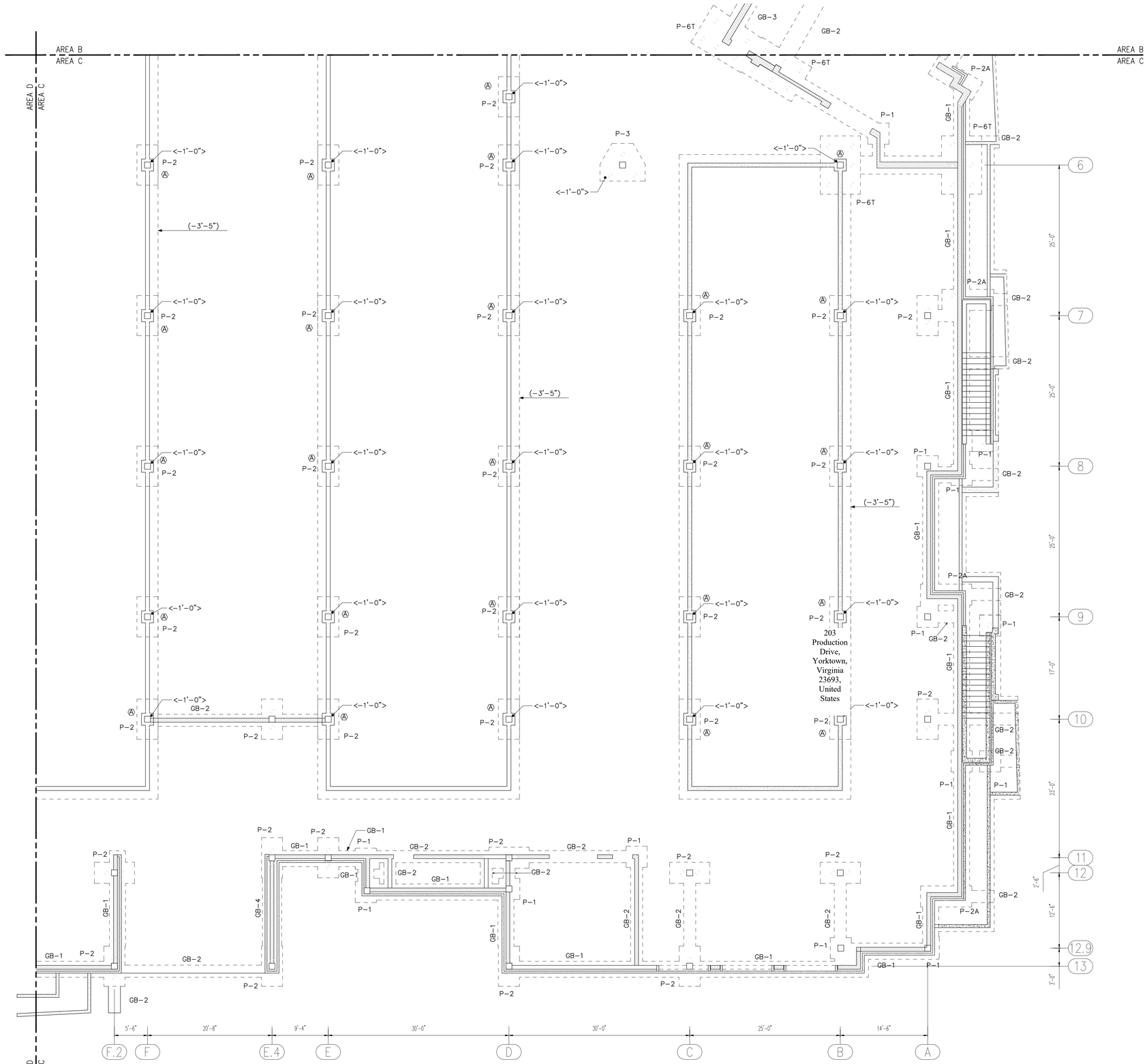


AREA-C PILE CAP & PEDESTAL REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S101C

LEGENDS:

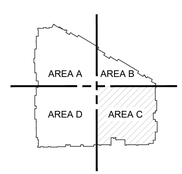
Ⓧ	= COLUMN PEDESTAL MARK
P-X	= PILE CAP MARK
<-X'-X">	= TOP OF PILE CAP/GRADE BEAM ELEVATION-MEASURED FROM REFERENCE ELEVATION 0'0"
GB-X	= GRADE BEAM MARK

Lap Schedule 3000 PSI

Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"

DRAWING INDEX FOR AREA C

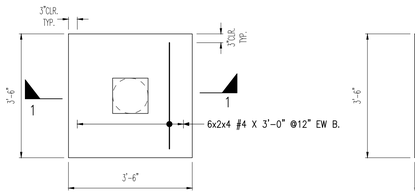
ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R01
MAT FOOTING	R02
GRADE BEAM	R03
WALL	R04
SLAB ON GRADE	R05



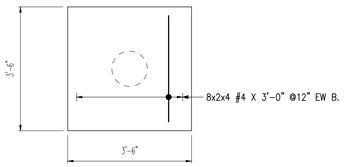
OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



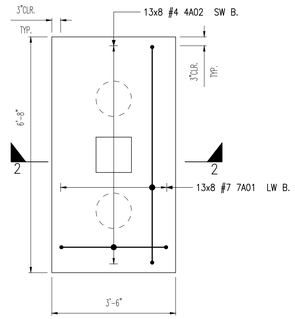
(WITH COLUMN)
(6 LOCATION)



(WITH OUT COLUMN)
(8 LOCATION)

P-1 PILECAP

Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501

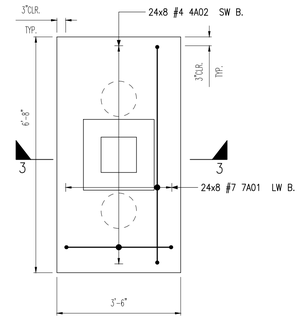


(WITH OUT PEDESTAL)

(13 LOCATION)

P-2 PILECAP

Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501

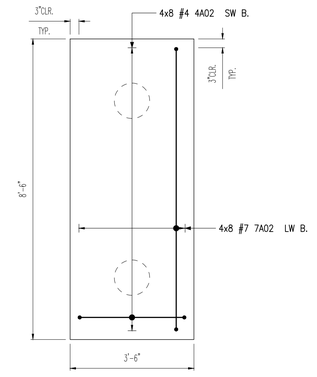


(WITH PEDESTAL)

(24 LOCATION)

P-2 PILECAP

Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501



(WITH OUT COLUMN)

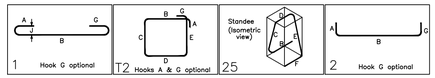
(4 LOCATION)

P-2A PILECAP

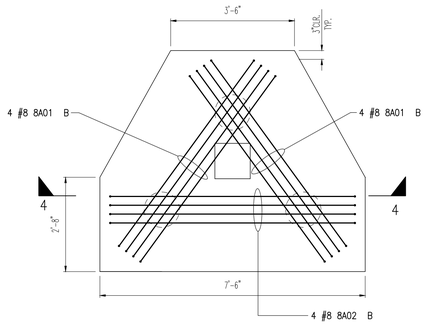
Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501

Release Number: R01A					BAR LIST										
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4A02	328	#4	4'-5"	1	0'-6"	3'-0"							0'-6"	0'-4"		
4A03	125	#4	7'-5"	T2	0'-4 X"	1'-8"	1'-8"	1'-8"	1'-8"				0'-4 X"			
5A01	20	#5	10'-1"	25		1'-6"	3'-0 X"	1'-6"	3'-0 X"	1'-6"		2'-11 X"		1'-5 X"		
7A01	296	#7	7'-10"	1	0'-10"	6'-2"					0'-10"		0'-7"			
7A02	32	#7	9'-8"	1	0'-10"	8'-0"					0'-10"		0'-7"			
9A01	8	#9	6'-4 X"	1	0'-11"	6'-4 X"					0'-11"		0'-8"			
9A02	4	#9	8'-10"	1	0'-11"	7'-0"					0'-11"		0'-8"			
9A01	12	#9	21'-4"	1	1'-3"	18'-10"					1'-3"		0'-11 X"			
9A02	36	#9	8'-8"	1	1'-3"	6'-2"					1'-3"		0'-11 X"			
9A03	12	#9	22'-0"	2	1'-7"	18'-10"					1'-7"					
9A04	42	#9	9'-4"	2	1'-7"	6'-2"					1'-7"					
9A05	24	#9	5'-10"	1	1'-3"	4'-7"							0'-11 X"			
9A06	100	#9	6'-4"	1	1'-3"	5'-1"							0'-11 X"			
9A07	4	#9	7'-0"	1	1'-3"	5'-9"							0'-11 X"			
9A08	52	#9	7'-0 X"	1	1'-3"	5'-9 X"							0'-11 X"			
9A10	24	#9	11'-8"	1	1'-3"	9'-2"					1'-3"		0'-11 X"			
9A11	24	#9	12'-4"	2	1'-7"	9'-2"					1'-7"					
9A14	144	#9	8'-11"	2	1'-7"	5'-9"					1'-7"					

Bar list produced by ReBarCAD 2020.0



THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.

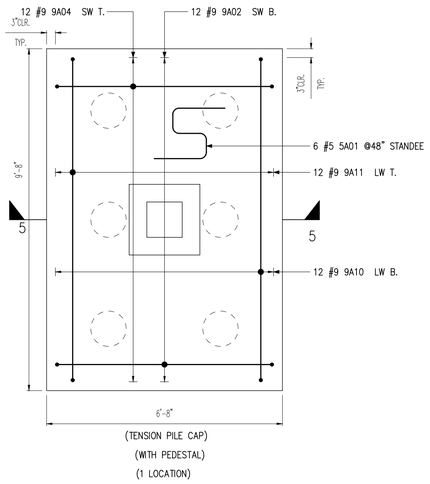


A/E/C PLEASE VERIFY THE PILE CAP (P-3) DIMENSION.

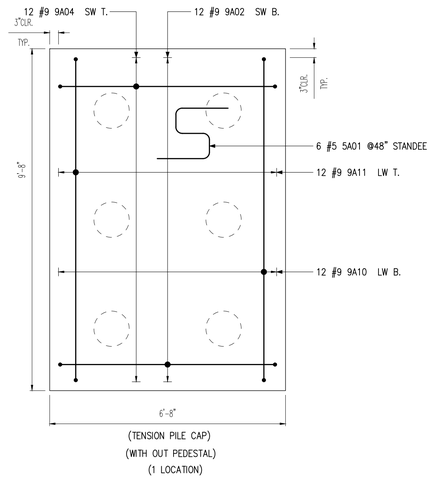
(1 LOCATION)

P-3 PILECAP

Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501



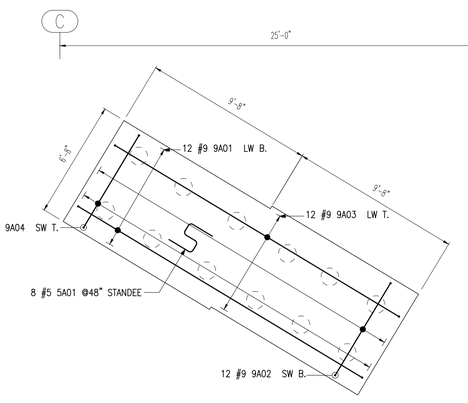
(TENSION PILE CAP)
(WITH PEDESTAL)
(1 LOCATION)



(TENSION PILE CAP)
(WITH OUT PEDESTAL)
(1 LOCATION)

P-6T PILECAP

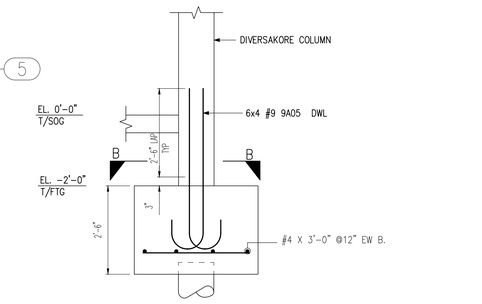
Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501
(ALONG GRID 6 TENSION PILE)



LOCATED IN BETWEEN (GRID B AND GRID C)
& (GRID 5 & C)
TENSION PILE CAP

P-6T CAP

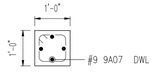
Scale=Scale=1/2"=1'-0"
Ref. Dwg. =S501



(6 LOCATION)

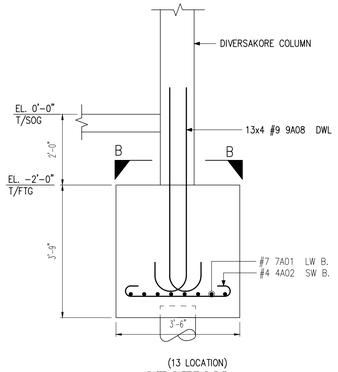
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. = S501



SECTION B-B

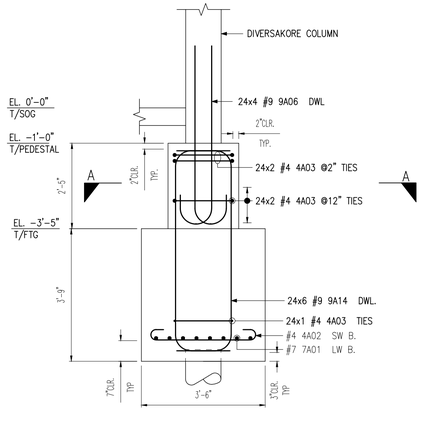
Scale=1/2"=1'-0



(13 LOCATION)

SECTION 2

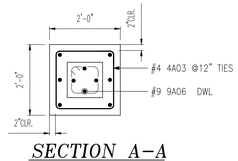
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(24 LOCATION)

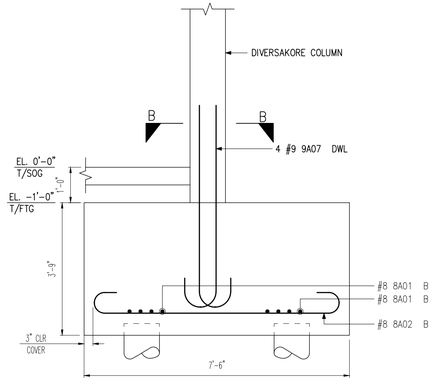
SECTION 3

Scale=1/2"=1'-0"
Ref. Dwg. = S502



SECTION A-A

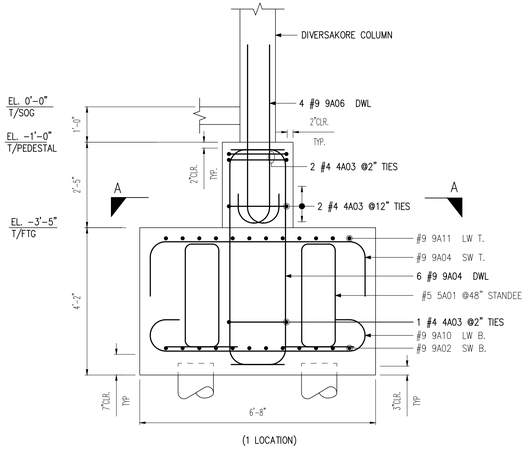
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(1 LOCATION)

SECTION 4

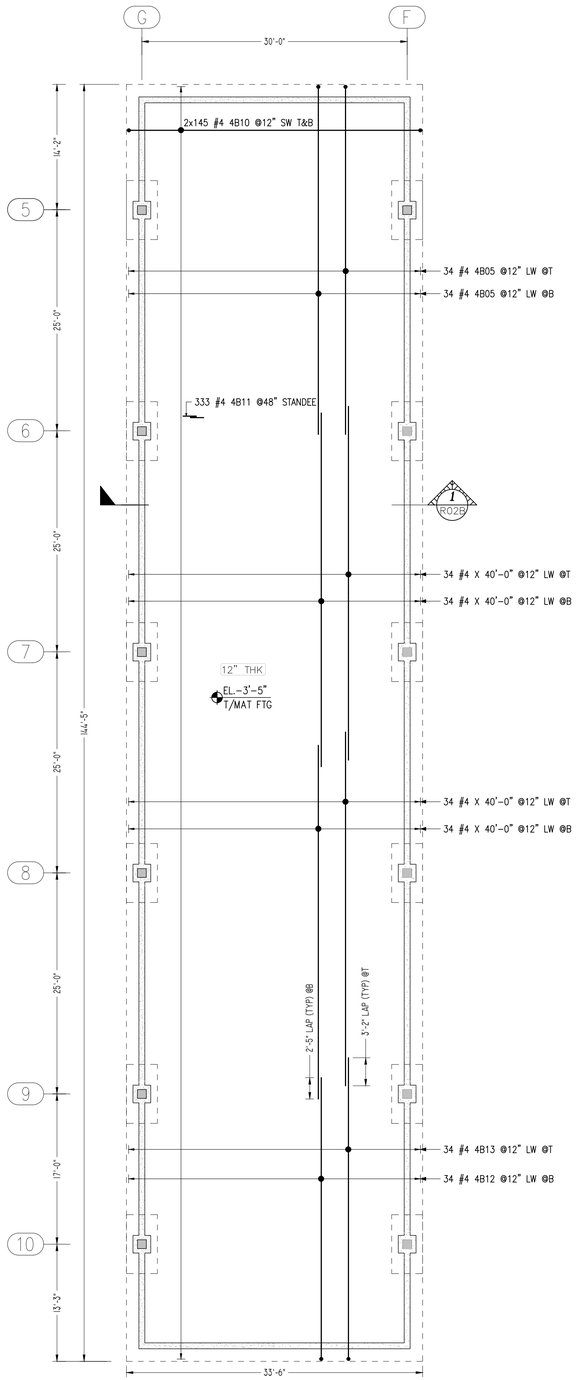
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(1 LOCATION)

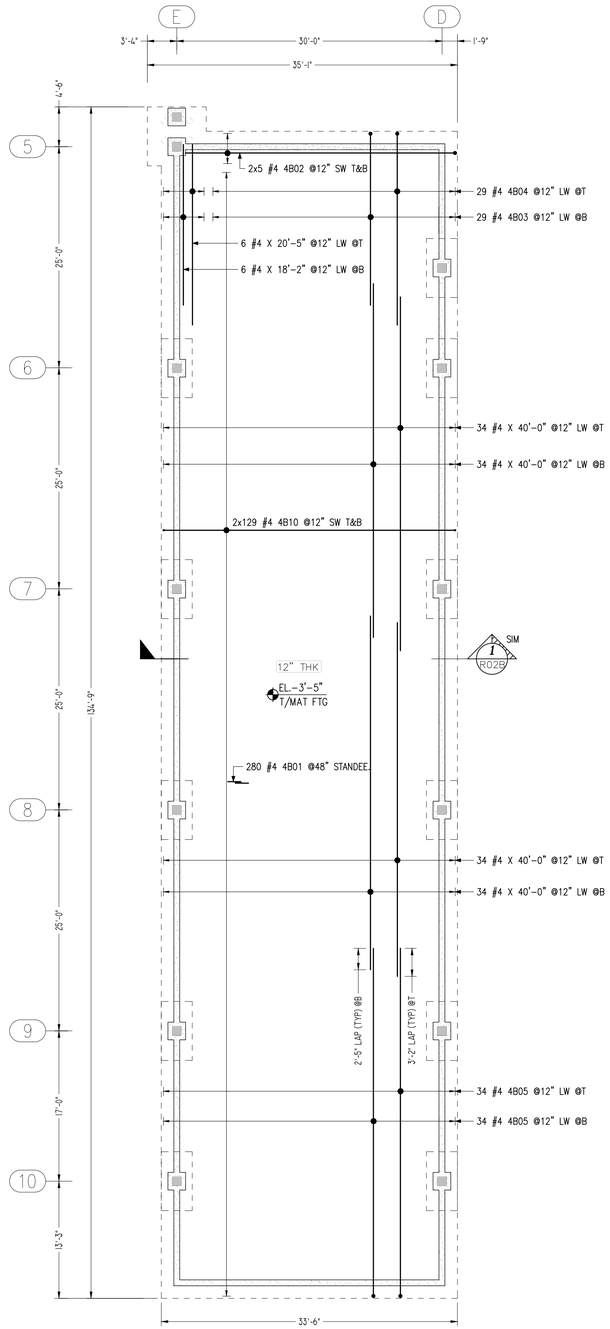
SECTION 5

Scale=1/2"=1'-0"
Ref. Dwg. = S502



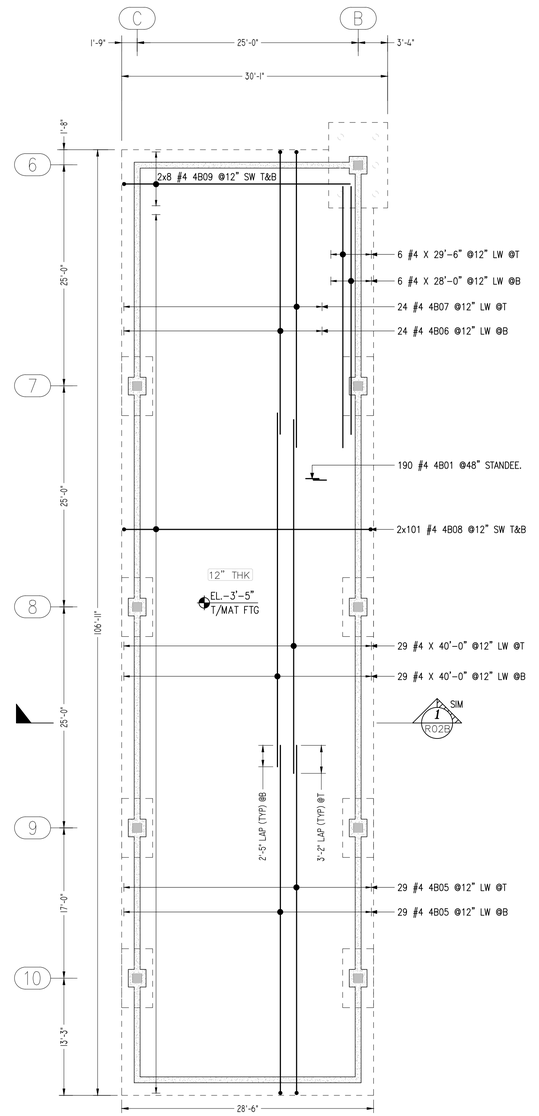
DETAIL-A
12"THK MAT FOOTING REINFORCEMENT DETAIL

Scale=1/8"=1'-0"
Ref. Dwg. = S102C



DETAIL-B
12"THK MAT FOOTING REINFORCEMENT DETAIL

Scale=1/8"=1'-0"
Ref. Dwg. = S102C



DETAIL-C
12"THK MAT FOOTING REINFORCEMENT DETAIL

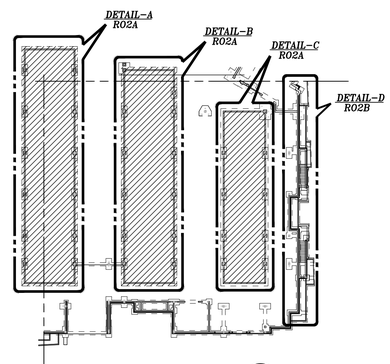
Scale=1/8"=1'-0"
Ref. Dwg. = S102C

DRAWING INDEX FOR AREA C

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R01
MAT FOOTING	R02
GRADE BEAM	R03
WALL	R04
SLAB ON GRADE	R05

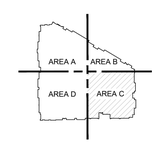
Lap Schedule 3000 PSI

Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



AREA-C KEY PLAN

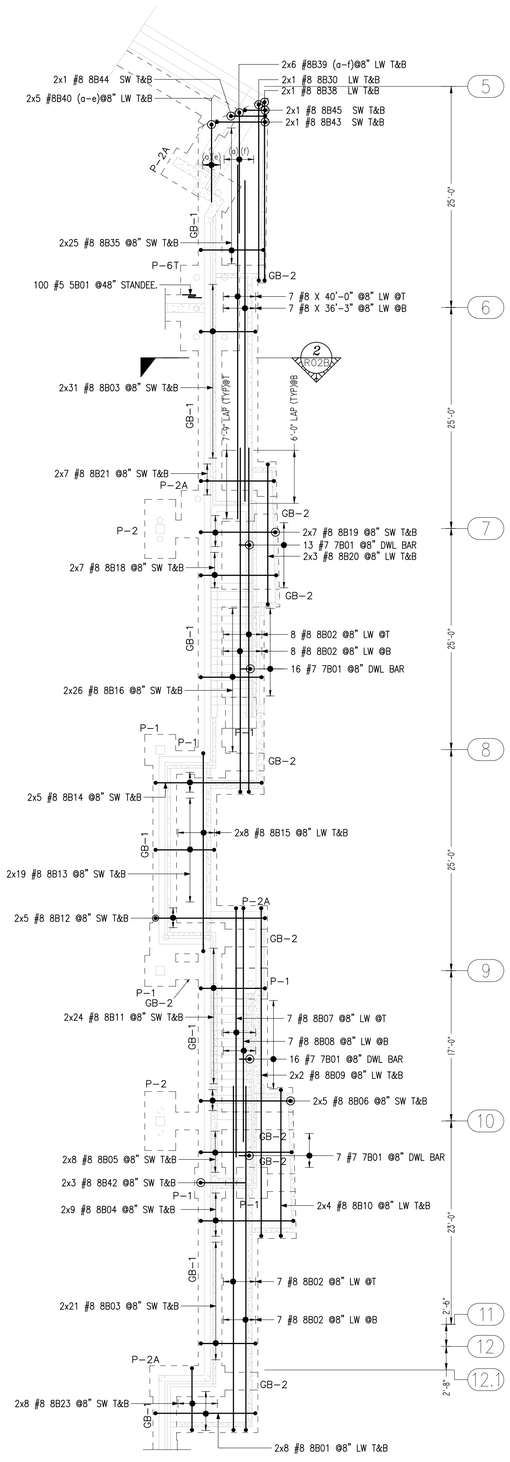
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

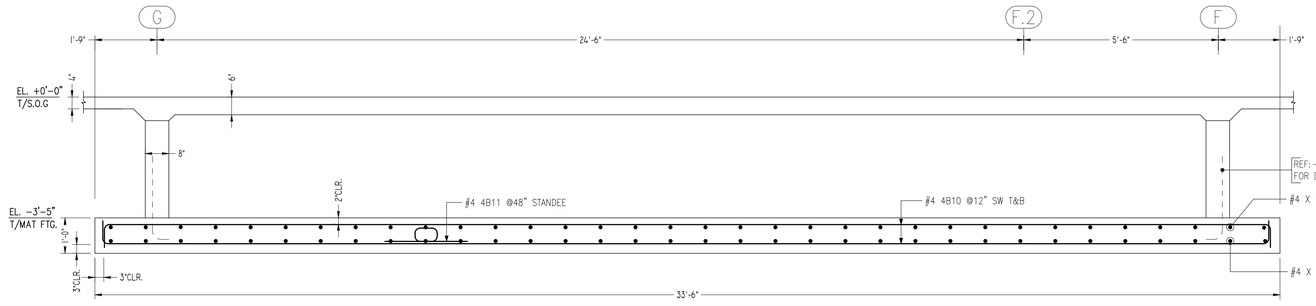
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



EL. -2'-0"

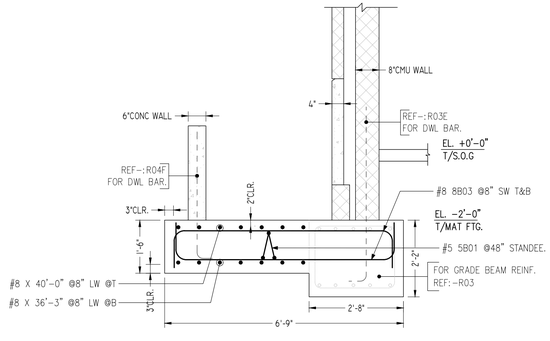
DETAIL-D
18"THK MAT FOOTING REINFORCEMENT DETAIL

Scale=1/8"=1'-0"
Ref. Dwg. = S102C



SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =6/S301



SECTION 2

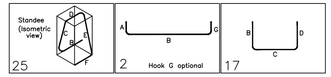
Scale=1/2"=1'-0"
Ref. Dwg. =7/S301

Release Number: R02A-R02B

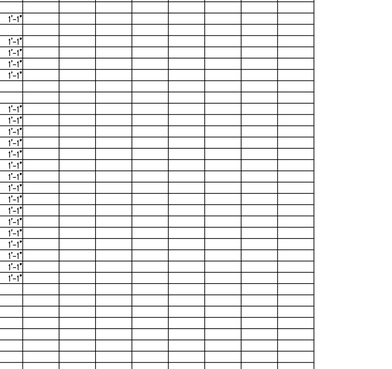
BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
4801	470	#4	4'-6"	25		1'-8"	0'-5"	0'-8"	0'-5"	1'-8"		0'-5"		0'-2 X"		
4802	10	#4	31'-2"	2	0'-8"	30'-6"										
4803	29	#4	20'-1"	2	0'-8"	19'-5"										
4804	29	#4	22'-4"	2	0'-8"	21'-8"										
4805	194	#4	40'-0"	2	0'-8"	39'-4"										
4806	24	#4	32'-7"	2	0'-8"	31'-11"										
4807	24	#4	34'-1"	2	0'-8"	33'-5"										
4808	202	#4	29'-3"	2	0'-8"	27'-11"					0'-8"					
4809	16	#4	26'-3"	2	0'-8"	25'-7"										
4810	548	#4	34'-4"	2	0'-8"	33'-0"					0'-8"					
4811	333	#4	4'-6"	25		1'-8"	0'-5"	0'-8"	0'-5"	1'-8"		0'-5"		0'-2 X"		
4812	34	#4	32'-6"	2	0'-8"	31'-10"										
4813	34	#4	34'-9"	2	0'-8"	34'-1"										
5801	100	#5	5'-4"	25		1'-6"	0'-9"	0'-10"	0'-9"	1'-6"		0'-9"		0'-4 X"		
7801	52	#7	6'-1.1"	3	1'-2"	5'-9"										
8801	16	#8	13'-6 X"	17		1'-1"	11'-4 X"	1'-1"								
8802	30	#8	40'-0"	17		1'-1"	38'-11"									
8803	104	#8	8'-5"	17		1'-1"	6'-3"	1'-1"								
8804	18	#8	12'-8 X"	17		1'-1"	10'-6 X"	1'-1"								
8805	16	#8	12'-6 X"	17		1'-1"	10'-4 X"	1'-1"								
8806	10	#8	12'-4 X"	17		1'-1"	10'-2 X"	1'-1"								
8807	7	#8	29'-3 X"	17		1'-1"	28'-2 X"									
8808	7	#8	27'-6 X"	17		1'-1"	26'-5 X"									
8809	4	#8	39'-3 X"	17		1'-1"	37'-1 X"	1'-1"								
8810	8	#8	18'-9"	17		1'-1"	16'-7"	1'-1"								
8811	48	#8	9'-6"	17		1'-1"	7'-4"	1'-1"								
8812	10	#8	14'-7 X"	17		1'-1"	12'-5 X"	1'-1"								
8813	38	#8	8'-10 X"	17		1'-1"	6'-8 X"	1'-1"								
8814	10	#8	14'-3"	17		1'-1"	12'-1"	1'-1"								
8815	16	#8	24'-7 X"	17		1'-1"	22'-5 X"	1'-1"								
8816	52	#8	9'-1 X"	17		1'-1"	6'-11 X"	1'-1"								
8818	14	#8	10'-9 X"	17		1'-1"	8'-7 X"	1'-1"								
8819	14	#8	10'-8"	17		1'-1"	8'-6"	1'-1"								
8820	6	#8	18'-1"	17		1'-1"	15'-11"	1'-1"								
8821	14	#8	10'-6"	17		1'-1"	8'-4"	1'-1"								
8823	16	#8	9'-2 X"	17		1'-1"	7'-0 X"	1'-1"								
8830	2	#8	22'-1 X"	17		1'-1"	19'-11 X"	1'-1"								
8835	50	#8	9'-3 X"	17		1'-1"	7'-1 X"	1'-1"								
8838	2	#8	22'-5"	17		1'-1"	20'-3"	1'-1"								
8839a	2	#8	14'-3"	2	1'-4"	12'-11 X"										
8839b	2	#8	14'-7"	2	1'-4"	13'-2 X"										
8839c	2	#8	14'-10"	2	1'-4"	13'-6"										
8839d	2	#8	15'-1"	2	1'-4"	13'-9 X"										
8839e	2	#8	15'-5"	2	1'-4"	14'-0 X"										
8839f	2	#8	15'-8"	2	1'-4"	14'-4 X"										
8840a	2	#8	9'-8"	2	1'-4"	8'-4 X"										
8840b	2	#8	9'-11"	2	1'-4"	8'-6 X"										
8840c	2	#8	10'-1"	2	1'-4"	8'-9 X"										
8840d	2	#8	10'-4"	2	1'-4"	8'-11 X"										
8840e	2	#8	10'-6"	2	1'-4"	9'-2 X"										
8842	6	#8	6'-5"	2	1'-4"	5'-1"										
8843	2	#8	8'-2"	2	1'-4"	5'-5"					1'-4"					
8844	2	#8	6'-7 X"	2	1'-4"	5'-11 X"					1'-4"					
8845	2	#8	5'-0 X"	2	1'-4"	2'-4 X"					1'-4"					

Bar list produced by RebarCAD 2020.0



Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



AREA-C KEY PLAN

Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021

AREA B
AREA C

AREA D
AREA C

AREA B
AREA C

<-1'-0">
A
P-2
(-3'-5"±)
P-3
GB-1
GB-2
GB-3
GB-4
P-1
P-2A
P-6T
3
R03E
4
R03E
2
R03E
1
R03E

DETAIL-C
R03D

DETAIL-B
R03C

DETAIL-A
R03B

MATCH LINE B-B
MATCH LINE B-B

MATCH LINE A-A
MATCH LINE A-A

203 Production Drive, Yorktown, Virginia 23693, United States

6
7
8
9
10
11
12
12.9
13

25'-0"
25'-0"
25'-0"
17'-0"
23'-0"
2'-6"
12'-6"
3'-0"

5'-6"
20'-8"
9'-4"
30'-0"
30'-0"
25'-0"
14'-6"

F.2
F
E.4
E
D
C
B
A

AREA-C GRADE BEAM REINFORCEMENT DETAILS

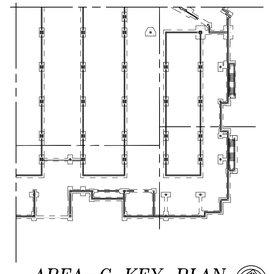
Scale=1/8"=1'-0"
Ref. Dwg. = S101C

DRAWING INDEX FOR AREA C

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R01
MAT FOOTING	R02
GRADE BEAM	R03
WALL	R04
SLAB ON GRADE	R05

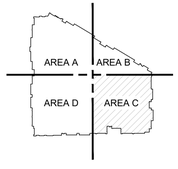
Lap Schedule 3000 PSI

Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



AREA-C KEY PLAN

Scale=NTS



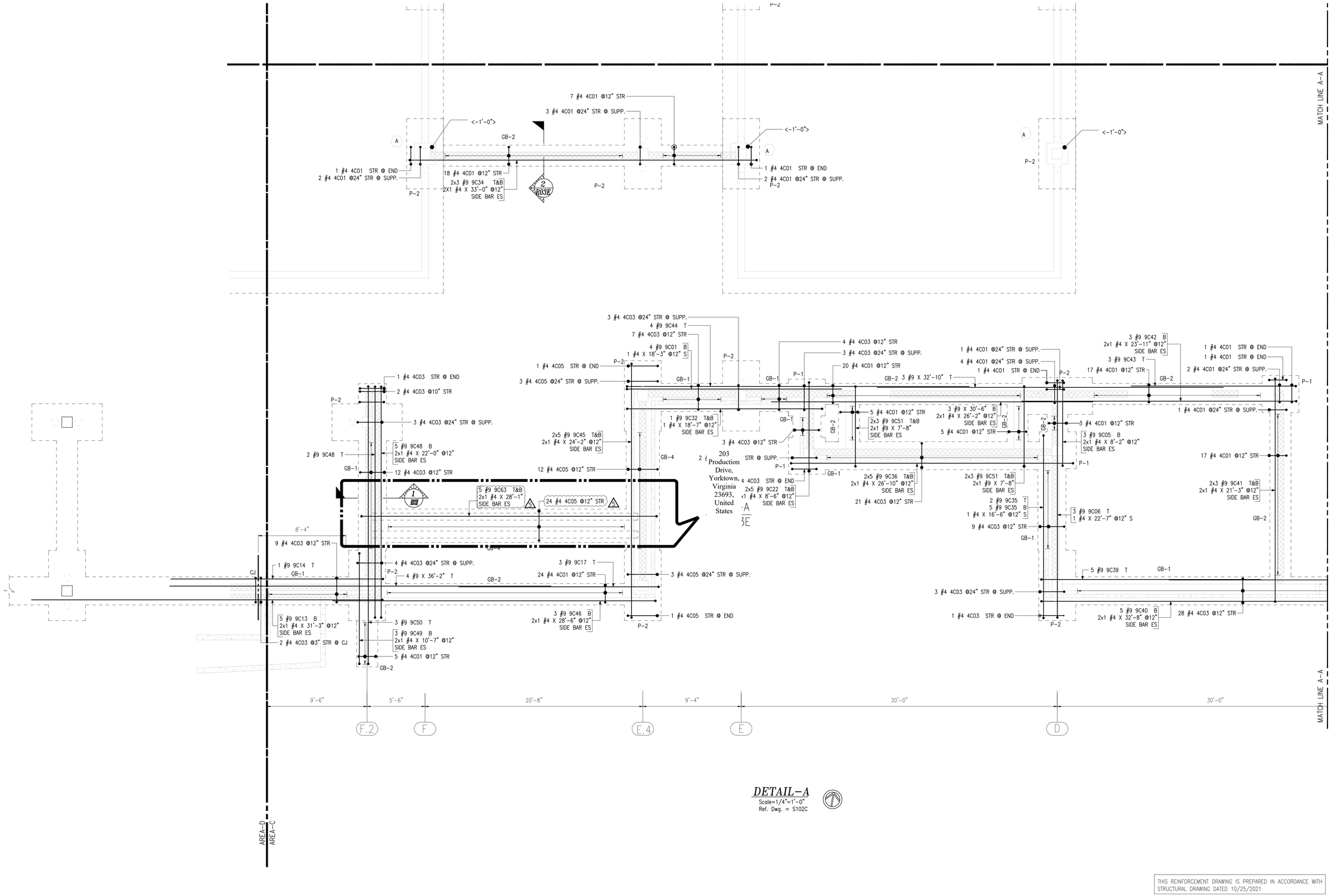
OVER ALL KEY PLAN

Scale=NTS

LEGENDS:

- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION-MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

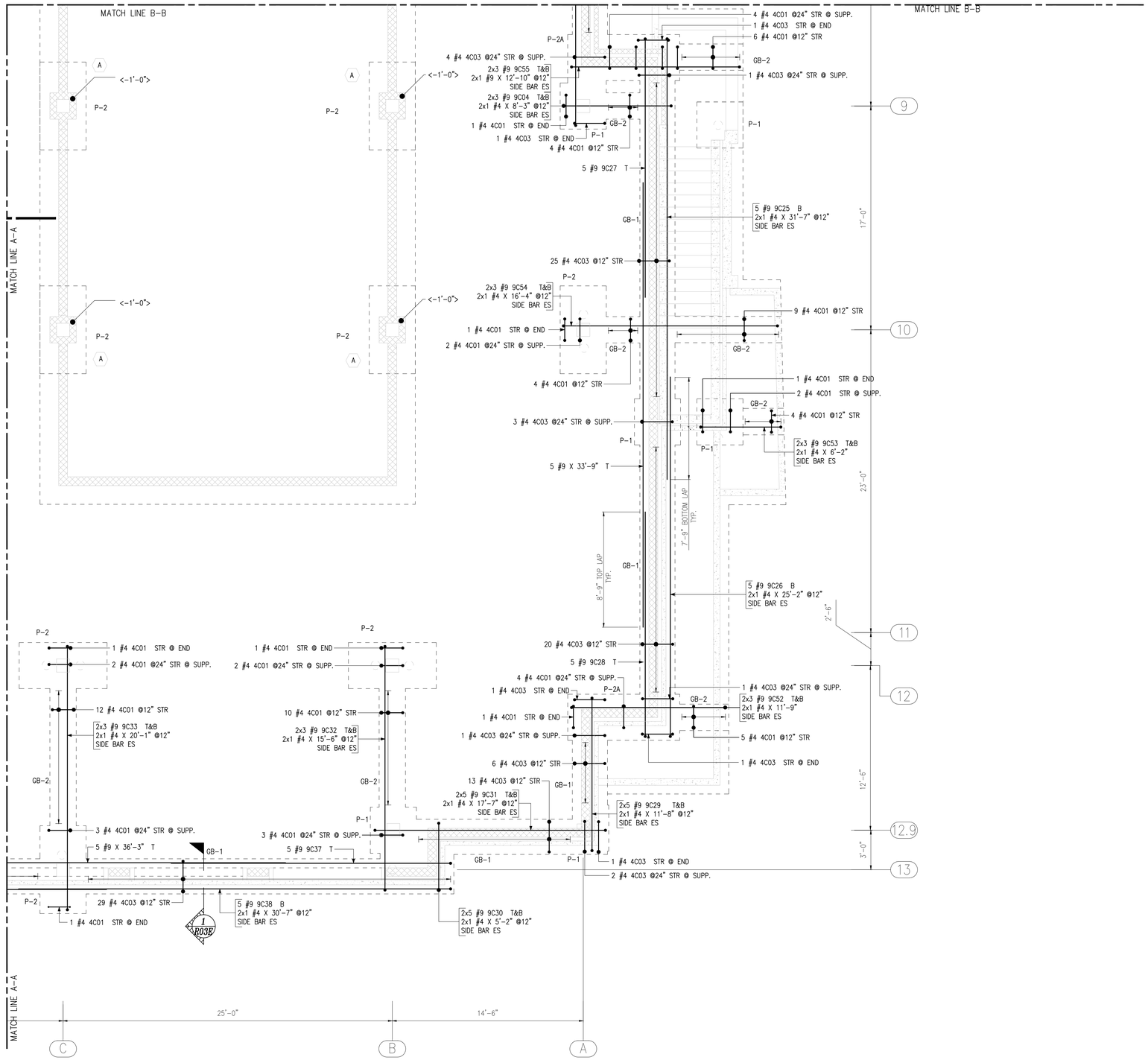
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021



DETAIL-A

Scale=1/4"=1'-0"
Ref. Dwg. = S102C

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021

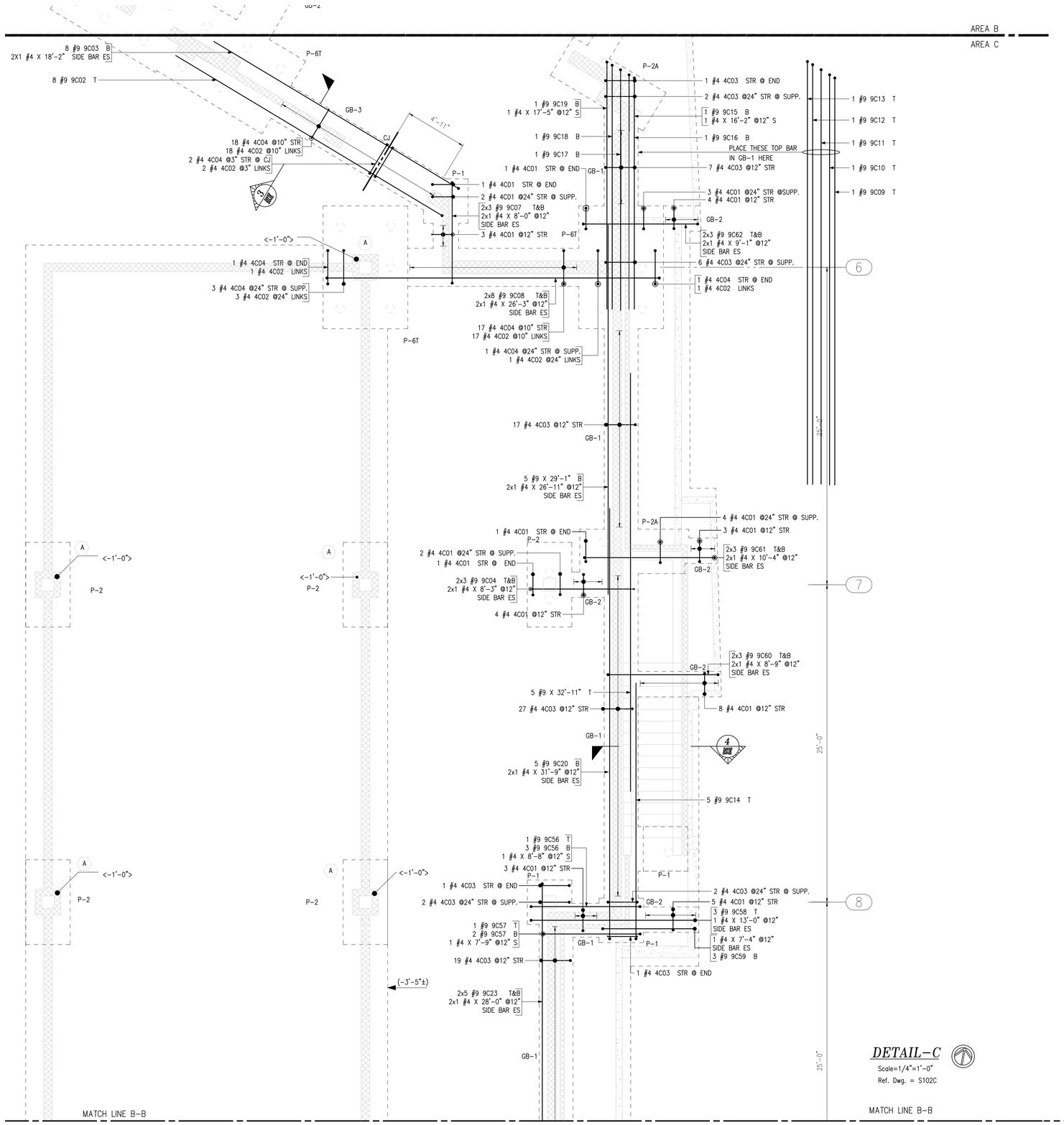


DETAIL–B

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

Ref. Dwg. = S102C

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021

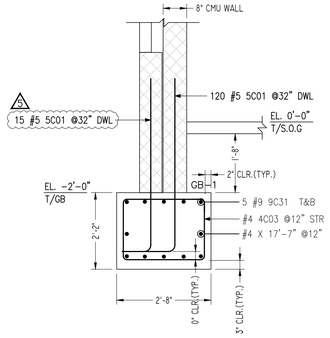


DETAIL-C

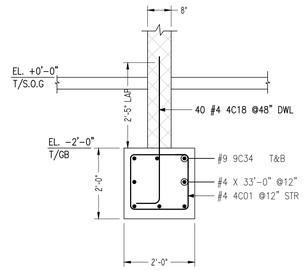
Scale=1/4"=1'-0"

Ref. Dwg. = S102C

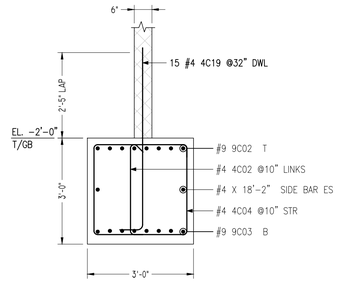
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021



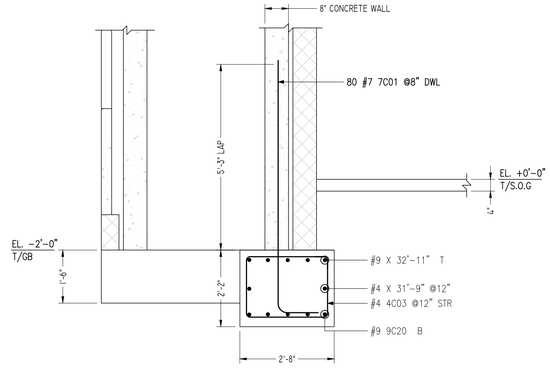
SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. =1/S301



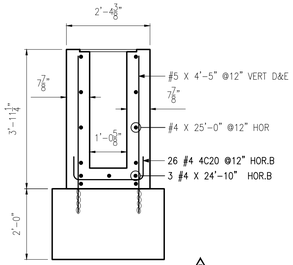
SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. =4/S301



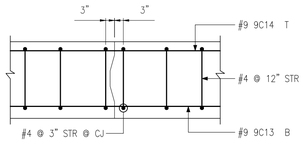
SECTION 3
Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



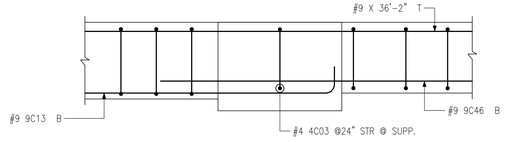
SECTION 4
Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



SECTION 5
Scale=1/2"=1'-0"
Ref. Dwg. =2/S302



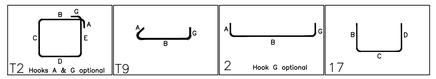
CONSTRUCTION JOINT AT GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501

