3	1'-4 1/2"	1'-11 3/4"						1'-1 1/2"	1'-7 3/4"	3'-3 3/4"			20.99
5K30	6	#5	11'-2 1/2"	3	10"	10'-4 1/2"						5'-7 3/4"	8'-8 3/4"	9'-6 3/4"			70.01
4K29	6	#4	14'-3 3/4"	3	4'-9"	9'-3 3/4"						5'-3 3/4"	7'-9 3/4"	12'-6 3/4"			56.20
4K28	6	#4	6'-11 3/4"	3	3'-1"	3'-10 3/4"						2'-1 3/4"	3'-2 3/4"	6'-3 3/4"			27.81
5K27	6	#5	13'-8 3/4"	3	8'-6 3/4"	5'-1 3/4"						2'-9 3/4"	4'-3 3/4"	12'-10 3/4"			85.79
4K26	6	#4	10'-1 1/2"	3	8"	9'-5 1/2"						5'-1 3/4"	7'-11 3/4"	8'-7 3/4"			40.66
5K25	6	#5	10'-6 3/4"	3	10"	9'-8 3/4"						5'-3"	8'-2"	9'-0"			65.97
5K48	6	#5	7'-7 3/4"	3	5'-8"	1'-11 3/4"						1'-1 1/2"	1'-7 3/4"	7'-3 3/4"			47.85
5K23	6	#5	15'-1 1/2"	3	6'-3 3/4"	9'-1"						4'-11 3/4"	7'-7 3/4"	13'-8 3/4"			94.78
5K22	6	#5	7'-9 3/4"	3	10"	6'-11 3/4"						3'-9 3/4"	5'-10"	6'-8"			48.76
4K21	6	#4	6'-8 3/4"	3	8"	6'-3 3/4"						3'-3 3/4"	5'-1"	5'-9"			26.89
4K20	6	#4	6'-11 3/4"	3	3'-10 3/4"	3'-3 3/4"						1'-8 3/4"	2'-6 3/4"	6'-5 3/4"			27.89
4K19	6	#4	10'-8"	3	8"	10'-0"						5'-5"	8'-5"	9'-1"			42.75
5K18	6	#5	9'-11 3/4"	3	10"	9'-1 1/2"						4'-11 3/4"	7'-8"	8'-6"			62.32
4K17	6	#4	11'-11 3/4"	3	4'-9 3/4"	7'-1 1/2"						3'-10 3/4"	6'-0"	10'-9 3/4"			47.85
4K16	6	#4	6'-8 3/4"	3	8"	6'-3 3/4"						3'-3 3/4"	5'-1 3/4"	5'-9 3/4"			26.97
5K15	6	#5	14'-9 3/4"	3	5'-2"	9'-7 3/4"						5'-2 3/4"	8'-1 3/4"	13'-3 3/4"			92.57
5K14	6	#5	10'-6 3/4"	3	10"	9'-8"						5'-2 3/4"	8'-1 3/4"	8'-11 3/4"			65.71
4K13	6	#4	11'-2 1/2"	3	8"	10'-6 3/4"						5'-8 3/4"	8'-10 3/4"	9'-6 3/4"			44.92
4K12	6	#4	12'-5 1/2"	3	4'-9"	7'-8 3/4"						4'-2 3/4"	6'-5 3/4"	11'-2 3/4"			49.93
4K11	6	#4	6'-10 3/4"	3	3'-10 3/4"	3'-3 3/4"						1'-8"	2'-6 3/4"	6'-5"			27.64
5K10	7	#5	7'-3 3/4"	3	2'-2 3/4"	5'-1"						2'-8 3/4"	4'-4"	6'-6 3/4"			53.39
4K47	7	#4	16'-5"	3	3'-10"	12'-7"						6'-7"	10'-8 3/4"	14'-6 3/4"			76.76
4K09	6	#4	12'-8 3/4"	3	4'-3 3/4"	8'-8"						4'-7 3/4"	7'-4 3/4"	11'-4 3/4"			50.85
4K46	6	#4	12'-7"	3	3'-10"	8'-9"						4'-8"	7'-5"	11'-3"			50.43
5K08	6	#5	7'-0"	3	5'-0"	2'-0"						1'-1 3/4"	1'-8"	6'-8"			43.81
4K07	6	#4	12'-8"	3	3'-11"	8'-9"						4'-8"	7'-5"	11'-4"			50.77
5K06	6	#5	7'-2"	3	2'-0"	5'-2"						2'-9 3/4"	4'-4 3/4"	6'-4 3/4"			44.85
4K05	6	#4	7'-10 3/4"	3	8"	7'-2 3/4"						3'-10"	6'-1 3/4"	6'-9 3/4"			31.65
5K04	6	#5	7'-2 3/4"	3	2'-0"	5'-2 3/4"						2'-9 3/4"	4'-5"	6'-5"			45.11
5K41	6	#5	13'-5 1/2"	3	6'-0"	7'-5 3/4"						3'-11 3/4"	6'-4 3/4"	12'-4 3/4"			84.35
5K40	6	#5	10'-8 3/4"	3	10"	9'-10 3/4"						5'-2 3/4"	8'-4 3/4"	9'-2 3/4"			67.01
5K39	6	#5	13'-9 3/4"	3	5'-3"	8'-6 3/4"						4'-6 3/4"	7'-2 3/4"	12'-5 3/4"			86.18
5K37	6	#5	10'-10"	3	10"	10'-0"						5'-4"	8'-5 3/4"	9'-3 3/4"			67.80
3K02	12	#3	6'-11"	S3	4"	2'-9"	9"	2'-9"				4"	2 1/2"				31.21
3K01	12	#3	4'-11"	S3	4"	1'-9"	9"	1'-9"				4"	2 1/2"				22.18