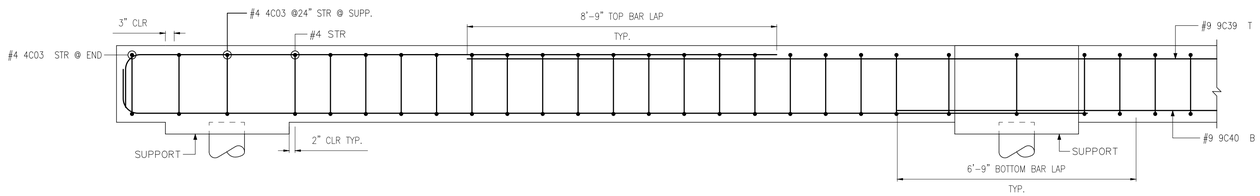


STEPPED GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501

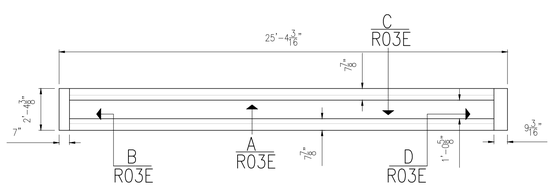
Release Number: R03					BAR LIST												
Bar Mark	Qty	Size	Total Length	Typ s	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4C01	269	#4	7'-3"	12	0'-4 5/8"	1'-8"	1'-7"	1'-8"	1'-7"		0'-4 5/8"					
4C02	43	#4	3'-4"	19	0'-4 5/8"	2'-7"					0'-4 5/8"					
4C03	313	#4	8'-11"	12	0'-4 5/8"	2'-4"	1'-9"	2'-4"	1'-9"		0'-4 5/8"					
4C04	43	#4	11'-3"	12	0'-4 5/8"	2'-8"	2'-7"	2'-8"	2'-7"		0'-4 5/8"					
4C05	44	#4	9'-7"	12	0'-4 5/8"	2'-10"	1'-7"	2'-10"	1'-7"		0'-4 5/8"					
4C18	40	#4	4'-10"	2	0'-8"	4'-2"										
4C19	15	#4	5'-10"	2	0'-8"	5'-2"										
4C20	26	#4	3'-4"	2	0'-8"	2'-0"					0'-8"					
5C01	135	#5	5'-9"	2	0'-10"	4'-11"										
5C02	14	#5	6'-4"	17		2'-2"	2'-0"	2'-2"								
7C01	80	#7	8'-4"	2	1'-2"	7'-2"										
9C01	4	#9	22'-0"	2	1'-7"	20'-5"										
9C02	8	#9	26'-1"	2	1'-7"	24'-6"										
9C03	8	#9	24'-1"	2	1'-7"	22'-6"										
9C04	12	#9	11'-5"	2	1'-7"	8'-3"					1'-7"					
9C05	3	#9	11'-4"	2	1'-7"	8'-2"					1'-7"					
9C06	3	#9	25'-9"	2	1'-7"	22'-7"					1'-7"					
9C07	6	#9	11'-2"	2	1'-7"	8'-0"					1'-7"					
9C08	16	#9	29'-5"	2	1'-7"	26'-3"					1'-7"					
9C09	1	#9	33'-8"	2	1'-7"	32'-1"										
9C10	1	#9	33'-11"	2	1'-7"	32'-4"										
9C11	1	#9	34'-3"	2	1'-7"	32'-8"										
9C12	1	#9	34'-8"	2	1'-7"	33'-1"										
9C13	6	#9	34'-11"	2	1'-7"	33'-4"										
9C14	6	#9	21'-9"	2	1'-7"	20'-2"										
9C15	1	#9	19'-10"	2	1'-7"	18'-3"										
9C16	1	#9	20'-11"	2	1'-7"	18'-6"										
9C17	4	#9	20'-7"	2	1'-7"	19'-0"										
9C18	1	#9	20'-10"	2	1'-7"	19'-3"										
9C19	1	#9	21'-1"	2	1'-7"	19'-6"										
9C20	5	#9	35'-6"	2	1'-7"	33'-11"										
9C22	10	#9	11'-8"	2	1'-7"	8'-6"					1'-7"					
9C23	10	#9	31'-2"	2	1'-7"	28'-0"					1'-7"					
9C25	5	#9	35'-1"	2	1'-7"	33'-6"										
9C26	5	#9	28'-11"	2	1'-7"	27'-4"										
9C27	5	#9	21'-3"	2	1'-7"	19'-8"										
9C28	5	#9	18'-8"	2	1'-7"	17'-1"										
9C29	10	#9	14'-10"	2	1'-7"	11'-8"					1'-7"					
9C30	10	#9	8'-4"	2	1'-7"	5'-2"					1'-7"					
9C31	10	#9	20'-9"	2	1'-7"	17'-7"					1'-7"					
9C32	7	#9	21'-9"	2	1'-7"	18'-7"					1'-7"					
9C33	6	#9	23'-3"	2	1'-7"	20'-1"					1'-7"					
9C34	6	#9	36'-2"	2	1'-7"	33'-0"					1'-7"					
9C35	7	#9	20'-7"	2	1'-7"	17'-5"					1'-7"					
9C36	10	#9	30'-0"	2	1'-7"	26'-10"					1'-7"					
9C37	5	#9	22'-10"	2	1'-7"	21'-3"										
9C38	5	#9	34'-5"	2	1'-7"	32'-10"										
9C39	5	#9	22'-5"	2	1'-7"	20'-10"										
9C40	5	#9	36'-5"	2	1'-7"	34'-10"										
9C41	6	#9	24'-5"	2	1'-7"	21'-3"					1'-7"					
9C42	3	#9	27'-8"	2	1'-7"	26'-1"										
9C43	3	#9	17'-3"	2	1'-7"	15'-8"										
9C44	4	#9	34'-1"	2	1'-7"	32'-6"										
9C45	10	#9	27'-4"	2	1'-7"	24'-2"					1'-7"					
9C46	3	#9	32'-3"	2	1'-7"	30'-8"										
9C48	7	#9	25'-2"	2	1'-7"	22'-0"					1'-7"					
9C49	3	#9	13'-9"	2	1'-7"	10'-7"					1'-7"					
9C50	3	#9	29'-7"	2	1'-7"	26'-5"					1'-7"					
9C51	12	#9	10'-10"	2	1'-7"	7'-8"					1'-7"					
9C52	6	#9	14'-11"	2	1'-7"	11'-9"					1'-7"					
9C53	6	#9	9'-4"	2	1'-7"	6'-2"					1'-7"					
9C54	6	#9	19'-6"	2	1'-7"	16'-4"					1'-7"					
9C55	6	#9	16'-0"	2	1'-7"	12'-10"					1'-7"					
9C56	4	#9	11'-10"	2	1'-7"	8'-8"					1'-7"					
9C57	3	#9	10'-11"	2	1'-7"	7'-9"					1'-7"					
9C58	3	#9	16'-2"	2	1'-7"	13'-0"					1'-7"					
9C59	3	#9	10'-6"	2	1'-7"	7'-4"					1'-7"					
9C60	6	#9	11'-11"	2	1'-7"	8'-9"					1'-7"					
9C61	6	#9	13'-6"	2	1'-7"	10'-4"					1'-7"					
9C62	6	#9	12'-3"	2	1'-7"	9'-1"					1'-7"					
9C63	5	#9	31'-3"	2	1'-7"	28'-1"					1'-7"					

Bar list produced by RebarCAD 2020.0

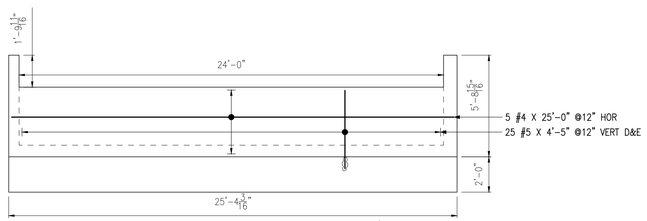




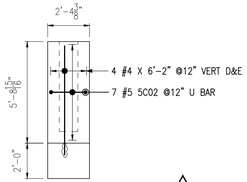
TYPICAL GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501



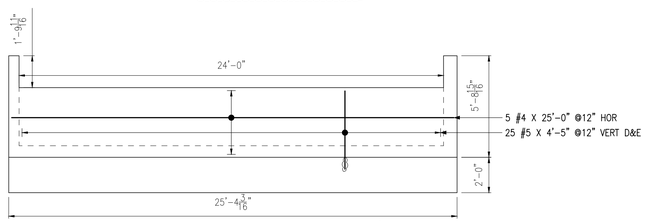
DETAIL-A
Scale=1/4"=1'-0"
Ref. Dwg. = S101C



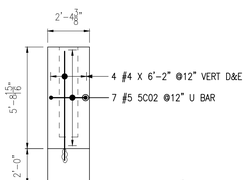
ELEVATION A
Scale=1/4"=1'-0"
Ref. Dwg. =S101C & 2/S302



ELEVATION B
Scale=1/4"=1'-0"
Ref. Dwg. =S101C & 2/S302

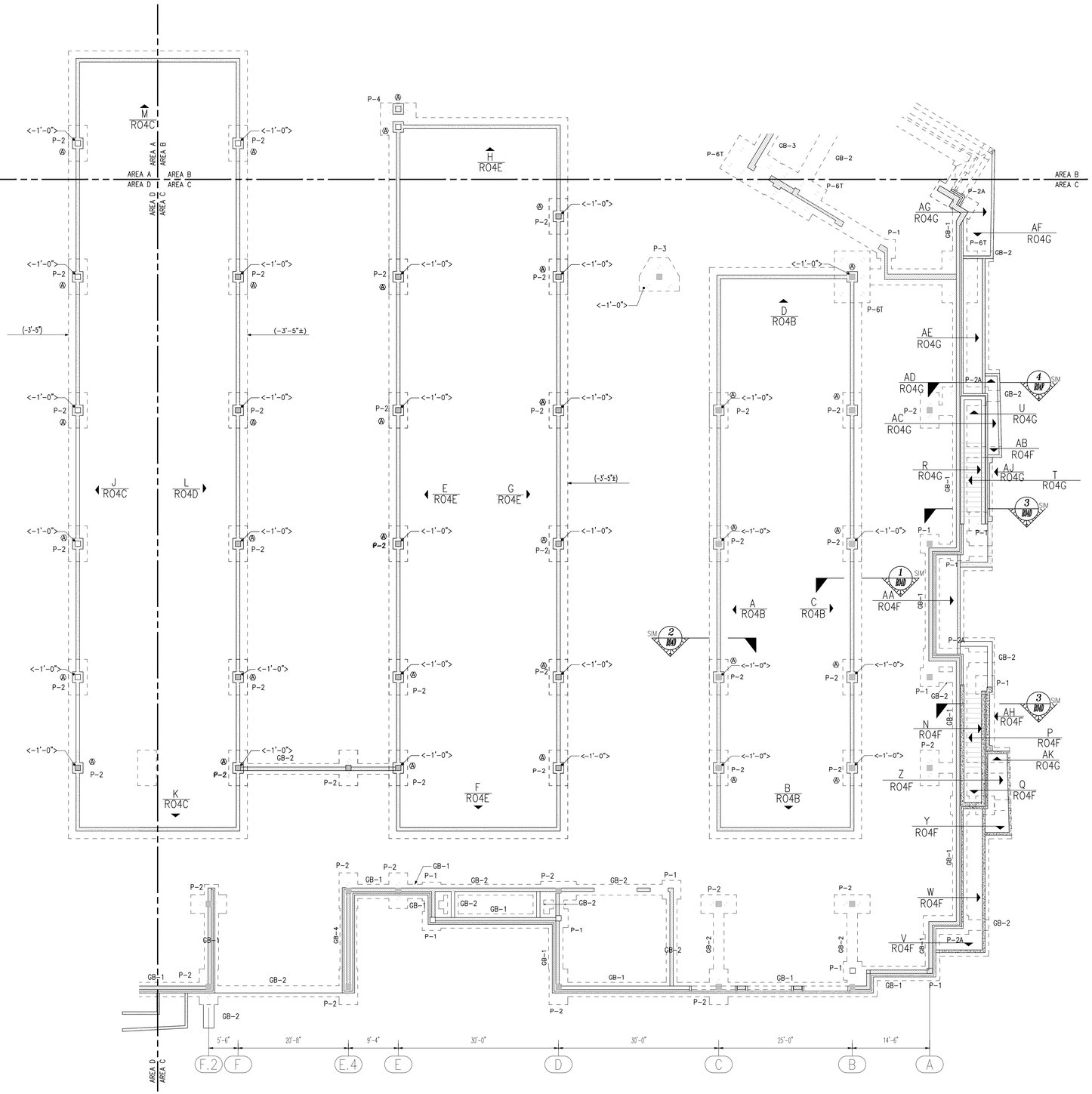


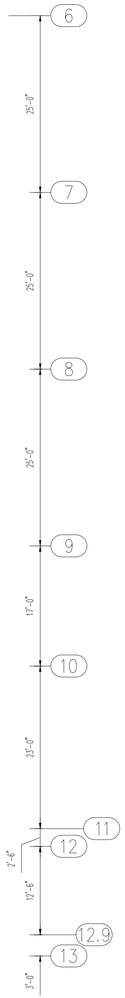
ELEVATION C
Scale=1/4"=1'-0"
Ref. Dwg. =S101C & 2/S302



ELEVATION D
Scale=1/4"=1'-0"
Ref. Dwg. =S101C & 2/S302

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021

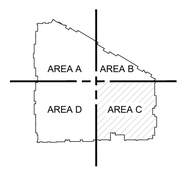




DRAWING INDEX FOR AREA C

ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R01
MAT FOOTING	R02
GRADE BEAM	R03
WALL	R04
SLAB ON GRADE	R05

Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



OVER ALL KEY PLAN

Scale=NTS

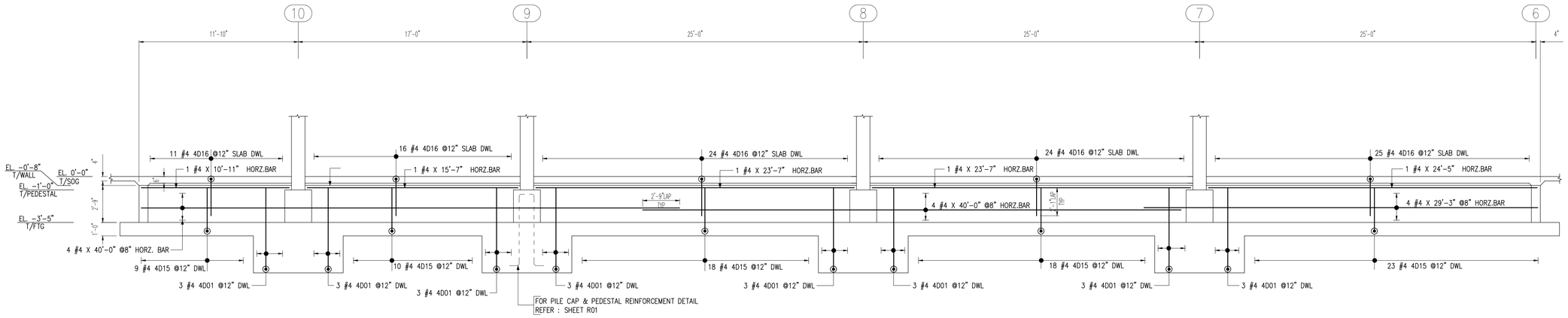
AREA C CONCRETE WALL REINFORCEMENT DETAIL

Scale=1/10"=1'-0"

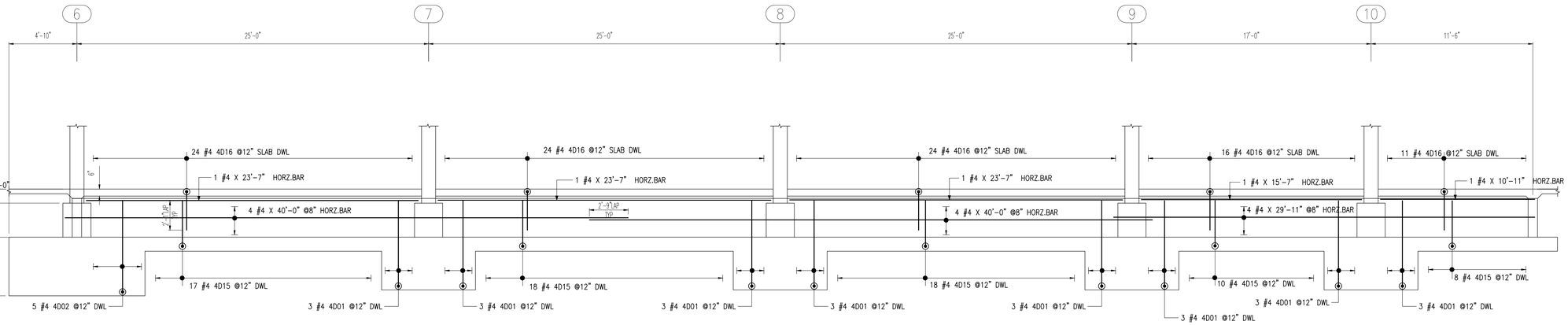
LEGENDS:

- Ⓧ = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION- MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

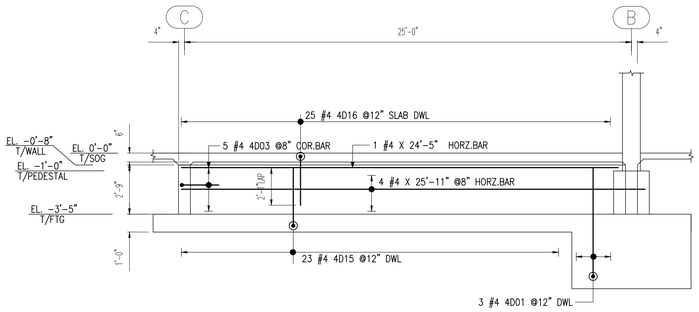
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021.



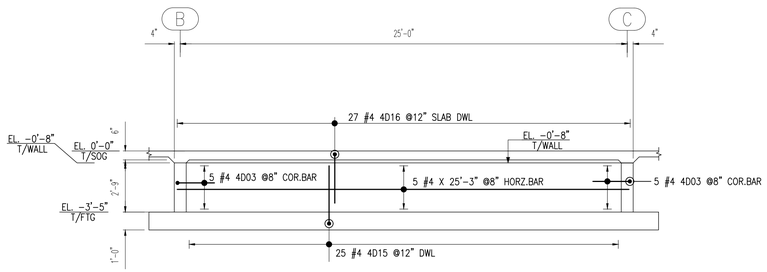
ELEVATION (A)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



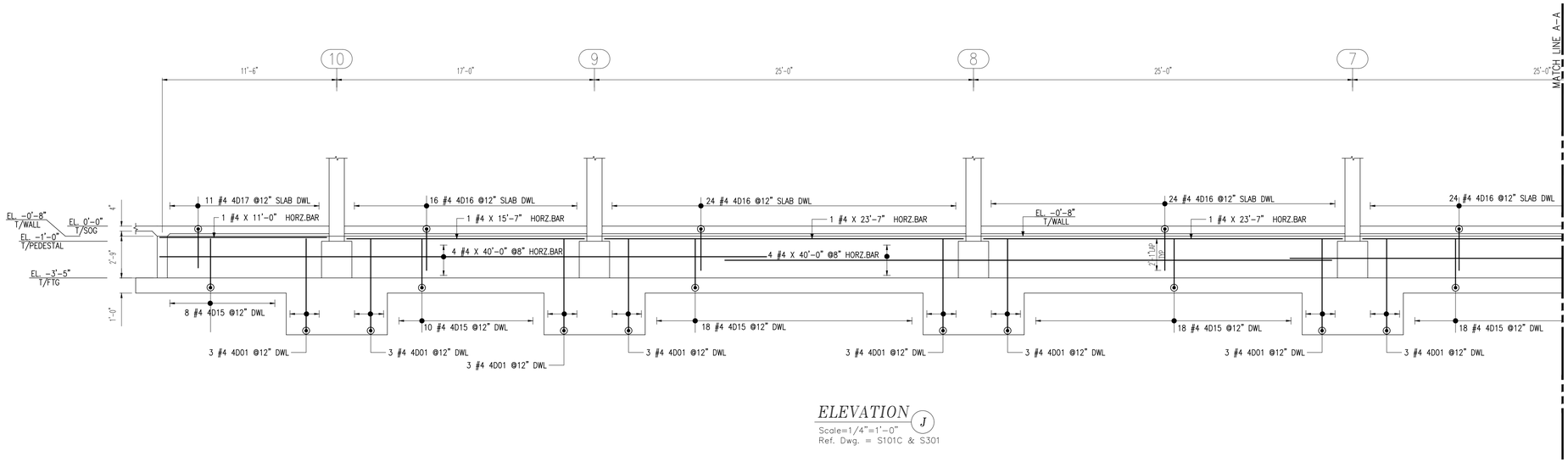
ELEVATION (C)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



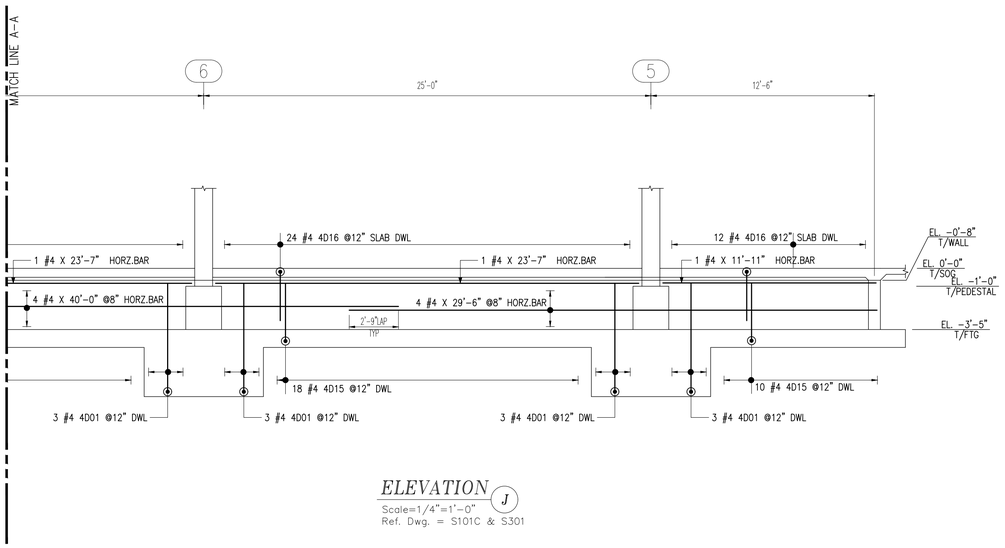
ELEVATION (D)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



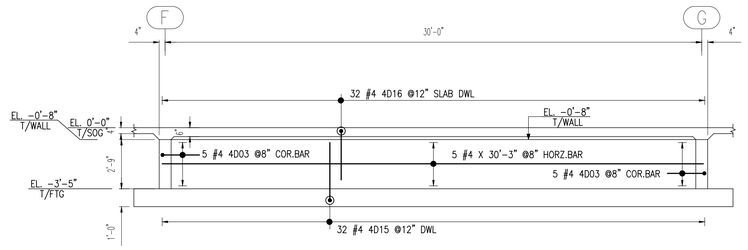
ELEVATION (B)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



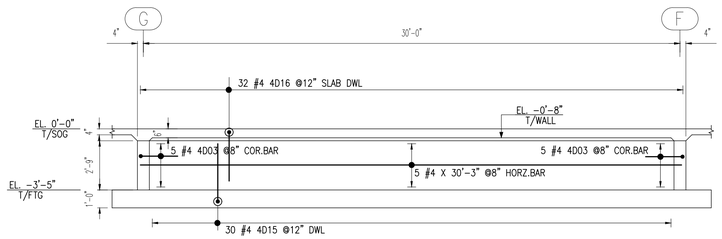
ELEVATION (J)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



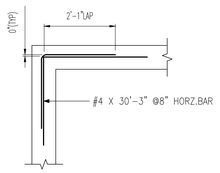
ELEVATION (J)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



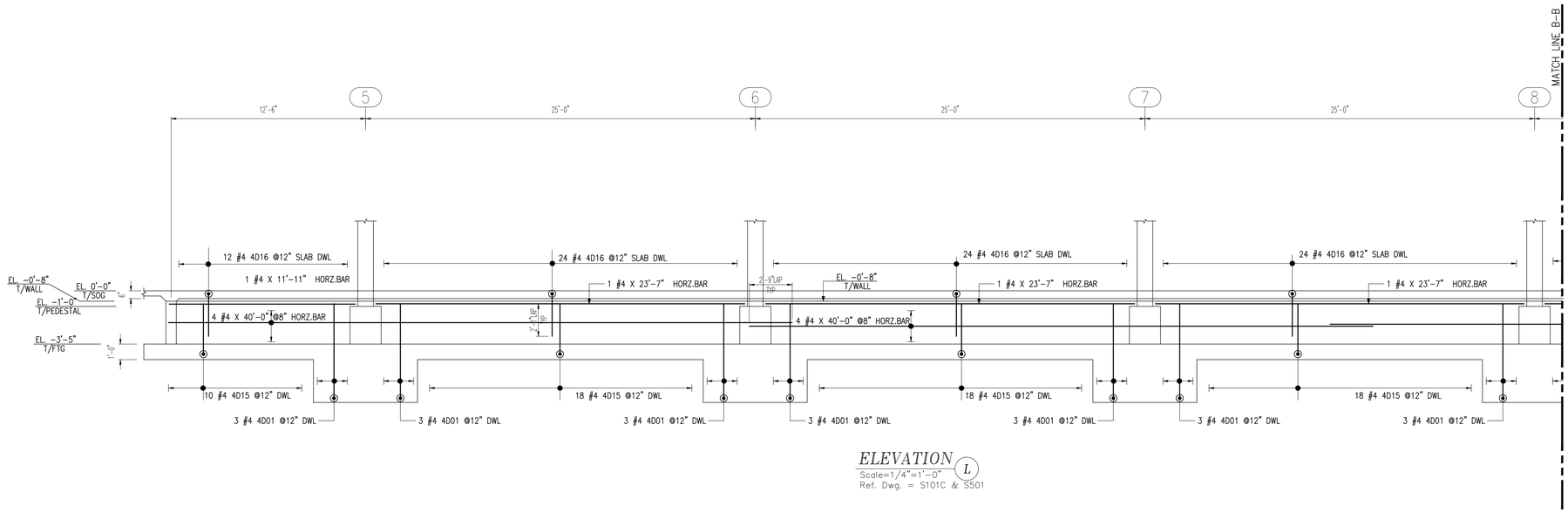
ELEVATION (K)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



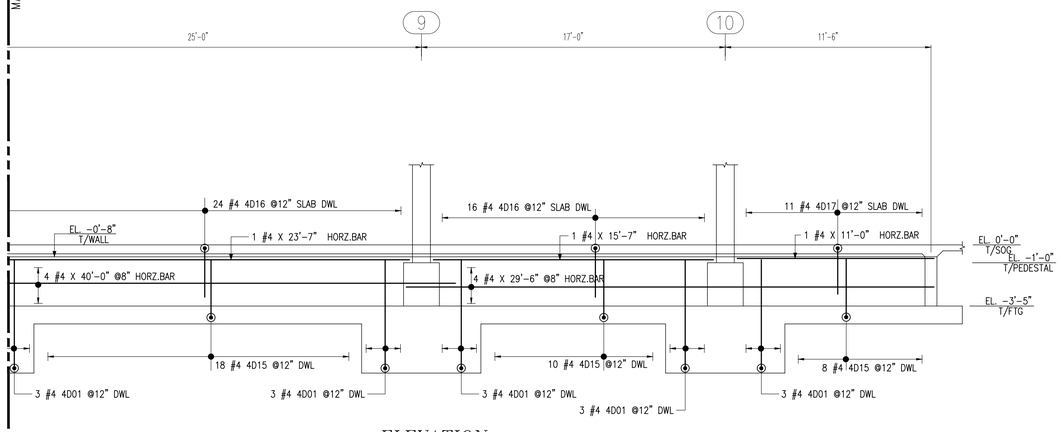
ELEVATION (M)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



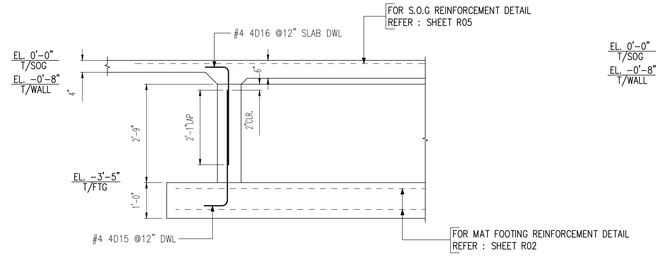
TYPICAL CORNER BAR DETAIL
Scale=1/2"=1'-0"
Ref. Dwg. =S502



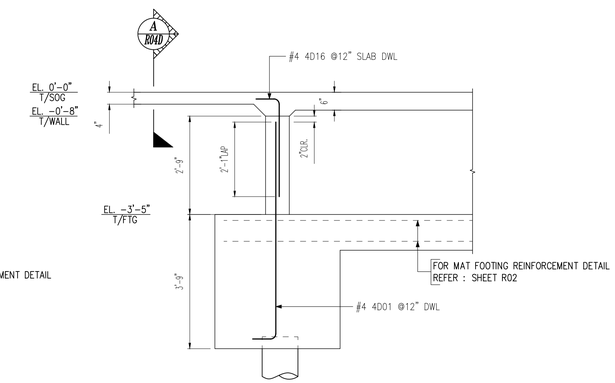
ELEVATION (L)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



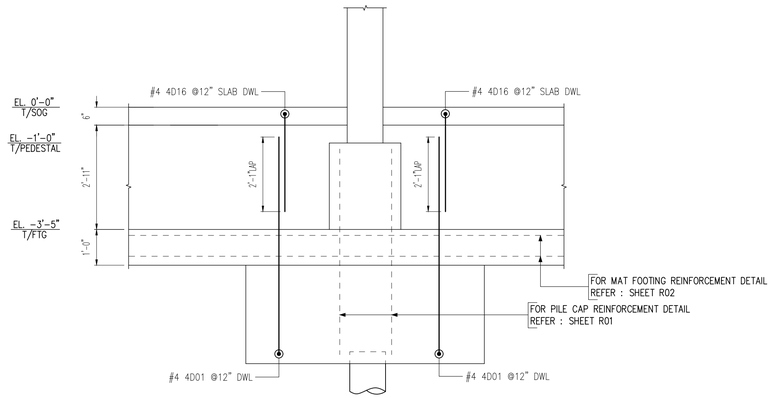
ELEVATION (L)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S501



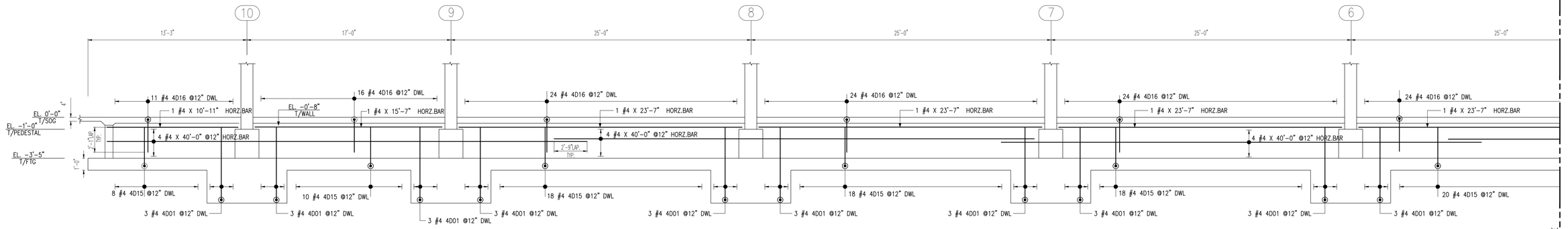
REINFORCEMENT DETAIL BETWEEN PILE CAPS
SECTION (1)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



REINFORCEMENT DETAIL AT PILE CAPS
SECTION (2)
Scale=1/2"=1'-0"
Ref. Dwg. =S301

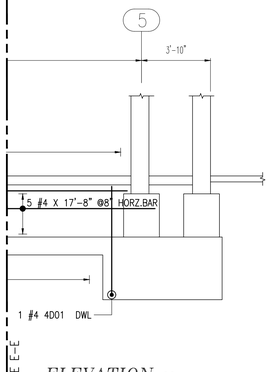


REINFORCEMENT DETAIL AT COLUMN CONDITION
SECTION (A)
Scale=1/2"=1'-0"
Ref. Dwg. =S102C

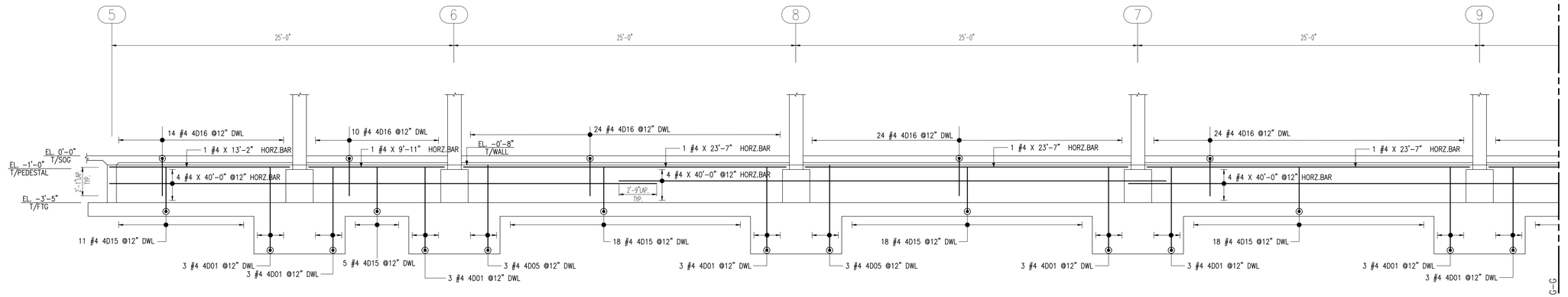


ELEVATION (E)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

MATCH LINE E-E

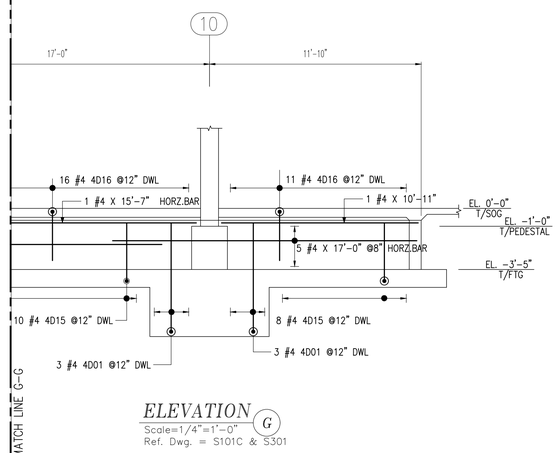


ELEVATION (E)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

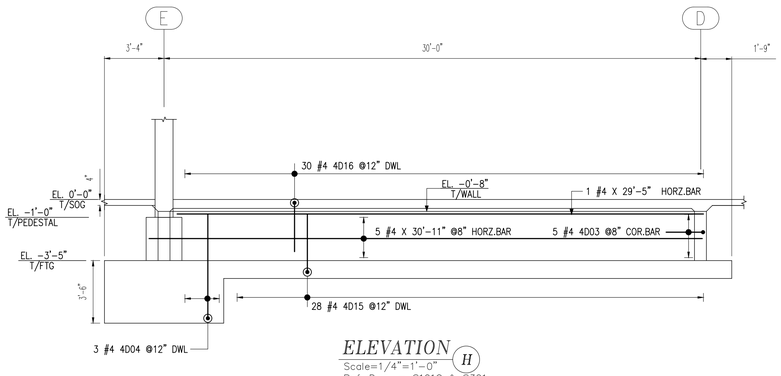


ELEVATION (G)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

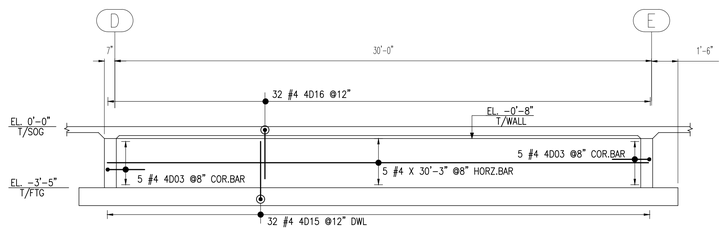
MATCH LINE G-G



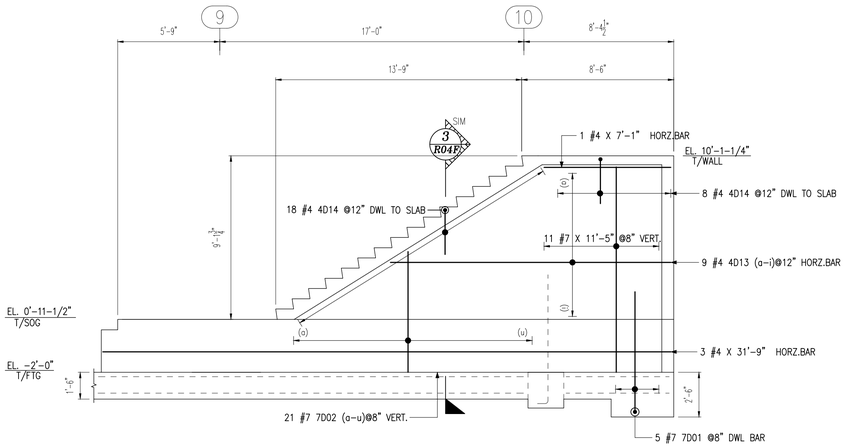
ELEVATION (G)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



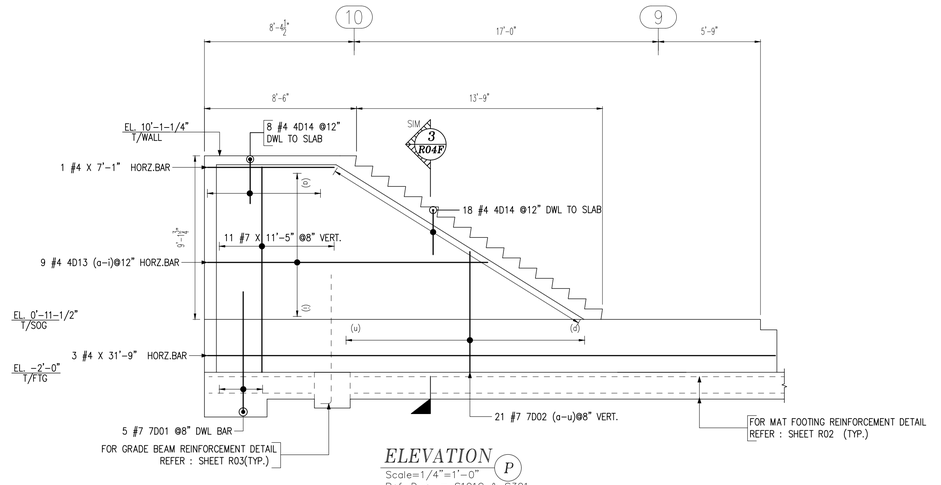
ELEVATION (H)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



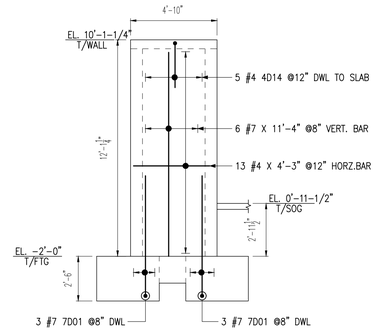
ELEVATION (F)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



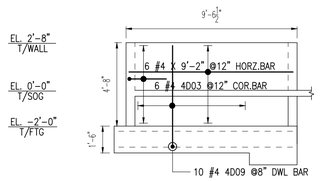
ELEVATION (N)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



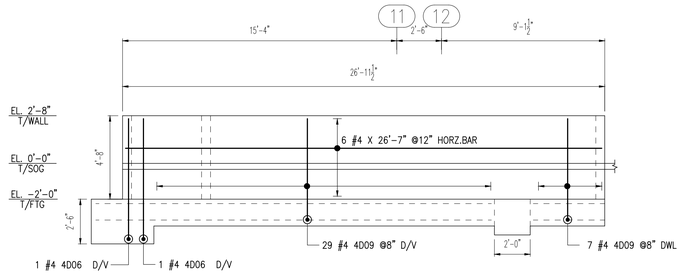
ELEVATION (P)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



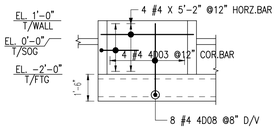
ELEVATION (Q)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



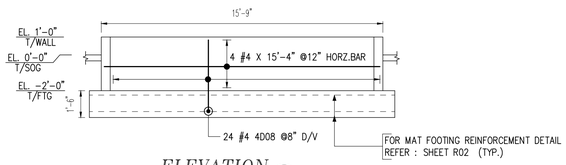
ELEVATION (V)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



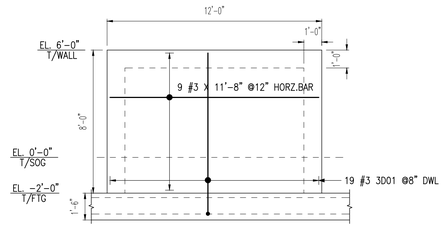
ELEVATION (W)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



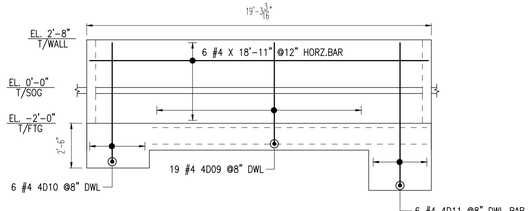
ELEVATION (Y)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



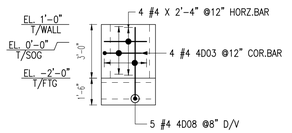
ELEVATION (Z)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



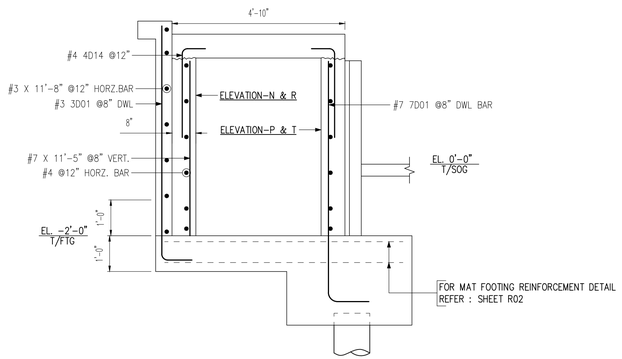
ELEVATION (AH)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



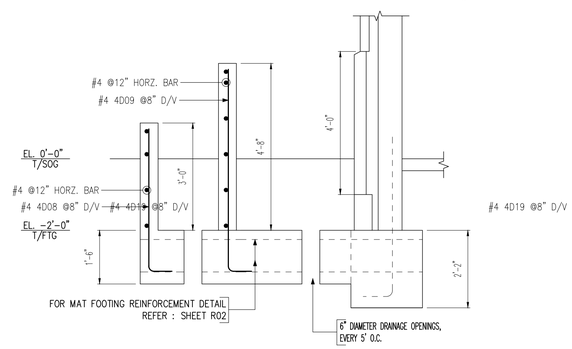
ELEVATION (AA)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



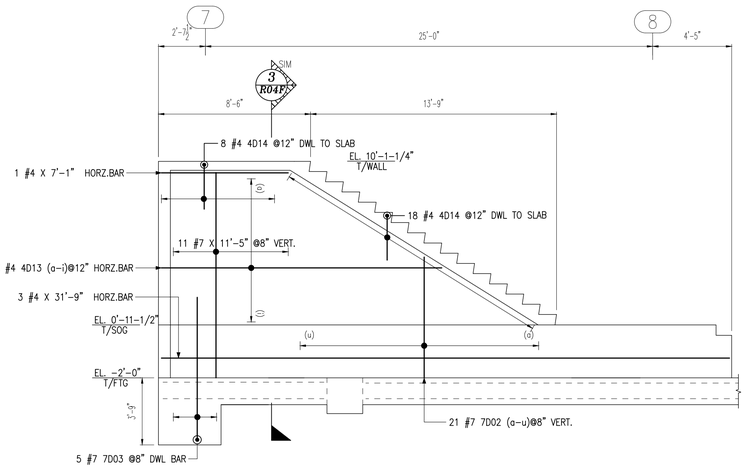
ELEVATION (AB)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



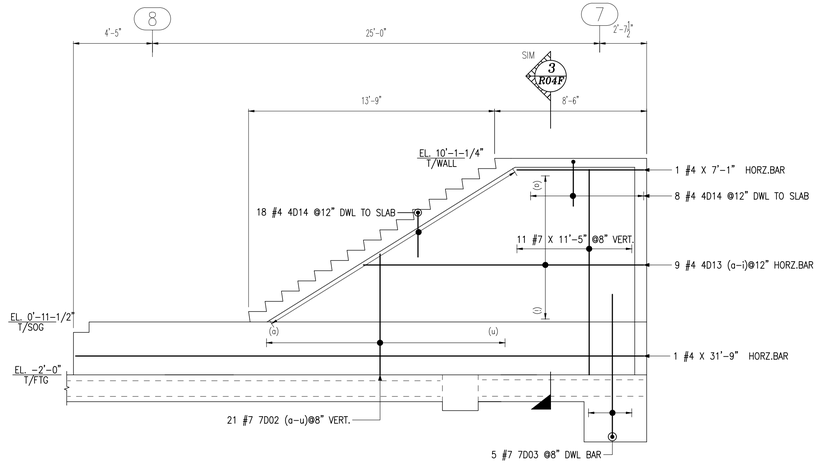
SECTION (3)
Scale=1/2"=1'-0"
Ref. Dwg. =S102C



SECTION (4)
Scale=1/2"=1'-0"
Ref. Dwg. =S102C



ELEVATION (R)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

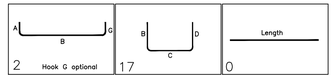


ELEVATION (T)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

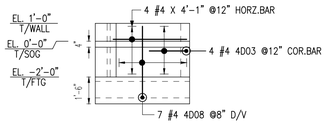
Release Number: R04A-R04G — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
3001	38	#3	9'-8"	2	0'-8"	9'-0"										
4001	188	#4	6'-9"	2	0'-8"	6'-1"										
4002	5	#4	7'-2"	2	0'-8"	6'-6"										
4003	72	#4	4'-2"	17		2'-1"	2'-1"									
4004	3	#4	6'-6"	2	0'-8"	5'-10"										
4005	6	#4	6'-11"	2	0'-8"	6'-3"										
4006	2	#4	7'-5"	2	0'-8"	6'-9"										
4008	95	#4	4'-8"	2	0'-8"	4'-0"										
4009	101	#4	6'-4"	2	0'-8"	5'-8"										
4010	6	#4	7'-4"	2	0'-8"	6'-8"										
4011	8	#4	8'-8"	2	0'-8"	8'-0"										
4012	5	#4	9'-1"	2	0'-8"	8'-5"										
4013a	4	#4	7'-7"			7'-7"										
Varies To																
4013.5	4	#4	20'-5"			20'-5"										
4014	114	#4	3'-2"	2	0'-8"	2'-6"										
4015	699	#4	3'-11"	2	0'-8"	3'-3"										
4016	871	#4	3'-5"	2	0'-8"	2'-9"										
4017	22	#4	3'-3"	2	0'-8"	2'-7"										
4019	11	#4	5'-1"	2	0'-8"	4'-5"										
7001	24	#7	7'-11"	2	1'-2"	6'-8"										
7002a	4	#7	1'-9"			1'-9"										
Varies To																
7002u	4	#7	10'-1"			10'-1"										
7003	10	#7	9'-2"	2	1'-2"	8'-0"										

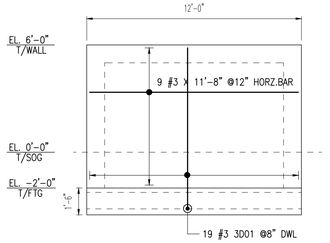
Bar list produced by RebarCAD 2020.0



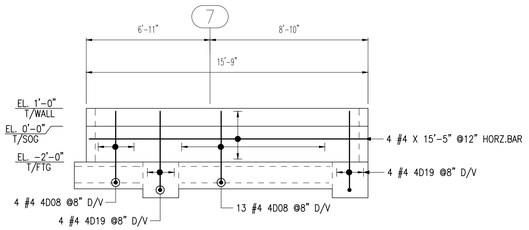
ELEVATION (U)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



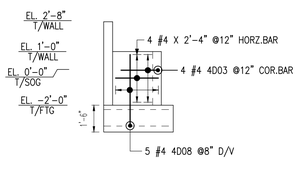
ELEVATION (AK)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



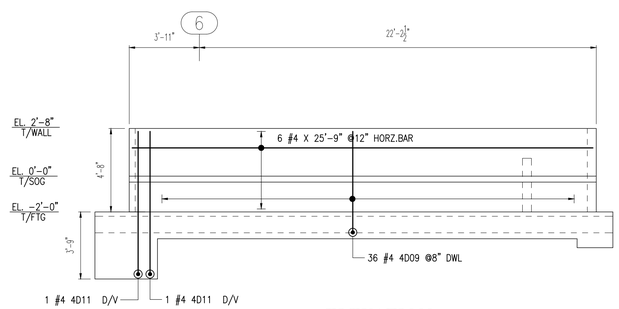
ELEVATION (AJ)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



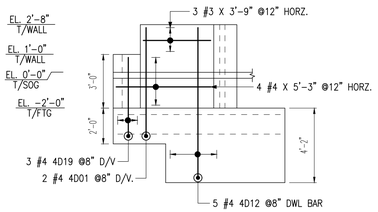
ELEVATION (AC)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



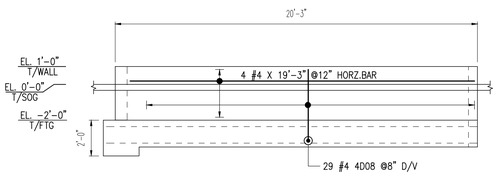
ELEVATION (AD)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



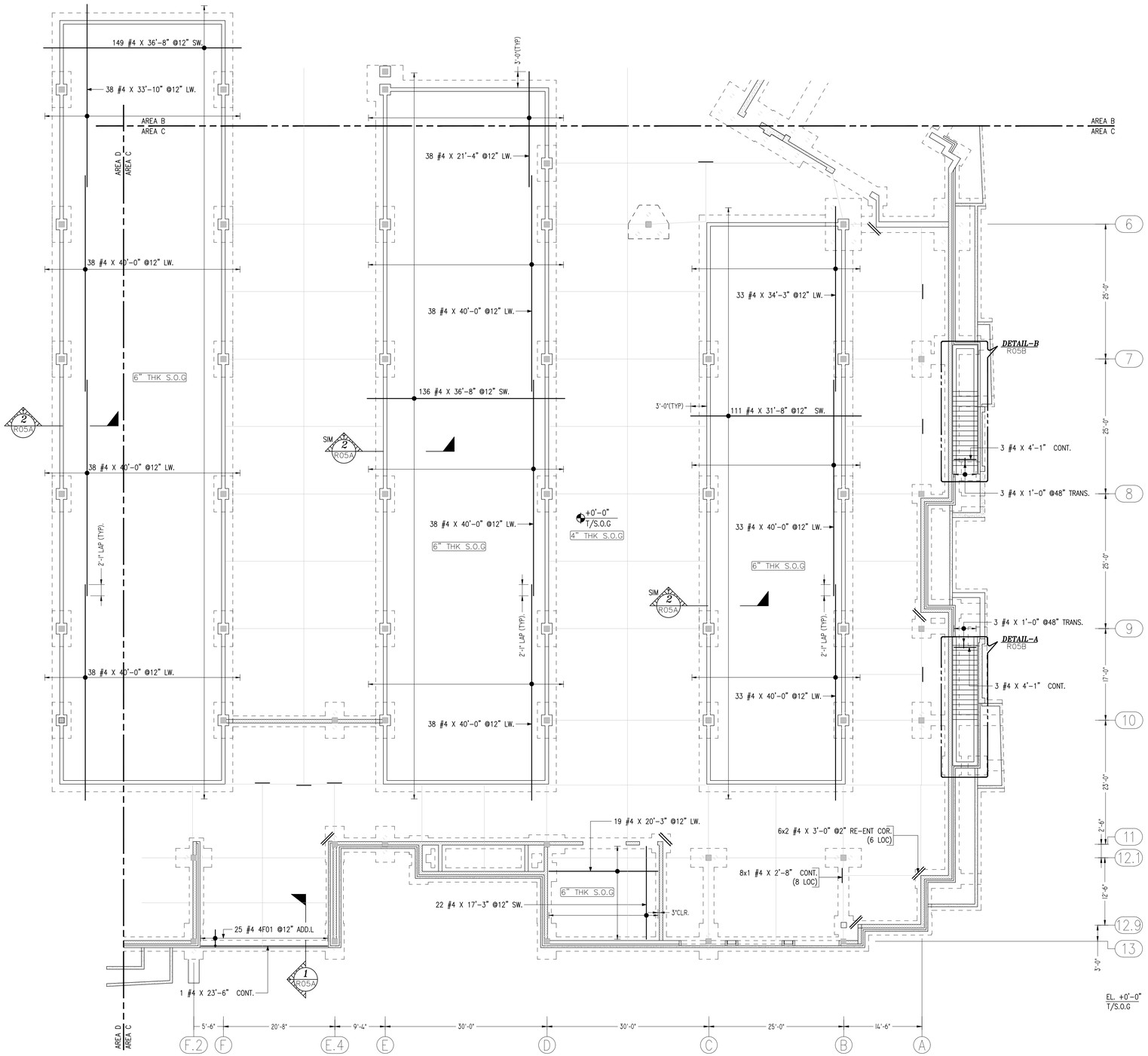
ELEVATION (AE)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



ELEVATION (AF)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301

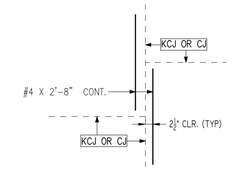


ELEVATION (AG)
Scale=1/4"=1'-0"
Ref. Dwg. = S101C & S301



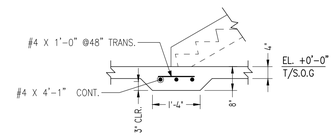
AREA-C SLAB ON GRADE REINFORCEMENT DETAILS

Scale=1/10"=1'-0"
Ref. Dwg. = S103C



TYPICAL DETAIL AT DISCONTINUOUS SLAB JOINT

Scale=1/2"=1'-0"
Ref. Dwg. = S502



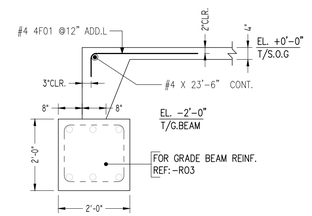
TYPICAL DETAIL. THICKNED SLAB AT STAIR

Scale=1/2"=1'-0"
Ref. Dwg. = S502

Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"

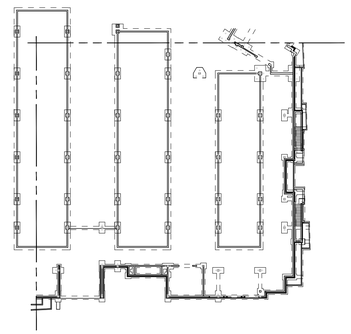
DRAWING INDEX FOR AREA C

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R01
MAT FOOTING	R02
GRADE BEAM	R03
WALL	R04
SLAB ON GRADE	R05



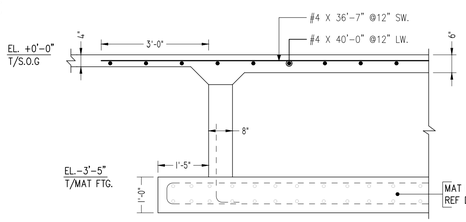
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =4/S301



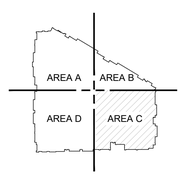
AREA-C KEY PLAN

Scale=NTS



SECTION 2

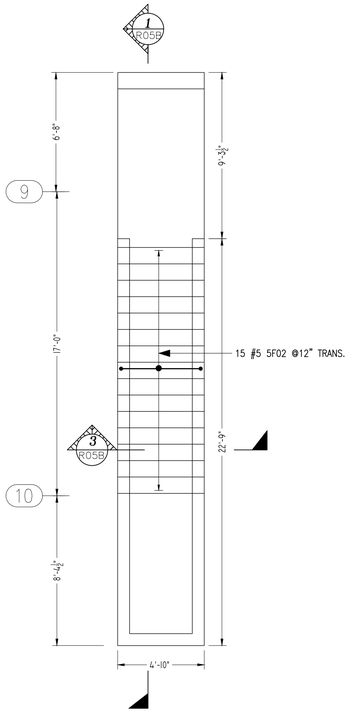
Scale=1/2"=1'-0"
Ref. Dwg. =6/S301



OVER ALL KEY PLAN

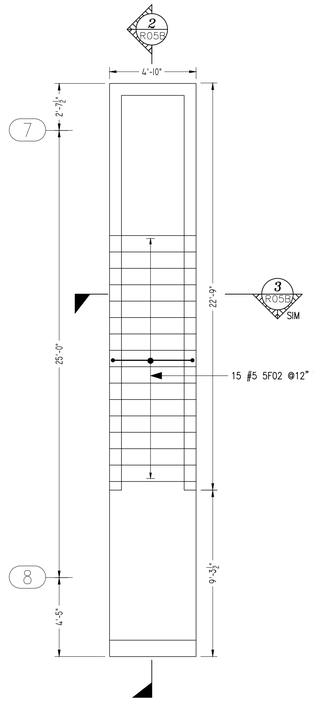
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



DETAIL–A
REINFORCEMENT DETAIL AT STAIRCASE

Scale=1/4"=1'–0"
Ref. Dwg. =S103C

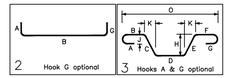


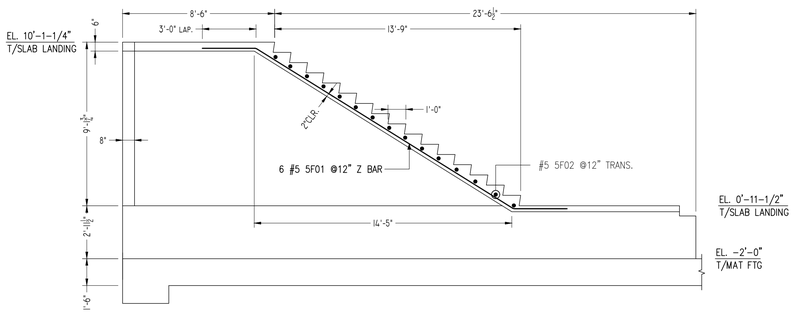
DETAIL–B
REINFORCEMENT DETAIL AT STAIRCASE

Scale=1/4"=1'–0"
Ref. Dwg. =S103C

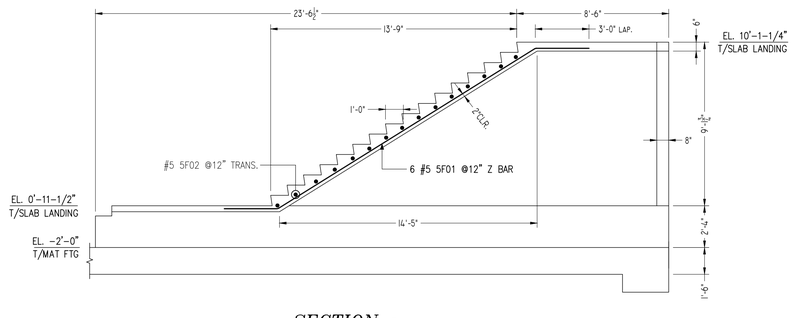
Release Number: R05A–R05B					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4F01	25	#4	3'-8"	2	0'-8"	3'-0"										
5F01	12	#5	22'-11 ½"	3		3'-0"	16'-11 ½"	3'-0"				9'-0 ½"		14'-4 ½"	20'-4 ½"	
5F02	30	#5	6'-2"	2	0'-10"	4'-6"					0'-10"					

Bar list produced by RebarCAD 2020.3

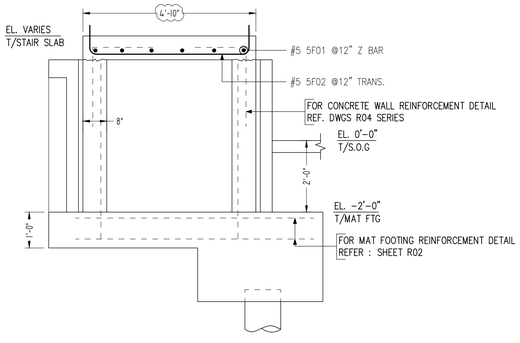




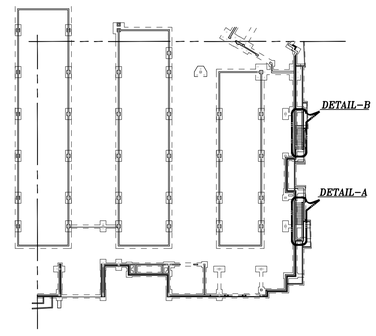
SECTION 1
Scale=1/2"=1'–0"
Ref. Dwg. =



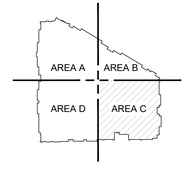
SECTION 2
Scale=1/2"=1'–0"
Ref. Dwg. =



SECTION 3
Scale=1/2"=1'–0"
Ref. Dwg. =2/S301

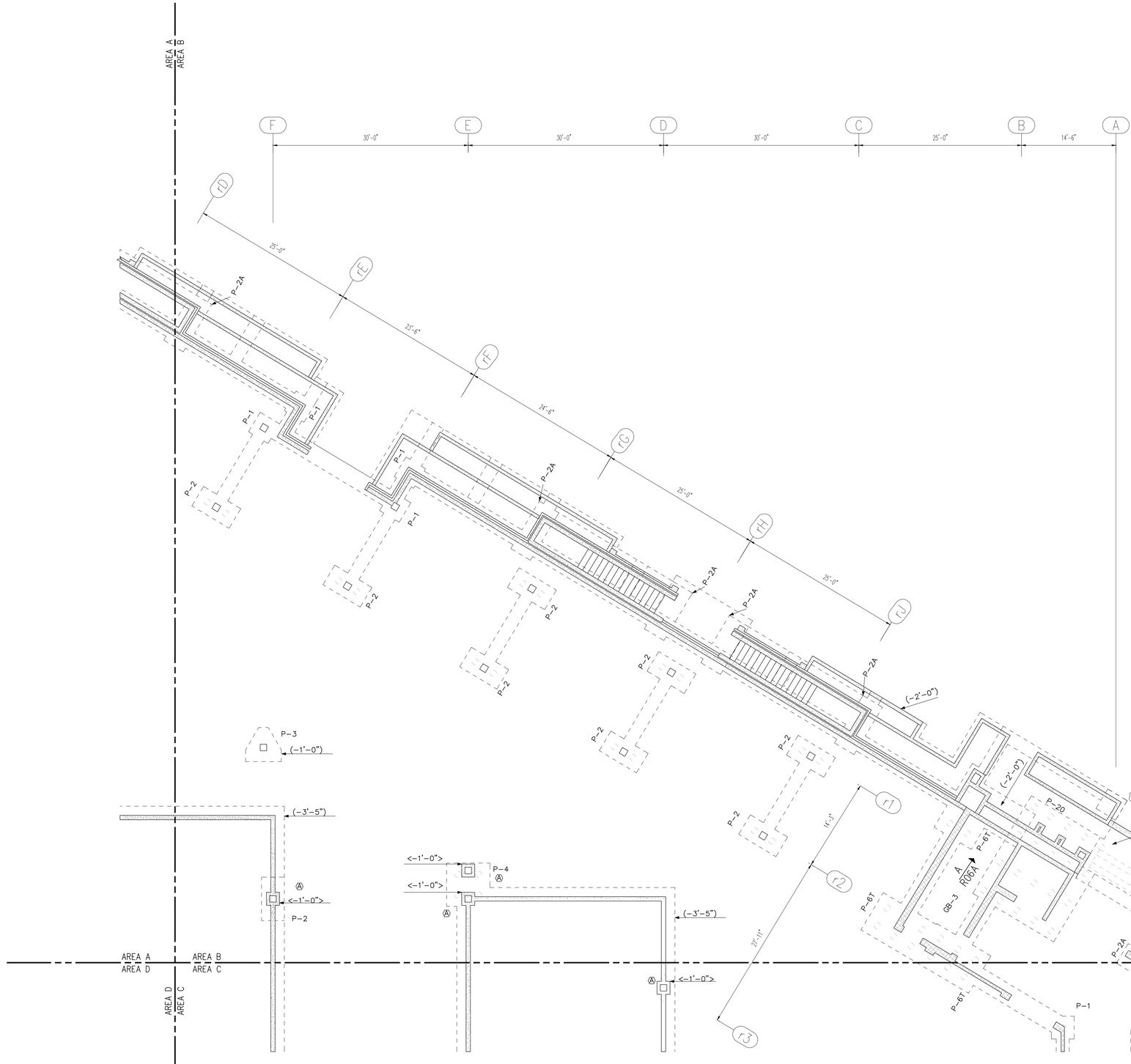


AREA–C KEY PLAN
Scale=NTS



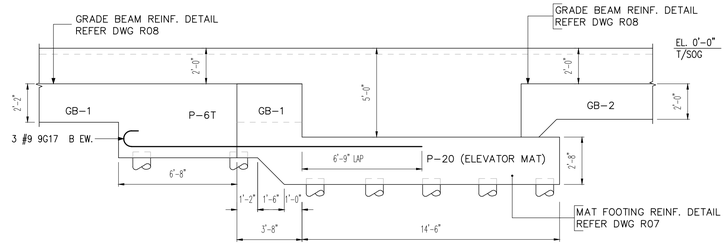
OVER ALL KEY PLAN
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



AREA-B PILE CAP AND PEDESTAL REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S101B



ELEVATION A

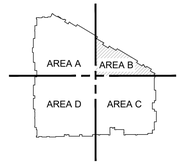
Scale=1/4"=1'-0"
Ref. Dwg. =S102B & S503

DRAWING INDEX FOR AREA B

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R06
MAT FOOTING	R07
GRADE BEAM	R08
WALL	R09
SLAB ON GRADE	R10

LEGENDS:

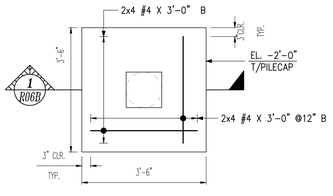
- Ⓧ = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION-MEASURED FROM REFERENCE ELEVATION 0'0"



OVER ALL KEY PLAN

Scale=NTS

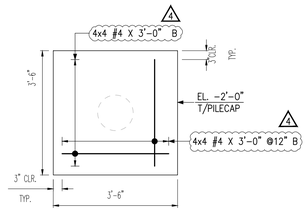
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



(2 LOCATION)

WITH COLUMN

WITH COLUMN

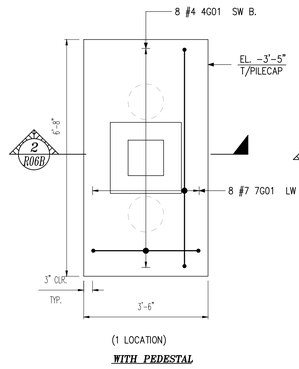


(4 LOCATION)

WITH OUT COLUMN

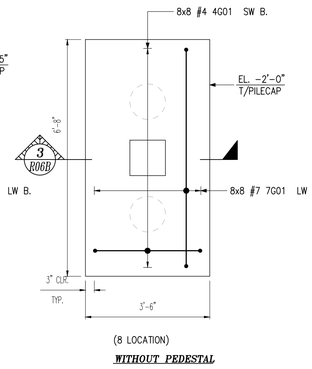
P-1 PILECAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501



(1 LOCATION)

WITH PEDESTAL

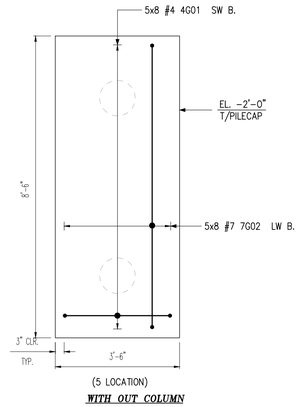


(8 LOCATION)

WITHOUT PEDESTAL

P-2 PILECAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501



(5 LOCATION)

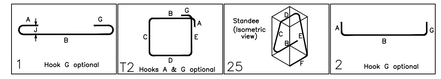
WITH OUT COLUMN

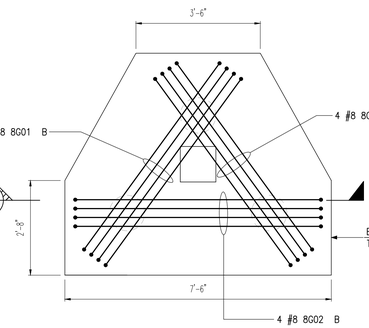
P-2A PILECAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501

Release Number: R06A-R06B																BAR LIST
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4G01	112	#4	4'-0"	1	0'-6"	3'-0"					0'-6"		0'-4"			
4G03	15	#4	8'-1"	T2	0'-4 X"	1'-10"	1'-10"	1'-10"	1'-10"		0'-4 X"					
5G01	6	#5	10'-1"	25		1'-6"	3'-0 X"	1'-0"	3'-0 X"	1'-6"			2'-11 X"		1'-5 X"	
7G01	72	#7	7'-10"	1	0'-10"	6'-2"					0'-10"		0'-7"			
7G02	40	#7	9'-4"	1	0'-10"	8'-6"					0'-10"		0'-7"			
8G01	8	#8	8'-4 X"	1	0'-11"	6'-6 X"					0'-11"		0'-8"			
8G02	4	#8	8'-10"	1	0'-11"	7'-0"					0'-11"		0'-8"			
9G01	8	#9	5'-10"	1	1'-3"	4'-3"							0'-11 X"			
9G04	28	#9	7'-0 X"	1	1'-3"	5'-9 X"							0'-11 X"			
9G07	30	#9	8'-8"	1	1'-3"	6'-2"					1'-3"		0'-11 X"			
9G08	12	#9	12'-4"	2	1'-7"	9'-2"					1'-7"					
9G09	12	#9	9'-4"	2	1'-7"	6'-2"					1'-7"					
9G10	12	#9	11'-8"	1	1'-3"	9'-2"					1'-3"		0'-11 X"			
9G11	6	#9	8'-11"	2	1'-7"	5'-9"					1'-7"					
9G12	12	#9	6'-4"	1	1'-3"	5'-1"							0'-11 X"			
9G13	12	#9	8'-8"	2	1'-7"	5'-6"					1'-7"					
9G16	4	#9	7'-0"	1	1'-3"	5'-9"							0'-11 X"			
9G17	3	#9	18'-1"	1	1'-3"	16'-10"							0'-11 X"			

Bar list produced by ReberCAD 2022.0

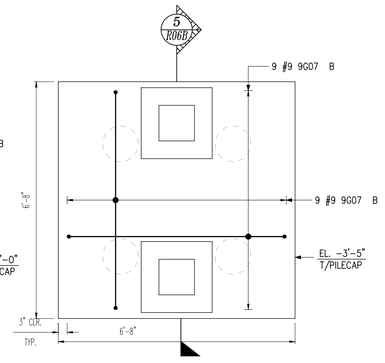




(1 LOCATION)

P-3 PILECAP

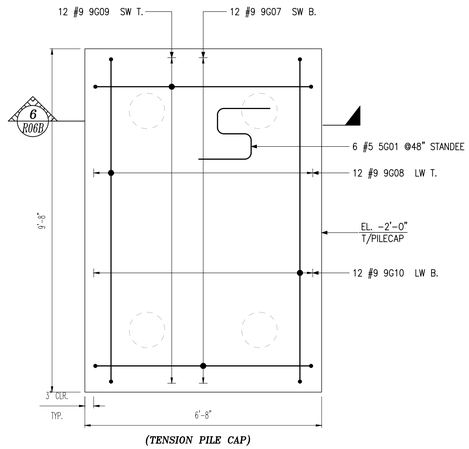
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(1 LOCATION)

P-4 PILECAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501

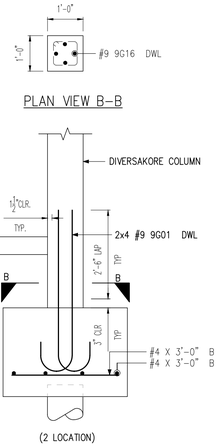


(TENSION PILE CAP)

(1 LOCATION)

P-6T PILECAP

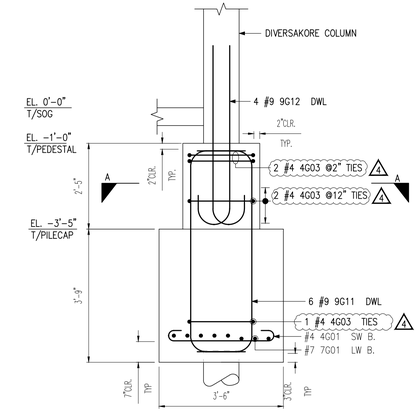
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(2 LOCATION)

SECTION 1

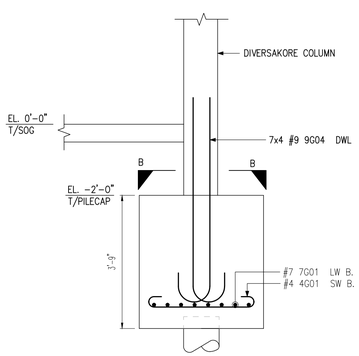
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(1 LOCATION)

SECTION 2

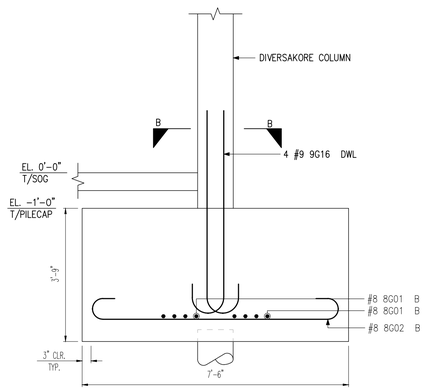
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(7 LOCATION)

SECTION 3

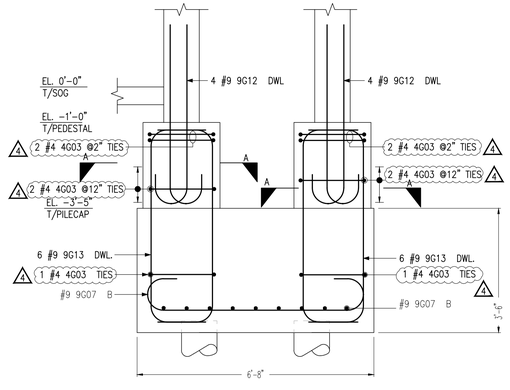
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(1 LOCATION)

SECTION 4

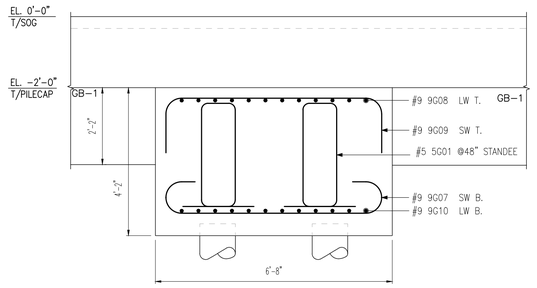
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(1 LOCATION)

SECTION 5

Scale=1/2"=1'-0"
Ref. Dwg. = S502



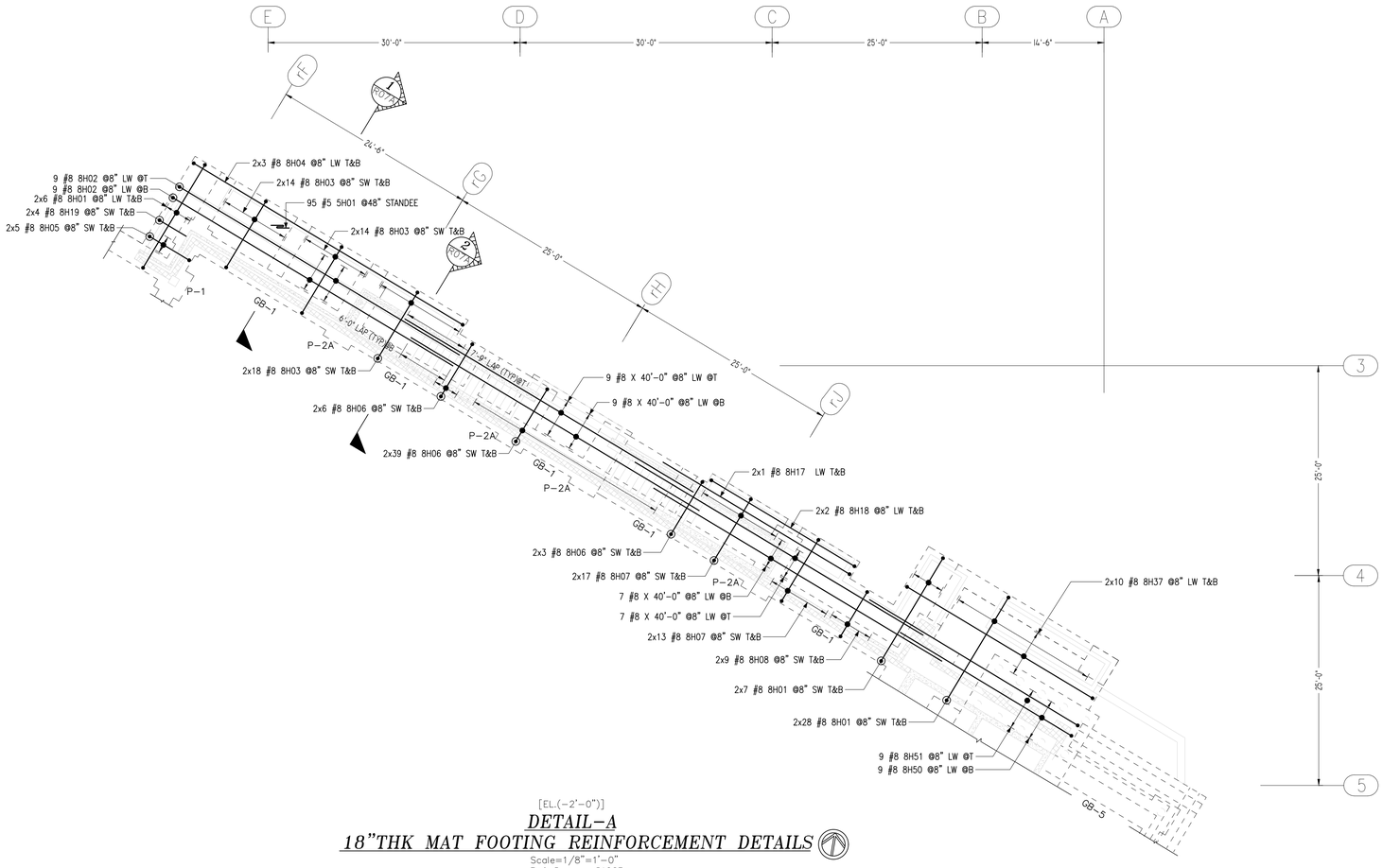
(1 LOCATION)

SECTION 6

Scale=1/2"=1'-0"
Ref. Dwg. = S502

Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



[EL.(-2'-0")]

DETAIL-A
18"THK MAT FOOTING REINFORCEMENT DETAILS

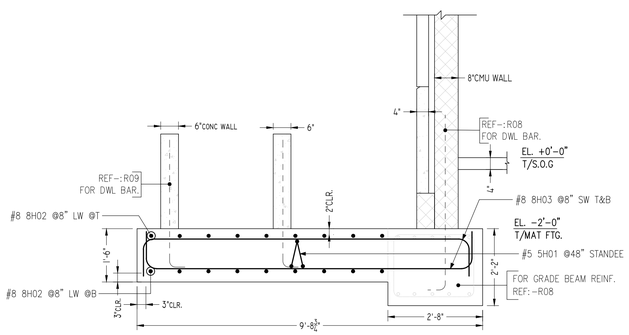
Scale=1/8"=1'-0"
Ref. Dwg. = S102B

DRAWING INDEX FOR AREA B

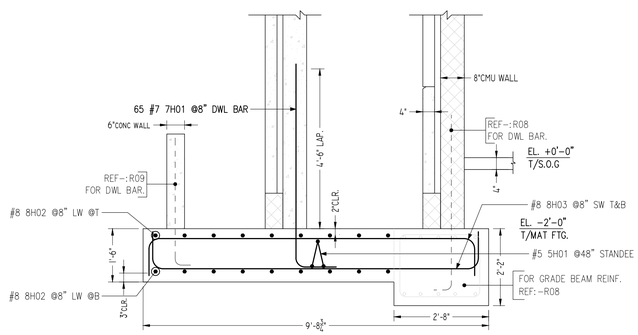
ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R06
MAT FOOTING	R07
GRADE BEAM	R08
WALL	R09
SLAB ON GRADE	R10

Mat Footing
Lap Schedule 3000 PSI

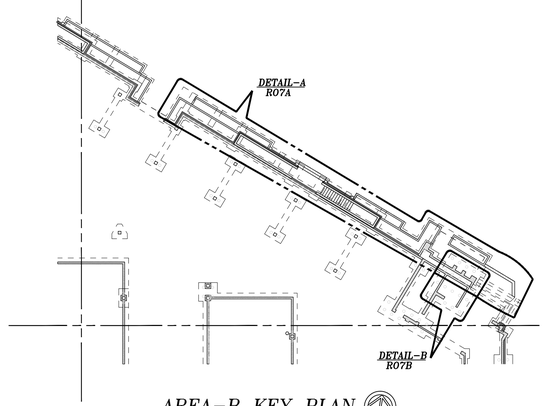
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



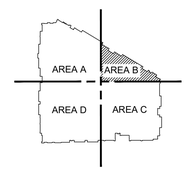
SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. =2/S301

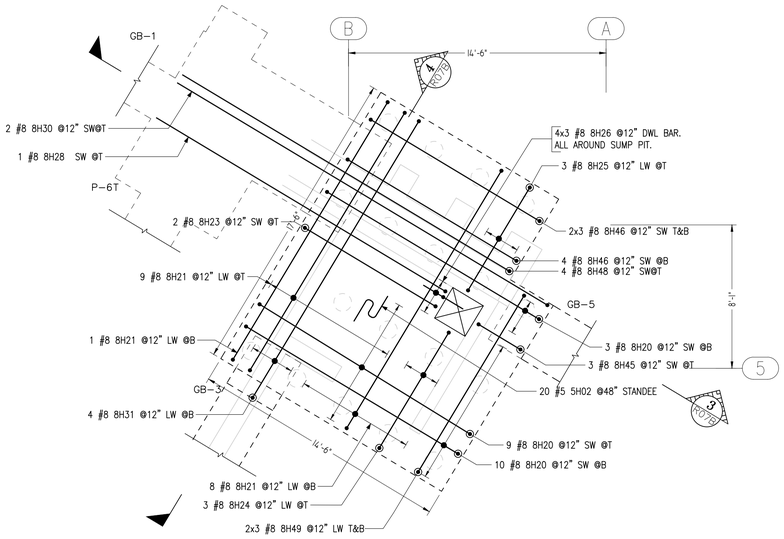


AREA-B KEY PLAN
Scale=NTS



OVER ALL KEY PLAN
Scale=NTS

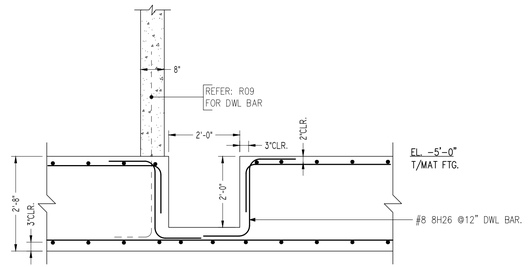
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



[EL.(-5'-0")]

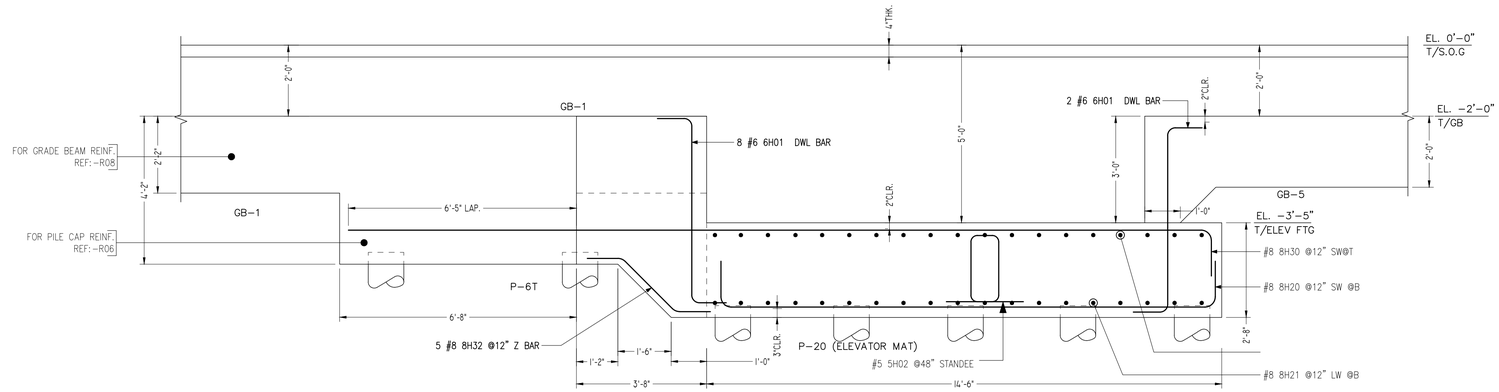
DETAIL-B
32"THK ELEVATOR PIT REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. = S102B



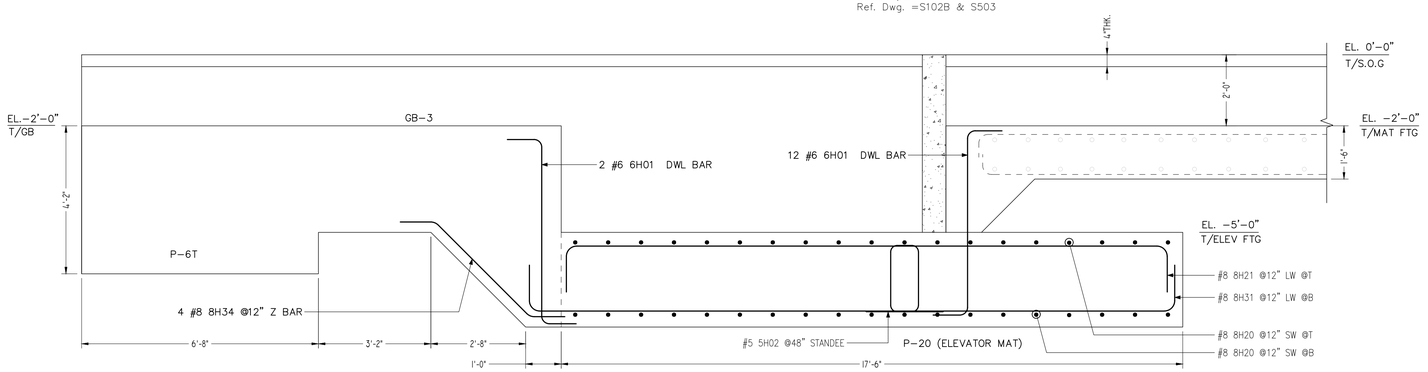
SUMP PIT

Scale=1/2"=1'-0"
Ref. Dwg. =S503



SECTION 3

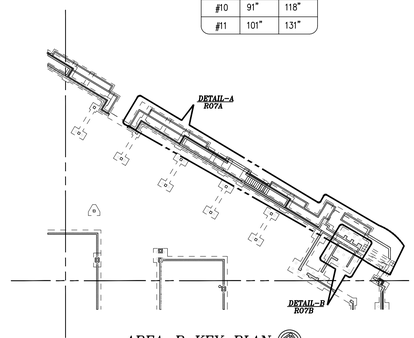
Scale=1/2"=1'-0"
Ref. Dwg. =S102B & S503



SECTION 2

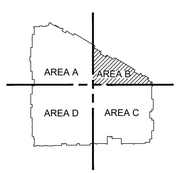
Scale=1/2"=1'-0"
Ref. Dwg. =S102B & S503

Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



AREA-B KEY PLAN

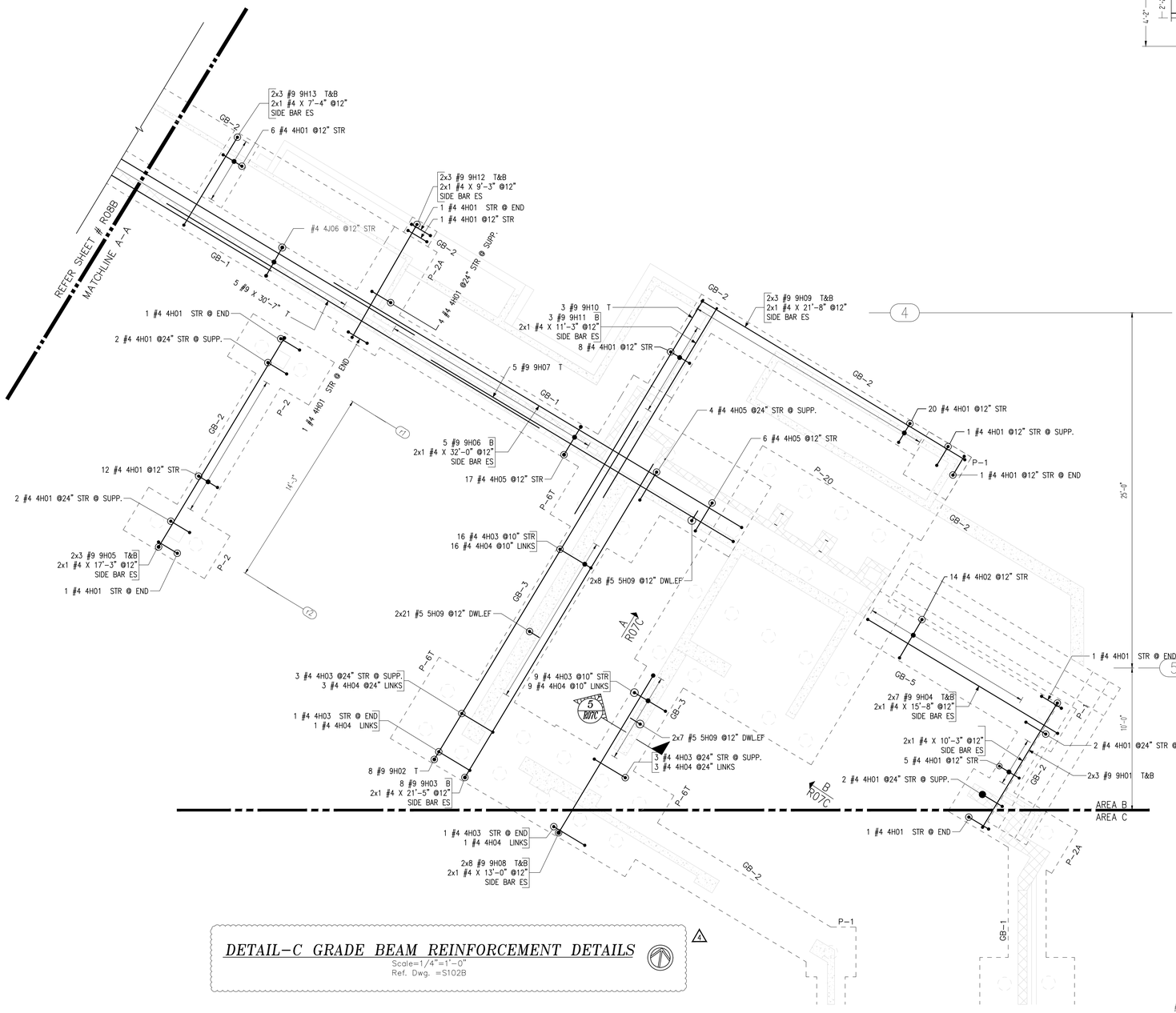
Scale=NTS



OVER ALL KEY PLAN

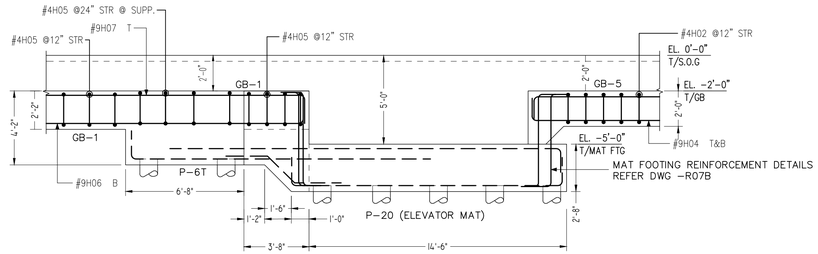
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



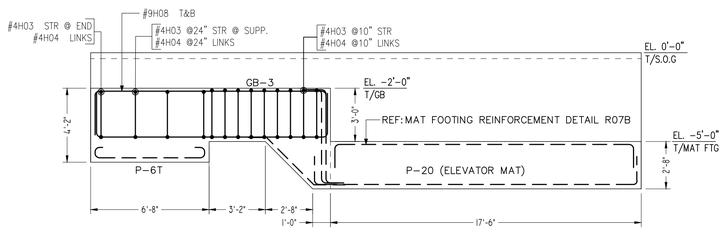
DETAIL-C GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. =S102B



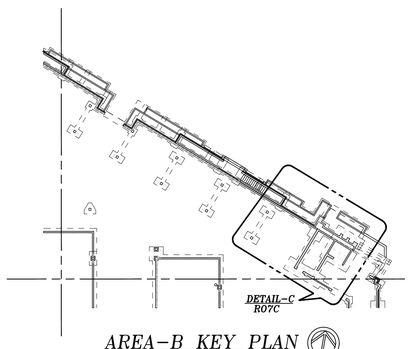
ELEVATION A

Scale=1/4"=1'-0"
Ref. Dwg. =S102B & S503



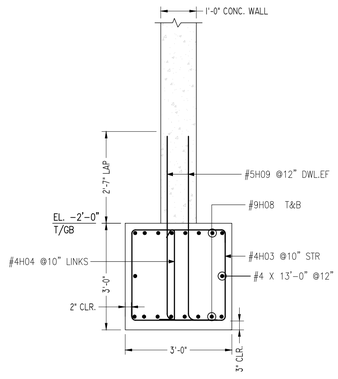
ELEVATION B

Scale=1/4"=1'-0"
Ref. Dwg. =S102B & S503



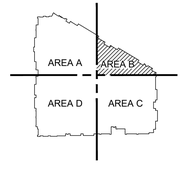
AREA-B KEY PLAN

Scale=NTS



SECTION 5

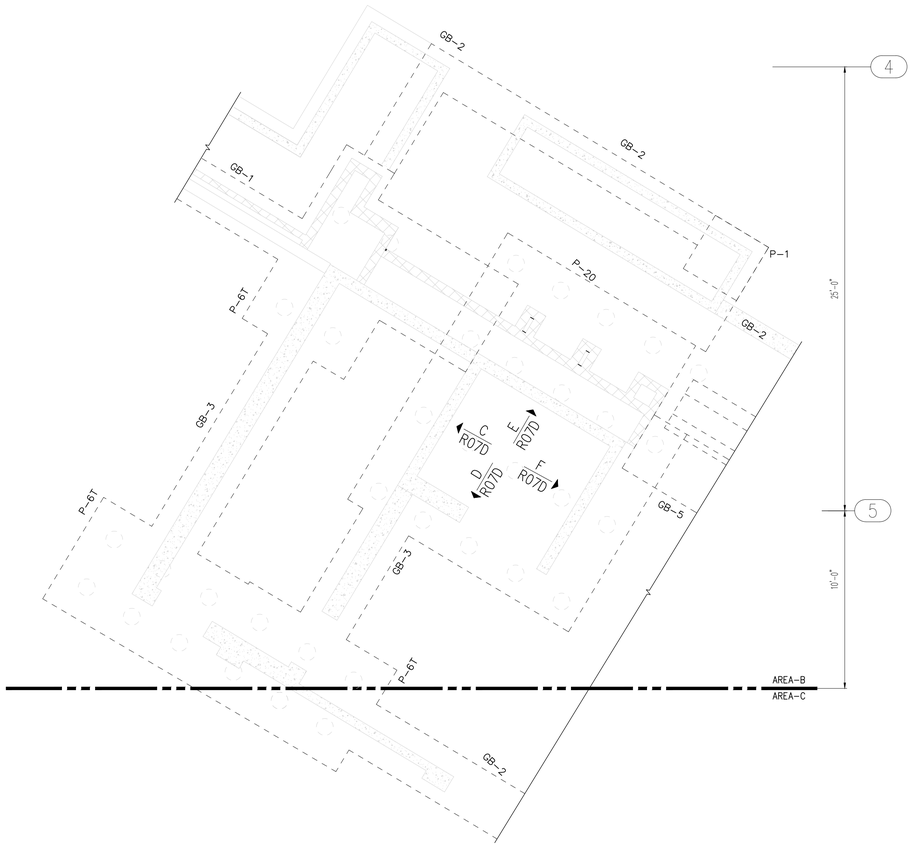
Scale=1/2"=1'-0"
Ref. Dwg. =S301



OVER ALL KEY PLAN

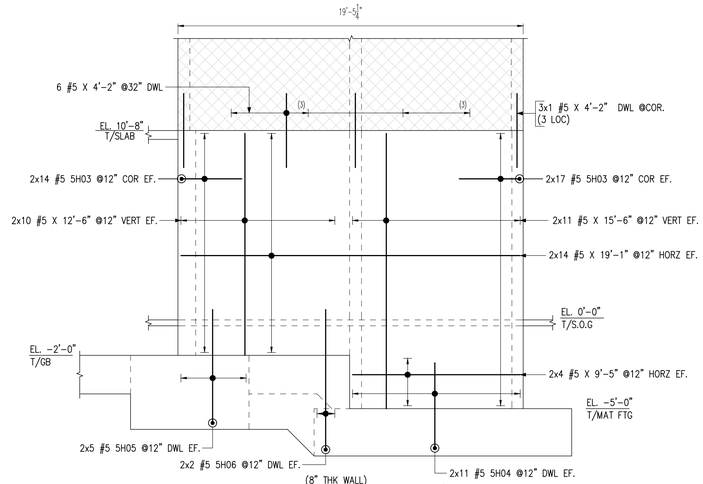
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



DETAIL-D ELEVATOR WALL LAYOUT

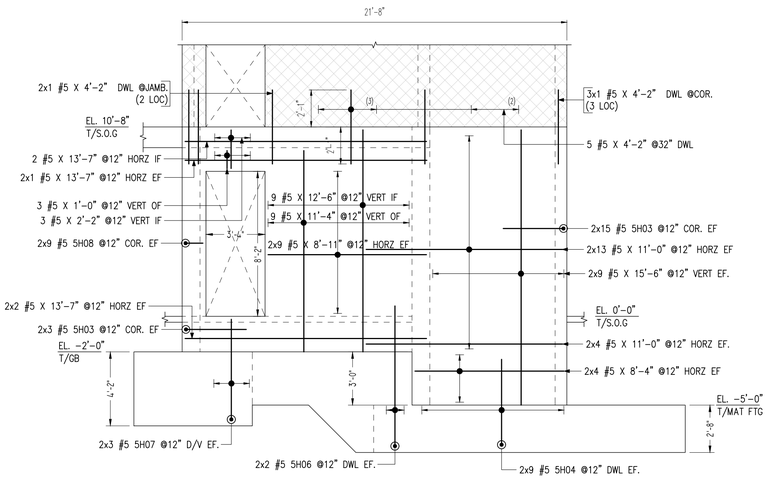
Scale=1/4"=1'-0"
Ref. Dwg. =S102B



ELEVATION E

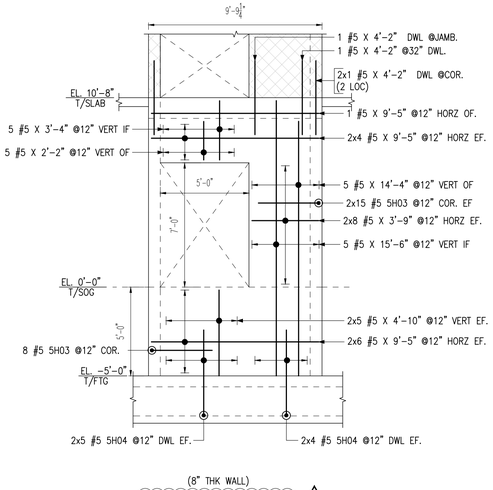
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501

Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



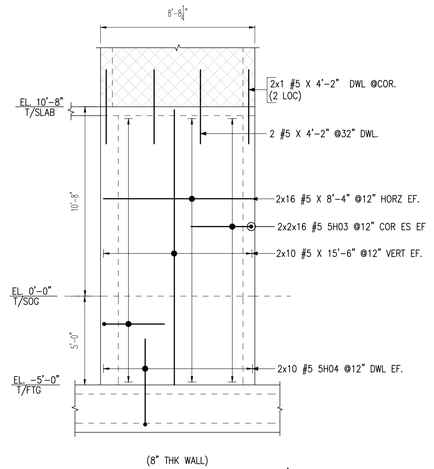
ELEVATION C

Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501



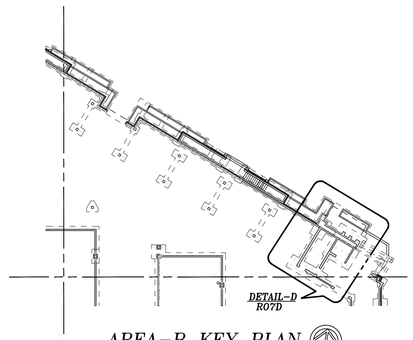
ELEVATION D

Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501



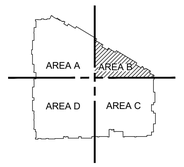
ELEVATION F

Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501



AREA-B KEY PLAN

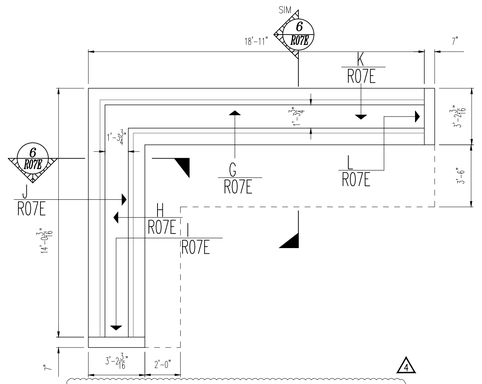
Scale=NTS



OVER ALL KEY PLAN

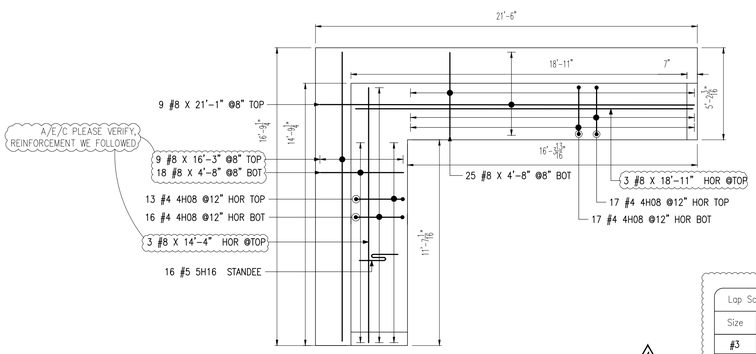
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



FLOOD BARRIER (LOBBY 1010)

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & S102B



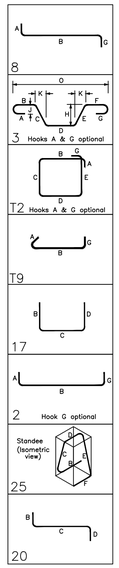
MAT REINFORCEMENT DETAIL

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & S102B

A/E/C PLEASE VERIFY LAP SCHEDULE WE FOLLOWED

Lap Schedule 6000 PSI

Size	Others	Top
#3	16"	20"
#4	20"	26"
#5	25"	33"
#6	31"	40"
#7	44"	58"
#8	51"	66"

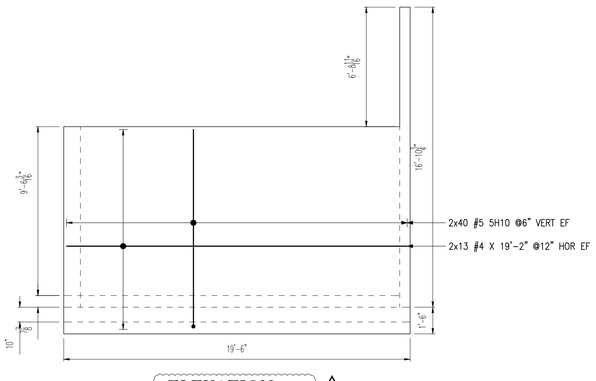


BAR LIST

Release Number: R07A-R07E

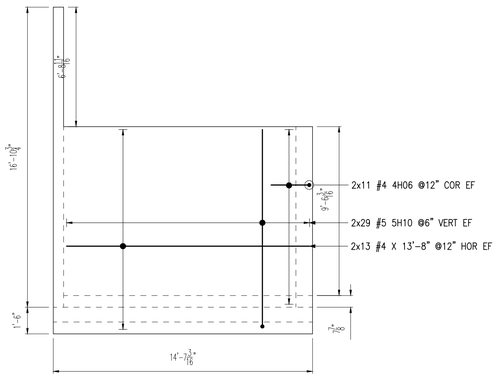
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
8101	14	#6	7'-3"	8	1'-0"	5'-3"					1'-0"					
8134	4	#8	5'-9 X"	3		1'-0"	3'-9 X"	1'-0"				2'-9"		2'-7 X"	4'-7 X"	
4101	72	#4	7'-3"	12	0'-4 X"	1'-8"	1'-7"	1'-8"	1'-7"		0'-4 X"					
4102	14	#4	10'-5"	12	0'-4 X"	3'-2"	1'-7"	3'-2"	1'-7"		0'-4 X"					
4103	33	#4	11'-3"	12	0'-4 X"	2'-8"	2'-7"	2'-8"	2'-7"		0'-4 X"					
4104	33	#4	5'-5"	19	0'-4 X"	2'-8"					0'-4 X"					
4105	27	#4	8'-11"	12	0'-4 X"	2'-4"	1'-9"	2'-4"	1'-9"		0'-4 X"					
4106	74	#4	4'-4"	17		2'-2"	2'-2"									
4108	63	#4	4'-0"	2		0'-8"	2'-8"				0'-8"					
4113	52	#4	2'-1"	2		0'-8"	1'-5"									
4115	24	#4	7'-0"	17		2'-2"	2'-8"	2'-2"								
4117	24	#4	6'-0"	17		2'-2"	1'-8"	2'-2"								
5102	20	#5	7'-9"	25		1'-6"	1'-11 X"	0'-10"	1'-11 X"	1'-8"		1'-11"		0'-11 X"		
5103	200	#5	6'-10"	17		3'-5"	3'-5"									
5104	78	#5	5'-8"	2	0'-10"	4'-10"										
5105	10	#5	7'-3"	2	0'-10"	6'-5"										
5106	8	#5	8'-9"	2	0'-10"	7'-11"										
5107	6	#5	6'-6"	2	0'-10"	5'-8"										
5108	18	#5	4'-5"	17		1'-0"	3'-5"									
5109	72	#5	6'-0 X"	2	0'-10"	5'-2 X"										
5110	254	#5	11'-11 X"	2	0'-10"	11'-1 X"										
5114	14	#5	16'-8"	2	0'-10"	17'-10"										
5115	14	#5	18'-9 X"	2	0'-10"	17'-11 X"										
5116	16	#5	5'-3 X"	25		1'-8"	0'-9 X"	0'-10"	0'-9 X"	1'-8"		0'-9 X"		0'-4 X"		
8101	10	#6	7'-3"	8	1'-0"	5'-3"					1'-0"					
8101	70	#8	16'-6 X"	17		1'-1"	14'-4 X"	1'-1"								
8120	22	#8	16'-8"	2	1'-4"	14'-0"					1'-4"					
8121	18	#8	18'-8"	2	1'-4"	17'-0"					1'-4"					
8123	2	#8	11'-4"	2	1'-4"	8'-8"					1'-4"					
8124	3	#8	10'-4"	2	1'-4"	7'-8"					1'-4"					
8125	3	#8	9'-6"	2	1'-4"	6'-10"					1'-4"					
8126	12	#8	4'-11"	20		1'-4"	2'-3"	1'-4"								
8128	1	#8	20'-4"	2	1'-4"	19'-0"										
8130	2	#8	25'-8"	2	1'-4"	24'-4"										
8131	4	#8	20'-11"	2	1'-4"	18'-3"					1'-4"					
8132	5	#8	4'-1 X"	3		1'-0"	2'-1 X"	1'-0"				1'-7"		1'-5 X"	3'-5 X"	
8137	20	#8	28'-0"	17		1'-1"	25'-10"	1'-1"								
8145	3	#8	5'-6"	2	1'-4"	2'-10"					1'-4"					
8146	10	#8	13'-10"	2	1'-4"	11'-2"					1'-4"					
8148	4	#8	22'-10"	2	1'-4"	21'-6"										
8149	6	#8	14'-4"	2	1'-4"	11'-8"					1'-4"					
8150	9	#8	24'-11"	17		1'-1"	23'-10"									
8151	9	#8	30'-11"	17		1'-11"	29'-0"									
9101	6	#9	13'-5 X"	2	1'-7"	10'-3 X"					1'-7"					
9102	8	#9	29'-5"	2	1'-7"	27'-10"										
9103	8	#9	27'-4 X"	2	1'-7"	25'-9 X"										
9104	14	#9	18'-10"	2	1'-7"	15'-8"					1'-7"					
9105	6	#9	20'-5"	2	1'-7"	17'-3"					1'-7"					
9106	5	#9	35'-1"	2	1'-7"	33'-6"										
9107	5	#9	26'-5"	2	1'-7"	24'-10"										
9108	16	#9	16'-7"	2	1'-7"	13'-6"					1'-7"					
9109	6	#9	24'-10"	2	1'-7"	21'-8"					1'-7"					
9110	3	#9	19'-2"	2	1'-7"	17'-7"										
9111	3	#9	17'-2"	2	1'-7"	15'-7"										
9112	6	#9	12'-5"	2	1'-7"	9'-3"					1'-7"					
9113	6	#9	10'-6"	2	1'-7"	7'-4"					1'-7"					