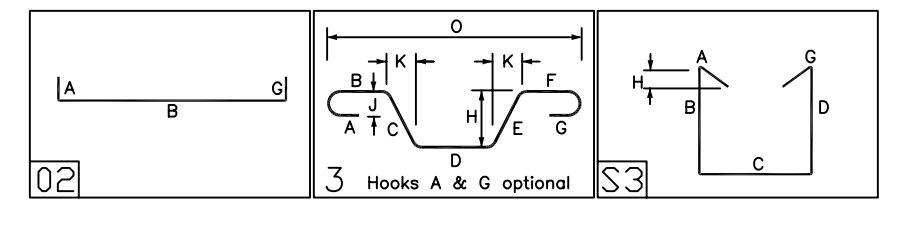
SECTION 1
SCALE = 1/2" = 1'-0"
REF: E4/S-305



SECTION 2
SCALE = 1/2" = 1'-0"
REF: A1/S-305



TYPICAL FORM SAVER DETAIL



Provide 1 1/2" Cover For Slab Reinforcement at all sides -Typical

LAP SCHEDULE 4000 PSI (CLASS-B)

Size	Top	Others
#3	16"	16"
#4	20"	16"
#5	24"	19"
#6	29"	22"
#7	48"	37"
#8	60"	47"
#9	74"	57"