Bar list produced by RebarCAD 2023.0



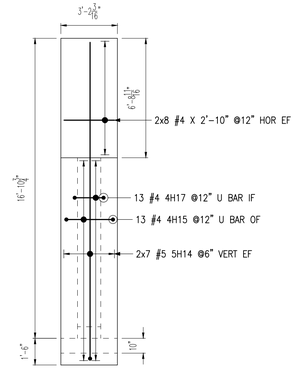
ELEVATION G

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



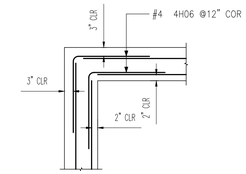
ELEVATION H

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



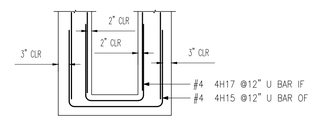
ELEVATION I

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



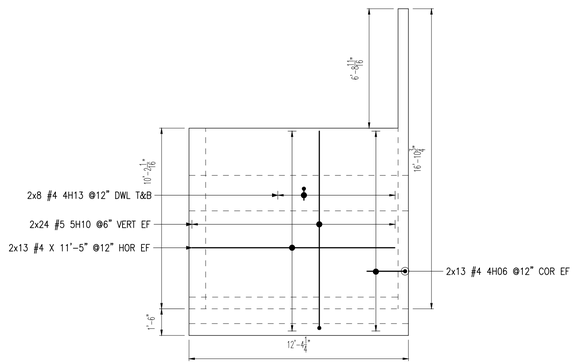
TYPICAL CORNER BAR DETAIL

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



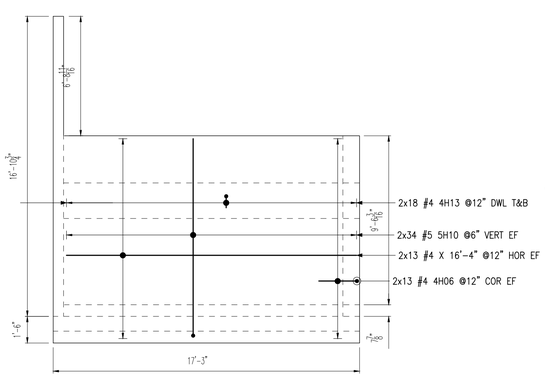
TYPICAL U-BAR DETAIL

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



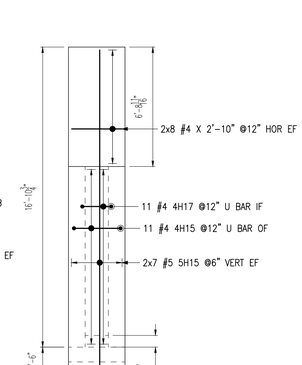
ELEVATION J

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



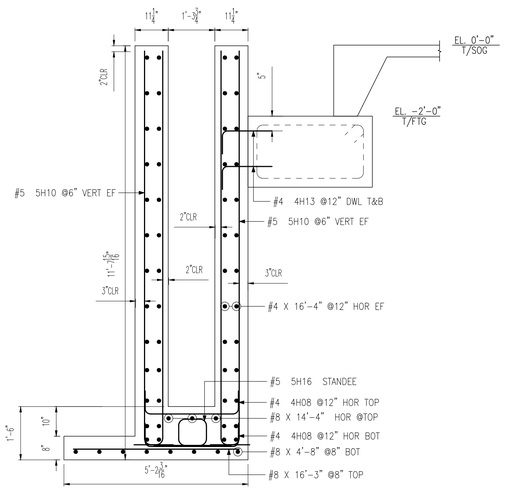
ELEVATION K

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



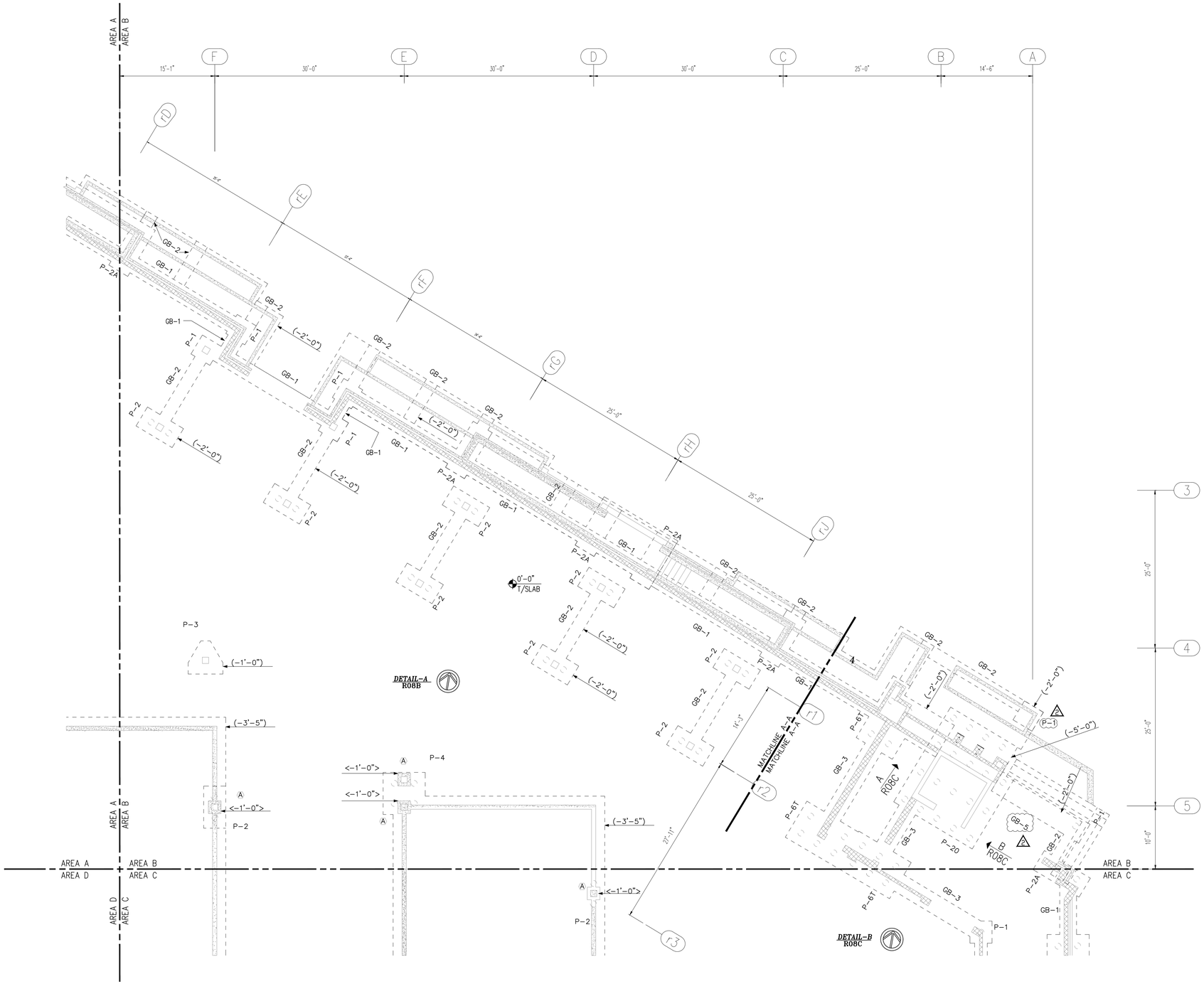
ELEVATION L

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



SECTION 6

Scale=1/2"=1'-0"
Ref. Dwg. =1/S302



AREA-B GRADE BEAM LAYOUT

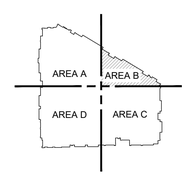
Scale=1/8"=1'-0"
Ref. Dwg. = S102B

DRAWING INDEX FOR AREA B

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R06
MAT FOOTING	R07
GRADE BEAM	R08
WALL	R09
SLAB ON GRADE	R10

LEGENDS:

- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION- MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

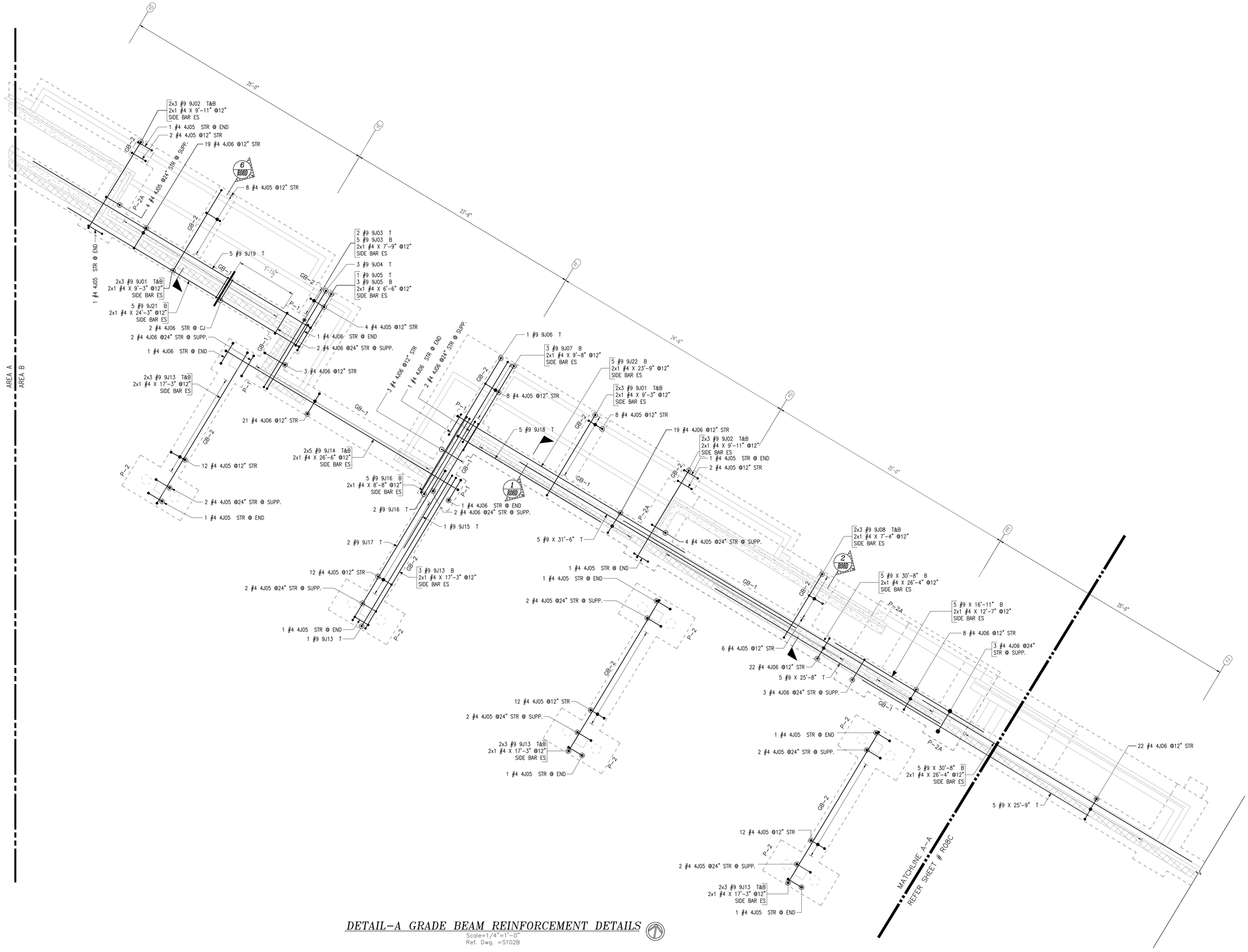


OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.

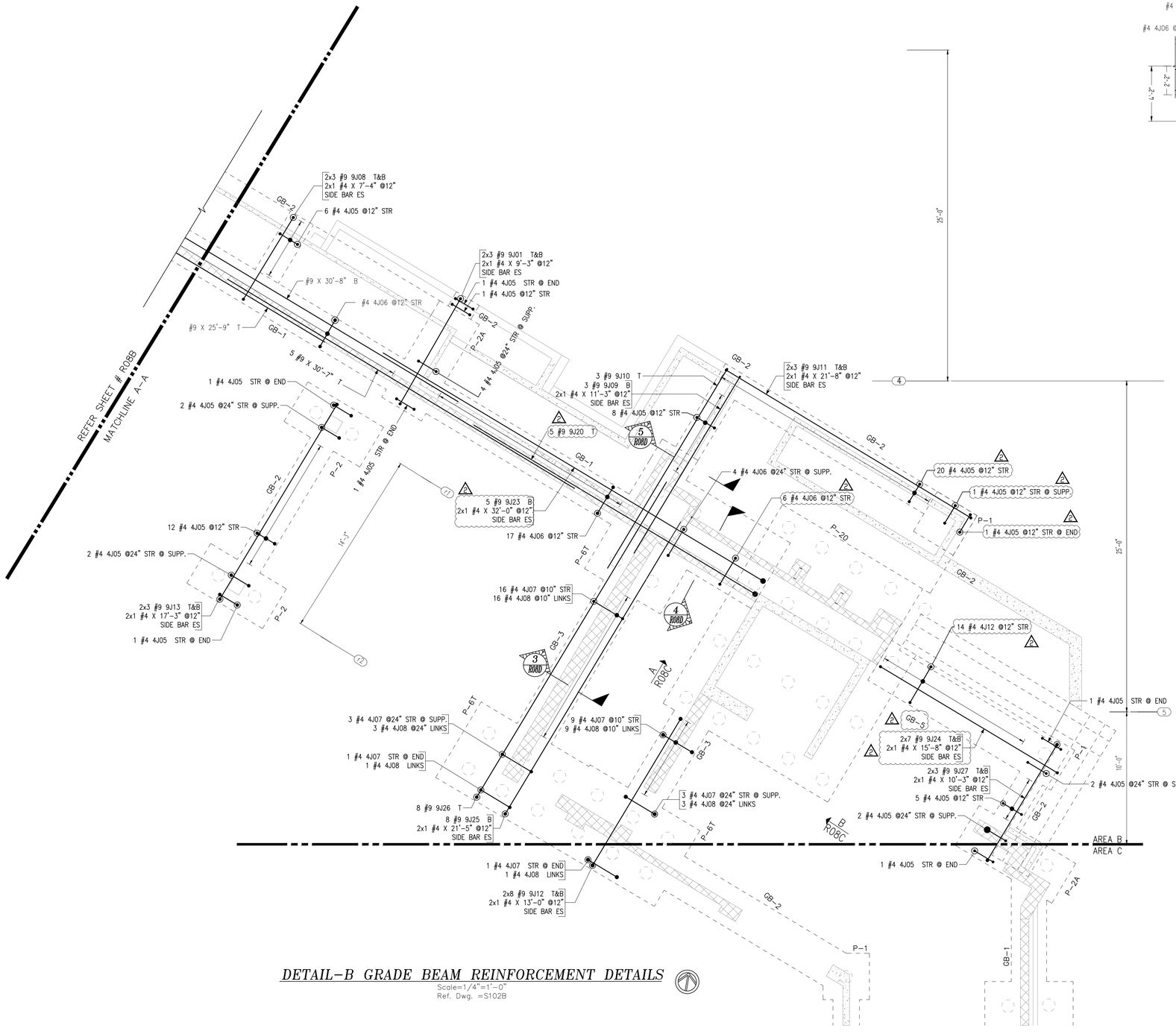
AREA A
AREA B



DETAIL-A GRADE BEAM REINFORCEMENT DETAILS

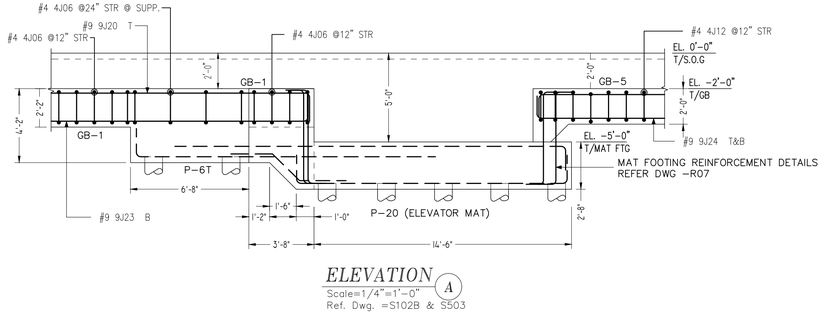
Scale=1/4"=1'-0"
Ref. Dwg. =S102B

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



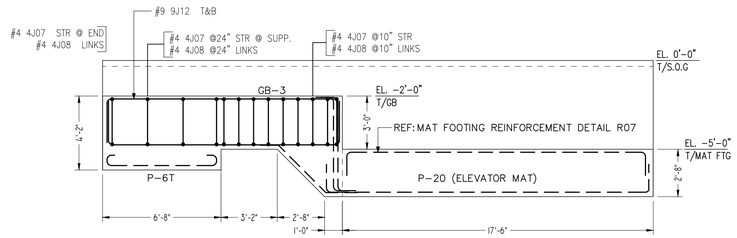
DETAIL–B GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. =S102B



ELEVATION (A)

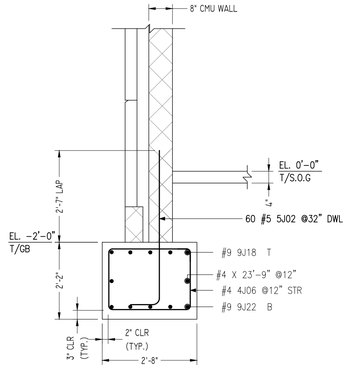
Scale=1/4"=1'-0"
Ref. Dwg. =S102B & S503



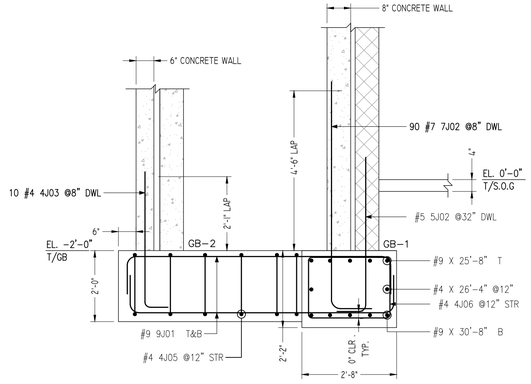
ELEVATION (B)

Scale=1/4"=1'-0"
Ref. Dwg. =S102B & S503

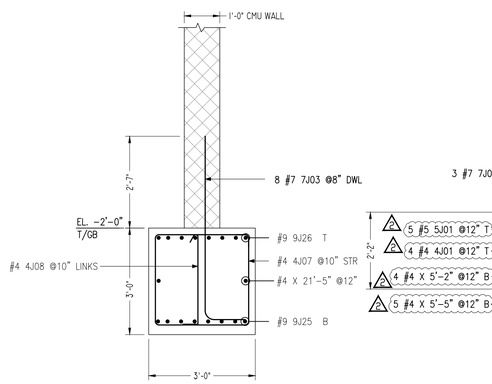
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



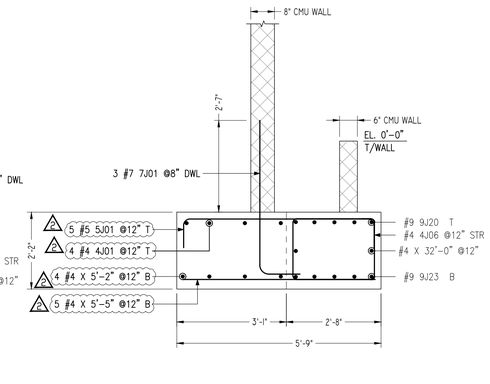
SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. =1/S301



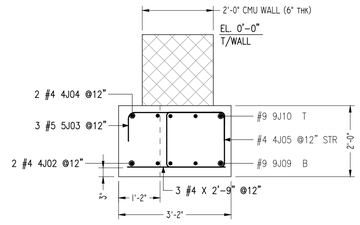
SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



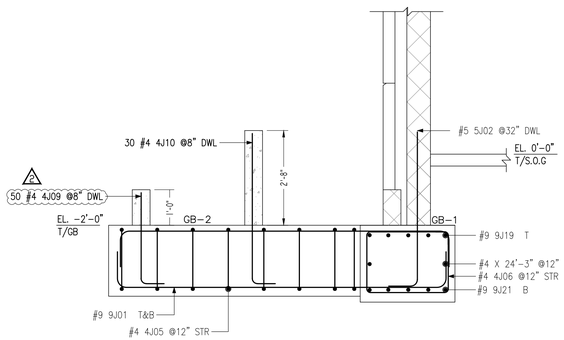
SECTION 3
Scale=1/2"=1'-0"
Ref. Dwg. =S301



SECTION 4
Scale=1/2"=1'-0"
Ref. Dwg. =S501



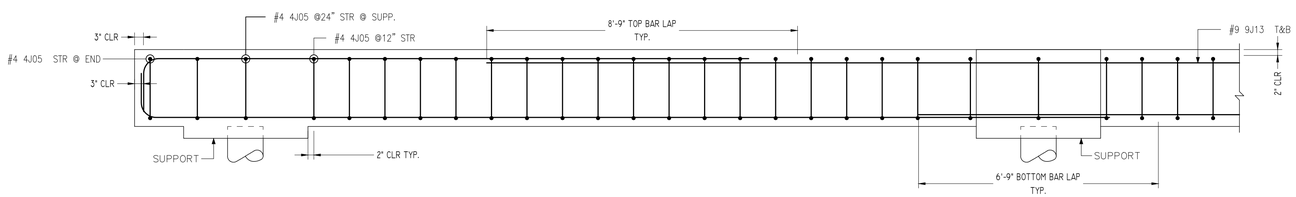
SECTION 5
Scale=1/2"=1'-0"
Ref. Dwg. =S501



SECTION 6
Scale=1/2"=1'-0"
Ref. Dwg. =S301

CONSTRUCTION JOINT AT GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501

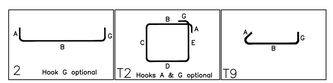
STEPPED GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501



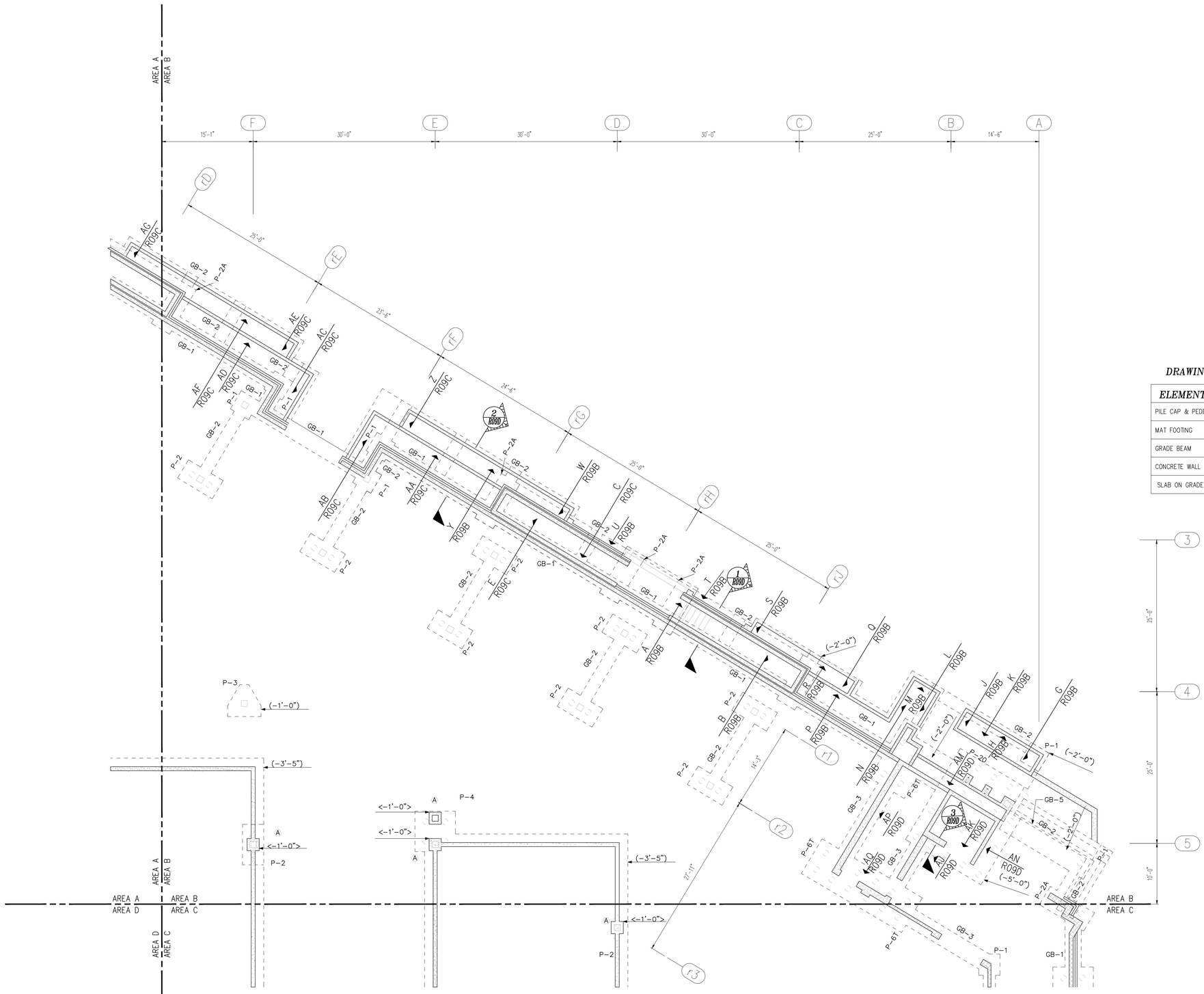
TYPICAL GRADE BEAM DETAIL
Scale=1/2"=1'-0"
Ref. Dwg. = S501

Release Number: R08A-R08D					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4J01	4	#4	6'-6"	2	0'-8"	5'-2"					0'-8"					
4J02	2	#4	2'-9"	2	0'-8"	1'-5"					0'-8"					
4J03	10	#4	4'-6"	2	0'-8"	3'-10"										
4J04	2	#4	3'-1"	2	0'-8"	1'-9"					0'-8"					
4J05	188	#4	7'-3"	T2	0'-4 X"	1'-8"	1'-7"	1'-8"	1'-7"		0'-4 X"					
4J06	164	#4	8'-11"	T2	0'-4 X"	2'-4"	1'-9"	2'-4"	1'-9"		0'-4 X"					
4J07	33	#4	11'-3"	T2	0'-4 X"	2'-8"	2'-7"	2'-8"	2'-7"		0'-4 X"					
4J08	33	#4	3'-5"	T9	0'-4 X"	2'-8"										
4J09	50	#4	3'-3"	2	0'-8"	2'-1"										
4J10	30	#4	4'-11"	2	0'-8"	4'-3"										
4J12	14	#4	10'-3"	T2	0'-4 X"	3'-2"	1'-7"	3'-2"	1'-7"		0'-4 X"					
5J01	5	#5	7'-1"	2	0'-10"	5'-5"					0'-10"					
5J02	60	#5	5'-2 X"	2	0'-10"	4'-4 X"										
5J03	3	#5	6'-5"	2	0'-10"	2'-8"					0'-10"					
7J01	3	#7	5'-6 X"	2	1'-2"	4'-4 X"										
7J02	90	#7	7'-7"	2	1'-2"	6'-5"										
7J03	8	#7	6'-4 X"	2	1'-2"	5'-2 X"										
9J01	18	#9	12'-5"	2	1'-7"	9'-3"					1'-7"					
9J02	12	#9	13'-1"	2	1'-7"	9'-11"					1'-7"					
9J03	7	#9	10'-11"	2	1'-7"	7'-9"					1'-7"					
9J04	3	#9	14'-5"	2	1'-7"	11'-3"					1'-7"					
9J05	4	#9	9'-8"	2	1'-7"	6'-6"					1'-7"					
9J06	1	#9	16'-9"	2	1'-7"	15'-2"										
9J07	3	#9	12'-10"	2	1'-7"	9'-8"					1'-7"					
9J08	12	#9	10'-6"	2	1'-7"	7'-4"					1'-7"					
9J09	3	#9	17'-2"	2	1'-7"	15'-7"										
9J10	3	#9	19'-2"	2	1'-7"	17'-7"										
9J11	6	#9	24'-10"	2	1'-7"	21'-8"					1'-7"					
9J12	16	#9	16'-2"	2	1'-7"	13'-0"					1'-7"					
9J13	28	#9	20'-5"	2	1'-7"	17'-3"					1'-7"					
9J14	10	#9	29'-8"	2	1'-7"	26'-6"					1'-7"					
9J15	1	#9	15'-9"	2	1'-7"	14'-2"										
9J16	7	#9	11'-10"	2	1'-7"	8'-8"					1'-7"					
9J17	2	#9	32'-8"	2	1'-7"	29'-6"					1'-7"					
9J18	5	#9	17'-11"	2	1'-7"	16'-4"										
9J19	5	#9	33'-3"	2	1'-7"	31'-8"										
9J20	5	#9	26'-5"	2	1'-7"	24'-10"										
9J21	5	#9	28'-0"	2	1'-7"	26'-5"										
9J22	5	#9	27'-6"	2	1'-7"	25'-11"										
9J23	5	#9	35'-1"	2	1'-7"	33'-6"										
9J24	14	#9	18'-10"	2	1'-7"	15'-8"					1'-7"					
9J25	8	#9	27'-4 X"	2	1'-7"	25'-9 X"										
9J26	8	#9	29'-5"	2	1'-7"	27'-10"										
9J27	6	#9	13'-5 X"	2	1'-7"	10'-3 X"					1'-7"					

Bar list produced by RebarCAD 2022.0



THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.

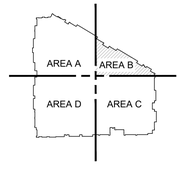


DRAWING INDEX FOR AREA B

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R06
MAT FOOTING	R07
GRADE BEAM	R08
CONCRETE WALL	R09
SLAB ON GRADE	R10

Lap Schedule 4000 PSI

Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



OVER ALL KEY PLAN

Scale=NTS

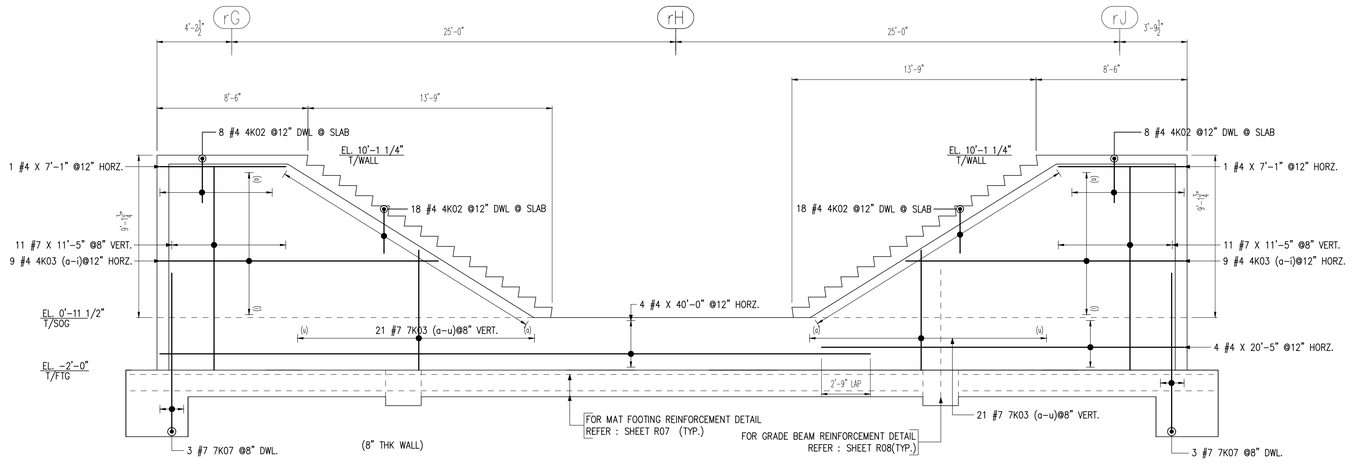
AREA-B CONCRETE WALL REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S101B & S102B

LEGENDS:

- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION-MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

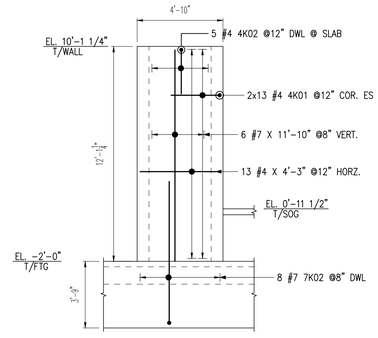
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/2022.



(8" THK WALL)

ELEVATION A

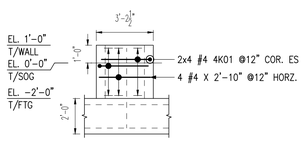
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 2/S301



(8" THK WALL)

ELEVATION B

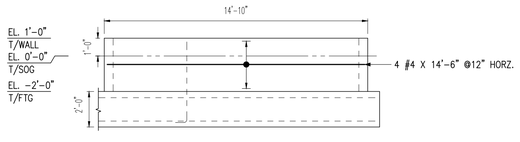
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 2/S301



(6" THK WALL)

ELEVATION G

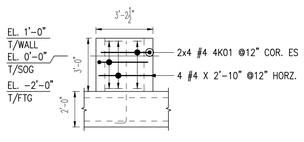
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION H

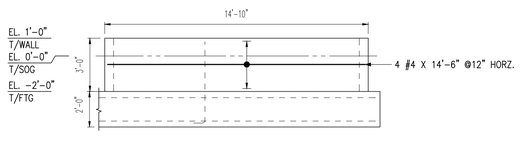
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION J

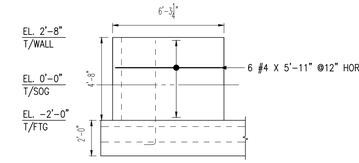
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION K

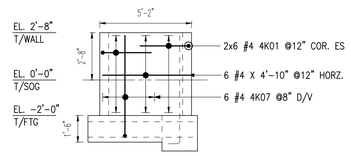
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION L

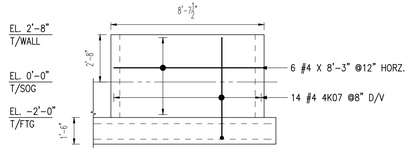
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION M

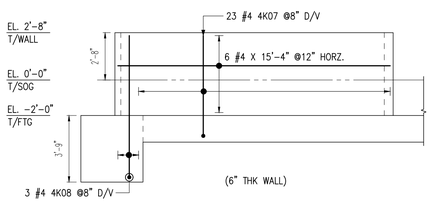
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION N

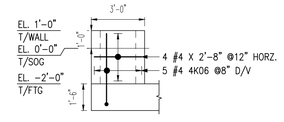
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION P

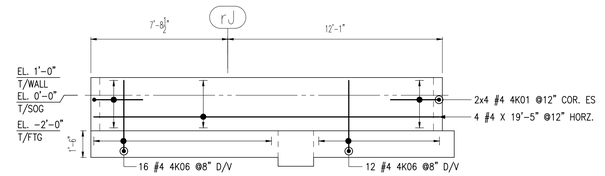
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION Q

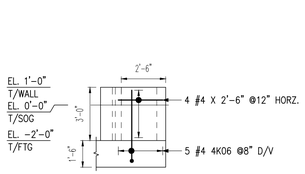
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION R

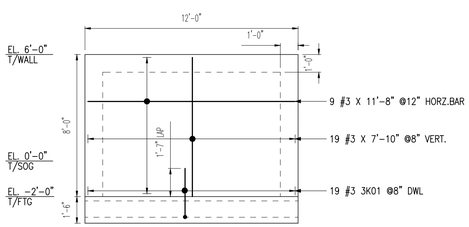
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION S

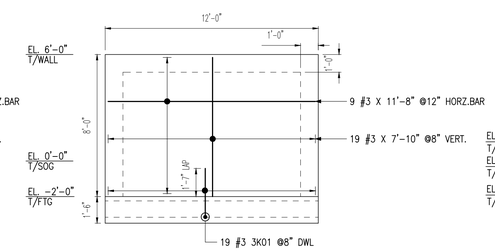
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION T

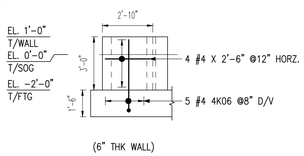
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION U

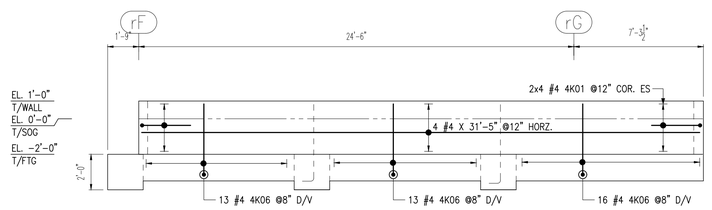
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION W

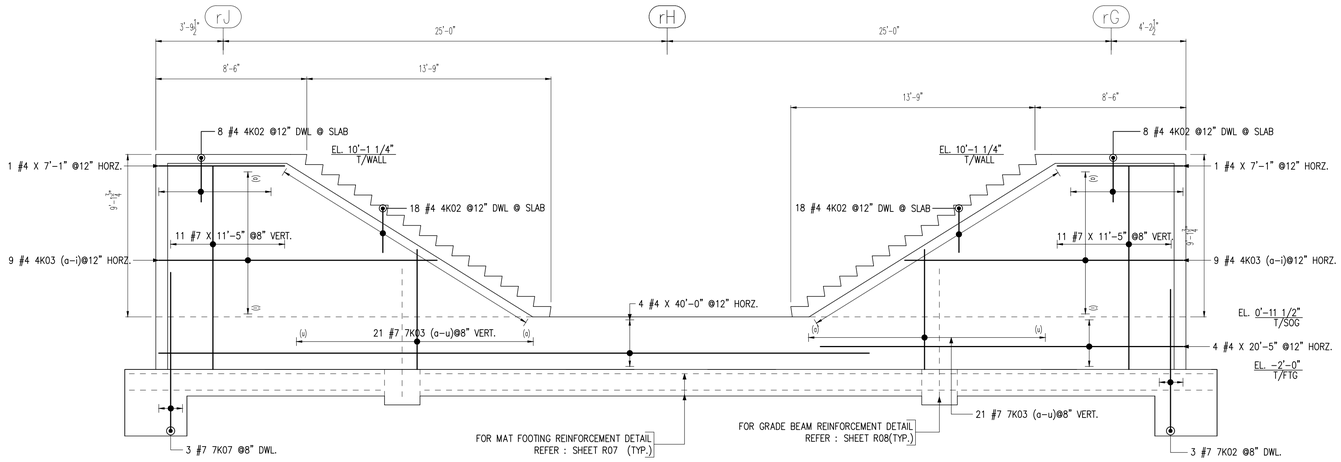
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION Y

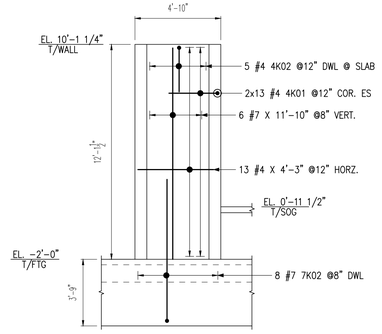
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(8" THK WALL)

ELEVATION C

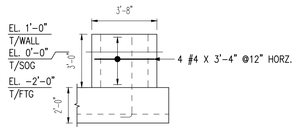
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 2/S301



(8" THK WALL)

ELEVATION E

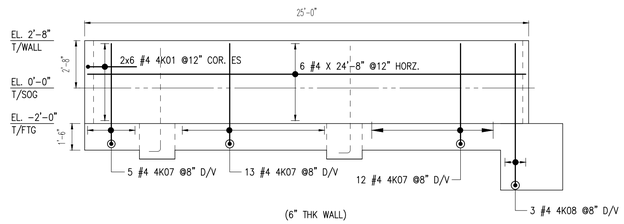
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 2/S301



(6" THK WALL)

ELEVATION Z

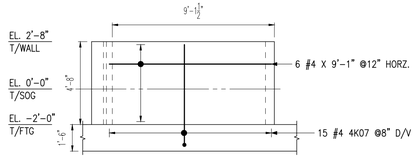
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AA

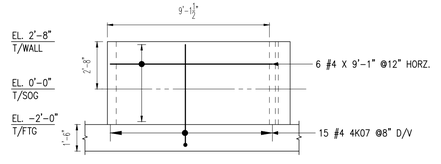
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AB

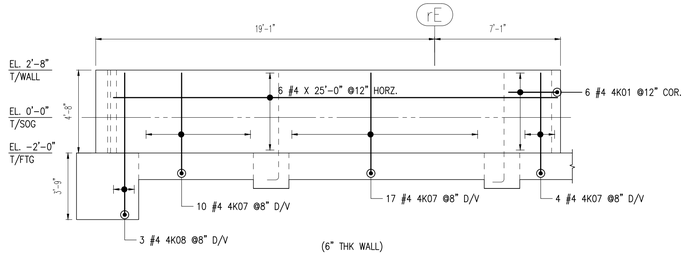
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AC

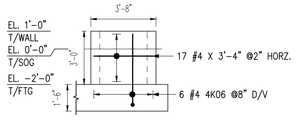
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AD

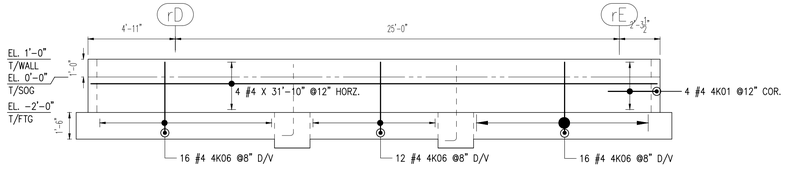
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AE

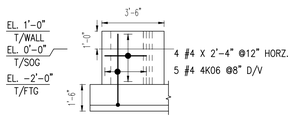
Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



(6" THK WALL)

ELEVATION AF

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & 7/S301



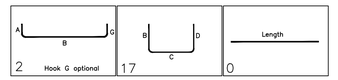
(6" THK WALL)

ELEVATION AG

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & S301

Release Number: R09A-R090					BAR LIST										
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'J'	'K'	'U'	'W'
3K01	30	#3	3'-3"	2	0'-6"	3'-9"									
4K01	118	#4	5'-6"	17		7'-9"	2'-9"								
4K02	114	#4	3'-2"	2	0'-8"	3'-6"									
4K03a	4	#4	7'-7"			7'-7"									
Varies To															
4K03b	4	#4	20'-5"			20'-5"									
4K06	140	#4	4'-8"	2	0'-8"	4'-0"									
4K07	134	#4	6'-4"	2	0'-8"	5'-8"									
4K08	9	#4	8'-8"	2	0'-8"	8'-0"									
5K02	8	#5	6'-10"	17		3'-5"	3'-5"								
5K07	34	#5	7'-3"	2	0'-10"	6'-5"									
5K11	8	#5	6'-5"	2	0'-10"	5'-7"									
5K16	16	#5	4'-5"	17		1'-0"	3'-5"								
7K02	19	#7	9'-2"	2	1'-2"	8'-0"									
7K03a	4	#7	1'-9"			1'-9"									
Varies To															
7K03u	4	#7	10'-1"			10'-1"									
7K07	9	#7	10'-11⅞"	2	1'-2"	8'-11⅞"									

Bar list produced by RebarCAD 2022.0

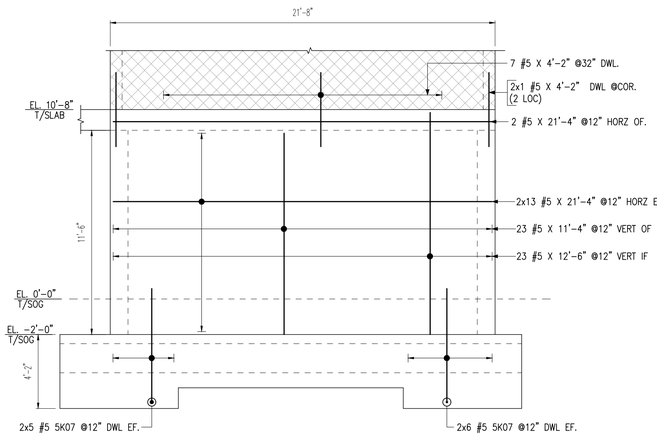


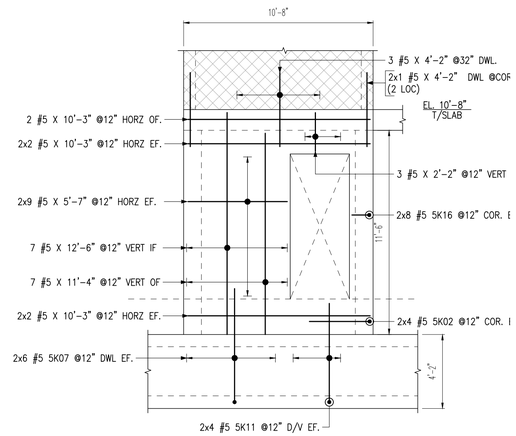
ELEVATION WALL MOVED TO SHEET R07D

ELEVATION (AJ) ⚠2
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501

ELEVATION WALL MOVED TO SHEET R07D

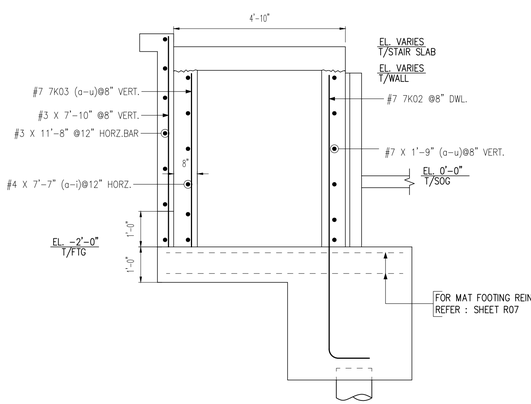
ELEVATION (AK) ⚠2
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501





ELEVATION WALL MOVED TO SHEET R07D

ELEVATION (AM)
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501

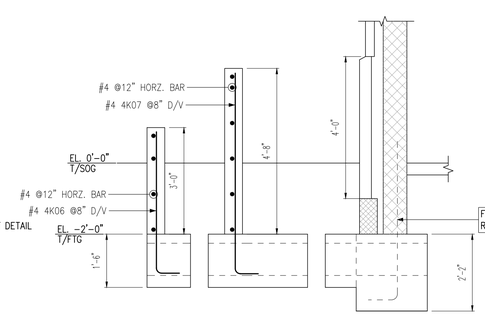


REINFORCEMENT DETAIL AT STAIRCASE

SECTION (1)
Scale=1/2"=1'-0"
Ref. Dwg. =S102B

ELEVATION WALL MOVED TO SHEET R07D

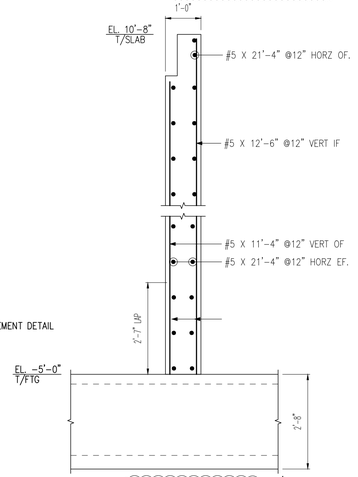
ELEVATION (AN) ⚠2
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501



SECTION (2)
Scale=1/2"=1'-0"
Ref. Dwg. =S102B

(8" THK WALL)

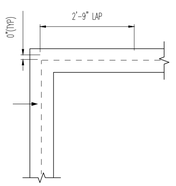
ELEVATION (AP) ⚠2
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501



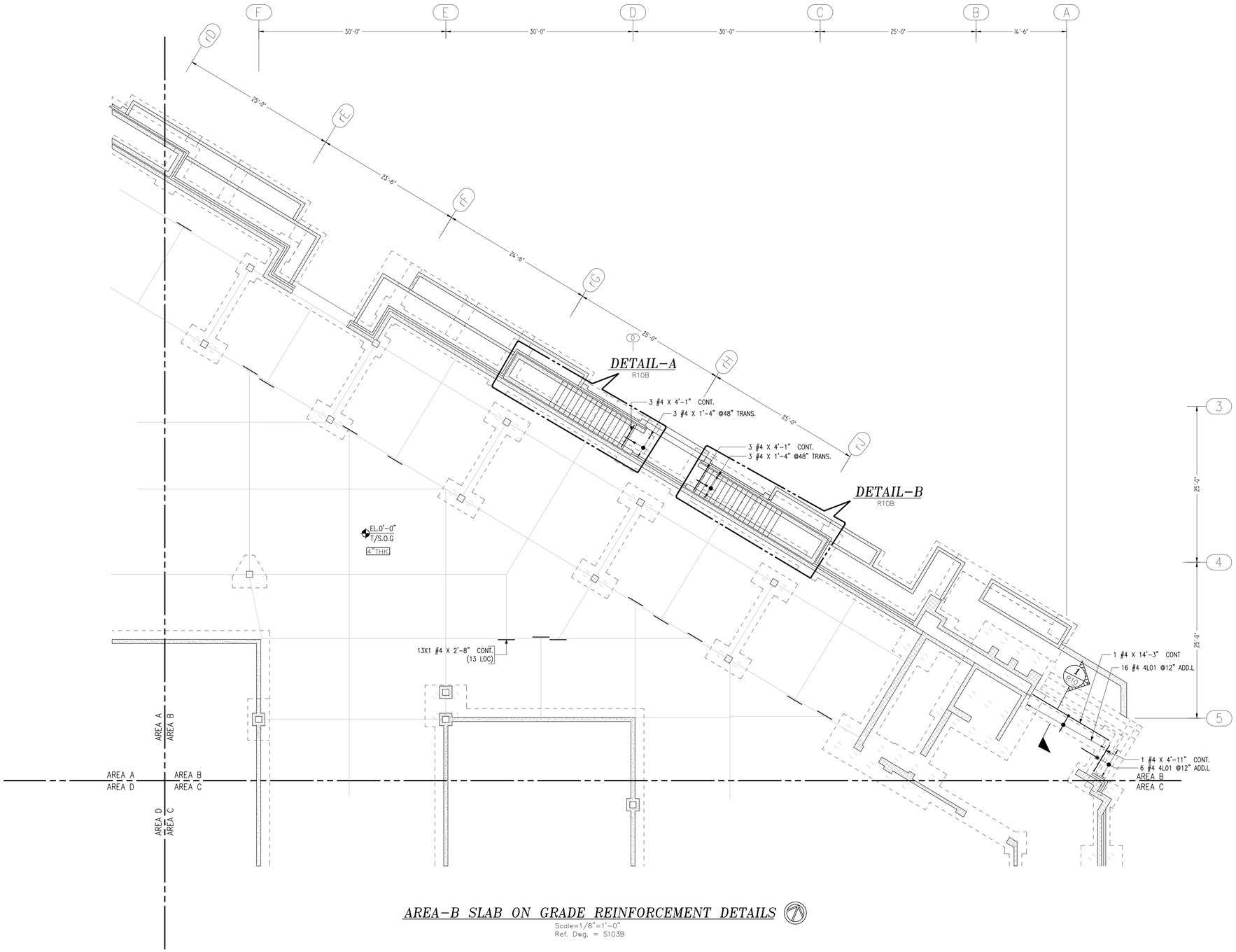
SECTION (3) ⚠2
Scale=1/2"=1'-0"
Ref. Dwg. =S102B