A/E/C Please verify the lap provided

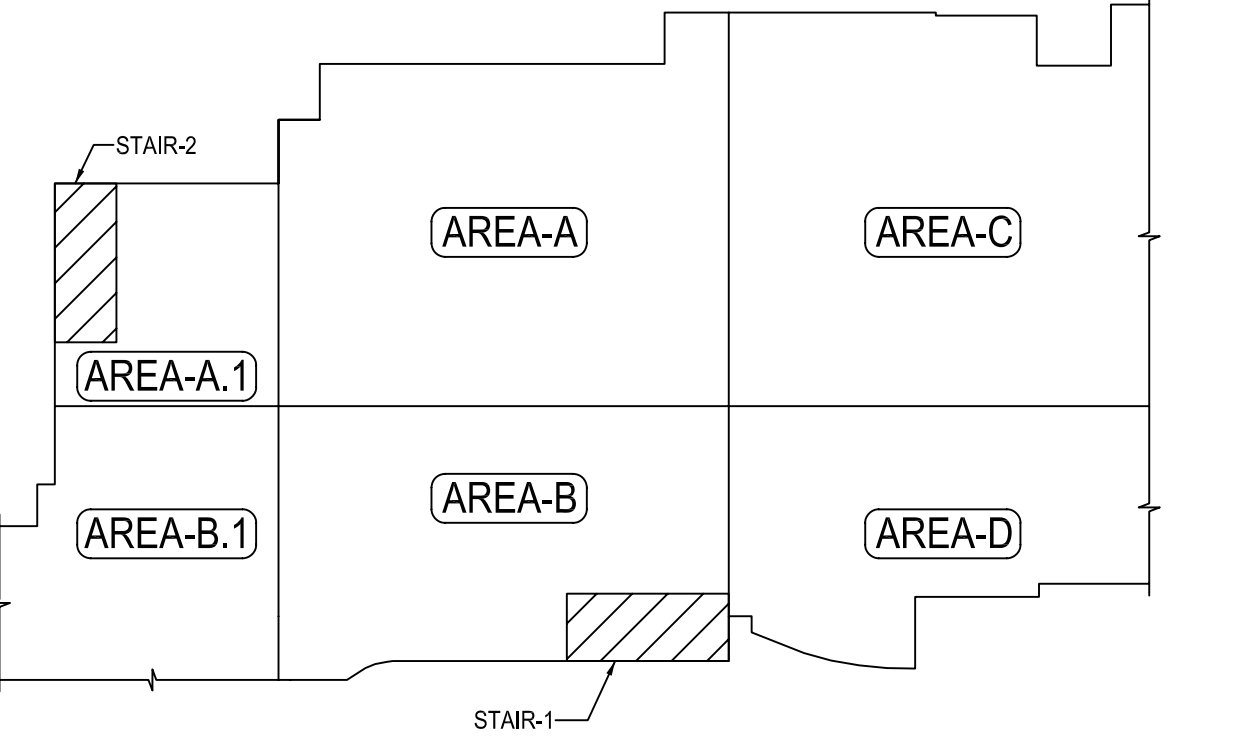
A/E/C Please verify provided items (typ)