(8" THK WALL)

ELEVATION (AQ) ⚠2
Scale=1/4"=1'-0"
Ref. Dwg. = S102B & S501

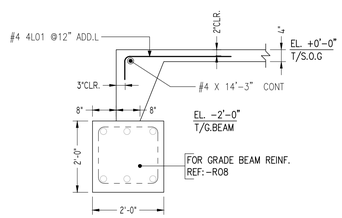


TYPICAL CORNER BAR DETAIL
Scale=1/2"=1'-0"
Ref. Dwg. =S502



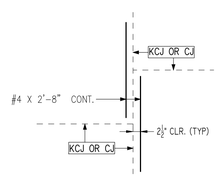
AREA-B SLAB ON GRADE REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S103B



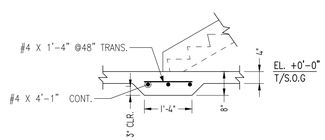
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =3/S301



TYPICAL DETAIL AT DISCOTINUOUS SLAB JOINT

Scale=1/2"=1'-0"
Ref. Dwg. = S502



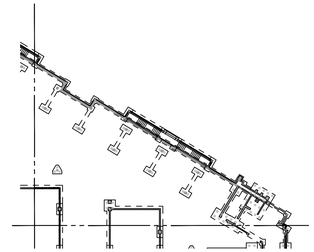
TYPICAL DETAIL. THICKNED SLAB AT STAIR

Scale=1/2"=1'-0"
Ref. Dwg. = S502

DRAWING INDEX FOR AREA B

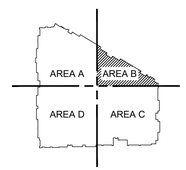
ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R06
MAT FOOTING	R07
GRADE BEAM	R08
WALL	R09
SLAB ON GRADE	R10

Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



AREA-B KEY PLAN

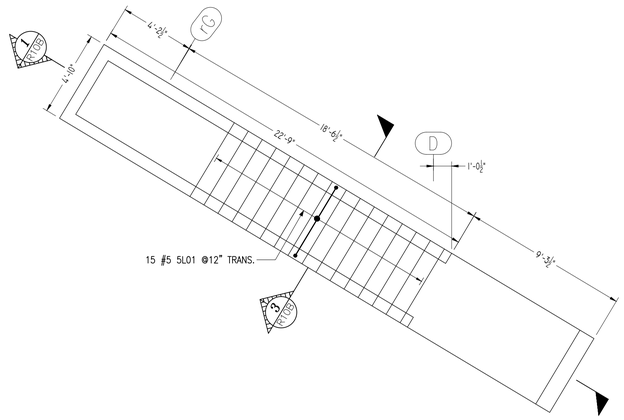
Scale=NTS



OVER ALL KEY PLAN

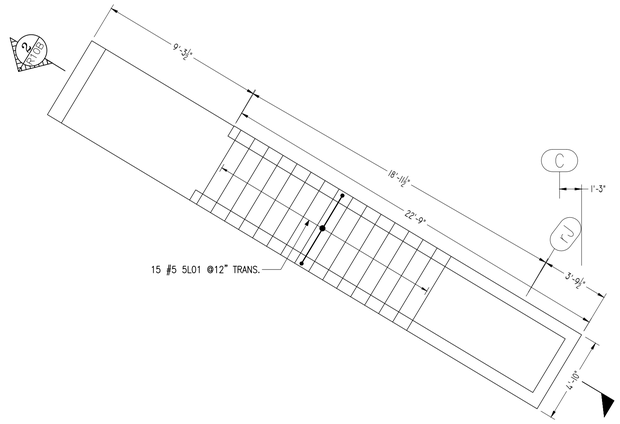
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



DETAIL–A
REINFORCEMENT DETAIL AT STAIRCASE

Scale=1/4"=1'–0"
Ref. Dwg. =S103B



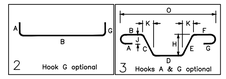
DETAIL–B
REINFORCEMENT DETAIL AT STAIRCASE

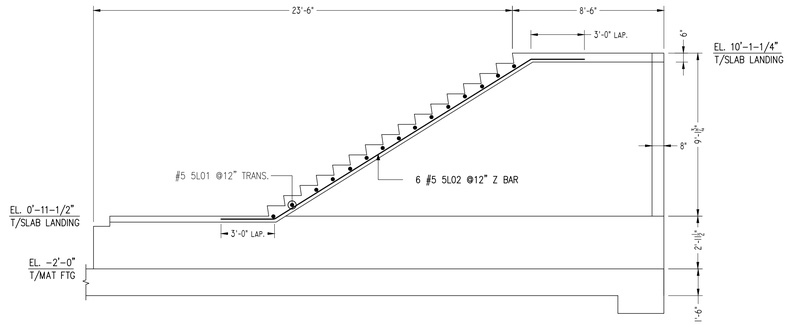
Scale=1/4"=1'–0"
Ref. Dwg. =S103B

Release Number: R10A–R10B — BAR LIST

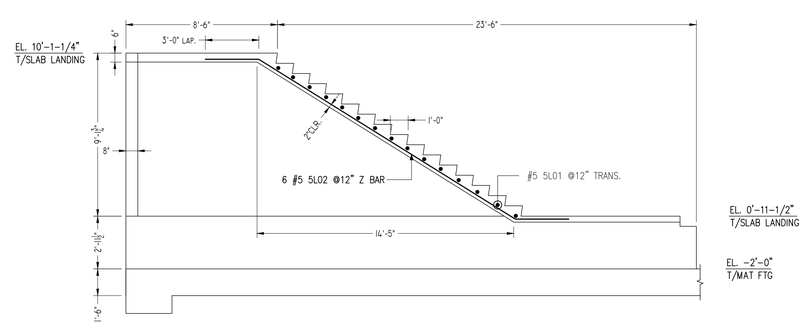
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
4L01	22	#4	3'-8"	2	0'-6"	3'-0"										
5L01	30	#5	6'-2"	2	0'-10"	4'-6"						0'-10"				
5L02	12	#5	22'-11 X"	3		3'-0"	16'-11 X"	3'-0"					9'-0 X"		14'-4 X"	20'-4 X"

Bar list produced by RebarCAD 2005.0

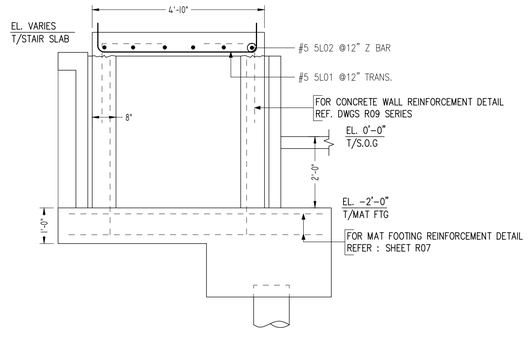




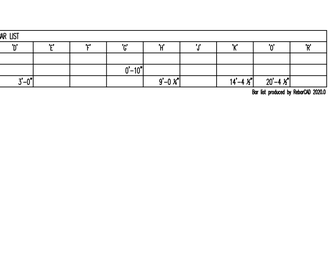
SECTION 1
Scale=1/2"=1'–0"
Ref. Dwg. =2/S301



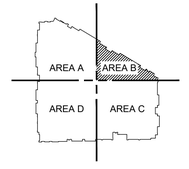
SECTION 2
Scale=1/2"=1'–0"
Ref. Dwg. =2/S301



SECTION 3
Scale=1/2"=1'–0"
Ref. Dwg. =2/S301

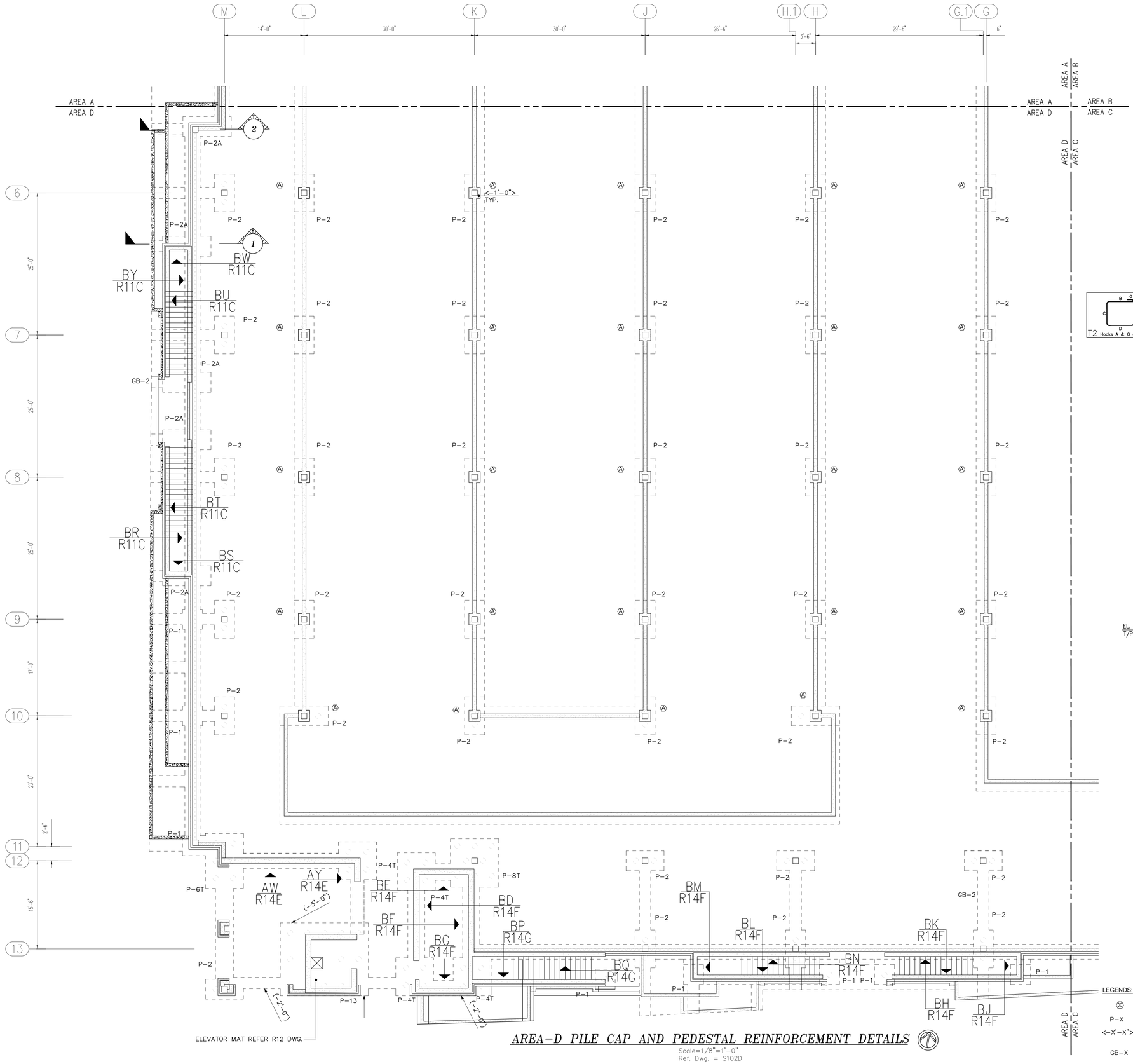


AREA–B KEY PLAN
Scale=NTS



OVER ALL KEY PLAN
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.

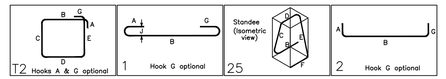


AREA-D PILE CAP AND PEDESTAL REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102D

Release Number: R11A				BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
6N02	30	#4	7'-5"	T2	0'-4 X"	1'-8"	1'-8"	1'-8"	1'-8"		0'-4 X"					
6N03	336	#4	4'-0"	1	0'-4"	3'-0"					0'-4"		0'-4"			
6N04	95	#4	8'-1"	T2	0'-4 X"	1'-10"	1'-10"	1'-10"	1'-10"		0'-4 X"					
5N01	9	#5	10'-1"	25		1'-6"	3'-0 X"	1'-0"	3'-0 X"	1'-6"		2'-11 X"		1'-5 X"		
5N02	16	#5	8'-8"	25		1'-6"	2'-4 X"	1'-0"	2'-4 X"	1'-6"		2'-3 X"		1'-1 X"		
5N03	6	#5	10'-1"	25		1'-6"	3'-0 X"	1'-0"	3'-0 X"	1'-6"		2'-11 X"		1'-5 X"		
7N01	40	#7	9'-8"	1	0'-10"	8'-0"					0'-10"		0'-7"			
7N02	296	#7	7'-10"	1	0'-10"	6'-2"					0'-10"		0'-7"			
9N01	84	#9	8'-8"	1	1'-3"	6'-2"					1'-3"		0'-11 X"			
9N02	4	#9	7'-5"	1	1'-3"	6'-1 X"							0'-11 X"			
9N03	40	#9	11'-2"	2	1'-7"	8'-0"					1'-7"					
9N04	40	#9	10'-6"	1	1'-3"	8'-0"					1'-3"		0'-11 X"			
9N05	84	#9	9'-4"	2	1'-7"	6'-2"					1'-7"					
9N06	12	#9	11'-8"	1	1'-3"	9'-2"					1'-3"		0'-11 X"			
9N07	12	#9	12'-4"	2	1'-7"	9'-2"					1'-7"					
9N09	52	#9	7'-0"	1	1'-3"	5'-9 X"							0'-11 X"			
9N10	100	#9	6'-5"	1	1'-3"	5'-2"							0'-11 X"			
9N11	4	#9	5'-10"	1	1'-3"	4'-7"							0'-11 X"			
9N14	30	#9	8'-9"	2	1'-7"	5'-7"					1'-7"					
5U01	9	#5	6'-5"	2	0'-10"	5'-7 X"										
7N25	35	#7	9'-2"	2	1'-2"	8'-0"										
7N23	35	#7	8'-11"	2	1'-2"	7'-9"										
9N13	120	#9	9'-0"	2	1'-7"	5'-10"					1'-7"					
7N31	17	#7	7'-11"	2	1'-2"	6'-9"										
7N36	1	#7	7'-7"	2	1'-2"	6'-5"										
7N37	1	#7	7'-9"	2	1'-2"	6'-7"										
7N38	1	#7	8'-2"	2	1'-2"	7'-0"										
7N39	1	#7	8'-7"	2	1'-2"	7'-5"										
7N40	1	#7	9'-0"	2	1'-2"	7'-10"										
7N41	1	#7	9'-5"	2	1'-2"	8'-3"										
5N04	10	#5	6'-8"	2	0'-10"	5'-10"										
5N06	5	#5	7'-4"	2	0'-10"	6'-6"										
7N25	6	#7	9'-7"	2	1'-2"	8'-5"										
7N27	18	#7	8'-9"	2	1'-2"	7'-7"										
7N28	7	#7	8'-3"	2	1'-2"	7'-1"										

Bar list produced by RebarCAD 2022.0

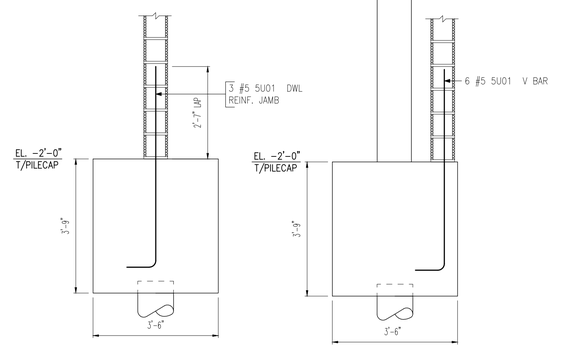


Weight by Release	
Release Numbers	Weight
R11A	13,574
Total Weight	13,574

DRAWING INDEX FOR AREA D

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
GRADE BEAM	R13
WALL	R14
SLAB ON GRADE	R15

Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"

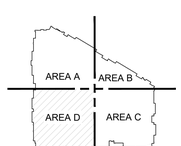


SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. = R16A

SECTION 2

Scale=1/2"=1'-0"
Ref. Dwg. = R16A



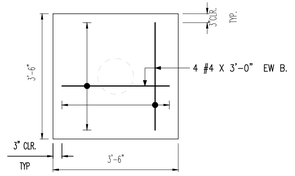
OVER ALL KEY PLAN

Scale=NTS

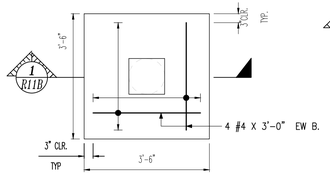
LEGENDS:

- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION– MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



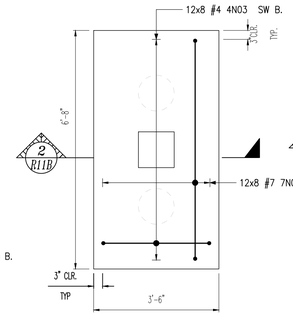
(7 LOCATION)
WITHOUT COLUMN



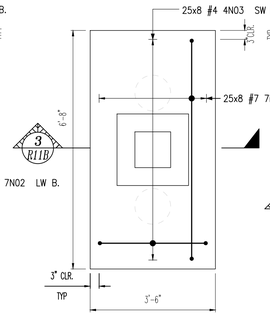
(1 LOCATION)
WITH COLUMN

P-1 PILE CAP

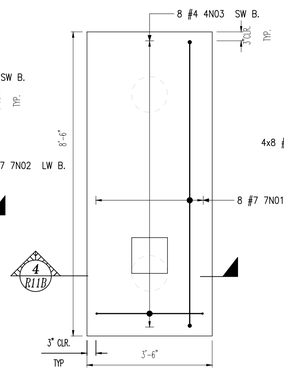
Scale=1/2"=1'-0"
Ref. Dwg. =S501



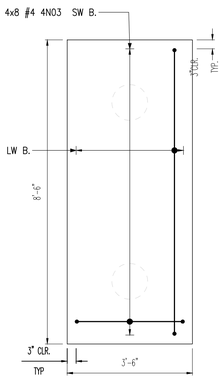
(12 LOCATION)
WITH COLUMN



(25 LOCATION)
WITH PEDESTAL



(1 LOCATION)
WITH COLUMN



(4 LOCATION)
WITHOUT COLUMN

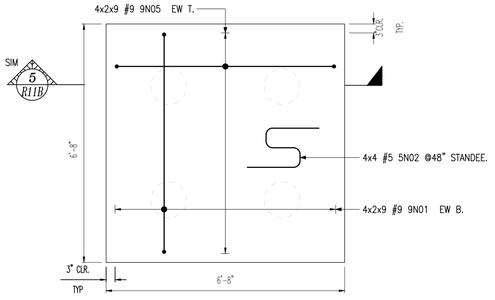
P-2 PILE CAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501

P-2A PILE CAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501

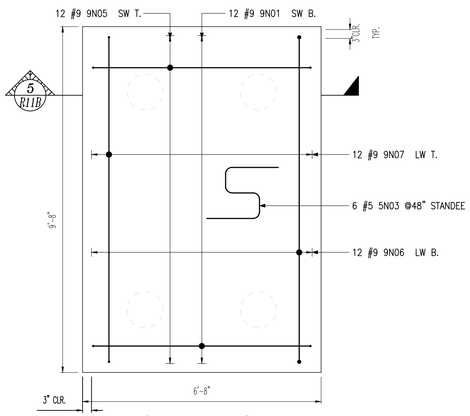
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/22.



(TENSION PILE CAP)
(4 LOCATION)

P-4T PILE CAP

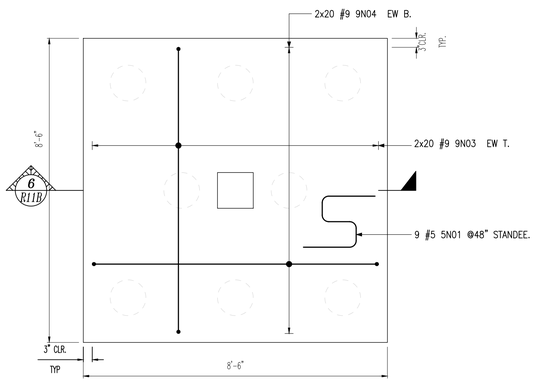
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(TENSION PILE CAP)
(1 LOCATION)

P-6T PILE CAP

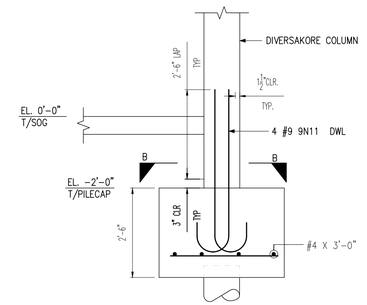
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(TENSION PILE CAP)
(1 LOCATION)

P-8T PILE CAP

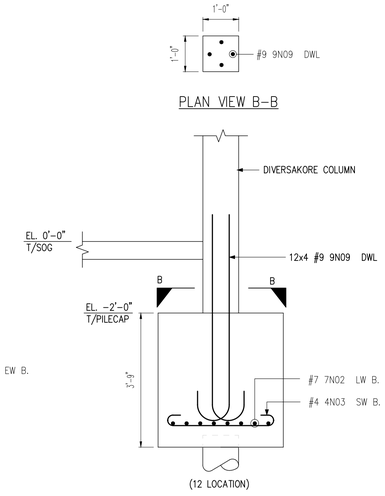
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(1 LOCATION)

SECTION (1)

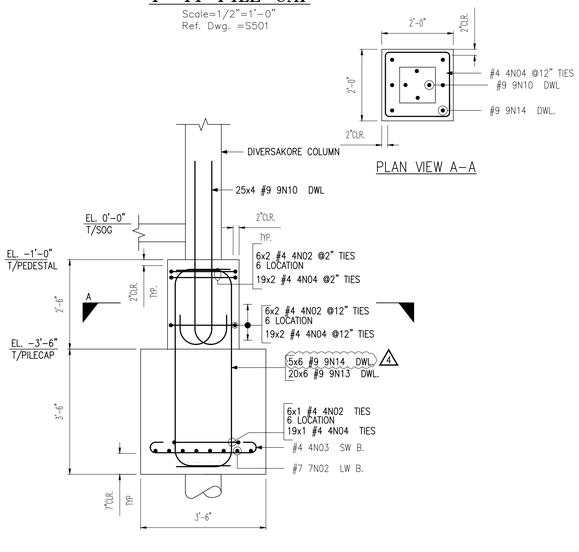
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(12 LOCATION)

SECTION (2)

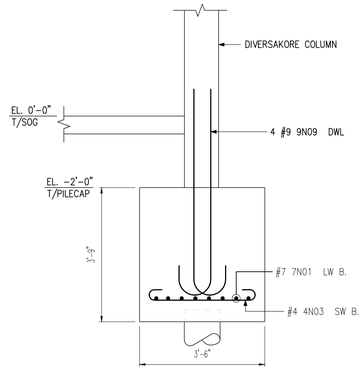
Scale=1/2"=1'-0"
Ref. Dwg. = S501



(25 LOCATION)

SECTION (3)

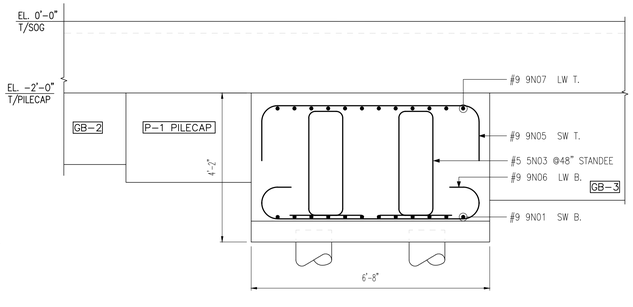
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(1 LOCATION)

SECTION (4)

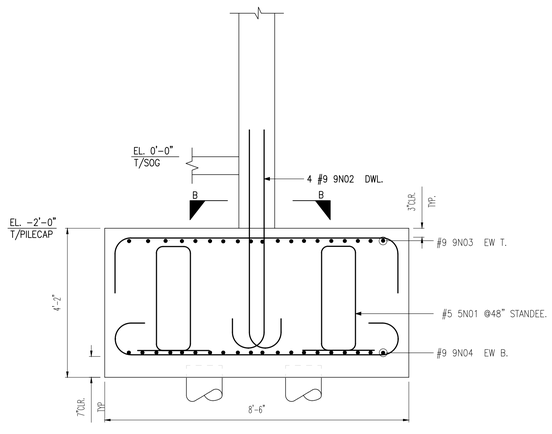
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(1 LOCATION)

SECTION (5)

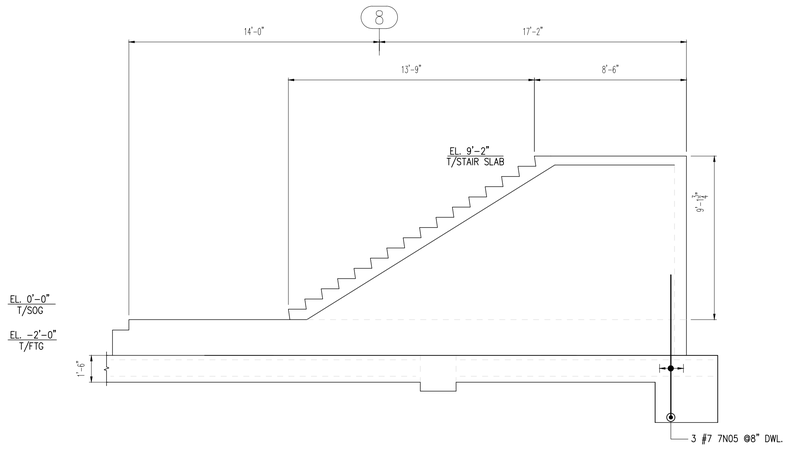
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(1 LOCATION)

SECTION (6)

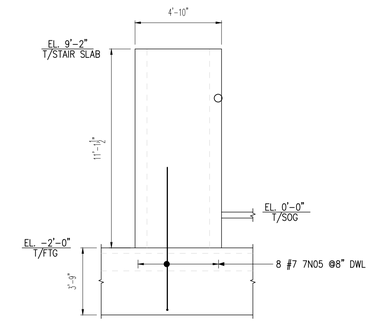
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(8" THK WALL)

ELEVATION (BR)

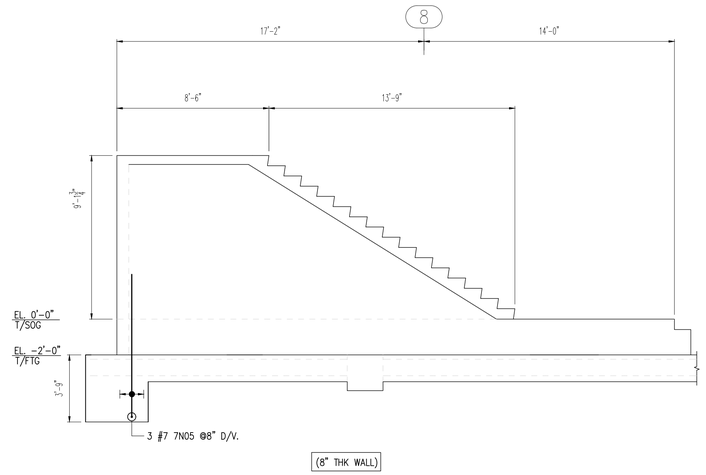
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BS)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

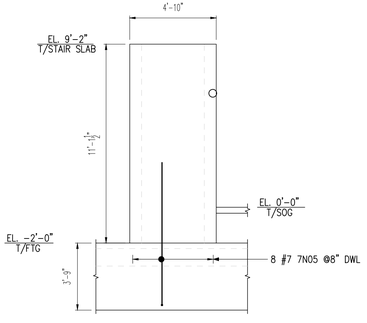
ELEVATION (BT)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

(8" THK WALL)

ELEVATION (BU)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

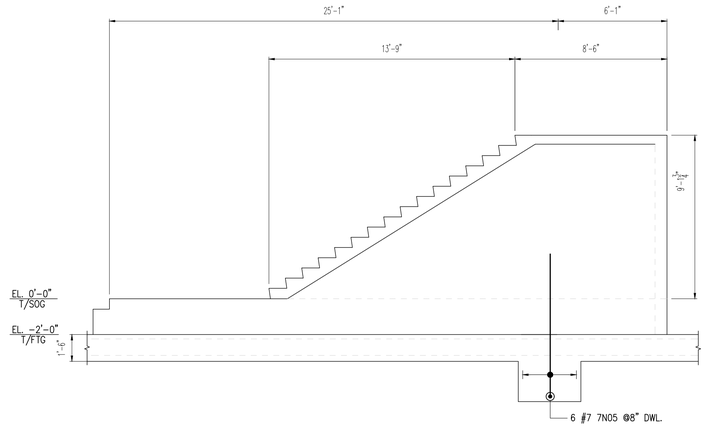
ELEVATION (BW)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

(8" THK WALL)

ELEVATION (BY)

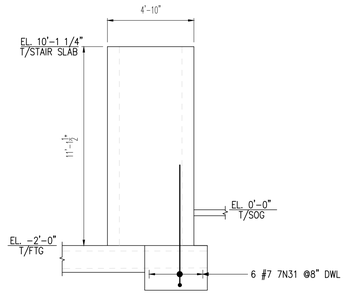
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BH)

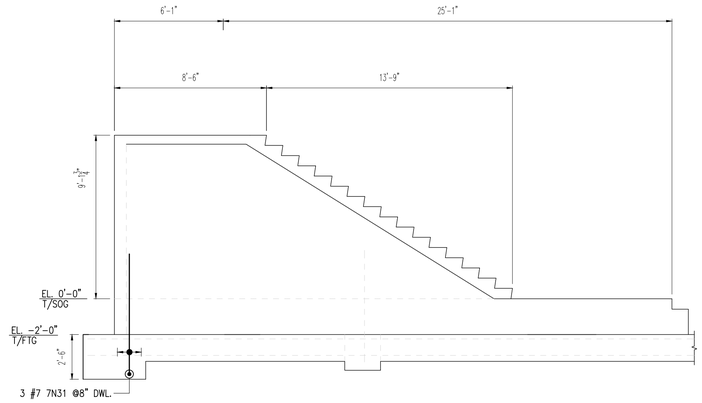
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BJ)

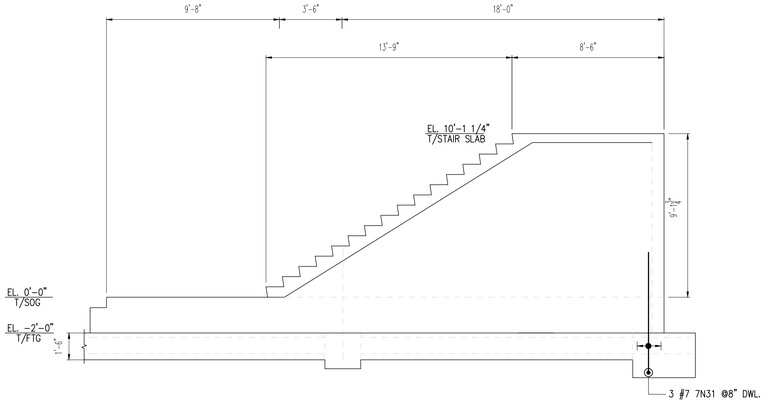
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BK)

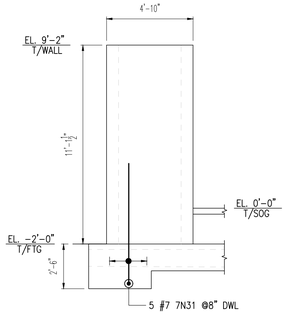
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BL)

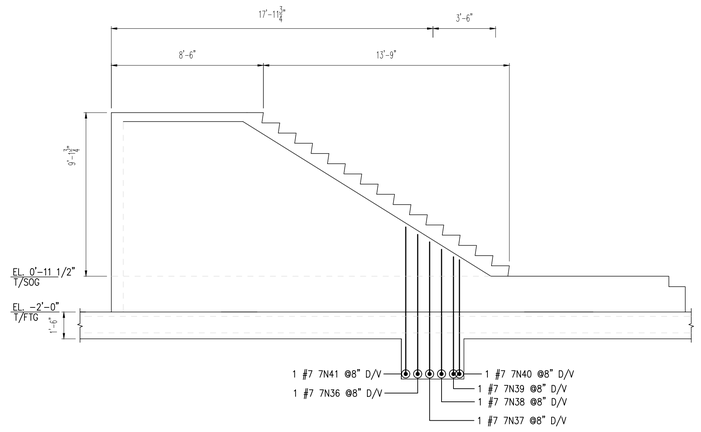
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BM)

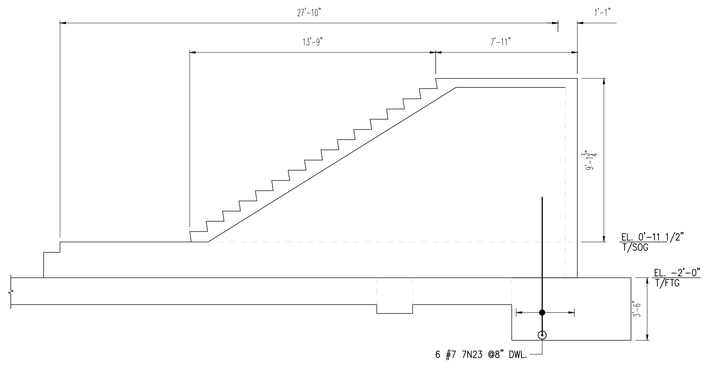
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BN)

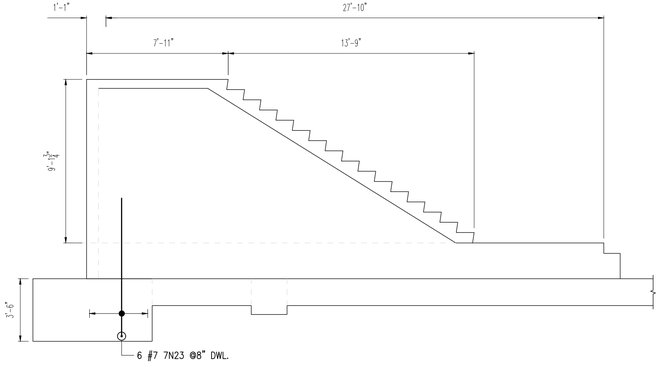
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



(8" THK WALL)

ELEVATION (BP)

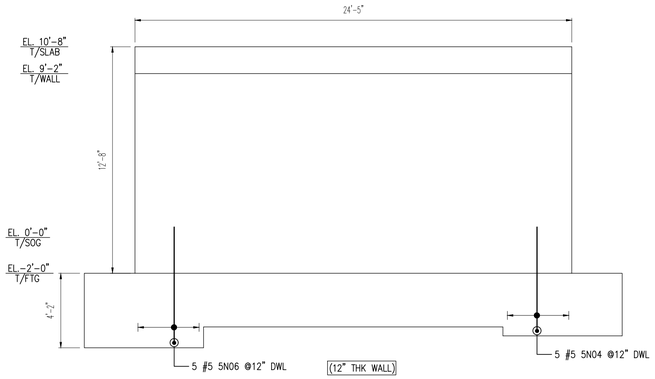
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



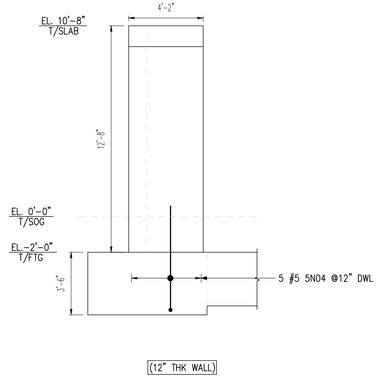
(8" THK WALL)

ELEVATION (BQ)

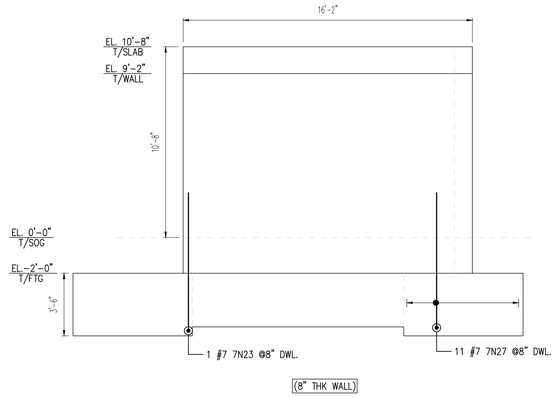
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



ELEVATION (AW)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



ELEVATION (AY)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

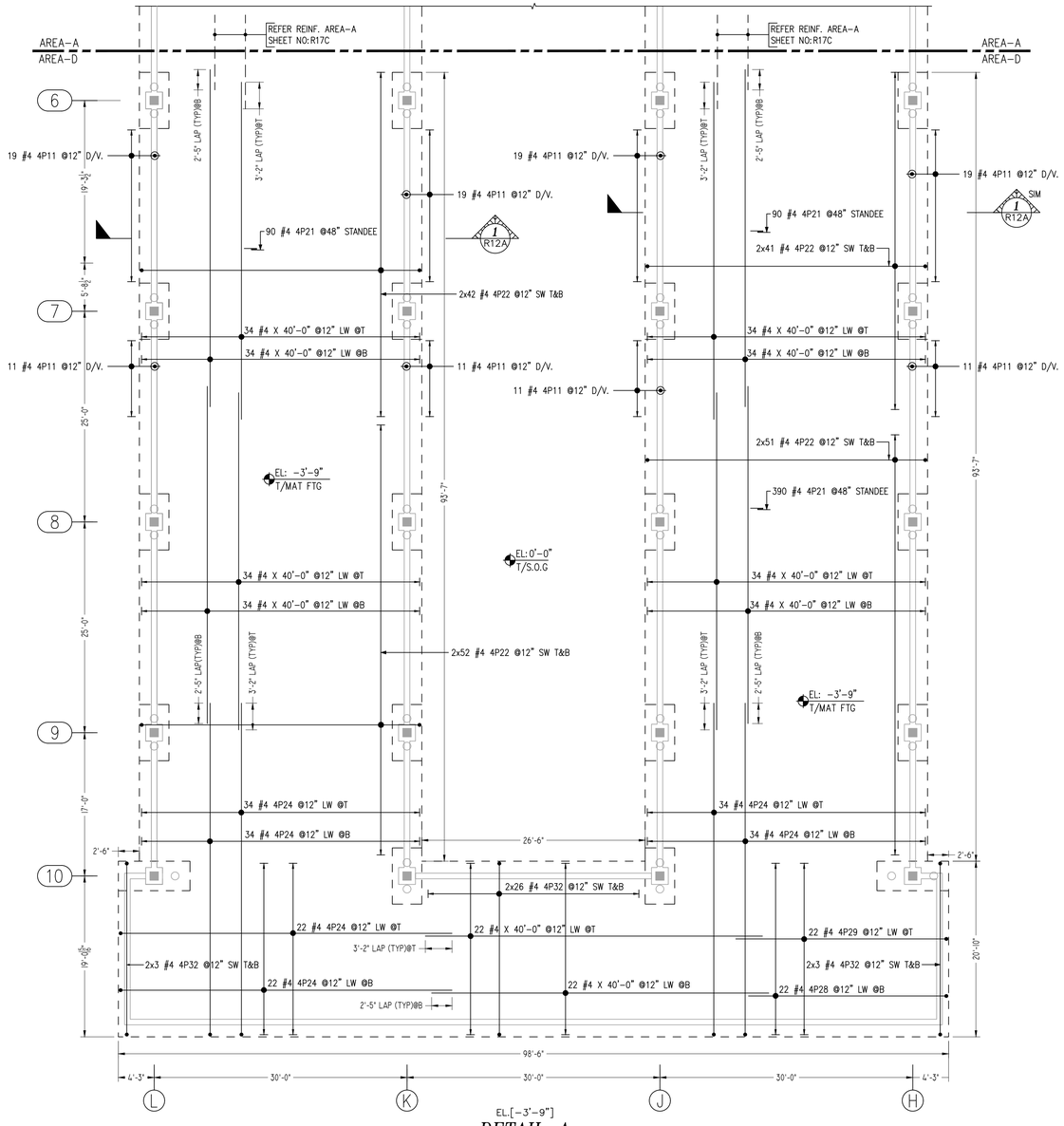


ELEVATION (BD)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

ELEVATION (BE)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

ELEVATION (BF)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

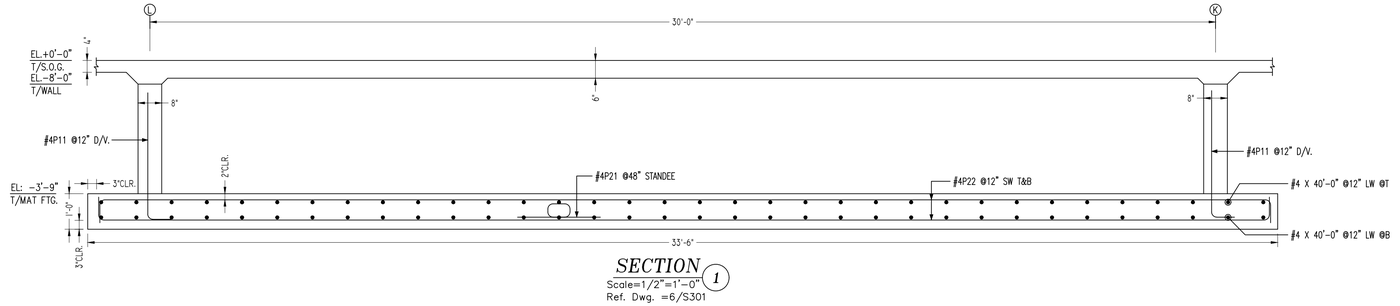
ELEVATION (BG)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



EL.[-3'-9"]

DETAIL-A
12"THK MAT FOOTING REINFORCEMENT DETAILS (1)

Scale=1/8"=1'-0"
Ref. Dwg. = S102D

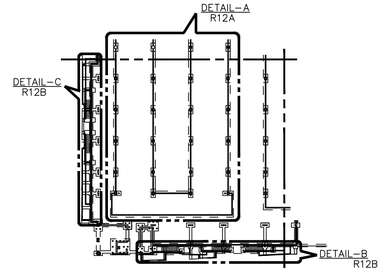


SECTION (1)

Scale=1/2"=1'-0"
Ref. Dwg. =6/S301

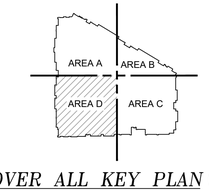
DRAWING INDEX FOR AREA-D

ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
ELEVATOR MAT FOOTING	R12C
GRADE BEAM	R13
WALL	R14
SLAB ON GRADE	R15



AREA-D KEY PLAN (2)

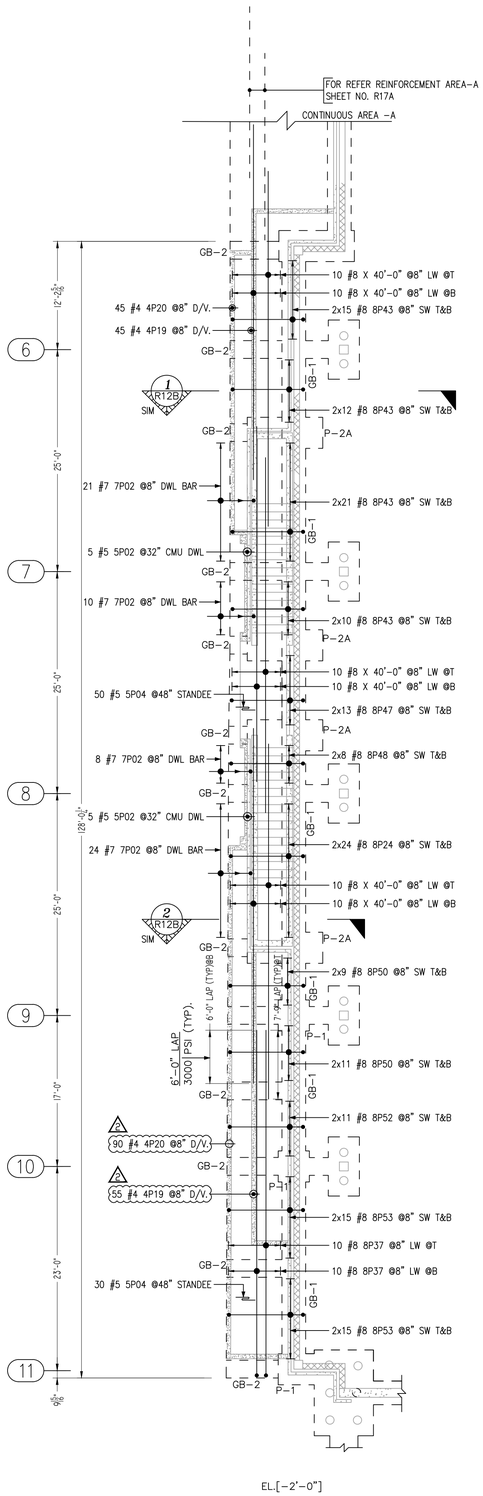
Scale=NTS



OVER ALL KEY PLAN (3)

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 02/14/2022

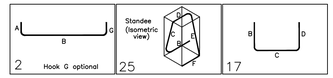


DETAIL-C
18"THK MAT FOOTING REINFORCEMENT DETAILS

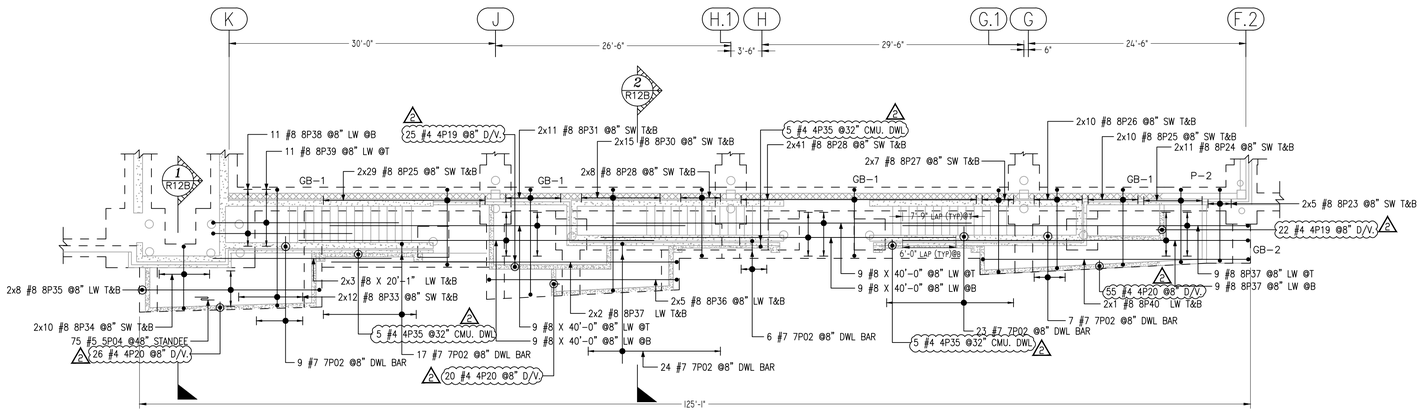
Scale=1/8"=1'-0"
Ref. Dwg. = S102D

Release Number: R12A-R12B					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4P11	120	#4	4'-3"	2	0'-8"	3'-7"										
4P19	147	#4	6'-3"	2	0'-8"	5'-7"										
4P20	236	#4	6'-5"	2	0'-8"	6'-0"										
4P21	570	#4	6'-5"	25		1'-6"	0'-5"	0'-8"	0'-5"	1'-6"			0'-5"		0'-2 X"	
4P22	372	#4	34'-4"	2	0'-8"	33'-0"						0'-8"				
4P24	180	#4	40'-0"	2	0'-8"	39'-4"										
4P28	22	#4	24'-2"	2	0'-8"	23'-6"										
4P29	22	#4	25'-2"	2	0'-8"	25'-0"										
4P32	64	#4	21'-8"	2	0'-8"	20'-4"						0'-8"				
4P35	15	#4	4'-4"	2	0'-8"	3'-8"										
5P02	10	#5	4'-6"	2	0'-10"	3'-8"										
5P04	155	#5	5'-4"	25		1'-6"	0'-9"	0'-10"	0'-9"	1'-6"		0'-9"		0'-4 X"		
7P02	149	#7	6'-11"	2	1'-2"	5'-9"										
8P23	10	#8	10'-2 X"	17		1'-1"	8'-0 X"	1'-1"								
8P24	70	#8	10'-4 X"	17		1'-1"	8'-2 X"	1'-1"								
8P25	78	#8	10'-8"	17		1'-1"	8'-6"	1'-1"								
8P26	20	#8	11'-0 X"	17		1'-1"	8'-10 X"	1'-1"								
8P27	14	#8	11'-5"	17		1'-1"	9'-3"	1'-1"								
8P28	98	#8	9'-8"	17		1'-1"	7'-6"	1'-1"								
8P30	30	#8	13'-7"	17		1'-1"	11'-5"	1'-1"								
8P31	22	#8	14'-0 X"	17		1'-1"	11'-10 X"	1'-1"								
8P33	24	#8	15'-3 X"	17		1'-1"	13'-1 X"	1'-1"								
8P34	20	#8	9'-2 X"	17		1'-1"	7'-0 X"	1'-1"								
8P35	16	#8	22'-2 X"	17		1'-1"	20'-0 X"	1'-1"								
8P36	10	#8	23'-4 X"	17		1'-1"	21'-2 X"	1'-1"								
8P37	42	#8	40'-0"	17		1'-1"	38'-11"									
8P38	11	#8	16'-9"	17		1'-1"	15'-8"									
8P39	11	#8	22'-0"	17		1'-1"	20'-11"									
8P40	2	#8	32'-1 X"	17		1'-1"	29'-11 X"	1'-1"								
8P43	116	#8	10'-2 X"	17		1'-1"	8'-0 X"	1'-1"								
8P47	26	#8	10'-3 X"	17		1'-1"	8'-1 X"	1'-1"								
8P48	16	#8	10'-4"	17		1'-1"	8'-2"	1'-1"								
8P50	40	#8	10'-5 X"	17		1'-1"	8'-3 X"	1'-1"								
8P52	22	#8	10'-6"	17		1'-1"	8'-4"	1'-1"								
8P53	60	#8	10'-7"	17		1'-1"	8'-5"	1'-1"								

Bar list produced by RebarCAD 2022.3



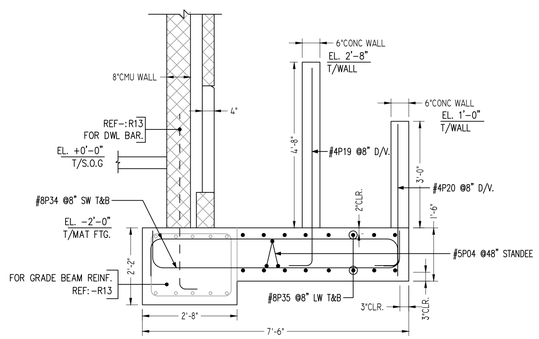
Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



EL.[-2'-0"]

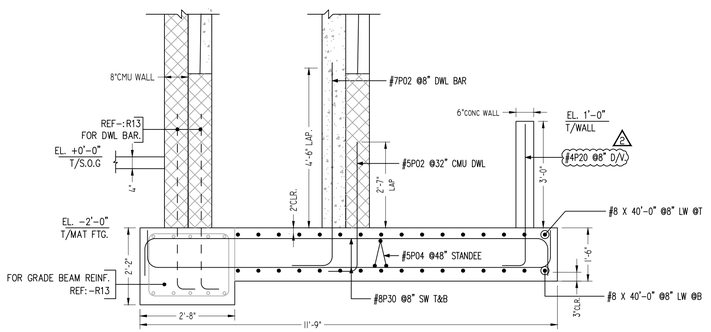
DETAIL-B
18"THK MAT FOOTING REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102D



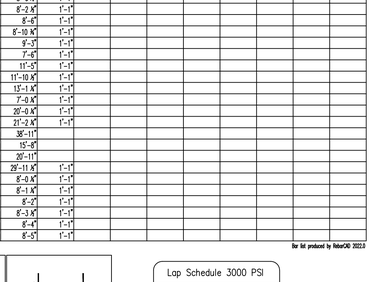
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



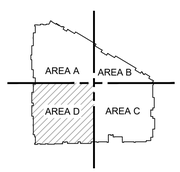
SECTION 2

Scale=1/2"=1'-0"
Ref. Dwg. =2/S301



AREA-D KEY PLAN

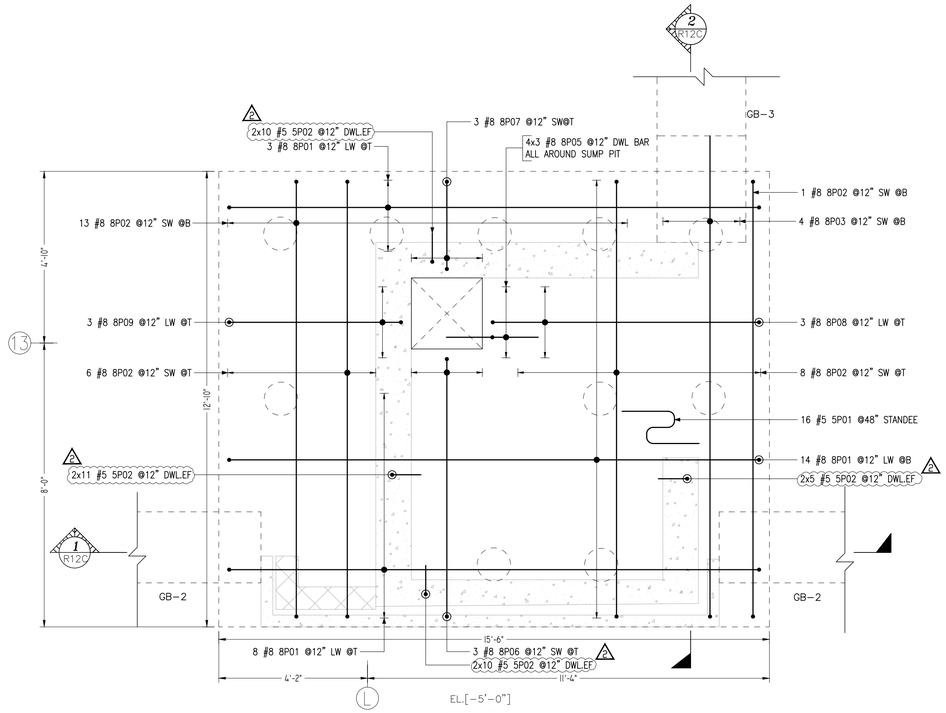
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 02/14/2022

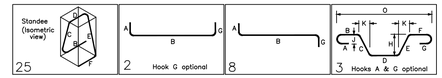


DETAIL-A
32"THK ELEVATOR MAT FOOTING REINFORCEMENT DETAILS

Scale=1/2"=1'-0"
Ref. Dwg. = S102D

Release Number: R12C					BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'X'
5P01	16	#5	7'-9"	25		1'-6"	1'-11 X"	0'-10"	1'-11 X"	1'-6"		1'-11"		0'-11 X"		
5P02	72	#5	5'-8"	2	0'-10"	4'-10"										
6P01	6	#6	7'-3"	8	1'-0"	5'-3"					1'-0"					
8P01	25	#8	13'-8"	2	1'-4"	15'-0"					1'-4"					
8P02	28	#8	14'-11 X"	2	1'-4"	12'-3 X"					1'-4"					
8P03	4	#8	14'-10 X"	2	1'-4"	13'-6 X"										
8P04	4	#8	5'-9 X"	3		1'-0"	3'-9 X"	1'-0"					2'-9"		2'-7 X"	4'-7 X"
8P05	12	#8	4'-11"	8	1'-4"	2'-3"					1'-4"					
8P06	3	#8	10'-0"	2	1'-4"	7'-4"					1'-4"					
8P07	3	#8	5'-2 X"	2	1'-4"	2'-6 X"					1'-4"					
8P08	3	#8	10'-2 X"	2	1'-4"	7'-6 X"					1'-4"					
8P09	3	#8	7'-7"	2	1'-4"	4'-11"					1'-4"					

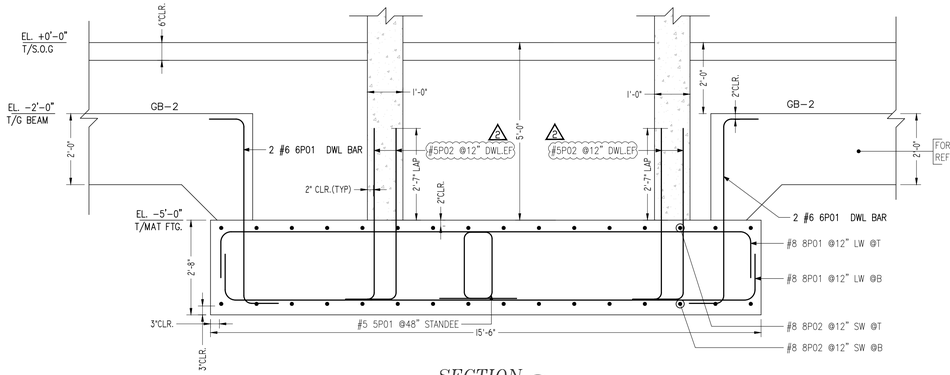
Bar list produced by RebarCAD 2022.0



DRAWING INDEX FOR AREA-D

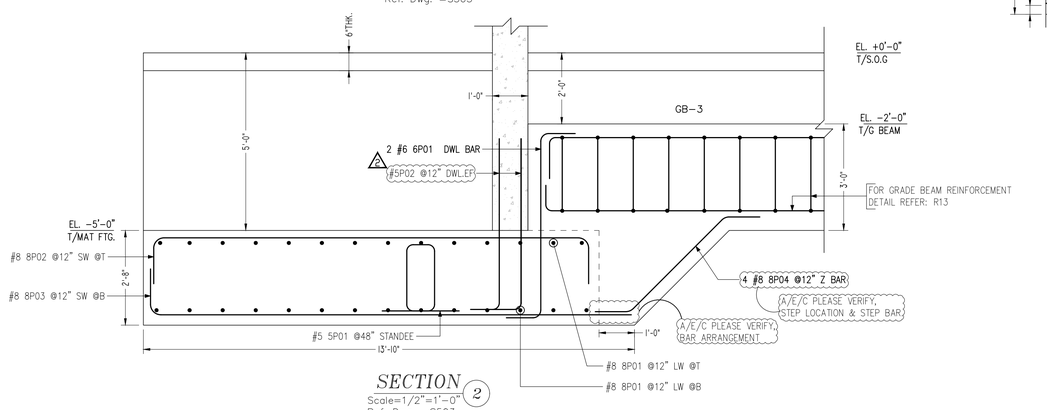
ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
ELEVATOR MAT FOOTING	R12C
GRADE BEAM	R13
WALL	R14
SLAB ON GRADE	R15

Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



SECTION 1

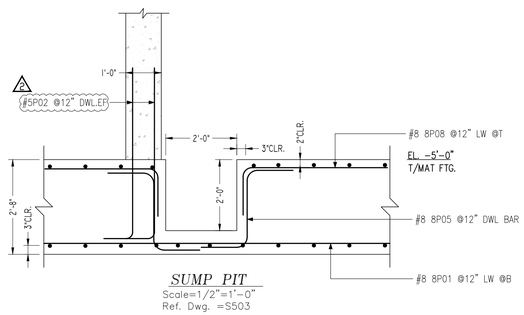
Scale=1/2"=1'-0"
Ref. Dwg. =S503



SECTION 2

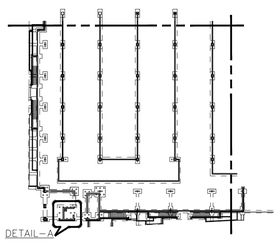
Scale=1/2"=1'-0"
Ref. Dwg. =S503

203
Production
Drive,
Yorktown,
Virginia
23693,
United
States



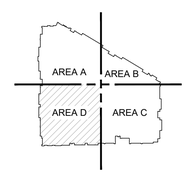
SUMP PIT

Scale=1/2"=1'-0"
Ref. Dwg. =S503



AREA-D KEY PLAN

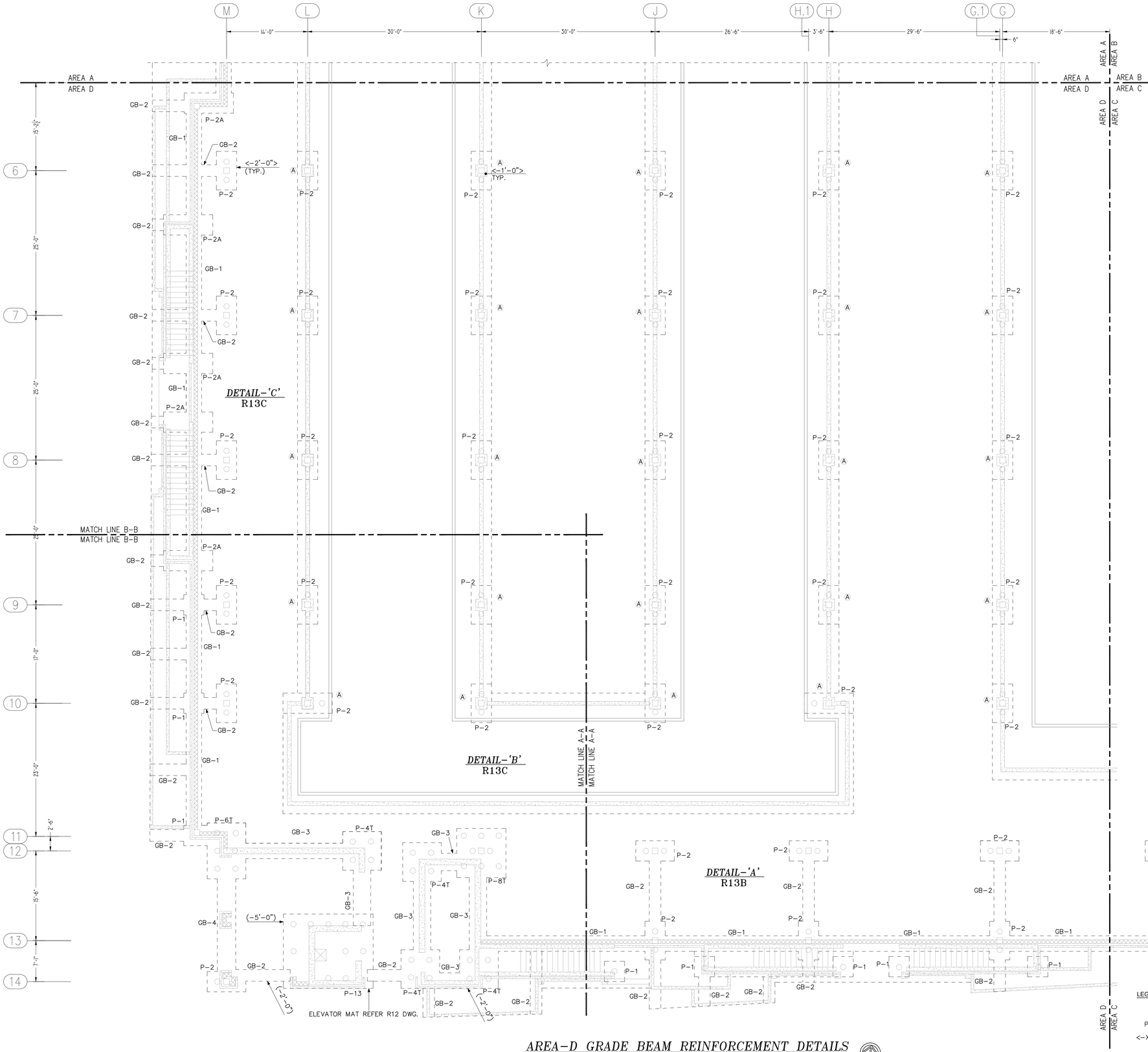
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 02/14/2022



DETAIL-'C' R13C

DETAIL-'B' R13C

DETAIL-'A' R13B

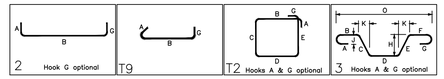
AREA-D GRADE BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102D

Release Number: R13A — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4007	20	#4	4'-10"	2	0'-8"	4'-2"										
4008	50	#4	5'-3"	2	0'-8"	2'-7"										
4018	100	#4	5'-4"	2	0'-8"	4'-8"										
4019	92	#4	3'-5"	19	0'-4 K"	2'-8"					0'-4 K"					
4031	267	#4	7'-3"	12	0'-4 K"	1'-8"	1'-7"	1'-8"	1'-7"		0'-4 K"					
4032	107	#4	11'-3"	12	0'-4 K"	2'-8"	2'-7"	2'-8"	2'-7"		0'-4 K"					
4034	2	#4	17'-1"	2	0'-8"	15'-9"					0'-8"					
4051	15	#4	3'-4"	19	0'-4 K"	2'-7"					0'-4 K"					
4054	217	#4	8'-11"	12	0'-4 K"	1'-9"	2'-4"	1'-9"			0'-4 K"					
40104	26	#4	9'-7"	12	0'-4 K"	2'-10"	1'-7"	2'-10"	1'-7"		0'-4 K"					
5001	156	#5	5'-4"	2	0'-10"	4'-6"										
5002	14	#5	6'-10"	2	0'-10"	6'-0"										
6001	12	#6	7'-0"	2	1'-0"	6'-0"										
7001	190	#7	6'-11"	2	1'-2"	5'-9"										
9040	3	#9	11'-10 X"	3		4'-7 K"	2'-0"	5'-2 K"				1'-5 K"		1'-4 K"	11'-2 K"	
9041	3	#9	7'-3"	2	1'-7"	4'-1"					1'-7"					
9042	3	#9	6'-10"	2	1'-7"	5'-3"										
9043	16	#9	18'-11"	2	1'-7"	15'-9"					1'-7"					
9044	6	#9	16'-8"	2	1'-7"	13'-6"					1'-7"					
9045	12	#9	17'-3"	2	1'-7"	14'-1"					1'-7"					
9046	12	#9	13'-1 X"	2	1'-7"	9'-11 X"					1'-7"					
9049	6	#9	13'-3"	2	1'-7"	10'-1"					1'-7"					
9050	6	#9	17'-5"	2	1'-7"	14'-3"					1'-7"					
9051	6	#9	13'-4 X"	2	1'-7"	10'-2 X"					1'-7"					
9052	6	#9	17'-6"	2	1'-7"	14'-4"					1'-7"					
9053	6	#9	11'-6"	2	1'-7"	8'-4"					1'-7"					
9054	6	#9	17'-7"	2	1'-7"	14'-5"					1'-7"					
9055	6	#9	11'-7"	2	1'-7"	8'-5"					1'-7"					
9056	5	#9	23'-5 X"	2	1'-7"	21'-10 X"										
9057	5	#9	38'-9 X"	2	1'-7"	37'-2 X"										
9058	5	#9	18'-1 X"	2	1'-7"	16'-6 X"										
9059	5	#9	29'-3 X"	2	1'-7"	27'-8 X"										
9060	3	#9	16'-0"	2	1'-7"	14'-5"										
9061	3	#9	14'-0"	2	1'-7"	12'-5"										
9062	2	#9	15'-3"	2	1'-7"	12'-1"					1'-7"					
9063	4	#9	17'-0"	2	1'-7"	13'-10"					1'-7"					
9064	10	#9	31'-10"	2	1'-7"	28'-8"					1'-7"					
9065	16	#9	32'-9"	2	1'-7"	29'-7"					1'-7"					
9066	12	#9	19'-5 X"	2	1'-7"	16'-3 X"					1'-7"					
9067	6	#9	16'-4"	2	1'-7"	14'-9"										
9068	4	#9	20'-2"	2	1'-7"	18'-7"										
9070	2	#9	14'-3 X"	2	1'-7"	11'-1 X"					1'-7"					
9071	12	#9	27'-10"	2	1'-7"	24'-8"					1'-7"					
9072	4	#9	32'-10"	2	1'-7"	29'-8"					1'-7"					
9073	16	#9	20'-6"	2	1'-7"	17'-4"					1'-7"					
9074	16	#9	30'-3"	2	1'-7"	27'-1"					1'-7"					
9075	6	#9	16'-3"	2	1'-7"	13'-1"					1'-7"					
9076	6	#9	31'-9"	2	1'-7"	28'-7"					1'-7"					
9077	6	#9	11'-3"	2	1'-7"	8'-1"					1'-7"					
9078	6	#9	27'-1"	2	1'-7"	23'-11"					1'-7"					
9079	4	#9	28'-8"	2	1'-7"	25'-6"					1'-7"					
9080	2	#9	28'-9"	2	1'-7"	25'-7"					1'-7"					
9081	5	#9	22'-4"	2	1'-7"	20'-9"										
9082	5	#9	36'-9"	2	1'-7"	35'-2"										

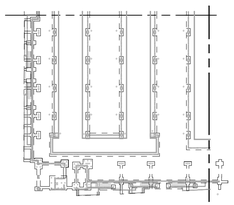
Bar list produced by RebarCAD 2022.0



Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"

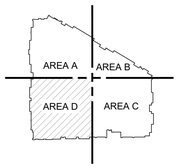
DRAWING INDEX FOR AREA D

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
GRADE BEAM	R13
WALL	R14
SLAB ON GRADE	R15



AREA-D KEY PLAN

Scale=NTS



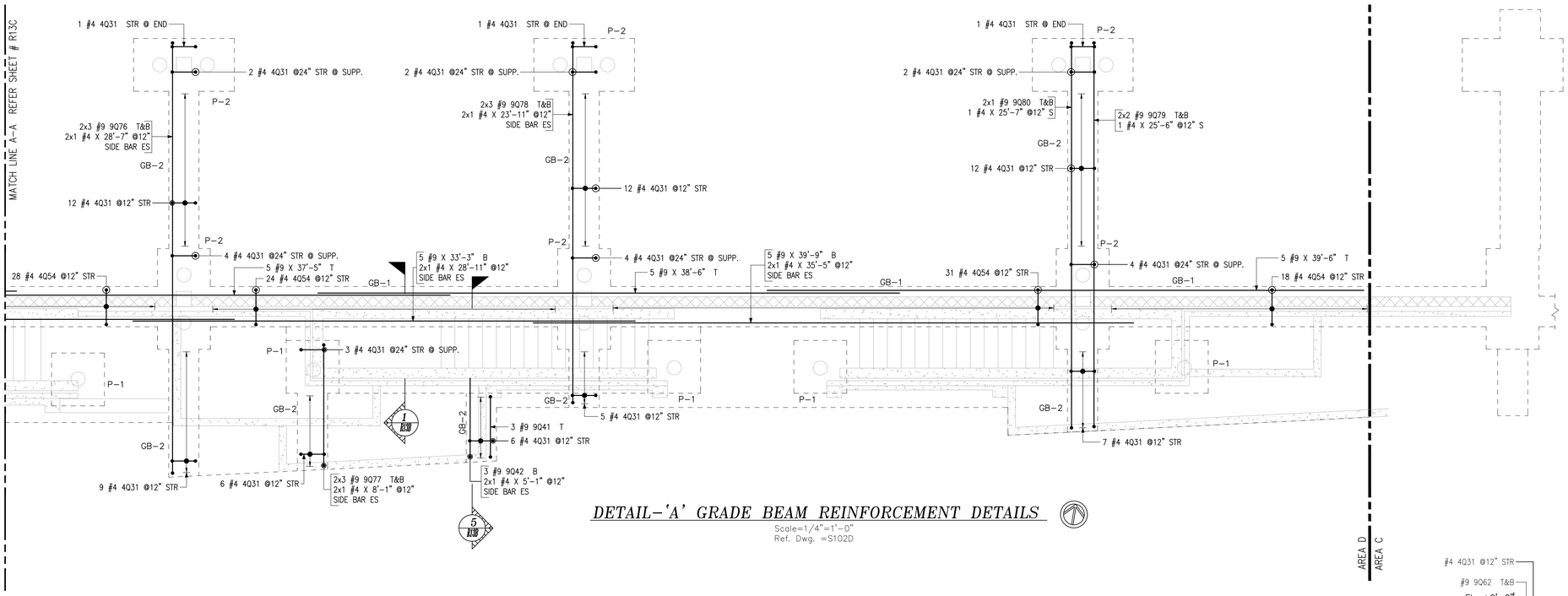
OVER ALL KEY PLAN

Scale=NTS

LEGENDS:

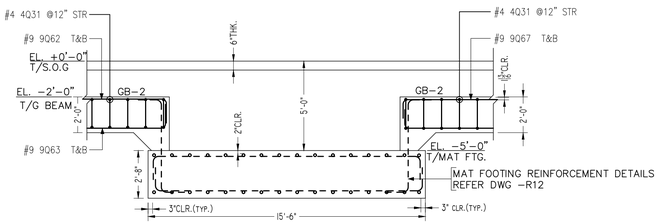
- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION-MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



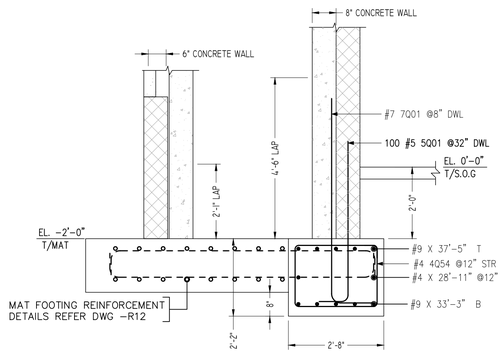
DETAIL-'A' GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. =S102D



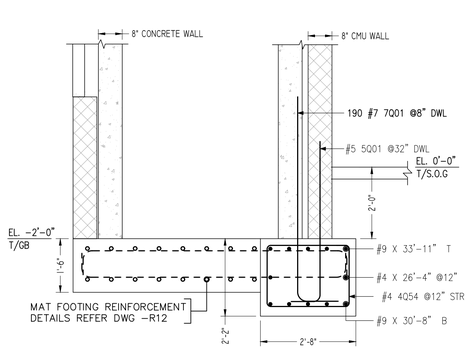
ELEVATION (A)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D&S503



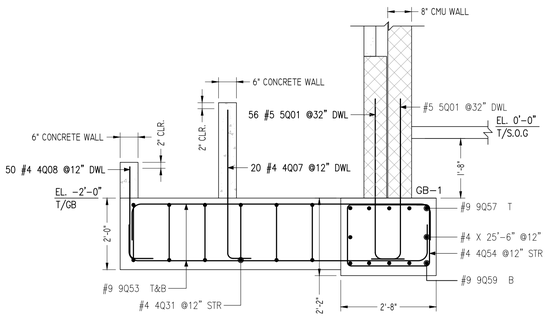
SECTION (1)

Scale=1/2"=1'-0"
Ref. Dwg. =2/S301



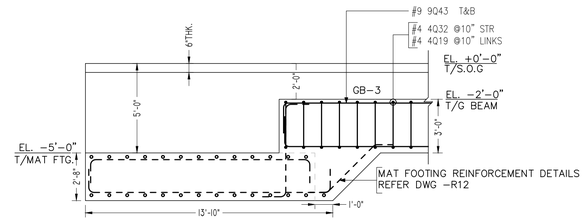
SECTION (2)

Scale=1/2"=1'-0"
Ref. Dwg. =2A/S301



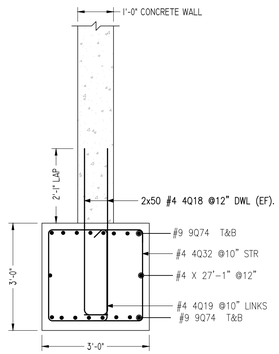
SECTION (3)

Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



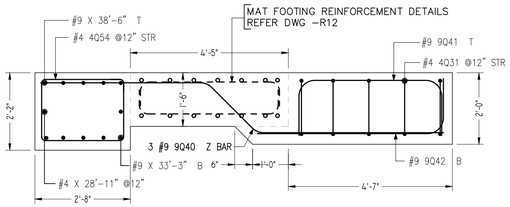
ELEVATION (B)

Scale=1/4"=1'-0"
Ref. Dwg. =S102D&S503



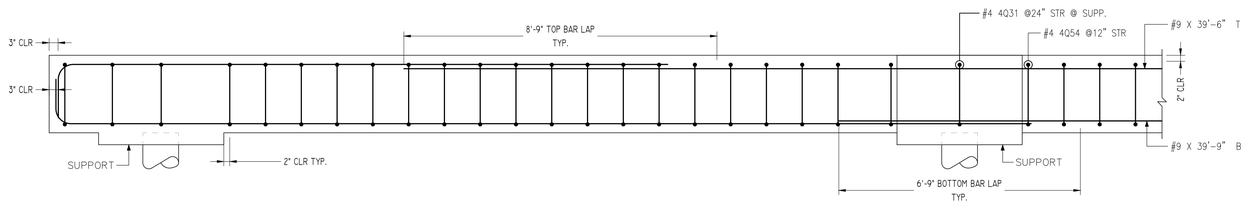
SECTION (4)

Scale=1/2"=1'-0"
Ref. Dwg. =S301



SECTION (5)

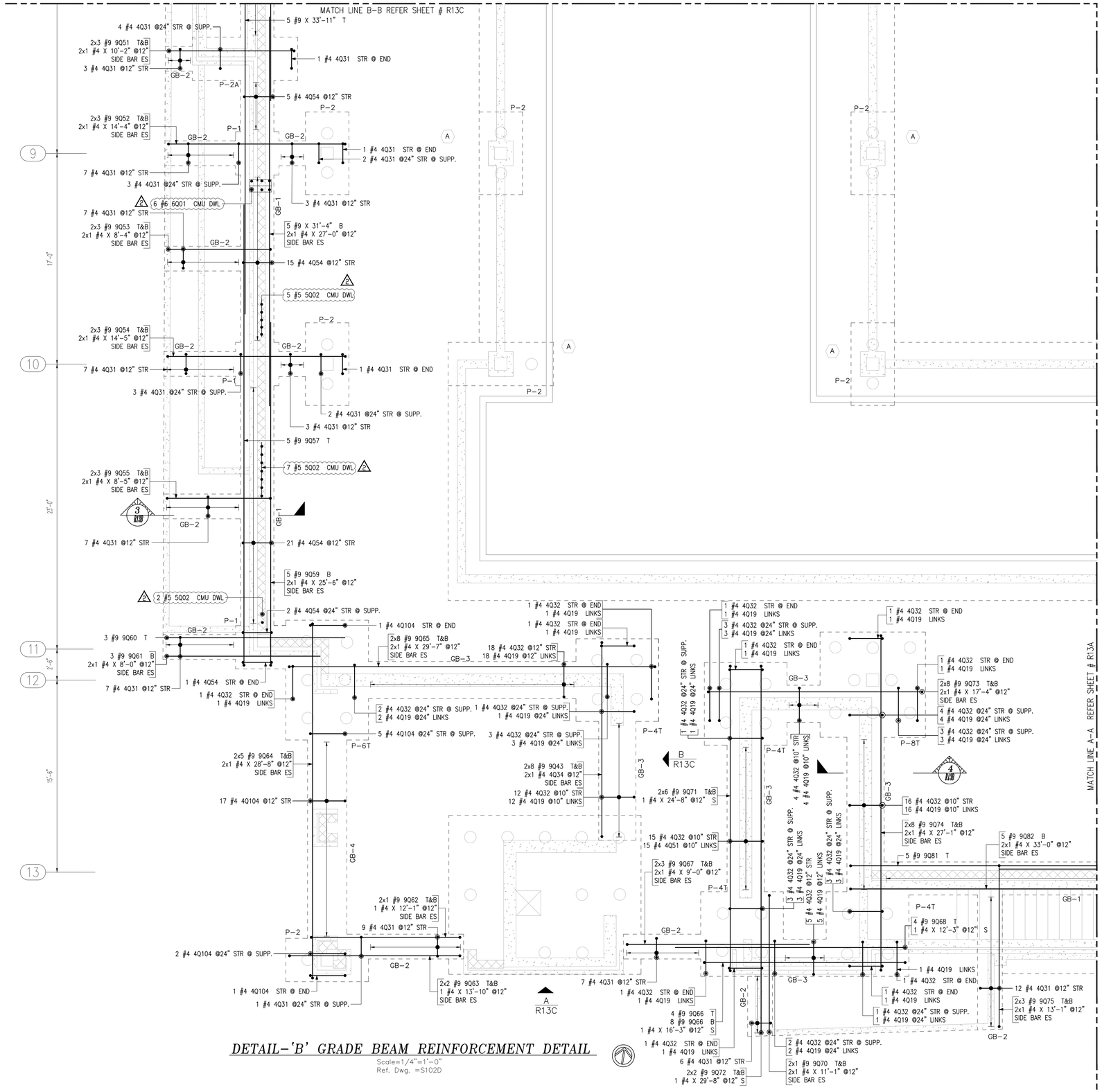
Scale=1/2"=1'-0"



TYPICAL GRADE BEAM DETAIL

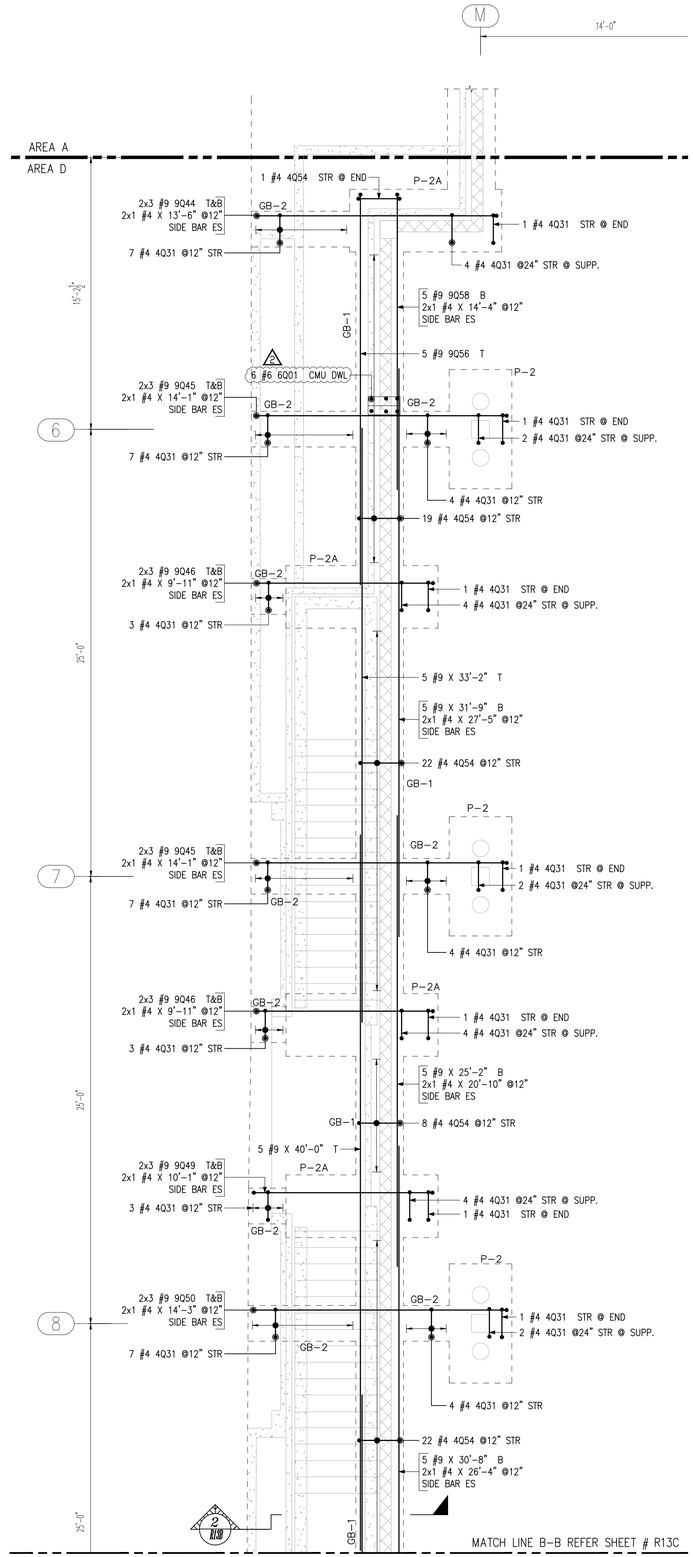
Scale=1/2"=1'-0"
Ref. Dwg. = S501

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



DETAIL-'B' GRADE BEAM REINFORCEMENT DETAIL

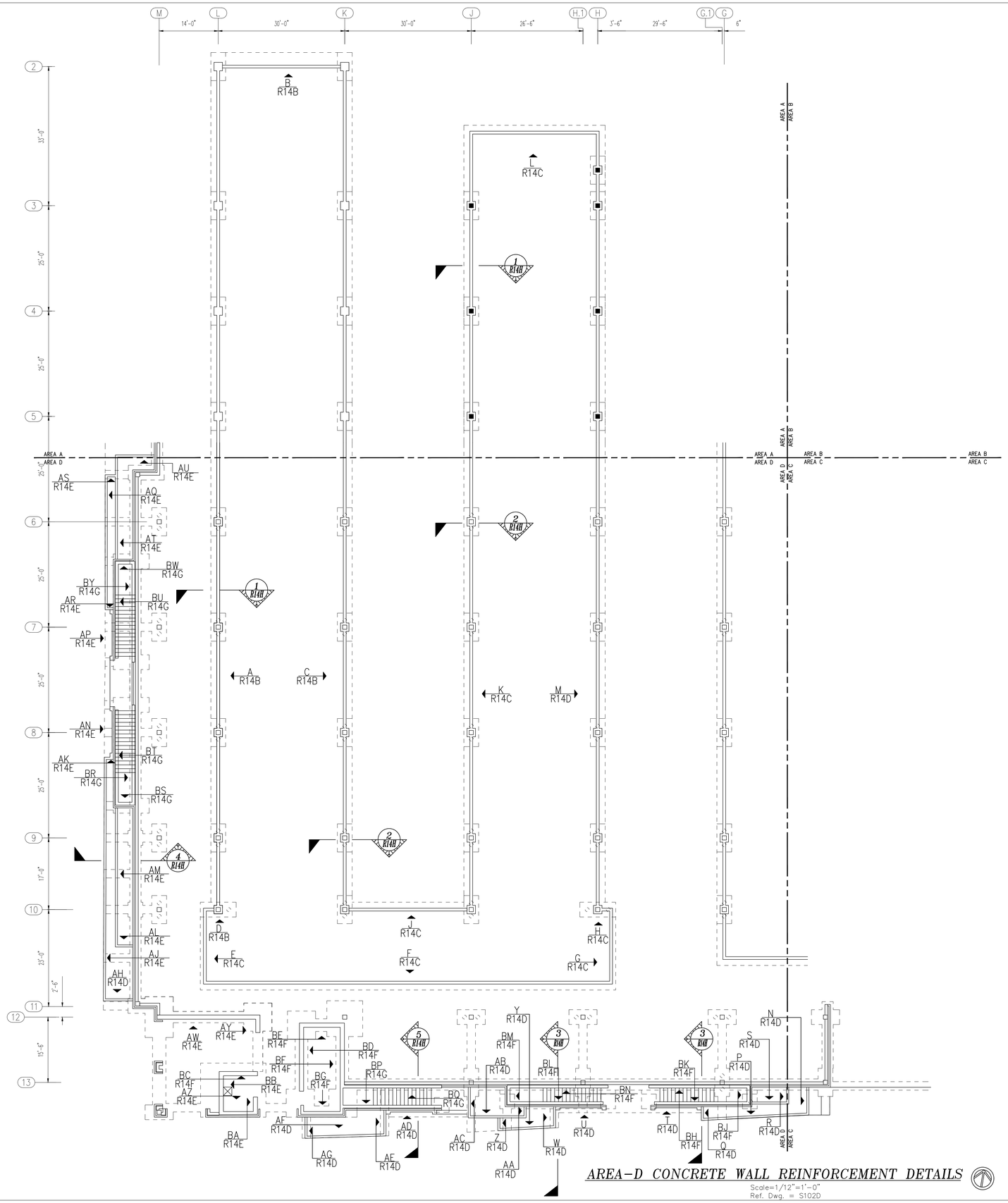
Scale=1/4"=1'-0"
Ref. Dwg. =S102D



DETAIL-'C' GRADE BEAM REINFORCEMENT DETAILS

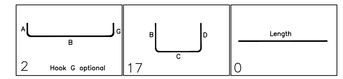
Scale=1/4"=1'-0"
Ref. Dwg. =S102D

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



Release Number: R14A-R14H					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3801	73	#3	3'-3"	2	0'-6"	2'-9"										
3802	8	#3	4'-10"	2	0'-6"	4'-4"										
3807	8	#3	4'-4"	2	0'-6"	3'-10"										
4801	997	#4	3'-5"	2	0'-8"	2'-9"										
4802	575	#4	4'-3"	2	0'-8"	3'-7"										
4803	138	#4	7'-1"	2	0'-8"	6'-5"										
4804	6	#4	5'-9"	2	0'-8"	5'-1"										
4805	242	#4	4'-8"	2	0'-8"	4'-0"										
4806	267	#4	5'-6"	17		2'-9"	2'-9"									
4807	154	#4	6'-4"	2	0'-8"	5'-8"										
4808	228	#4	3'-2"	2	0'-8"	2'-6"										
4808a	8	#4	7'-7"			7'-7"										
Varies To																
4808b	8	#4	20'-5"			20'-5"										
4812	9	#4	8'-8"	2	0'-8"	8'-0"										
4813	34	#4	4'-10"	17		2'-9"	2'-1"									
4814a	2	#4	6'-8"			6'-8"										
Varies To																
4814b	2	#4	20'-0"			20'-0"										
4815	6	#4	5'-3"	17		2'-6"	2'-9"									
7801	35	#7	9'-2"	2	1'-2"	8'-0"										
7802a	9	#7	1'-9"			1'-9"										
Varies To																
7802b	9	#7	10'-1"			10'-1"										
7803	13	#7	9'-7"	2	1'-2"	8'-5"										
7804	48	#7	8'-11"	2	1'-2"	7'-9"										
7805	69	#7	7'-11"	2	1'-2"	6'-9"										
7806	18	#7	8'-9"	2	1'-2"	7'-7"										
7807	7	#7	8'-3"	2	1'-2"	7'-1"										
7808a	1	#7	6'-8"			6'-8"										
Varies To																
7808m	1	#7	10'-1"			10'-1"										
7809	1	#7	9'-5"	2	1'-2"	8'-3"										
7810	1	#7	9'-0"	2	1'-2"	7'-10"										
7811	1	#7	8'-7"	2	1'-2"	7'-5"										
7812	1	#7	8'-2"	2	1'-2"	7'-0"										
7813	1	#7	7'-9"	2	1'-2"	6'-7"										
7814	1	#7	7'-7"	2	1'-2"	6'-5"										

Bar list produced by RebarCAD 2022.0



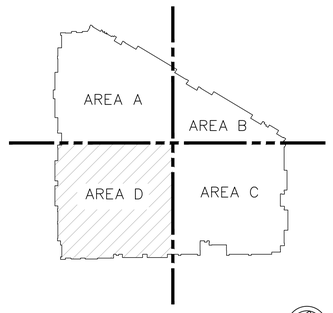
DRAWING INDEX FOR AREA D

ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
GRADE BEAM	R13
CONCRETE WALL	R14
SLAB ON GRADE	R15

Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"

AREA-D CONCRETE WALL REINFORCEMENT DETAILS

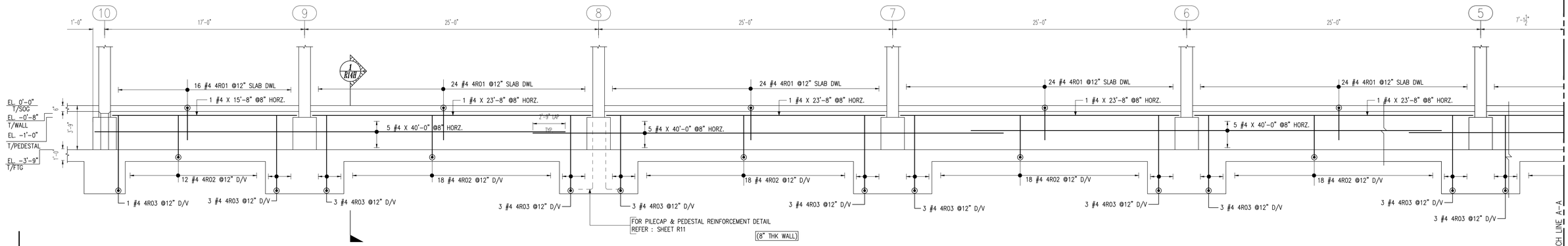
Scale=1/12"=1'-0"
Ref. Dwg. = S102D

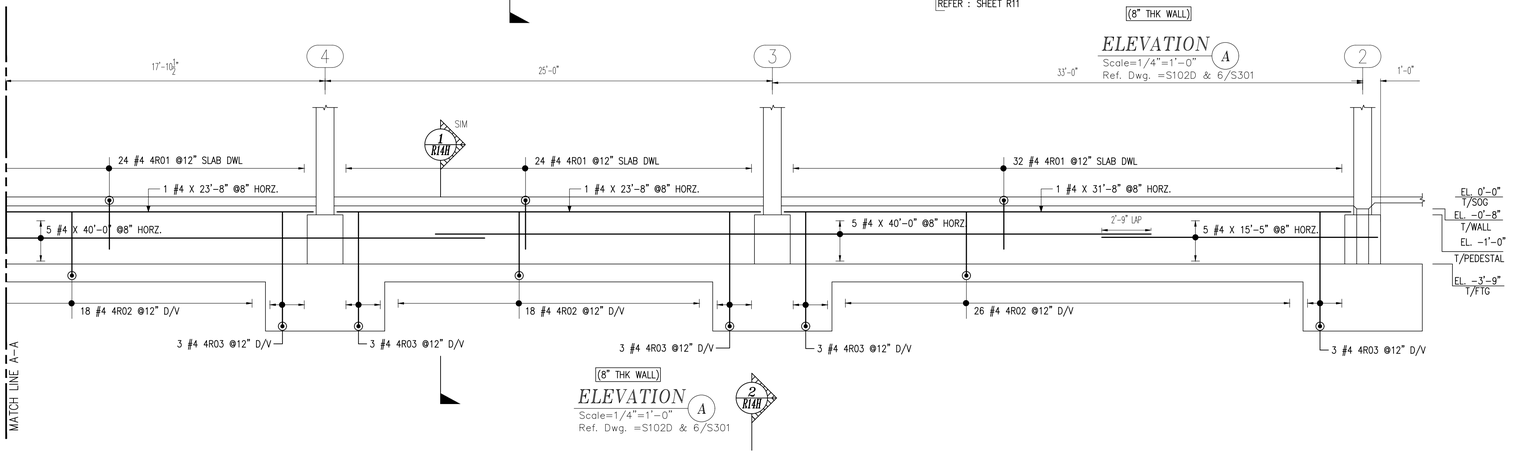


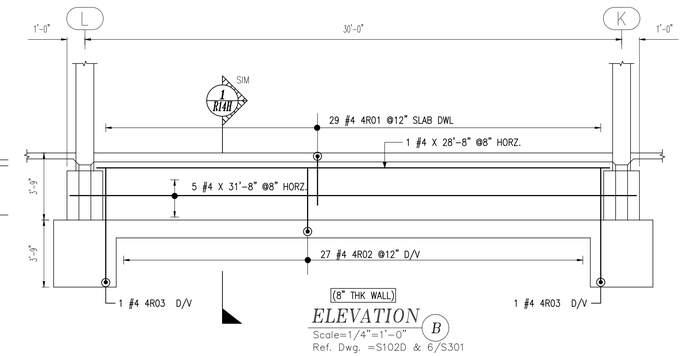
OVERALL AREA KEYPLAN

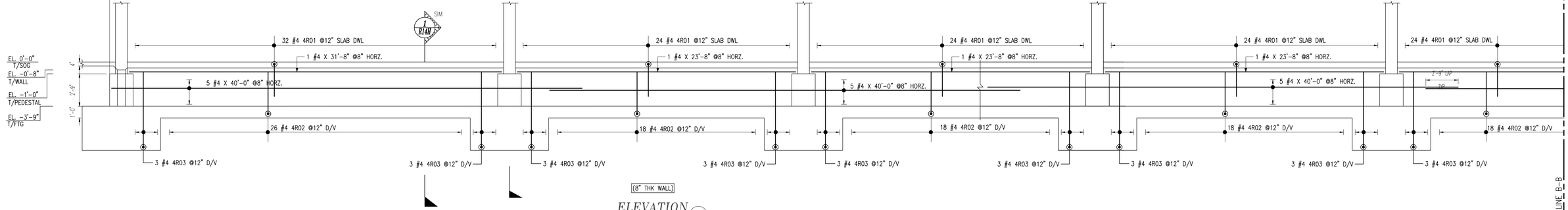
Scale=NTS

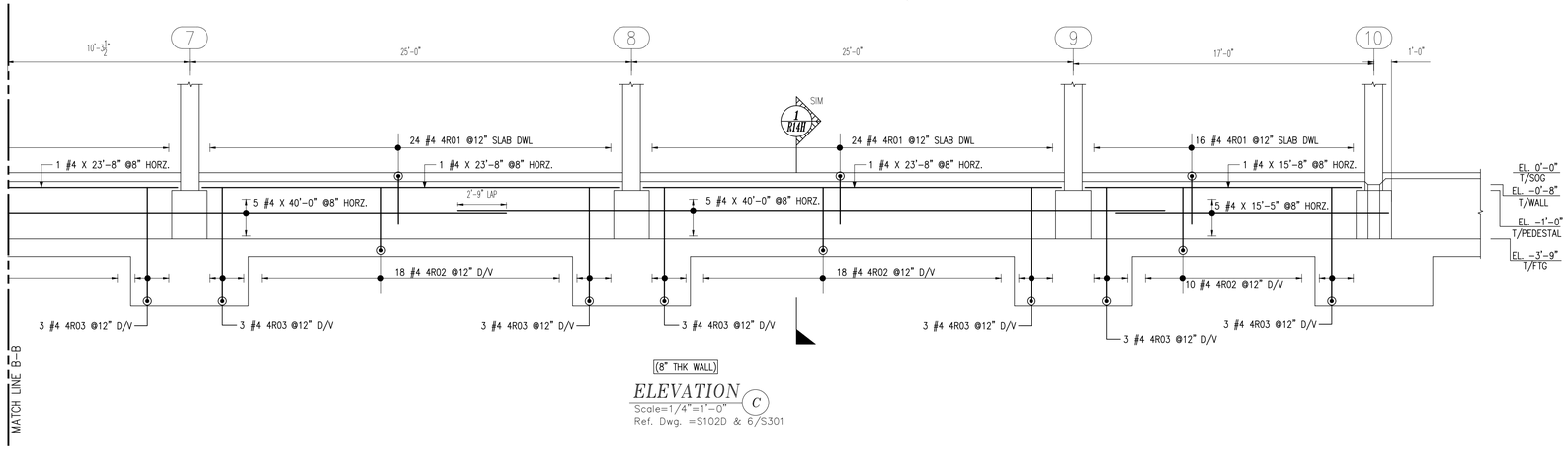
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/14/2022

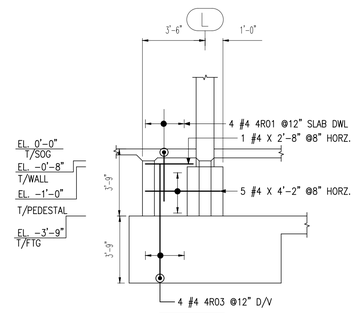

10
9
8
7
6
5
1'-0"
17'-0"
25'-0"
7'-1½"
EL. 0'-0" T/SOG
EL. -0'-8" T/WALL
EL. -1'-0" T/PEDESTAL
EL. -3'-9" T/FTG
3'-9"
1'-0"
16 #4 4R01 @12" SLAB DWL
24 #4 4R01 @12" SLAB DWL
1 #4 X 15'-8" @8" HORZ.
1 #4 X 23'-8" @8" HORZ.
5 #4 X 40'-0" @8" HORZ.
2'-9" LAP TYP
12 #4 4R02 @12" D/V
18 #4 4R02 @12" D/V
1 #4 4R03 @12" D/V
3 #4 4R03 @12" D/V
1 R14H
FOR PILECAP & PEDESTAL REINFORCEMENT DETAIL
REFER : SHEET R11
(8" THK WALL)
ELEVATION A
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301
MATCH LINE A-A

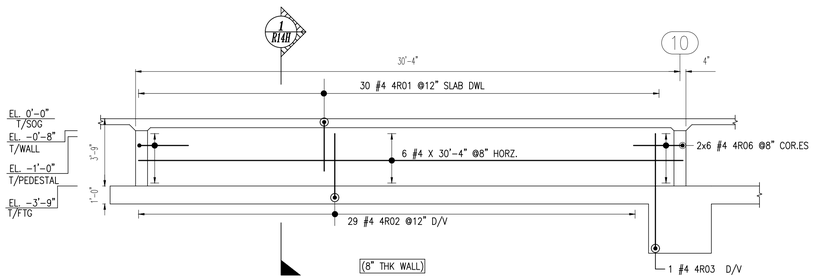

4
3
2
17'-10½"
25'-0"
33'-0"
1'-0"
SIM
1 R14H
24 #4 4R01 @12" SLAB DWL
32 #4 4R01 @12" SLAB DWL
1 #4 X 23'-8" @8" HORZ.
1 #4 X 31'-8" @8" HORZ.
5 #4 X 40'-0" @8" HORZ.
5 #4 X 15'-5" @8" HORZ.
2'-9" LAP
18 #4 4R02 @12" D/V
26 #4 4R02 @12" D/V
3 #4 4R03 @12" D/V
2 R14H
(8" THK WALL)
ELEVATION A
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301
MATCH LINE A-A


L
K
1'-0"
30'-0"
SIM
1 R14H
29 #4 4R01 @12" SLAB DWL
1 #4 X 28'-8" @8" HORZ.
5 #4 X 31'-8" @8" HORZ.
27 #4 4R02 @12" D/V
1 #4 4R03 D/V
3'-9"
3'-9"
(8" THK WALL)
ELEVATION B
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301


2
3
4
5
6
1'-0"
33'-0"
25'-0"
14'-8½"
EL. 0'-0" T/SOG
EL. -0'-8" T/WALL
EL. -1'-0" T/PEDESTAL
EL. -3'-9" T/FTG
4"
2'-9"
1'-0"
SIM
1 R14H
32 #4 4R01 @12" SLAB DWL
24 #4 4R01 @12" SLAB DWL
1 #4 X 31'-8" @8" HORZ.
1 #4 X 23'-8" @8" HORZ.
5 #4 X 40'-0" @8" HORZ.
2'-9" LAP TYP
26 #4 4R02 @12" D/V
18 #4 4R02 @12" D/V
3 #4 4R03 @12" D/V
(8" THK WALL)
ELEVATION C
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301
MATCH LINE B-B


7
8
9
10
10'-3½"
25'-0"
17'-0"
1'-0"
SIM
1 R14H
24 #4 4R01 @12" SLAB DWL
16 #4 4R01 @12" SLAB DWL
1 #4 X 23'-8" @8" HORZ.
1 #4 X 15'-8" @8" HORZ.
5 #4 X 40'-0" @8" HORZ.
5 #4 X 15'-5" @8" HORZ.
2'-9" LAP
18 #4 4R02 @12" D/V
10 #4 4R02 @12" D/V
3 #4 4R03 @12" D/V
EL. 0'-0" T/SOG
EL. -0'-8" T/WALL
EL. -1'-0" T/PEDESTAL
EL. -3'-9" T/FTG
(8" THK WALL)
ELEVATION C
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301
MATCH LINE B-B


L
3'-6"
1'-0"
EL. 0'-0" T/SOG
EL. -0'-8" T/WALL
EL. -1'-0" T/PEDESTAL
EL. -3'-9" T/FTG
3'-9"
3'-9"
4 #4 4R01 @12" SLAB DWL
1 #4 X 2'-8" @8" HORZ.
5 #4 X 4'-2" @8" HORZ.
4 #4 4R03 @12" D/V
(8" THK WALL)
ELEVATION D
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301