LENTON TERMINATOR - D16 SCHEDULE

LOCATIONS	PART NO	SHAPE	QTY
BEAM AT DETAIL-A	EL32D16	Rebar Terminator 1-3/4"	20

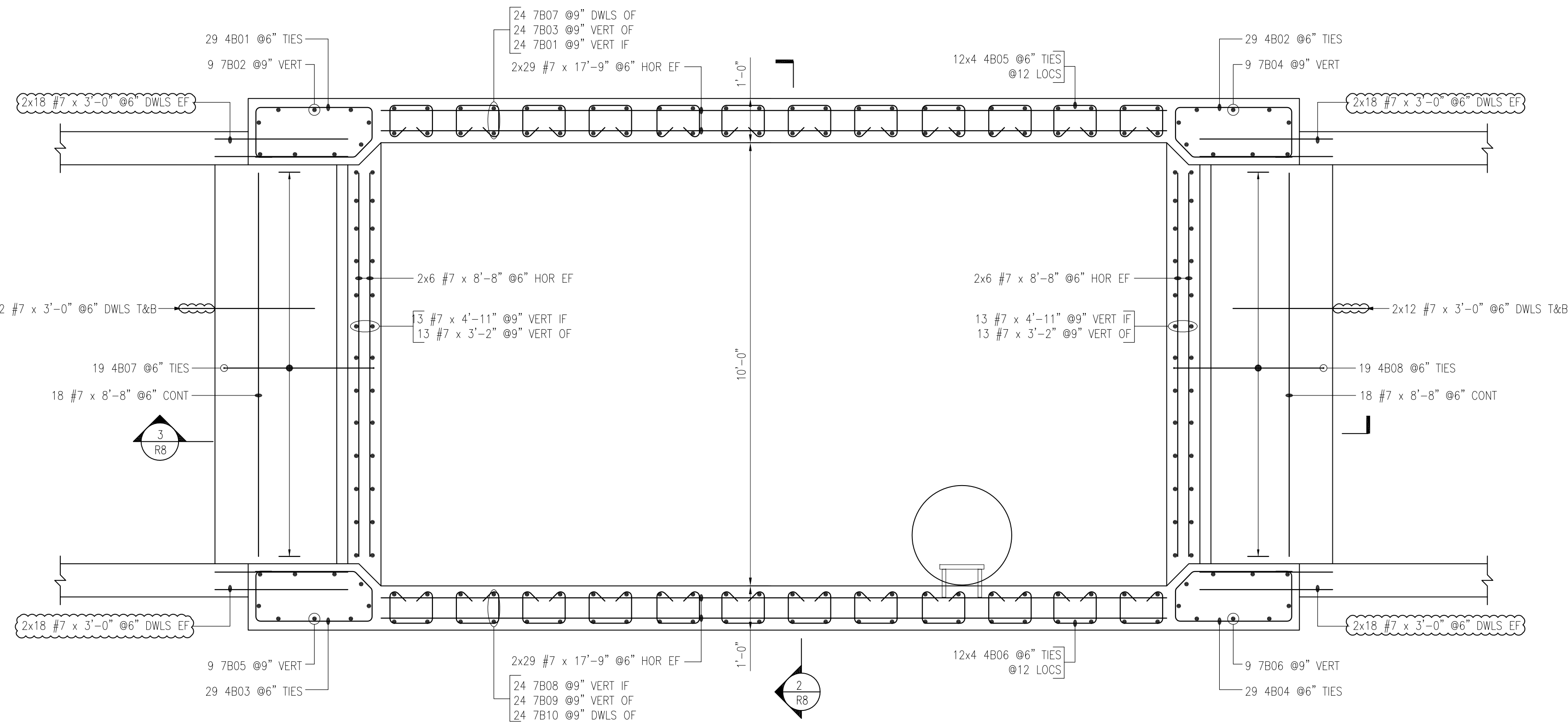
LENTON FORM SAVER SCHEDULE

MARK	PART NO	SHAPE	QTY
FS 01	F55M20	20"	135
FS 01	F55M20	24"	6
FS 02	F55F4X10	10"	141



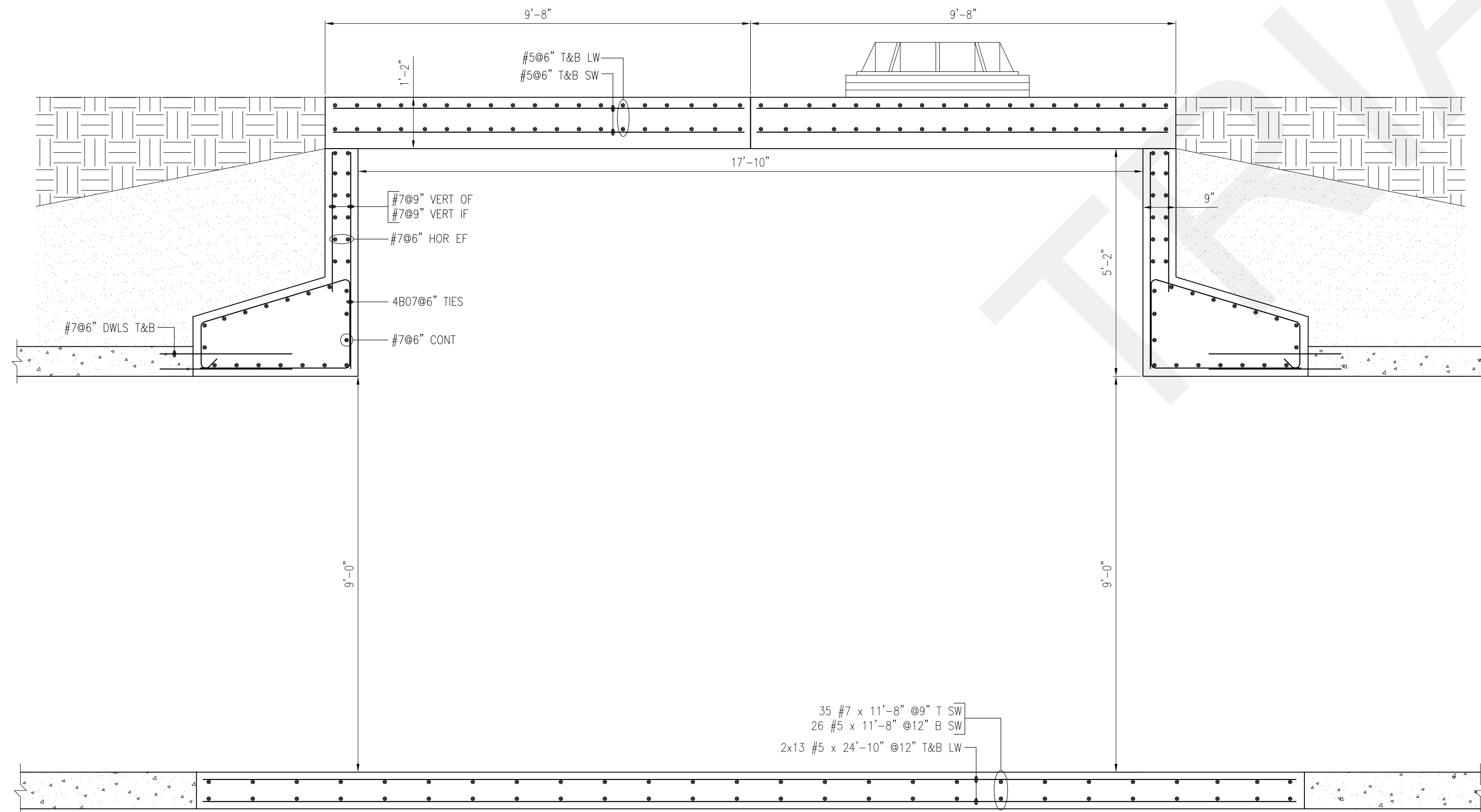
KEYPLAN
SCALE = NTS

FOR APPROVAL



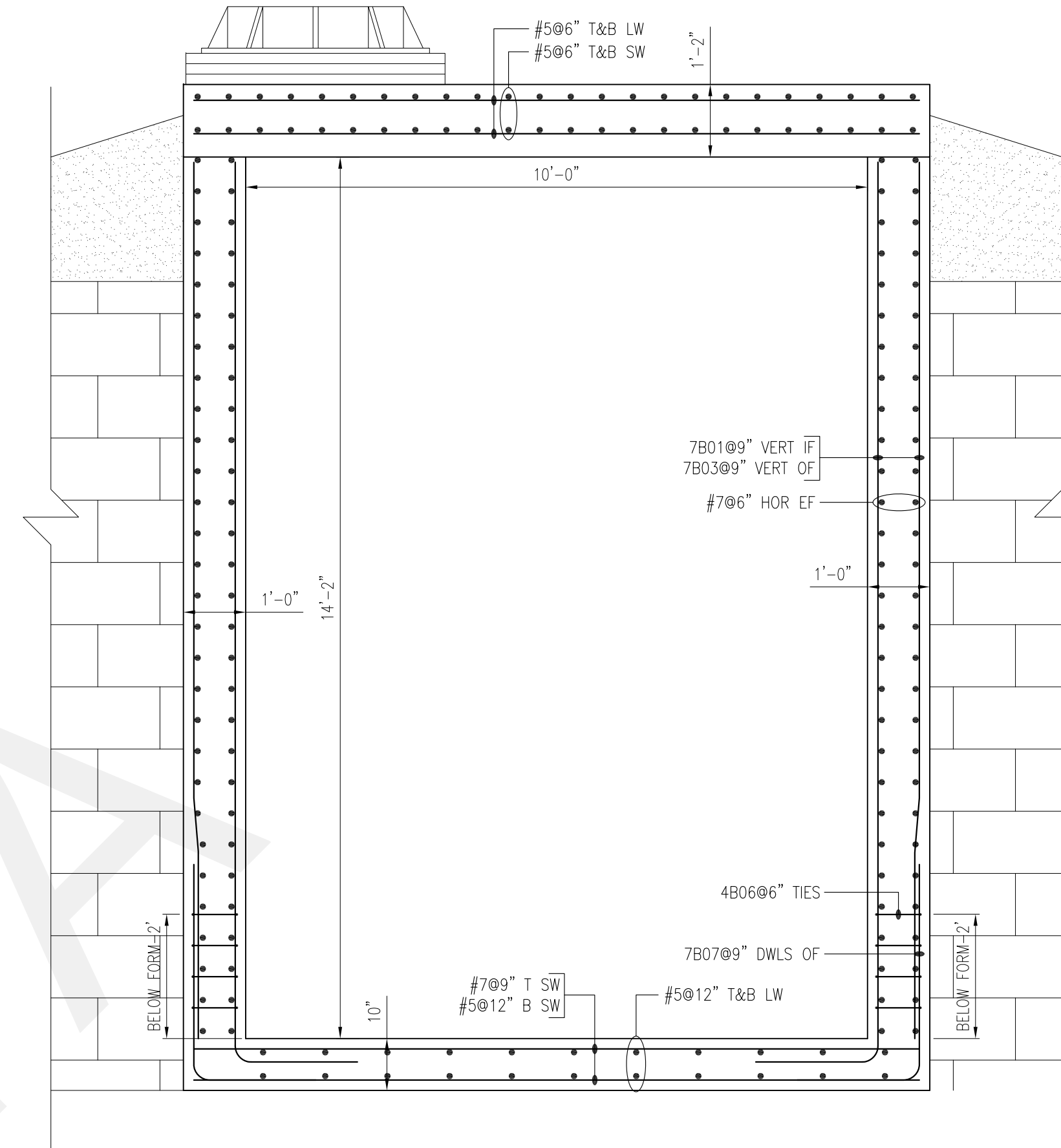
CIP ACCESS SHAFT PLAN

SCALE = 1/2" = 1'-0"
 REF SHEETS: 42 & 43
 CDS ARE DATED ON 08/31/16

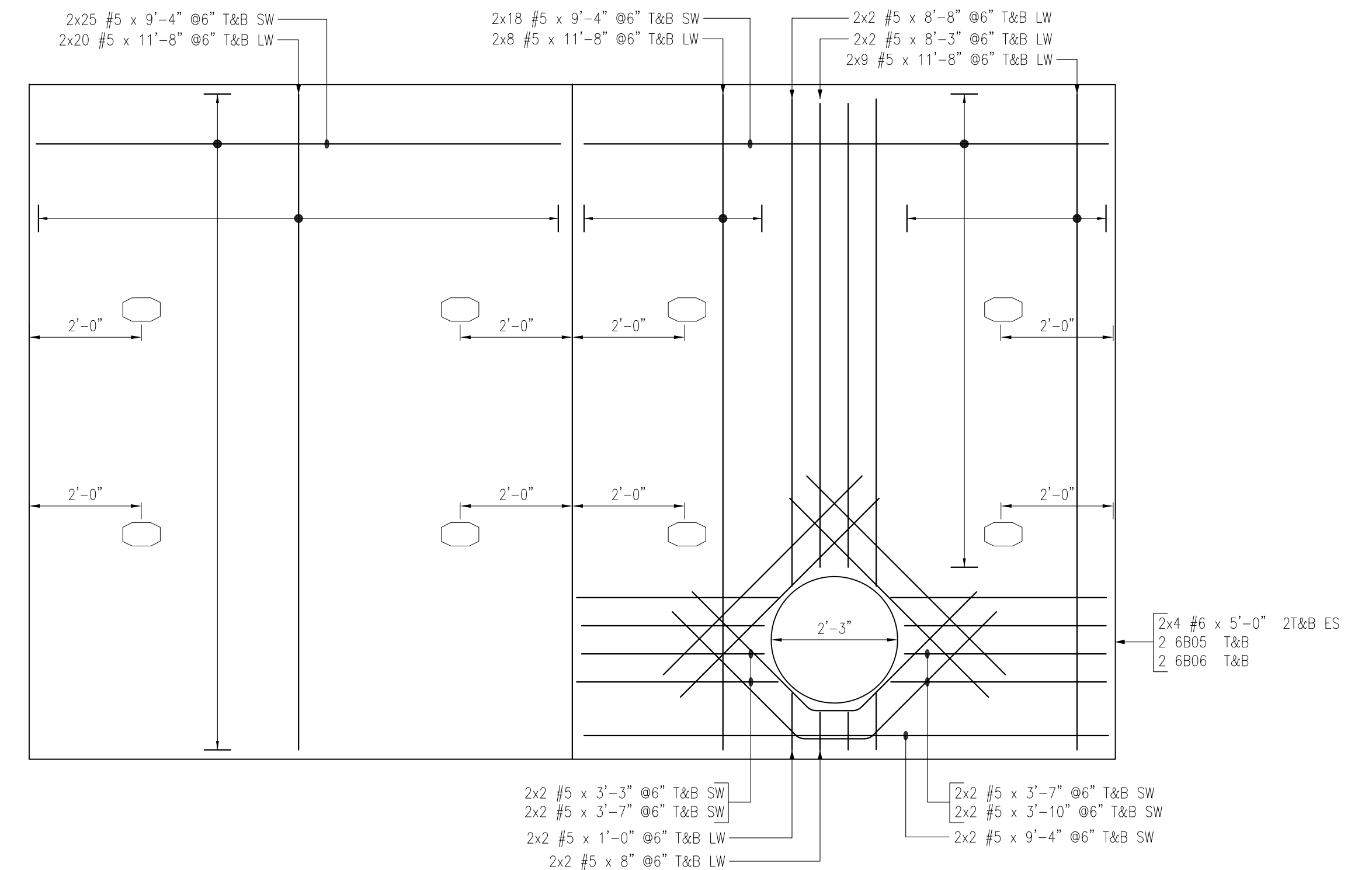