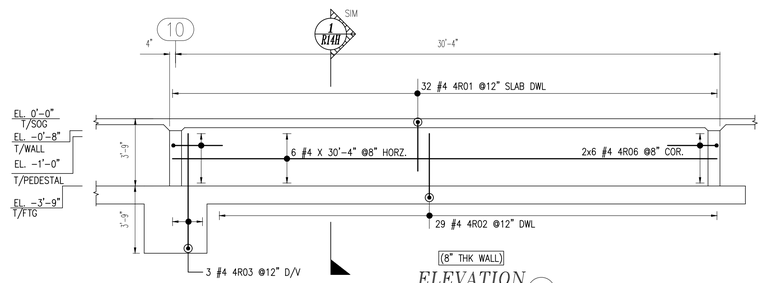


(8" THK WALL)

ELEVATION E

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

Ref. Dwg. =S102D & 6/S301

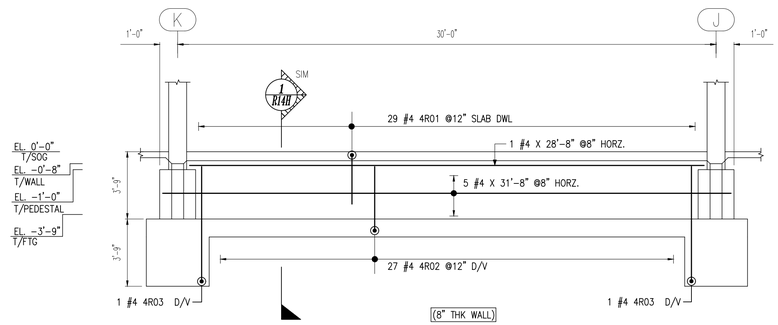


(8" THK WALL)

ELEVATION G

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

Ref. Dwg. =S102D & 6/S301

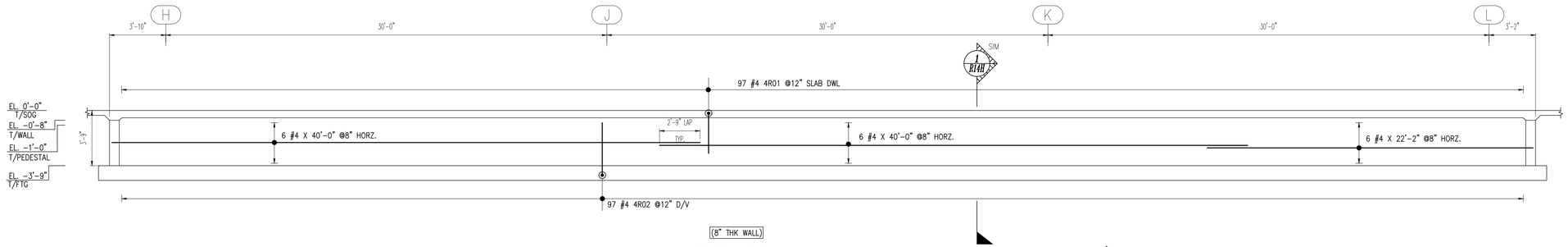


(8" THK WALL)

ELEVATION J

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

Ref. Dwg. =S102D & 6/S301

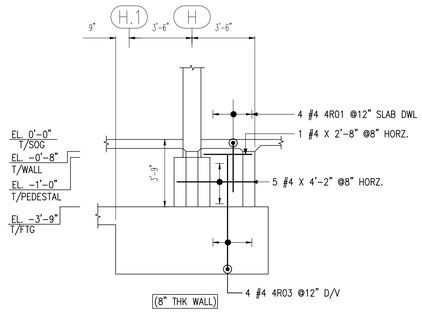


(8" THK WALL)

ELEVATION F

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

Ref. Dwg. =S102D & 6/S301

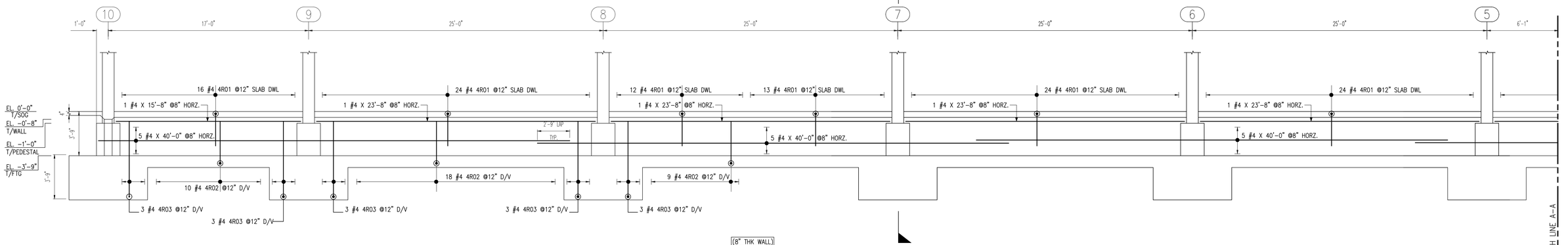


(8" THK WALL)

ELEVATION H

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

Ref. Dwg. =S102D & 6/S301

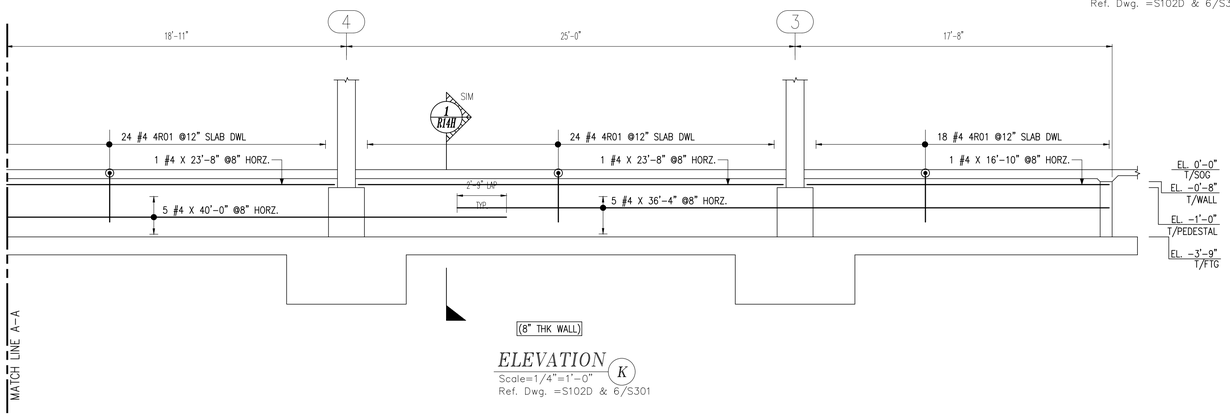


(8" THK WALL)

ELEVATION K

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

Ref. Dwg. =S102D & 6/S301

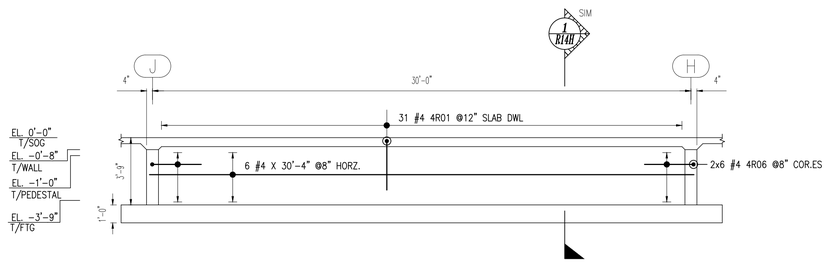


(8" THK WALL)

ELEVATION K

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

Ref. Dwg. =S102D & 6/S301

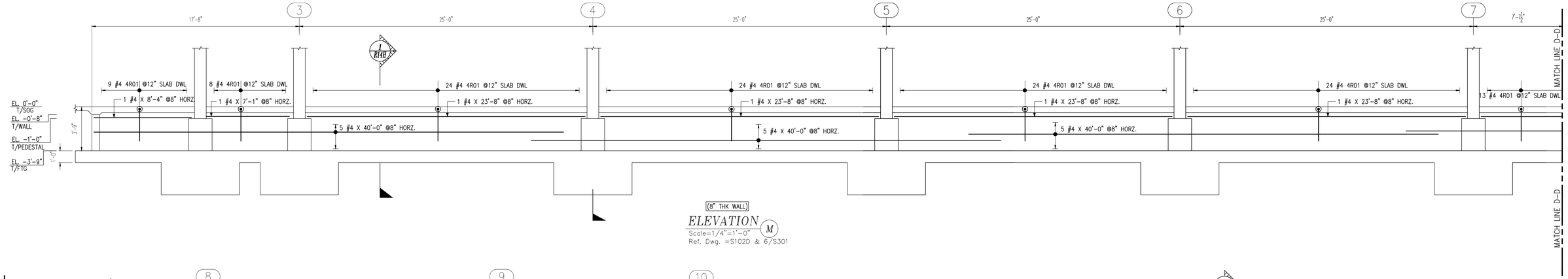


(8" THK WALL)

ELEVATION L

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

Ref. Dwg. =S102D & 6/S301

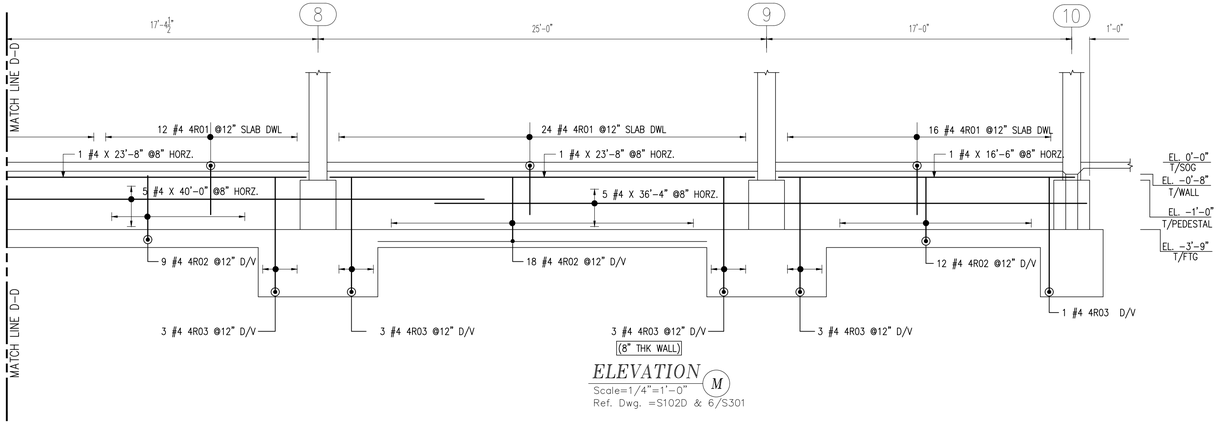


(8" THK WALL)

ELEVATION (M)

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

Ref. Dwg. =S102D & 6/S301

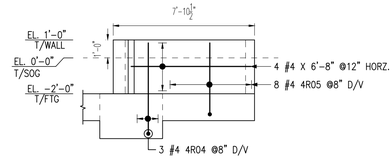


(8" THK WALL)

ELEVATION (M)

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

Ref. Dwg. =S102D & 6/S301

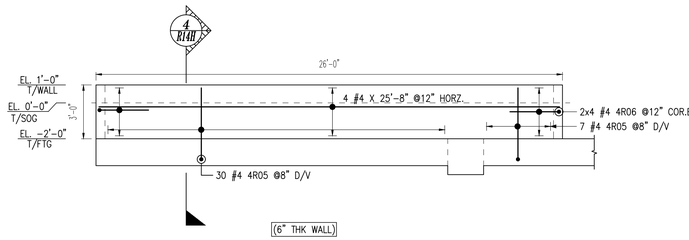


(6" THK WALL)

ELEVATION (N)

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

Ref. Dwg. =S102D & 7/S301



(6" THK WALL)

ELEVATION (P)

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

Ref. Dwg. =S102D & 7/S301

(6" THK WALL)

ELEVATION (Q)

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

Ref. Dwg. =S102D & 7/S301

(6" THK WALL)

ELEVATION (R)

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

Ref. Dwg. =S102D & 7/S301

(6" THK WALL)

ELEVATION (S)

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

Ref. Dwg. =S102D & 7/S301

(6" THK WALL)

ELEVATION (T)

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

Ref. Dwg. =S102D & 7/S301

(6" THK WALL)

ELEVATION (U)

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

Ref. Dwg. =S102D & 7/S301



(6" THK WALL)

ELEVATION (W)

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

Ref. Dwg. =S102D & 7/S301

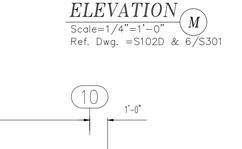


(6" THK WALL)

ELEVATION (Y)

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

Ref. Dwg. =S102D & 7/S301

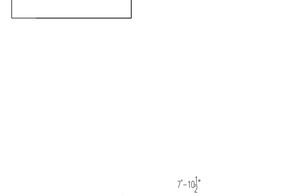


(6" THK WALL)

ELEVATION (Z)

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

Ref. Dwg. =S102D & 7/S301



(6" THK WALL)

ELEVATION (AA)

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

Ref. Dwg. =S102D & 7/S301

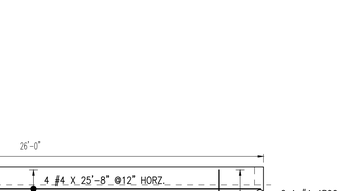


(6" THK WALL)

ELEVATION (AB)

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

Ref. Dwg. =S102D & 7/S301

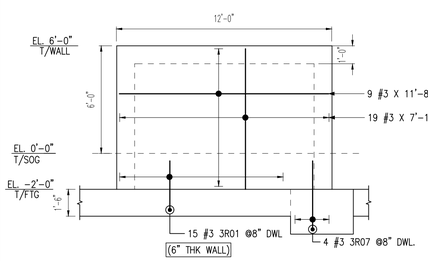


(6" THK WALL)

ELEVATION (AC)

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

Ref. Dwg. =S102D & 7/S301

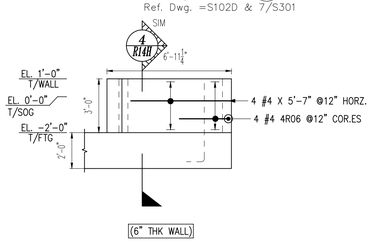


(6" THK WALL)

ELEVATION (AD)

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

Ref. Dwg. =S102D & 7/S301

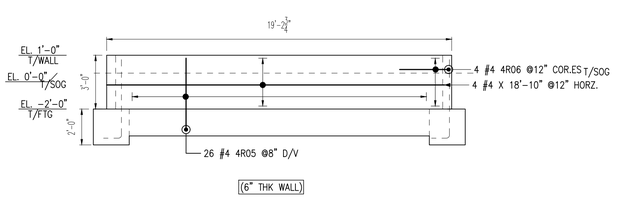


(6" THK WALL)

ELEVATION (AE)

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

Ref. Dwg. =S102D & 7/S301

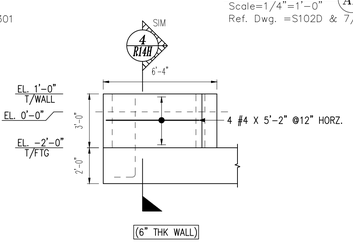


(6" THK WALL)

ELEVATION (AF)

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

Ref. Dwg. =S102D & 7/S301

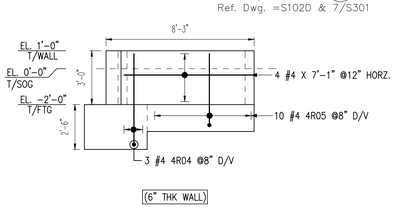


(6" THK WALL)

ELEVATION (AG)

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

Ref. Dwg. =S102D & 7/S301

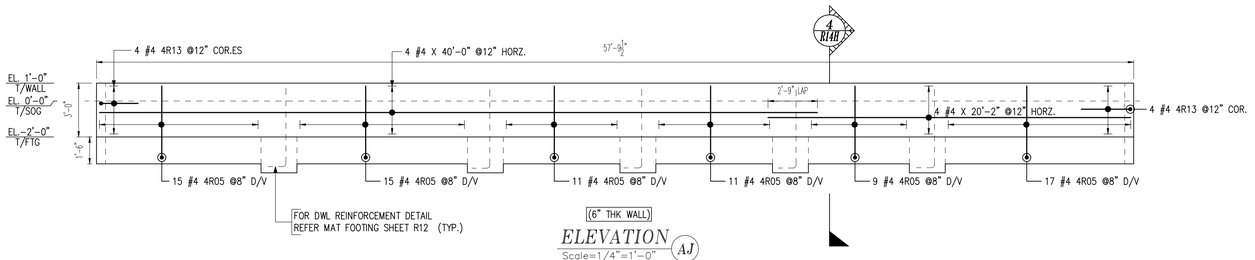


(6" THK WALL)

ELEVATION (AH)

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

Ref. Dwg. =S102D & 7/S301

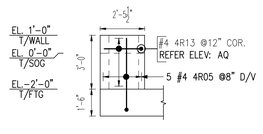


(6" THK WALL)

ELEVATION AJ

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

Ref. Dwg. =S102D & 7/S301

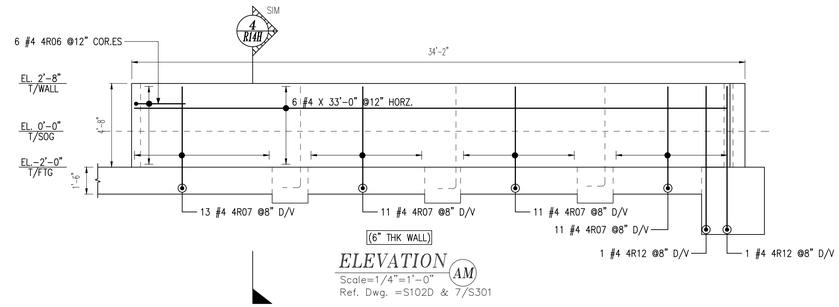


(6" THK WALL)

ELEVATION AK

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

Ref. Dwg. =S102D & 7/S301

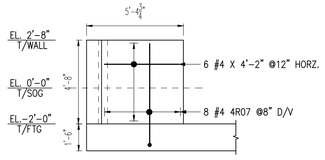


(6" THK WALL)

ELEVATION AM

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

Ref. Dwg. =S102D & 7/S301

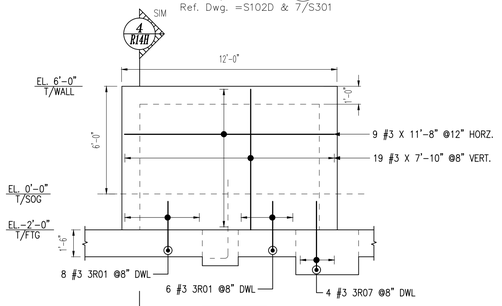


(6" THK WALL)

ELEVATION AL

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

Ref. Dwg. =S102D & 7/S301

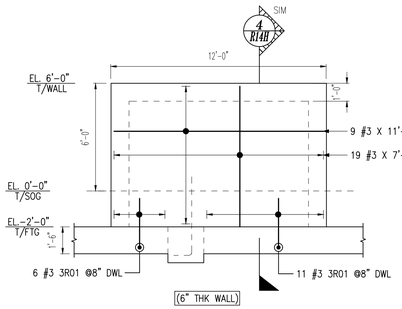


(6" THK WALL)

ELEVATION AN

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

Ref. Dwg. =S102D & 7/S301

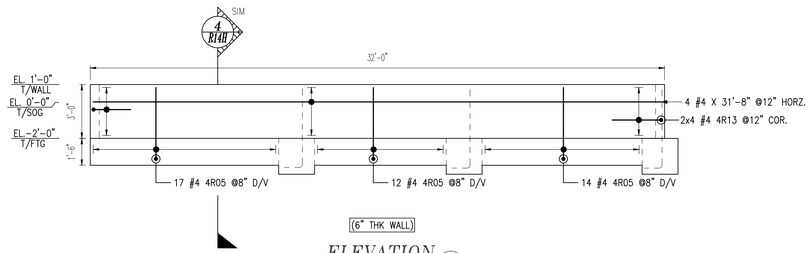


(6" THK WALL)

ELEVATION AP

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

Ref. Dwg. =S102D & 7/S301

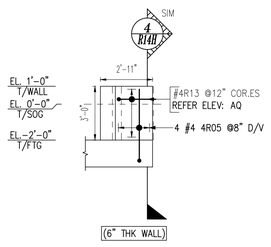


(6" THK WALL)

ELEVATION AQ

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

Ref. Dwg. =S102D & 7/S301

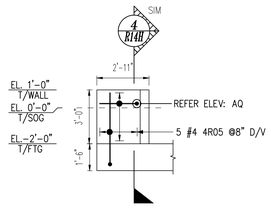


(6" THK WALL)

ELEVATION AR

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

Ref. Dwg. =S102D & 7/S301

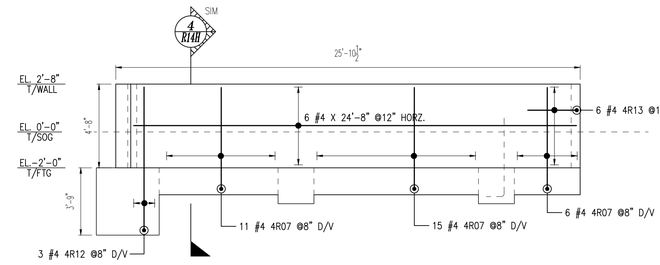


(6" THK WALL)

ELEVATION AS

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

Ref. Dwg. =S102D & 7/S301

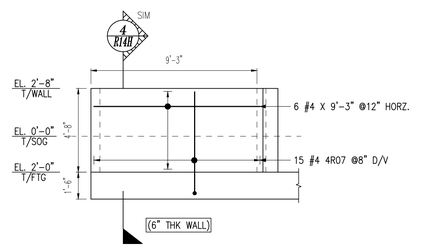


(6" THK WALL)

ELEVATION AT

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

Ref. Dwg. =S102D & 7/S301

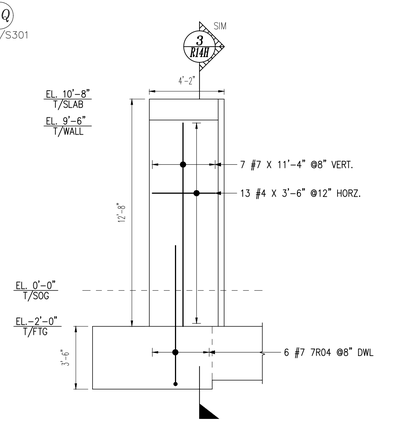


(6" THK WALL)

ELEVATION AU

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

Ref. Dwg. =S102D & 7/S301

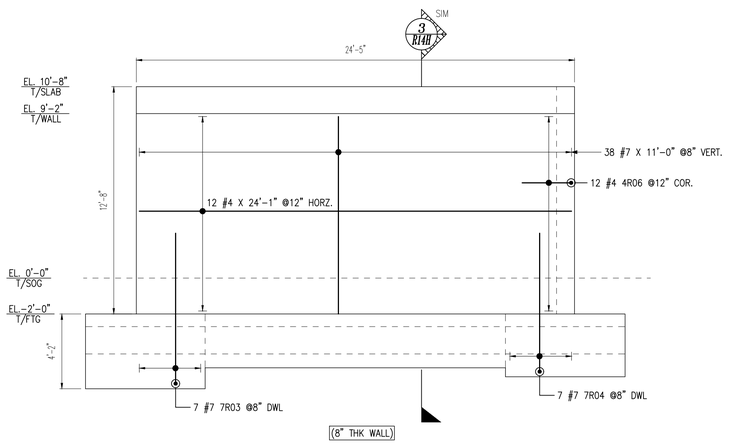


(8" THK WALL)

ELEVATION AY

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

Ref. Dwg. =S102D & 2/S301

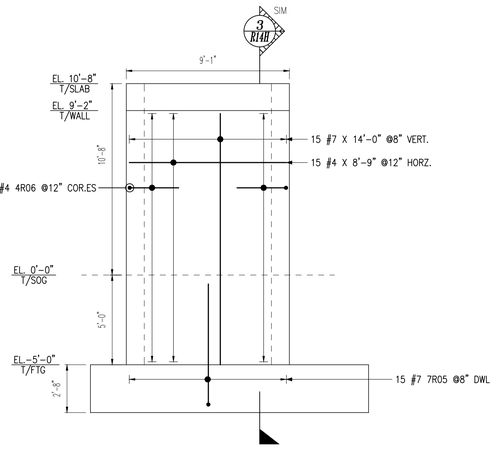


(8" THK WALL)

ELEVATION AW

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

Ref. Dwg. =S102D & 2/S301

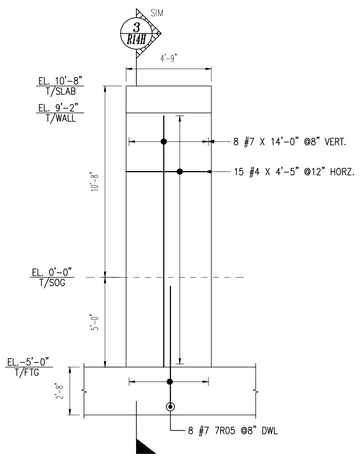


(8" THK WALL)

ELEVATION AZ

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

Ref. Dwg. =S102D & 2/S301

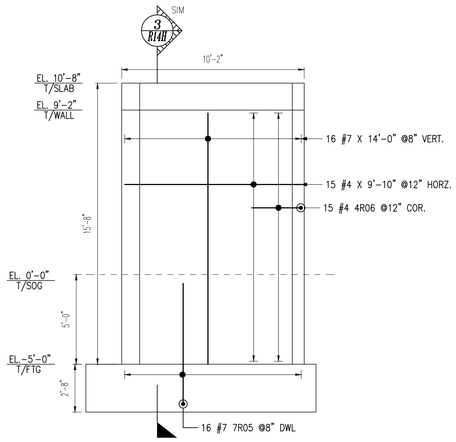


(8" THK WALL)

ELEVATION BA

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

Ref. Dwg. =S102D & 2/S301

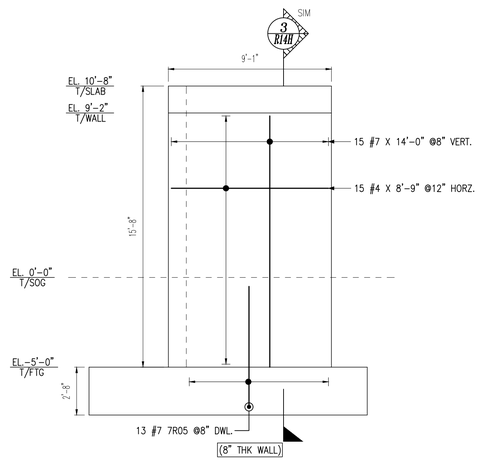


(8" THK WALL)

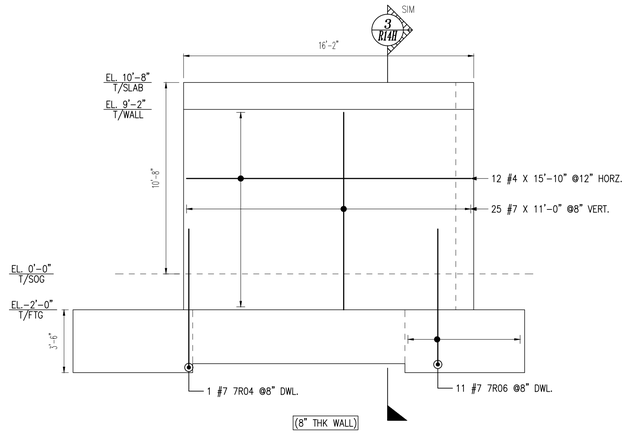
ELEVATION BB

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

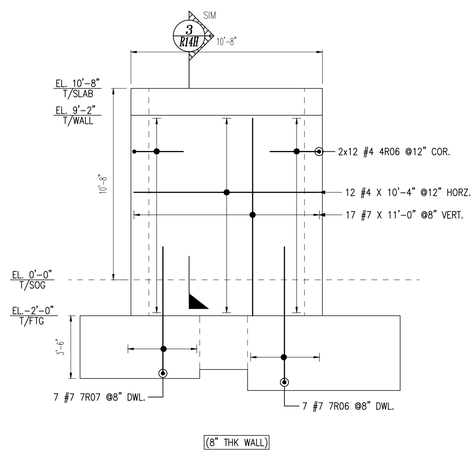
Ref. Dwg. =S102D & 2/S301



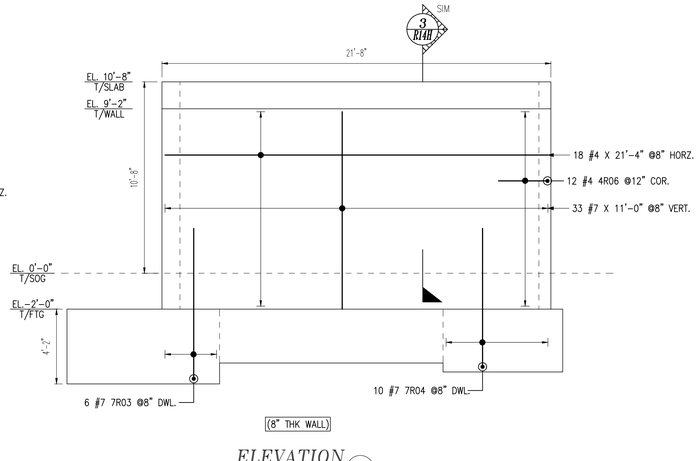
ELEVATION (BC)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



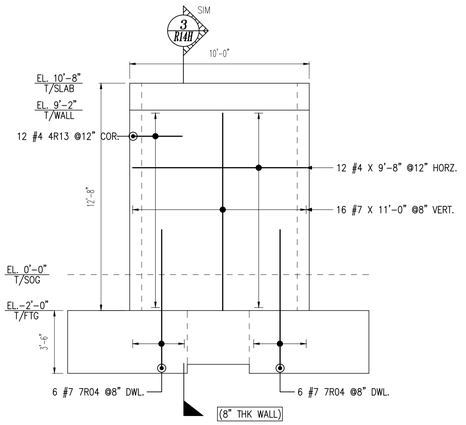
ELEVATION (BD)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



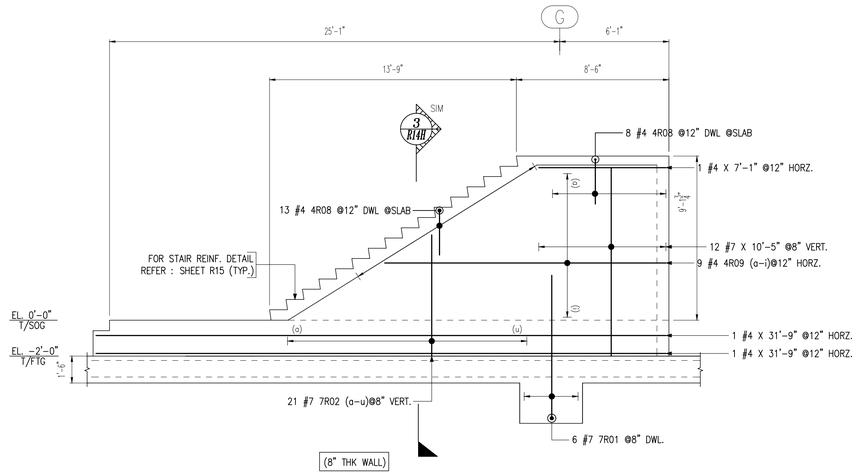
ELEVATION (BE)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



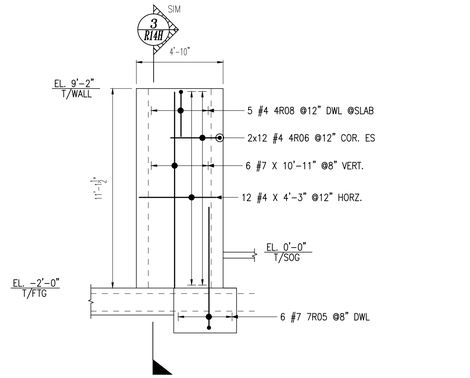
ELEVATION (BF)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



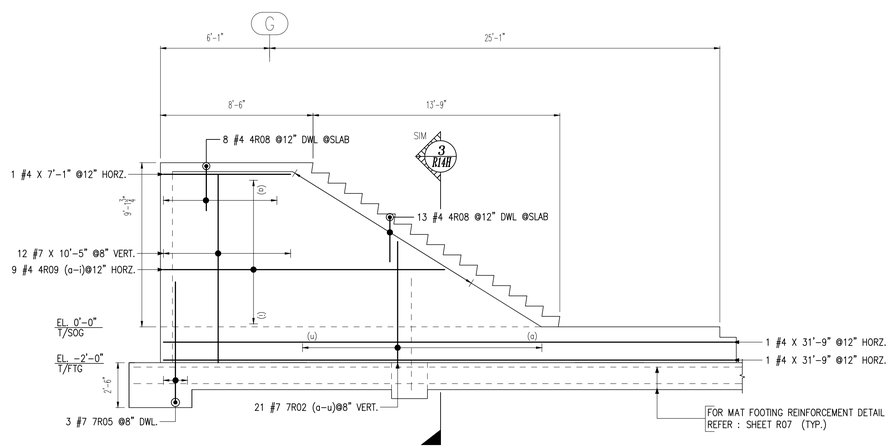
ELEVATION (BG)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



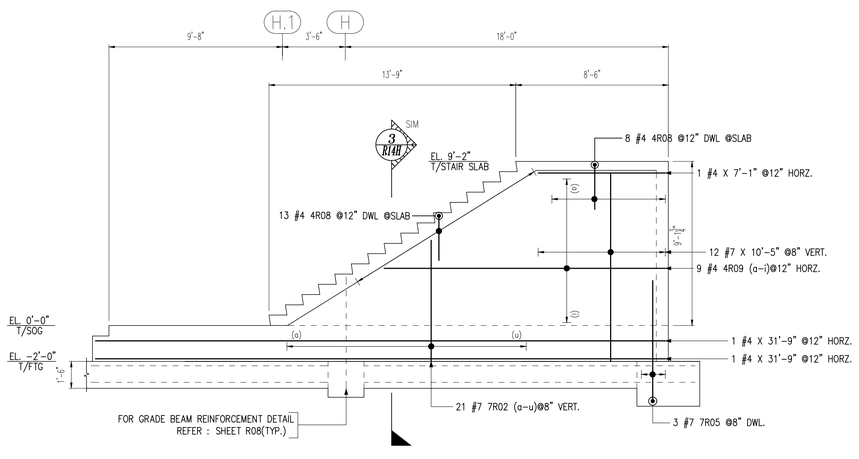
ELEVATION (BH)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



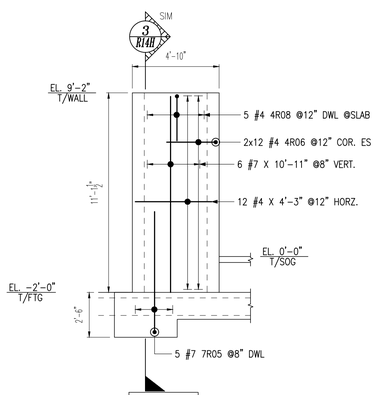
ELEVATION (BJ)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



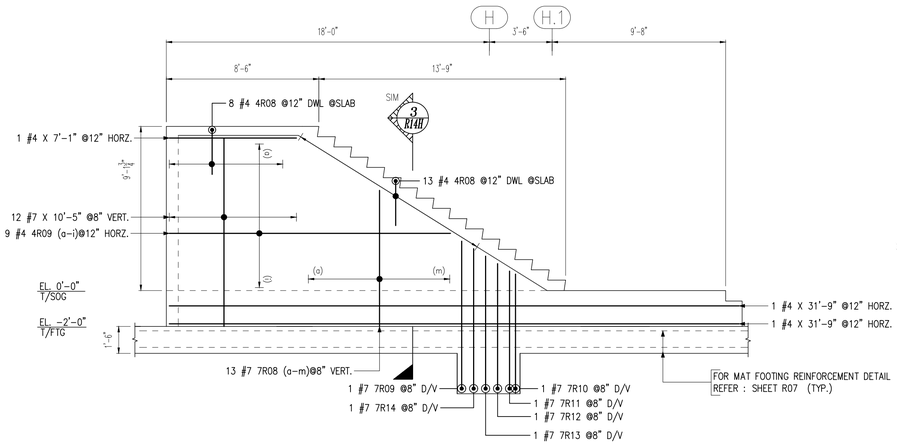
ELEVATION (BK)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



ELEVATION (BL)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



ELEVATION (BM)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

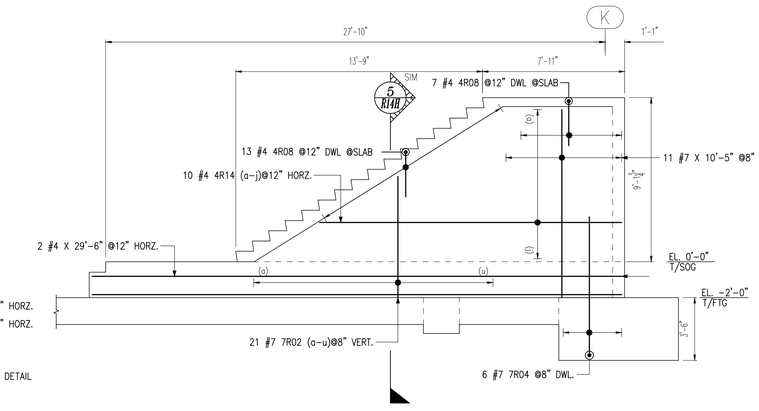


(8" THK WALL)

ELEVATION BN

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

Ref. Dwg. =S102D & 2/S301

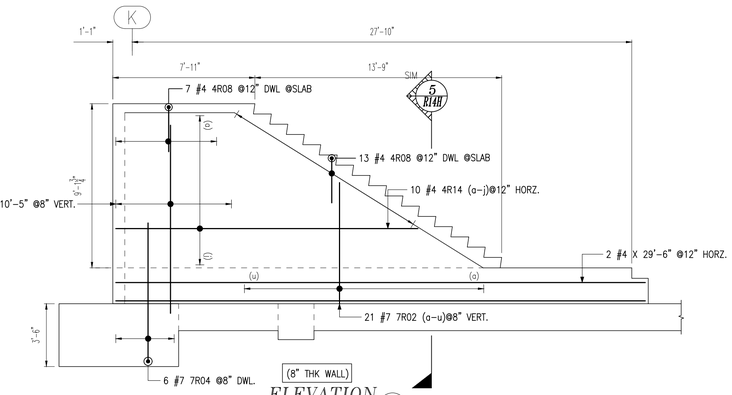


(8" THK WALL)

ELEVATION BP

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

Ref. Dwg. =S102D & 2/S301

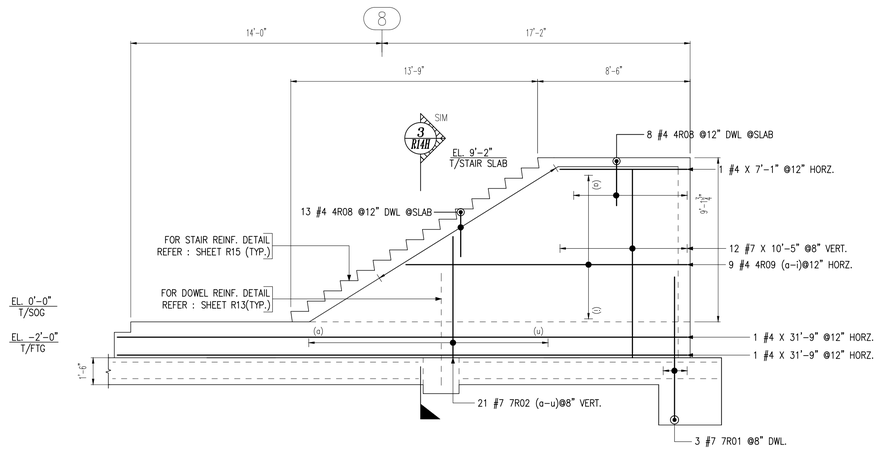


(8" THK WALL)

ELEVATION BQ

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

Ref. Dwg. =S102D & 2/S301

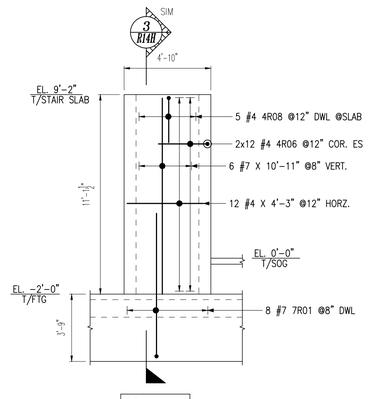


(8" THK WALL)

ELEVATION BR

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

Ref. Dwg. =S102D & 2/S301

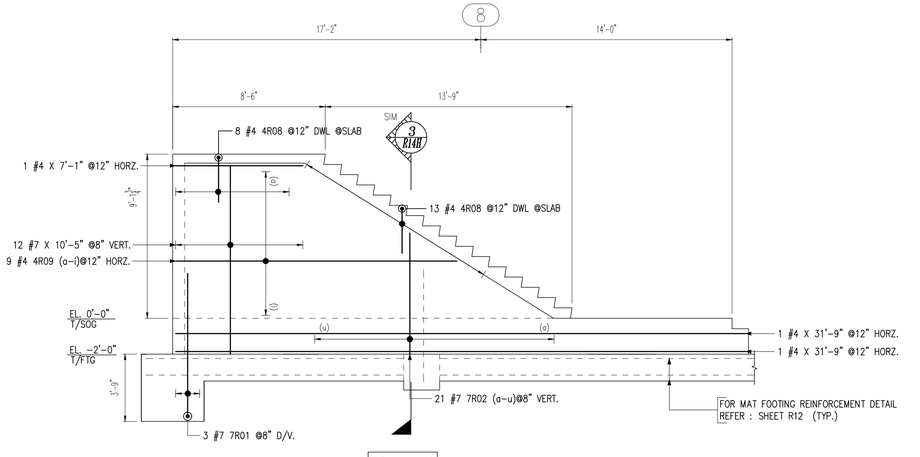


(8" THK WALL)

ELEVATION BS

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

Ref. Dwg. =S102D & 2/S301

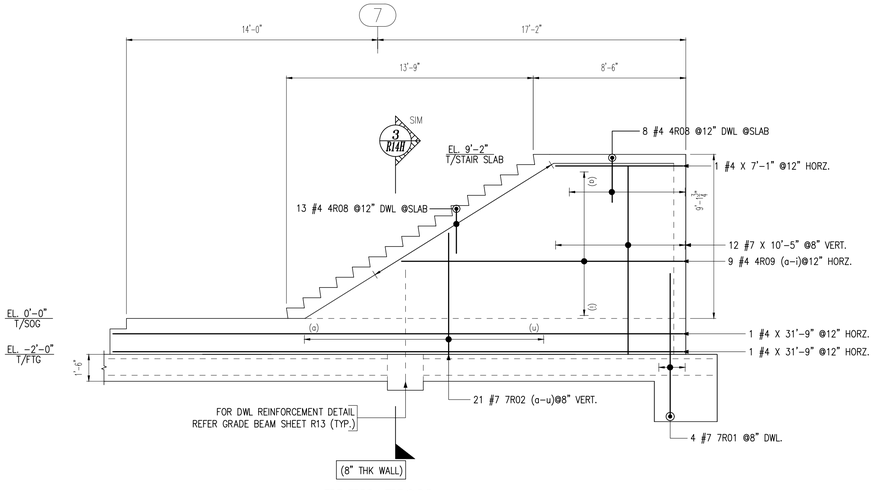


(8" THK WALL)

ELEVATION BT

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

Ref. Dwg. =S102D & 2/S301

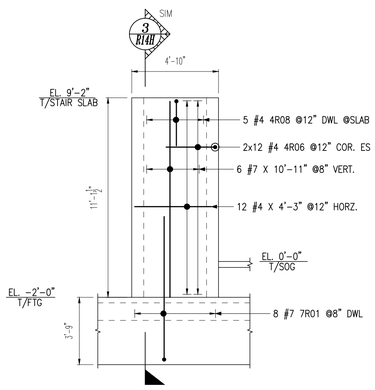


(8" THK WALL)

ELEVATION BU

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

Ref. Dwg. =S102D & 2/S301

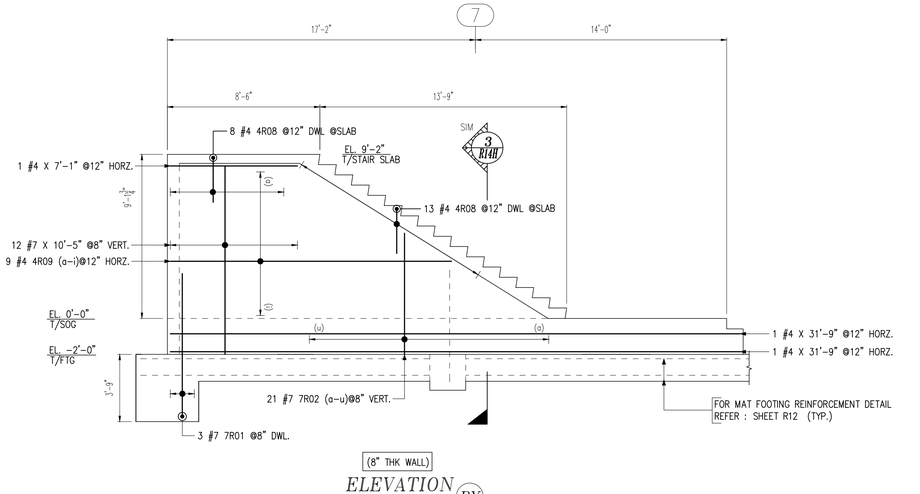


(8" THK WALL)

ELEVATION BW

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

Ref. Dwg. =S102D & 2/S301

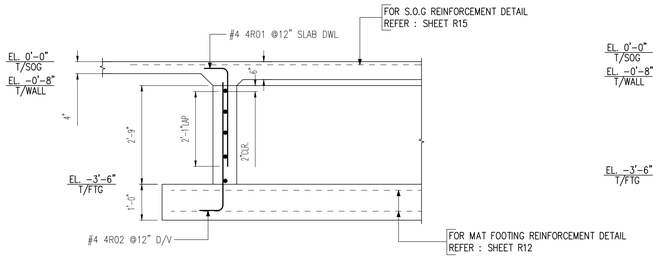


(8" THK WALL)

ELEVATION BY

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

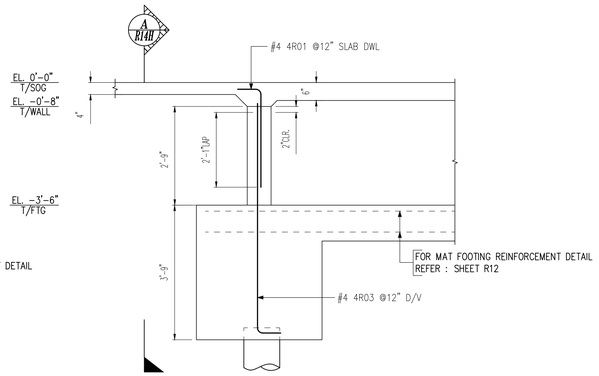
Ref. Dwg. =S102D & 2/S301



REINFORCEMENT DETAIL BETWEEN PILE CAPS

SECTION (1)

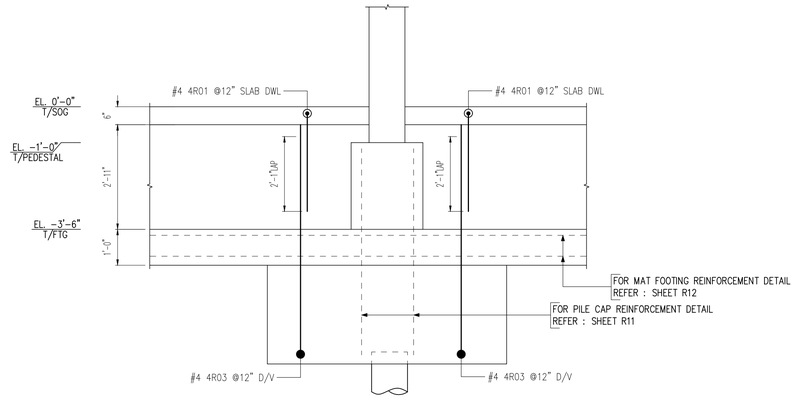
Scale=1/2"=1'-0"
Ref. Dwg. =S301



REINFORCEMENT DETAIL AT PILE CAPS

SECTION (2)

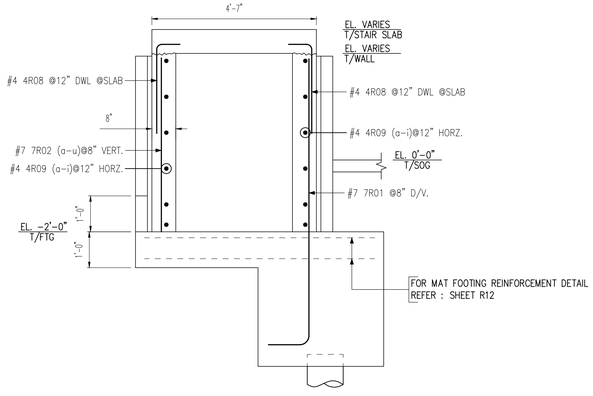
Scale=1/2"=1'-0"
Ref. Dwg. =S301



REINFORCEMENT DETAIL AT COLUMN CONDITION

SECTION (A)

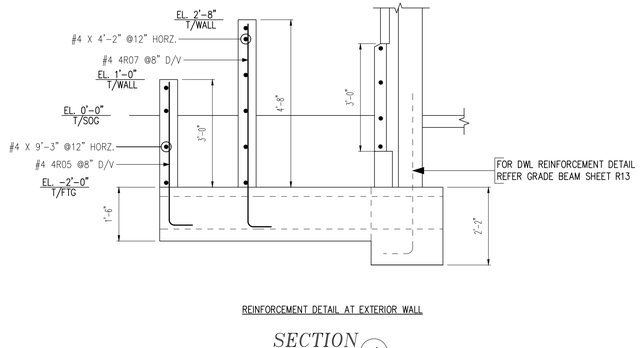
Scale=1/2"=1'-0"
Ref. Dwg. =S102C



REINFORCEMENT DETAIL AT STAIRCASE

SECTION (3)

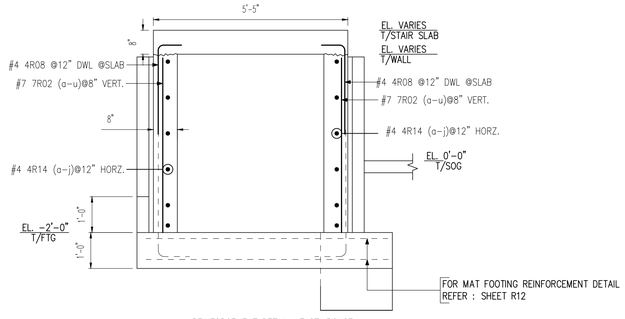
Scale=1/2"=1'-0"
Ref. Dwg. =S301



REINFORCEMENT DETAIL AT EXTERIOR WALL

SECTION (4)

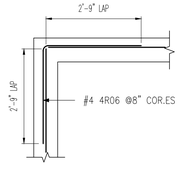
Scale=1/2"=1'-0"
Ref. Dwg. =S301



REINFORCEMENT DETAIL AT STAIRCASE

SECTION (5)

Scale=1/2"=1'-0"
Ref. Dwg. =S301



TYPICAL CORNER BAR DETAIL

Scale=1/2"=1'-0"
Ref. Dwg. =S301

AREA A
AREA D

AREA A
AREA D

AREA B
AREA C

AREA D
AREA C

6

7

8

9

10

11

12

13

25'-0"

25'-0"

25'-0"

17'-0"

23'-0"

2'-6"

15'-6"

3 #4 X 4'-3" CONT.

3 #4 X 1'-4" @48" TRANS.

3 #4 X 1'-4" @48" TRANS.

3 #4 X 4'-3" CONT.

EL: 0'-0"
T/S.0.G

6"THK(SOG)

EL: 0'-0"
T/S.0.G

4"THK(SOG)

EL: 0'-0"
T/S.0.G

6"THK(SOG)

3X1 #4 X 2'-8" CONT.
(3 LOC).