CIP ACCESS SHAFT BOTTOM SLAB PLAN

SECTION 3
 SCALE = 1/2" = 1'-0"
 R-8



SECTION 2
 SCALE = 1/2" = 1'-0"
 R-8



CIP ACCESS SHAFT TOP SLAB PLAN

SCALE = 1/2" = 1'-0"
 REF SHEETS: 42 & 43
 CDS ARE DATED ON 08/31/16

PROJECT	LOCATION	PROJECT NO.	DRAWING NO.	DATE	BY																
<p>THESE REINFORCING SHOP DRAWINGS ARE PREPARED IN ACCORDANCE WITH ACI DETAILING MANUAL, CRS MANUAL OF STANDARD PRACTICE, AND THE CONTRACT DOCUMENTS. THE CONTRACT DRAWINGS AND SHOP DRAWINGS ARE TO BE USED TOGETHER WITH THE REBAR SHOP DRAWINGS FOR THE ACTUAL PLACEMENT OF THE REINFORCING STEEL. THIS DRAWING AND ALL SPECIFICATIONS HERE-ON ARE THE PROPERTY OF SCF CO. AND MAY NOT BE DISCLOSED WITHOUT ITS PRIOR WRITTEN CONSENT. THIS DRAWING PERTAINS TO THE PROJECT MENTIONED IN THE TITLE BLOCK AND MAY NOT BE USED FOR ANY OTHER PROJECT.</p>																					
DATE DRAWN	CONTRACTOR	ENGINEER	REINFORCING STEEL GRADE	THIS DRAWING IS NOT TO BE SCALED																	
			Grade 60 (420)																		
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>6</td> <td></td> </tr> <tr> <td>5</td> <td></td> </tr> <tr> <td>4</td> <td></td> </tr> <tr> <td>3</td> <td></td> </tr> <tr> <td>2</td> <td></td> </tr> <tr> <td>1</td> <td></td> </tr> <tr> <td>0</td> <td></td> </tr> </tbody> </table>						NO.	DESCRIPTION	6		5		4		3		2		1		0	
NO.	DESCRIPTION																				
6																					
5																					
4																					
3																					
2																					
1																					
0																					