4X2 #4 X 3'-0" @2" RE-ENT COR.
(4 LOC).

1 #4 X 20'-9" CONT.

21 #4 4T01 @12" ADD.L

9 #4 X 12'-0" @12" SW

14 #4 X 20'-0" @12" SW

14 #4 X 20'-10" @12" LW

6"THK

8 #4 X 12'-2" @12" LW

11 #4 4T01 @12" ADD.L

1 #4 X 9'-10" CONT.

1
R15.9

10 #4 X 19'-6" @12" LW

21 #4 X 8'-2" @12" SW

6"THK

3 #4 X 5'-1" CONT.

3 #4 X 1'-4" @48" TRANS.

GB-1

3 #4 X 4'-3" CONT.

3 #4 X 1'-4" @48" TRANS.

3 #4 X 4'-3" CONT.

3 #4 X 1'-4" @48" TRANS.

AREA D
AREA C

14'-0"

30'-0"

30'-0"

30'-0"

30'-0"

M

L

K

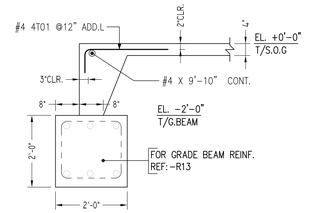
J

H

G

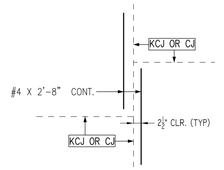
AREA-D SLAB ON GRADE REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S103D



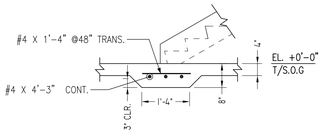
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =3/S301



TYPICAL DETAIL AT DISCONTINUOUS SLAB JOINT

Scale=1/2"=1'-0"
Ref. Dwg. = S502

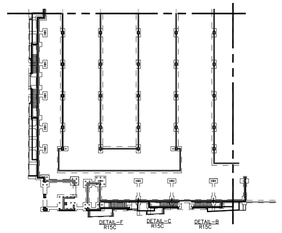


TYPICAL DETAIL. THICKNED SLAB AT STAIR

Scale=1/2"=1'-0"
Ref. Dwg. = S502

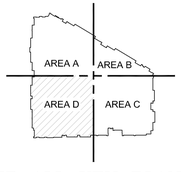
DRAWING INDEX FOR AREA-D

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R11
MAT FOOTING	R12
ELEVATOR MAT FOOTING	R12C
GRADE BEAM	R13
WALL	R14
SLAB ON GRADE	R15



AREA-D KEY PLAN

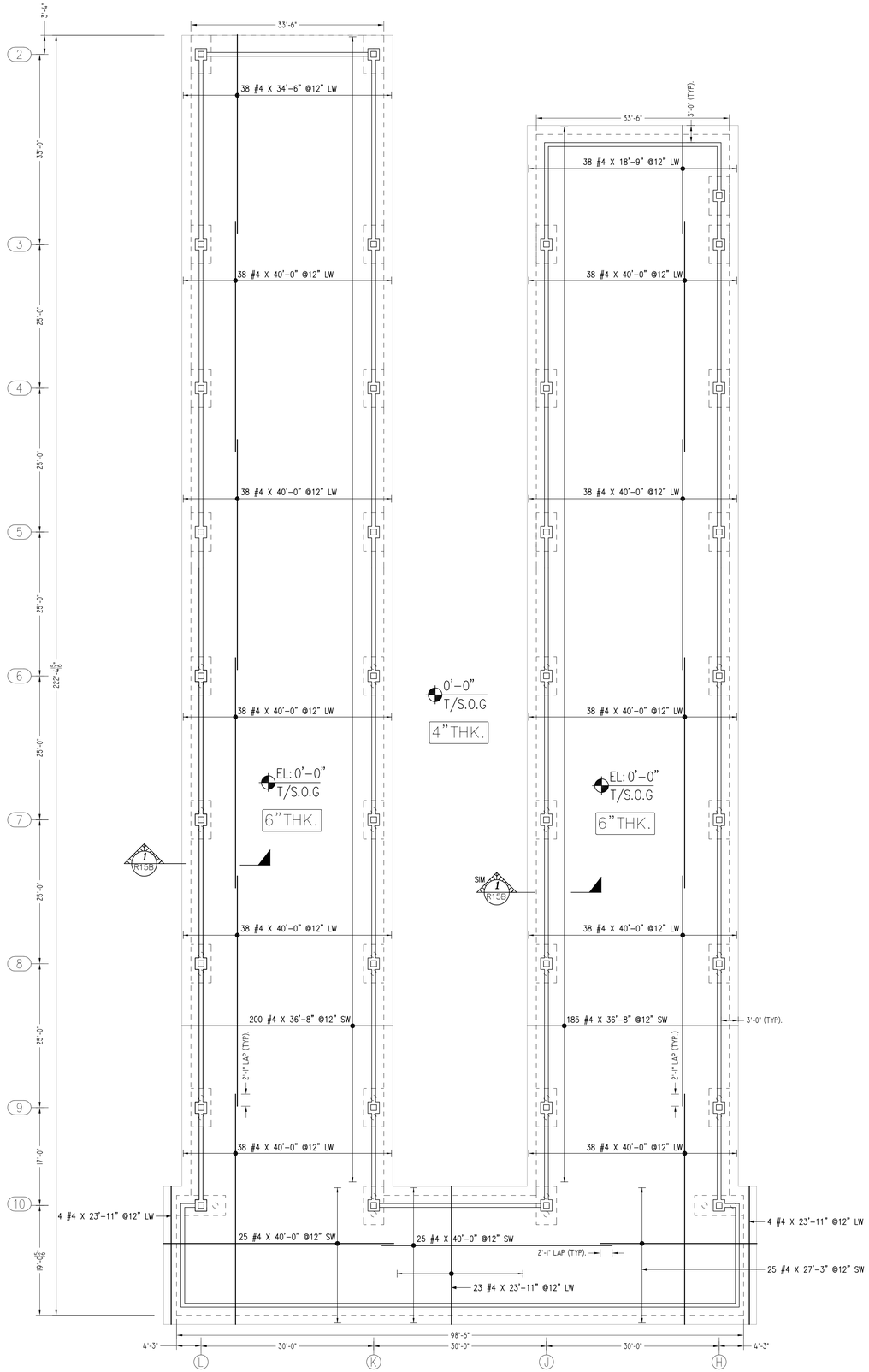
Scale=NTS



OVER ALL KEY PLAN

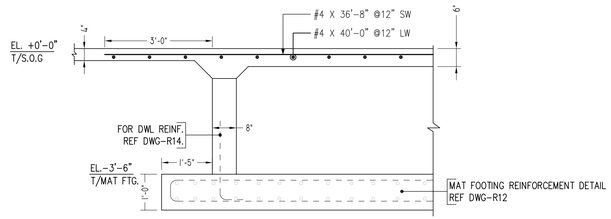
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



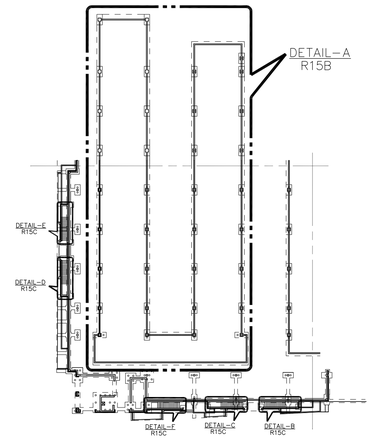
DETAIL–A
SLAB ON GRADE REINFORCEMENT DETAILS

Scale=1/10"=1'–0"
Ref. Dwg. = S103D



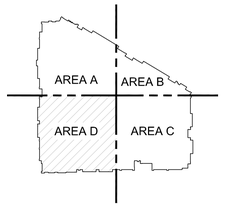
SECTION 1

Scale=1/2"=1'–0"
Ref. Dwg. =6/S301



AREA–D KEY PLAN

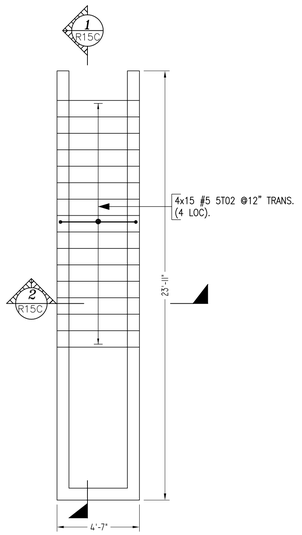
Scale=NTS



OVER ALL KEY PLAN

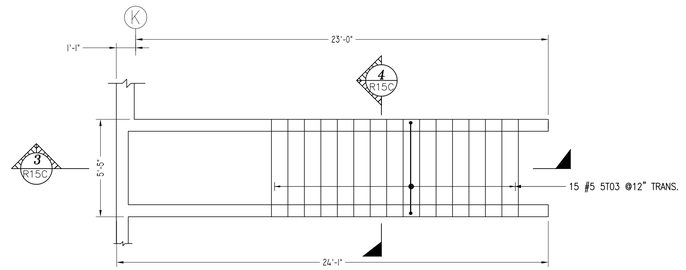
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



DETAIL–B,C,D,E
REINFORCEMENT DETAIL AT STAIRCASE

Scale=1/4"=1'–0"
Ref. Dwg. =S103D

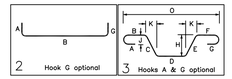


DETAIL–F
REINFORCEMENT DETAIL AT STAIRCASE

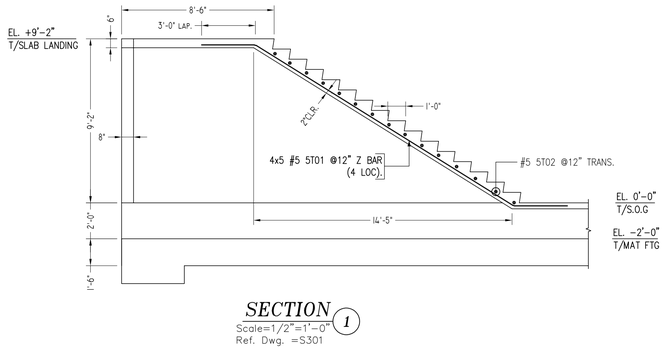
Scale=1/4"=1'–0"
Ref. Dwg. =S103D

Release Number: R15A–R15C					BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'P'
4101	32	#4	5'-0"	2	0'-8"	2'-4"										
5101	26	#5	22'-11 X"	3		3'-0"	16'-11 X"	3'-0"				9'-0 X"		14'-4 X"	20'-4 X"	
5102	60	#5	5'-11"	2	0'-10"	4'-3"					0'-10"					
5103	15	#5	6'-9"	2	0'-10"	5'-1"					0'-10"					

Bar list produced by RebarCAD 2020.0

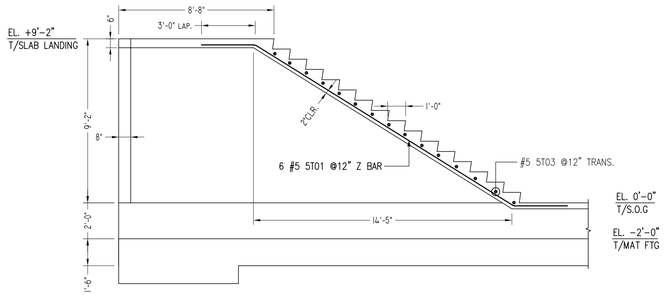


Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



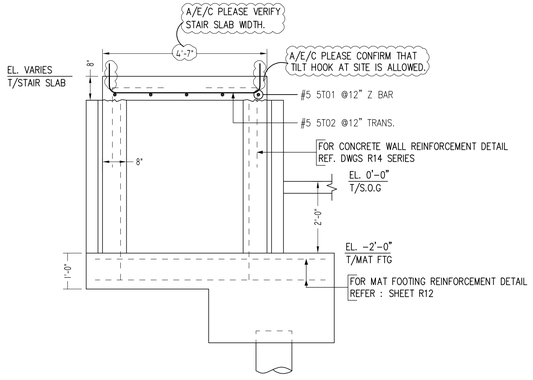
SECTION 1

Scale=1/2"=1'–0"
Ref. Dwg. =S301



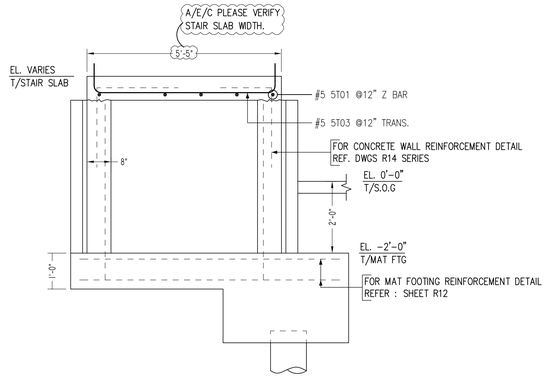
SECTION 3

Scale=1/2"=1'–0"
Ref. Dwg. =S301



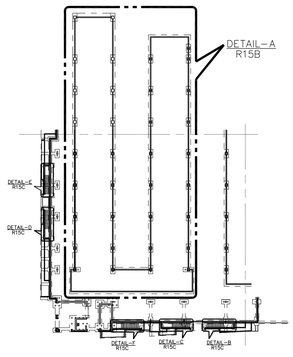
SECTION 2

Scale=1/2"=1'–0"
Ref. Dwg. =2/S301



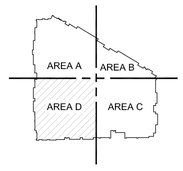
SECTION 4

Scale=1/2"=1'–0"
Ref. Dwg. =2/S301



AREA–D KEY PLAN

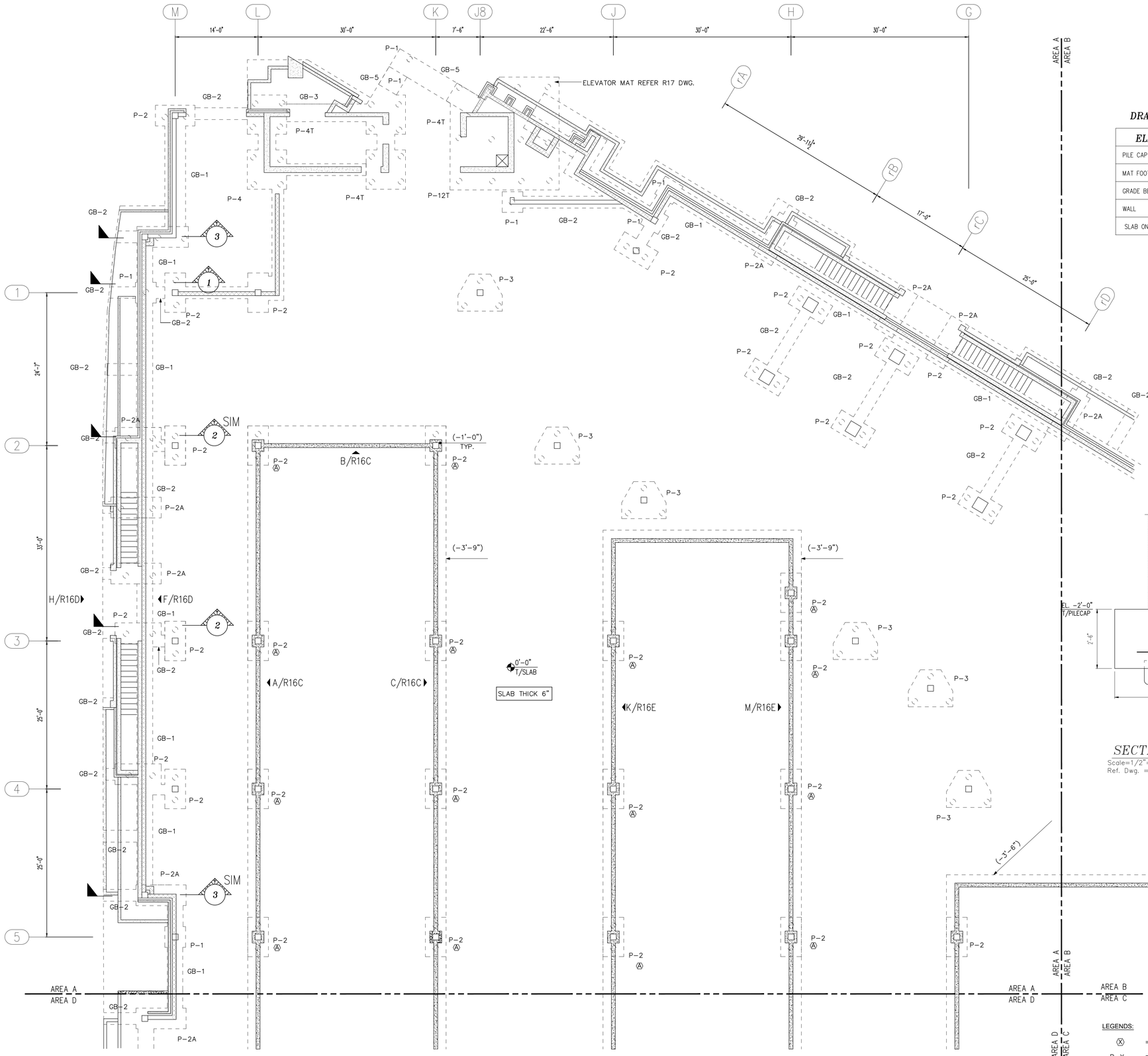
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



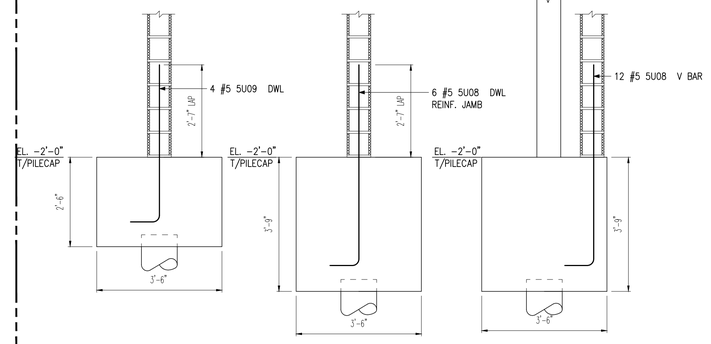
AREA-A PILE CAP AND PEDESTAL REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102A

DRAWING INDEX FOR AREA A

ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R16
MAT FOOTING	R17
GRADE BEAM	R18
WALL	R19
SLAB ON GRADE	R20

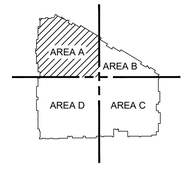
Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. = R16A

SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. = R16A

SECTION 3
Scale=1/2"=1'-0"
Ref. Dwg. = R16A



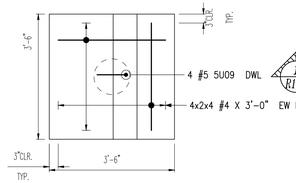
OVER ALL KEY PLAN

Scale=NTS

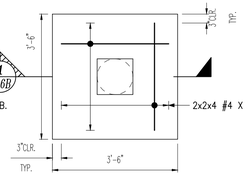
LEGENDS:

- (X) = COLUMN PEDESTAL MARK
- P-X = PILE CAP MARK
- <-X'-X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION- MEASURED FROM REFERENCE ELEVATION 0'0"
- GB-X = GRADE BEAM MARK

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/16/22.



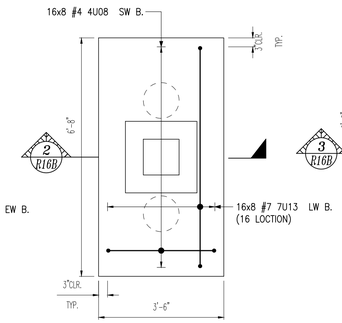
(4 LOCATION)
WITHOUT COLUMN



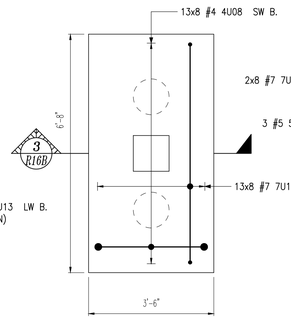
(2 LOCATION)
WITH COLUMN

P-1 PILE CAP

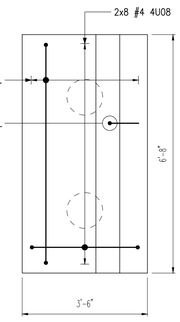
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(16 LOCATION)
WITH PEDESTAL



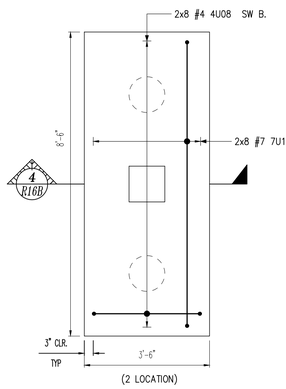
(13 LOCATION)
WITHOUT PEDESTAL



(2 LOCATION)
WITHOUT COLUMN

P-2 PILE CAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501



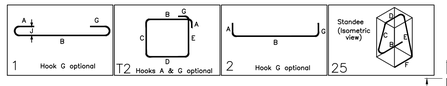
(2 LOCATION)
WITH COLUMN

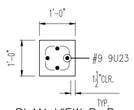
P-2A PILE CAP

Scale=1/2"=1'-0"
Ref. Dwg. =S501

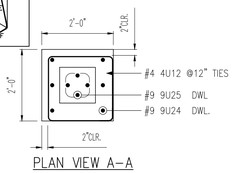
Release Number: R16A-R16E				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4U08	304	#4	4'-0"	1	0'-6"	3'-0"					0'-6"		0'-4"			
4U10	32	#4	7'-5"	T2	0'-4 K"	1'-8"	1'-8"	1'-8"			0'-4 K"					
4U11	76	#4	6'-10"	2	0'-6"	6'-2"										
4U12	48	#4	8'-1"	T2	0'-4 K"	1'-10"	1'-10"	1'-10"			0'-4 K"					
4U13	66	#4	7'-1"	2	0'-8"	6'-5"										
5U08	36	#5	6'-5 K"	2	0'-10"	5'-7 K"										
5U09	8	#5	5'-3"	2	0'-10"	4'-5"										
5U14	12	#5	8'-8 K"	25		1'-6"	2'-4 K"	1'-0"	2'-4 K"	1'-6"		2'-3 K"		1'-1 K"		
7U05	12	#7	5'-2"	2	1'-2"	8'-0"										
7U07	24	#7	7'-4"	2	1'-2"	6'-2"										
7U13	248	#7	7'-10"	1	0'-10"	6'-2"					0'-10"		0'-7"			
7U14	56	#7	9'-8"	1	0'-10"	8'-0"					0'-10"		0'-7"			
8U06	48	#8	8'-4 K"	1	0'-11"	6'-6 K"					0'-11"		0'-8"			
8U08	24	#8	8'-10"	1	0'-11"	7'-0"					0'-11"		0'-8"			
9U21	54	#9	5'-4"	2	1'-7"	6'-2"					1'-7"					
9U22	72	#9	8'-8"	1	1'-3"	6'-2"					1'-3"		0'-11 K"			
9U23	60	#9	7'-0 K"	1	1'-3"	5'-9 K"							0'-11 K"			
9U24	90	#9	9'-2"	2	1'-7"	6'-0"					1'-7"					
9U25	60	#9	6'-8"	1	1'-3"	5'-5"							0'-11 K"			
9U26	6	#9	8'-8"	2	1'-7"	5'-6"					1'-7"					
9U27	60	#9	6'-5"	1	1'-3"	5'-2"							0'-11 K"			
9U30	24	#9	7'-0"	1	1'-3"	5'-9"							0'-11 K"			
9U36	8	#9	5'-10"	1	1'-3"	4'-7"							0'-11 K"			

Bar list produced by RebarCAD 2023.0

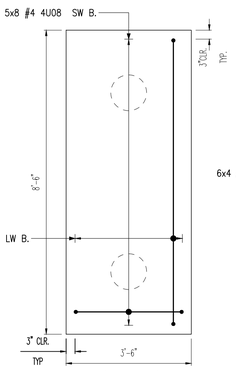




PLAN VIEW B-B



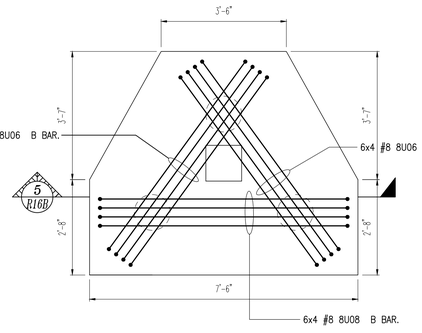
PLAN VIEW A-A



(5 LOCATION)
WITHOUT COLUMN

P-2A PILE CAP

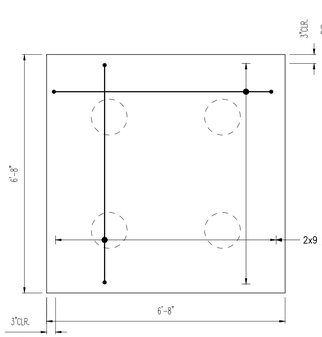
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(6 LOCATION)

P-3 PILE CAP

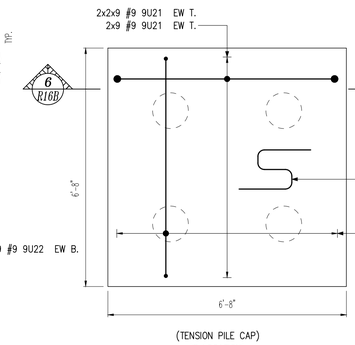
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(1 LOCATION)

P-4 PILE CAP

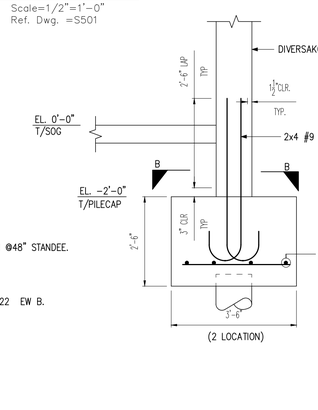
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(TENSION PILE CAP)
(3 LOCATION)

P-4T PILE CAP

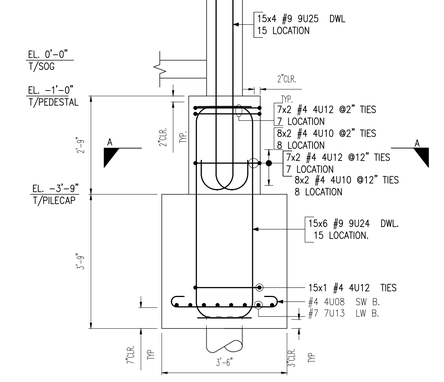
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(2 LOCATION)

SECTION ①

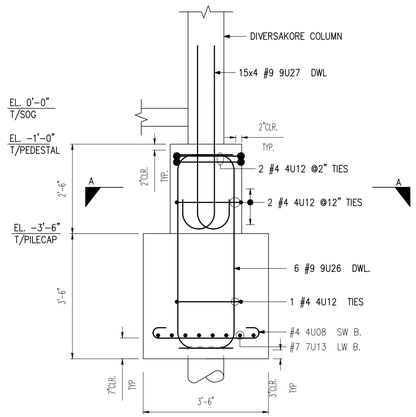
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(15 LOCATION)

SECTION ②

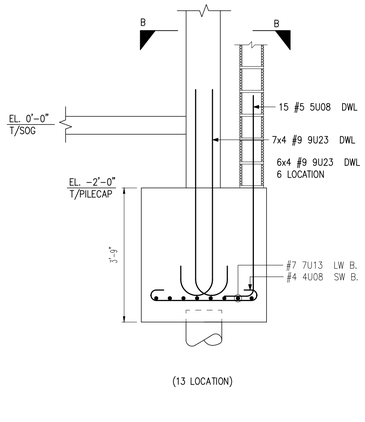
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(1 LOCATION)

SECTION ②

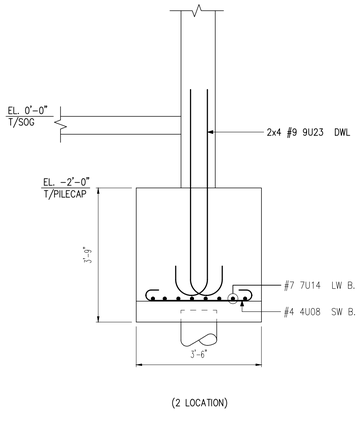
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(13 LOCATION)

SECTION ③

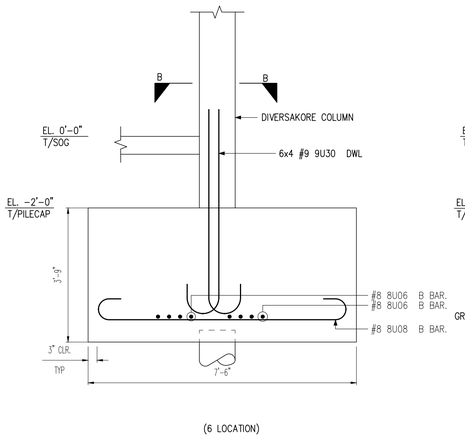
Scale=1/2"=1'-0"
Ref. Dwg. =S501



(2 LOCATION)

SECTION ④

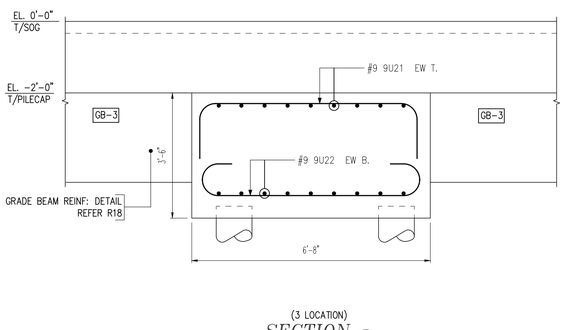
Scale=1/2"=1'-0"
Ref. Dwg. = S502



(6 LOCATION)

SECTION ⑤

Scale=1/2"=1'-0"
Ref. Dwg. = S501

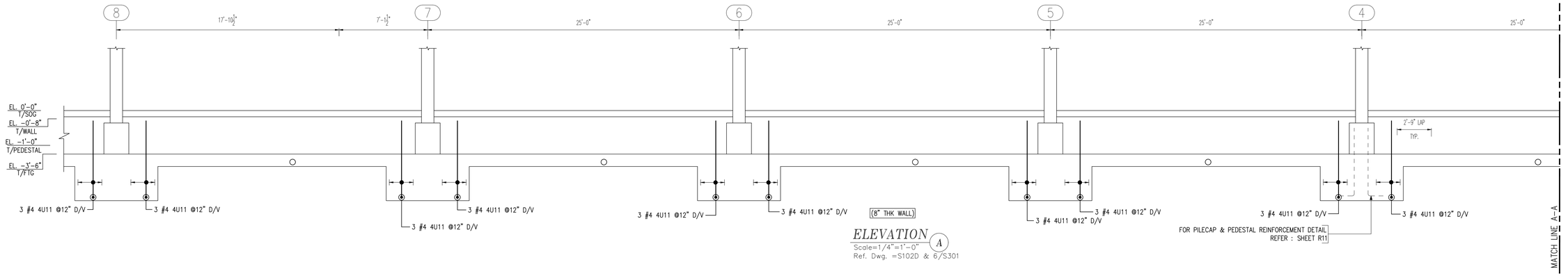


(3 LOCATION)

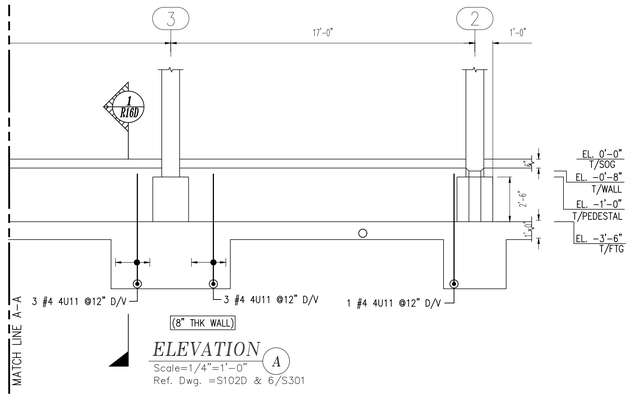
SECTION ⑥

Scale=1/2"=1'-0"
Ref. Dwg. = S501

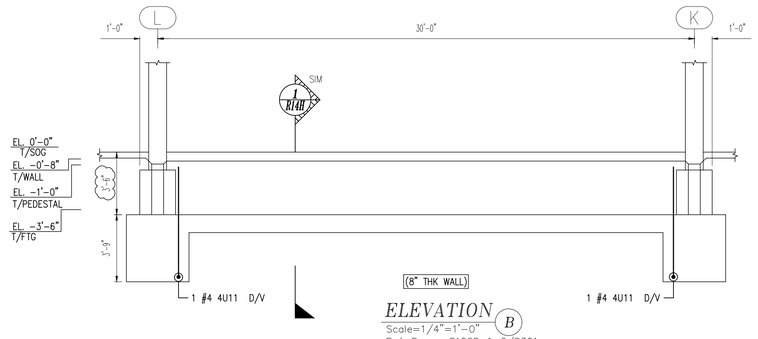
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 02/16/22.



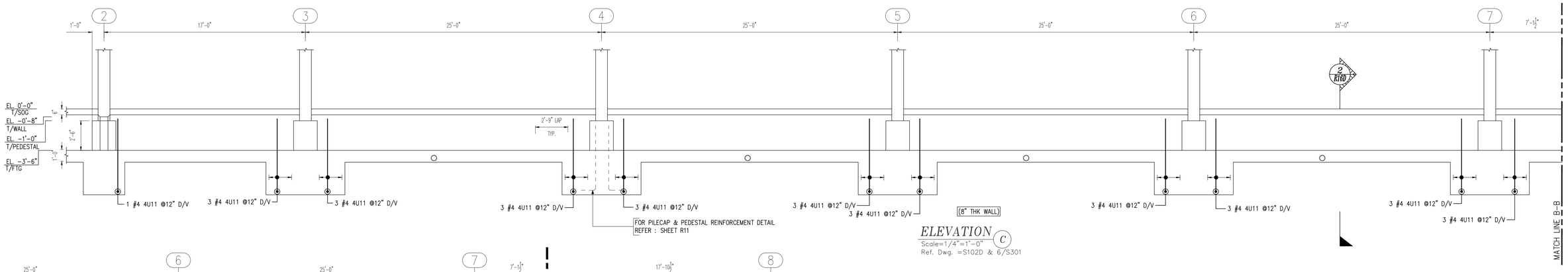
ELEVATION (A)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301



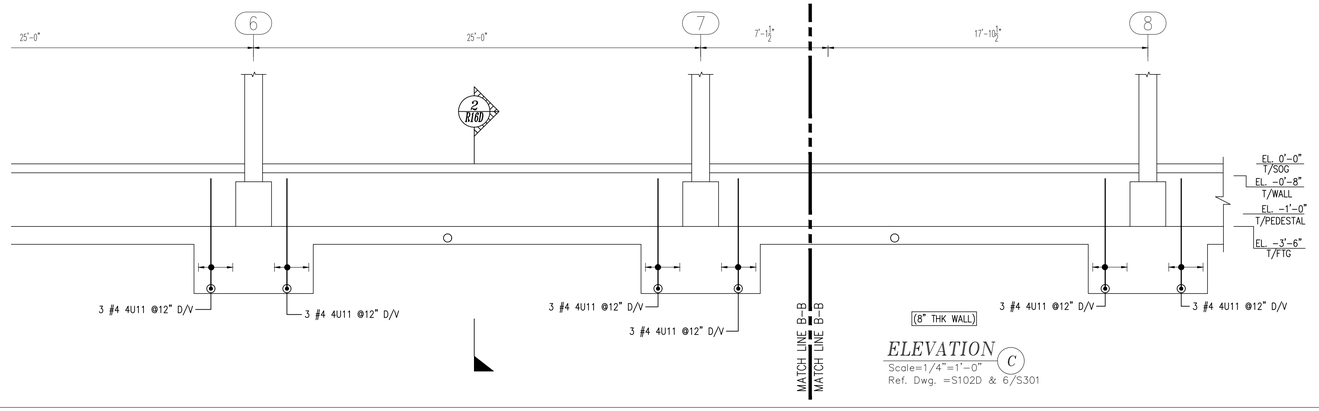
ELEVATION (A)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301



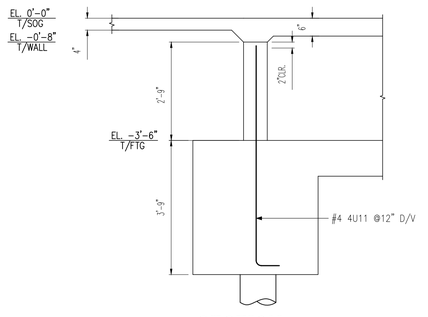
ELEVATION (B)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301



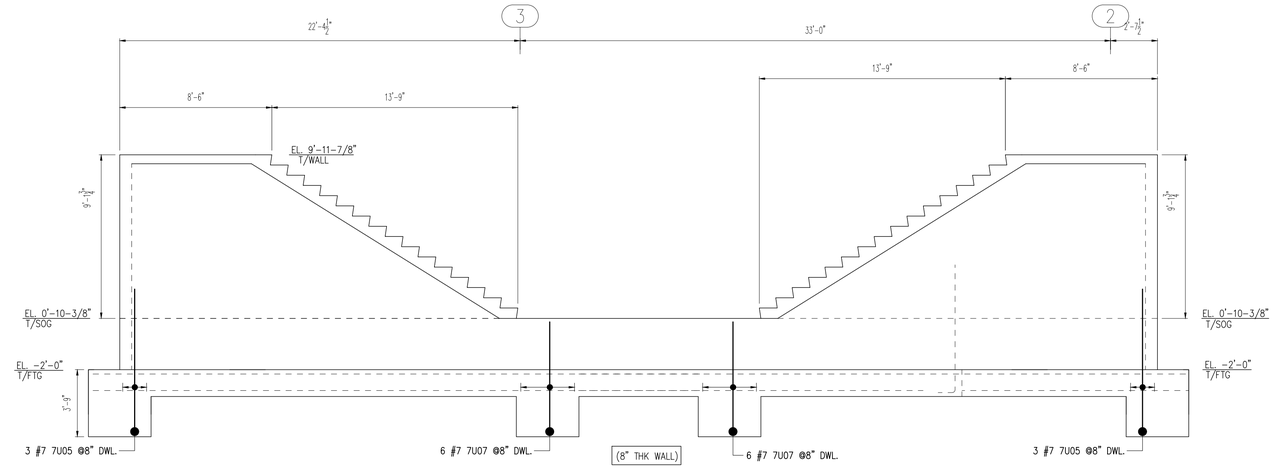
ELEVATION (C)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301



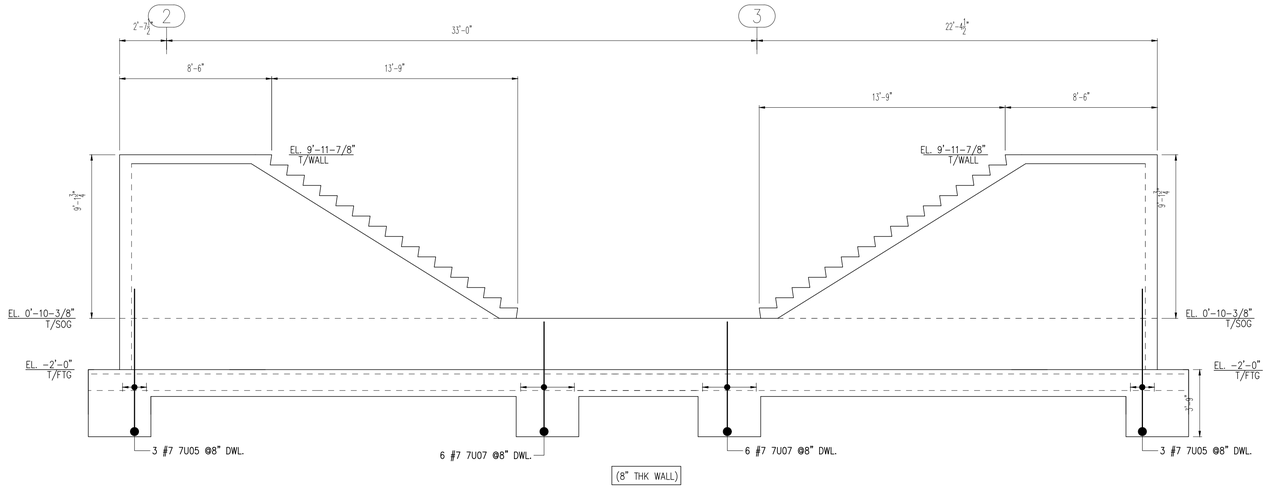
ELEVATION (C)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 6/S301



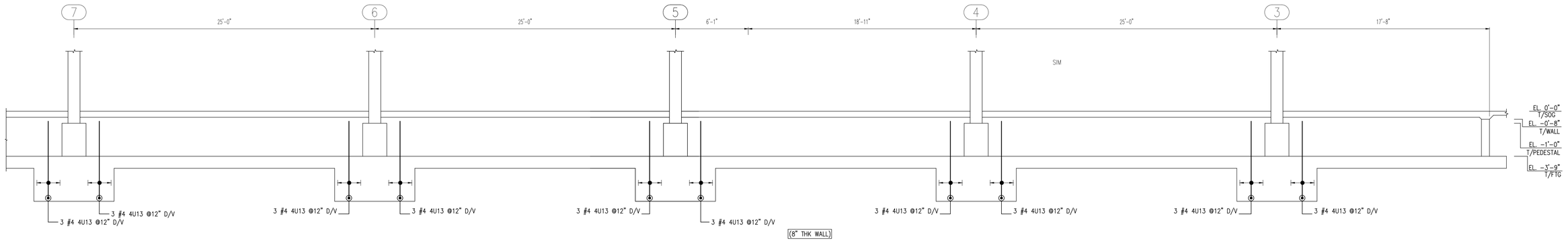
SECTION (1)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



ELEVATION (H)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



ELEVATION (H)
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

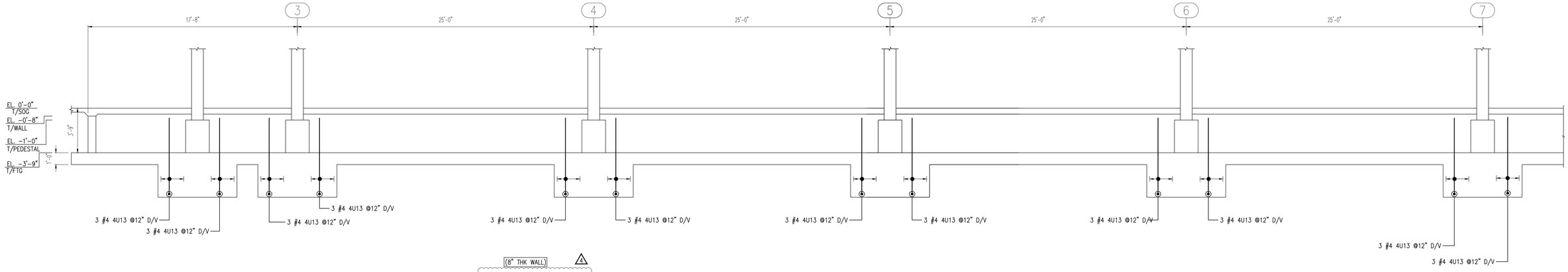


(8" THK WALL)

ELEVATION K

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

Ref. Dwg. =S102D & 6/S301

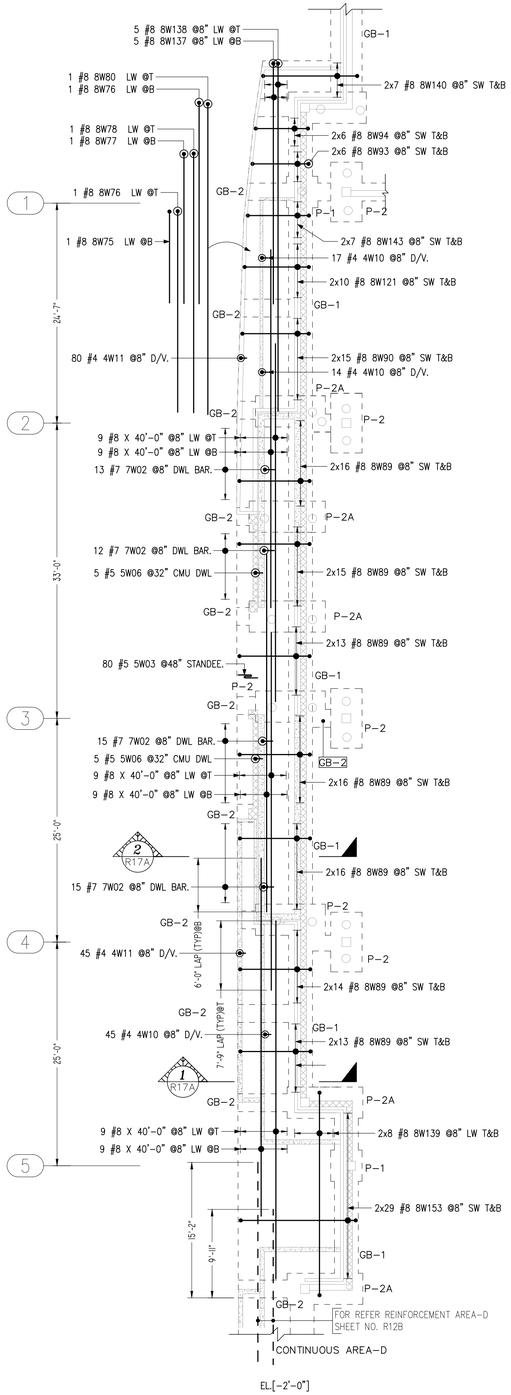


(8" THK WALL)

ELEVATION M

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

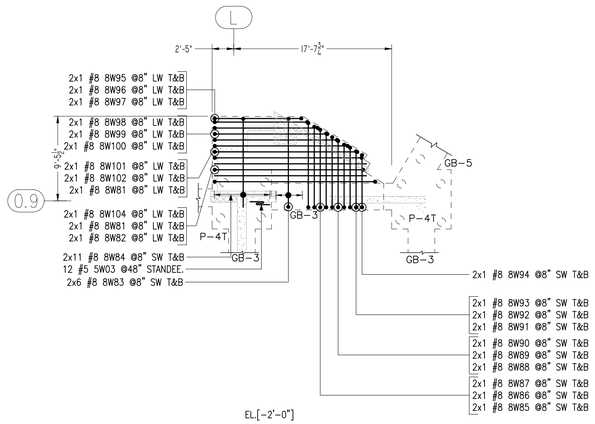
Ref. Dwg. =S102D & 6/S301



EL[-2'-0"]

DETAIL-A
18"THK MAT FOOTING REINFORCEMENT DETAILS

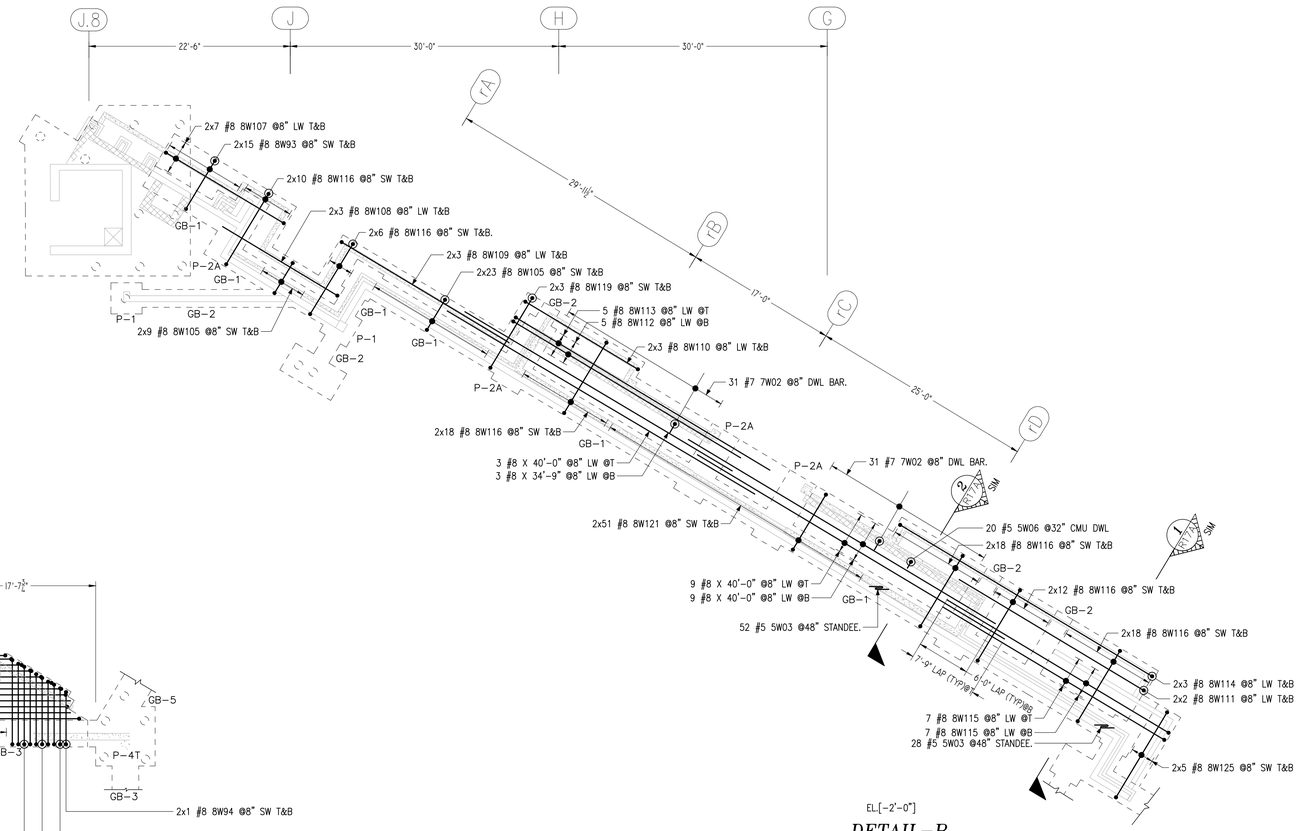
Scale=1/8"=1'-0"
Ref. Dwg. =S102A



EL[-2'-0"]

DETAIL-C
18"THK MAT FOOTING REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =S102A



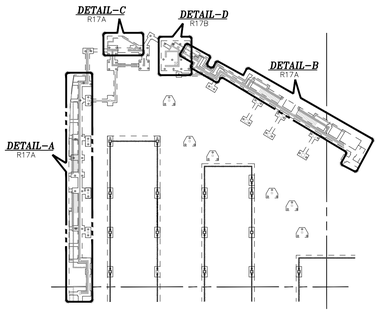
EL[-2'-0"]

DETAIL-B
18"THK MAT FOOTING REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =S102A

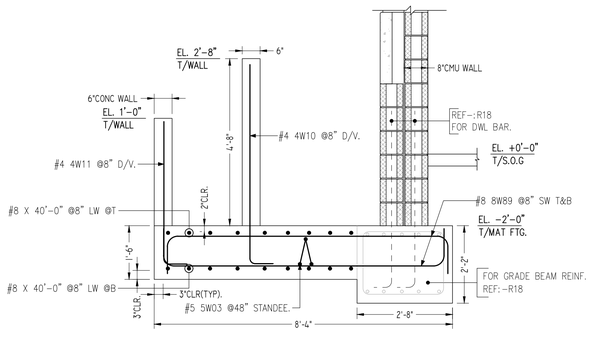
DRAWING INDEX FOR AREA-A

ELEMENT	*DRAWING SERIES*
PILE CAP & PEDESTAL	R16
MAT FOOTING	R17
GRADE BEAM	R18
WALL	R19
SLAB ON GRADE	R20



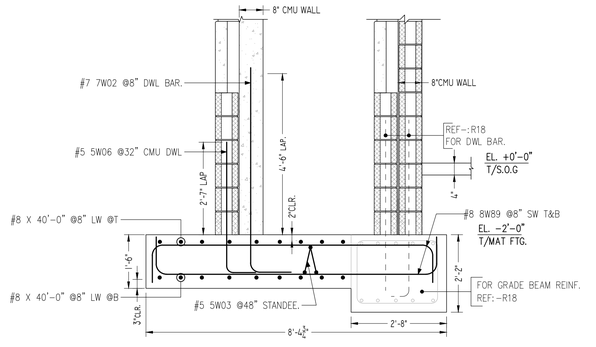
AREA-A KEY PLAN

Scale=NTS



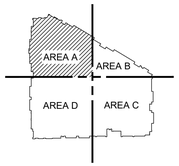
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =7/S301



SECTION 2

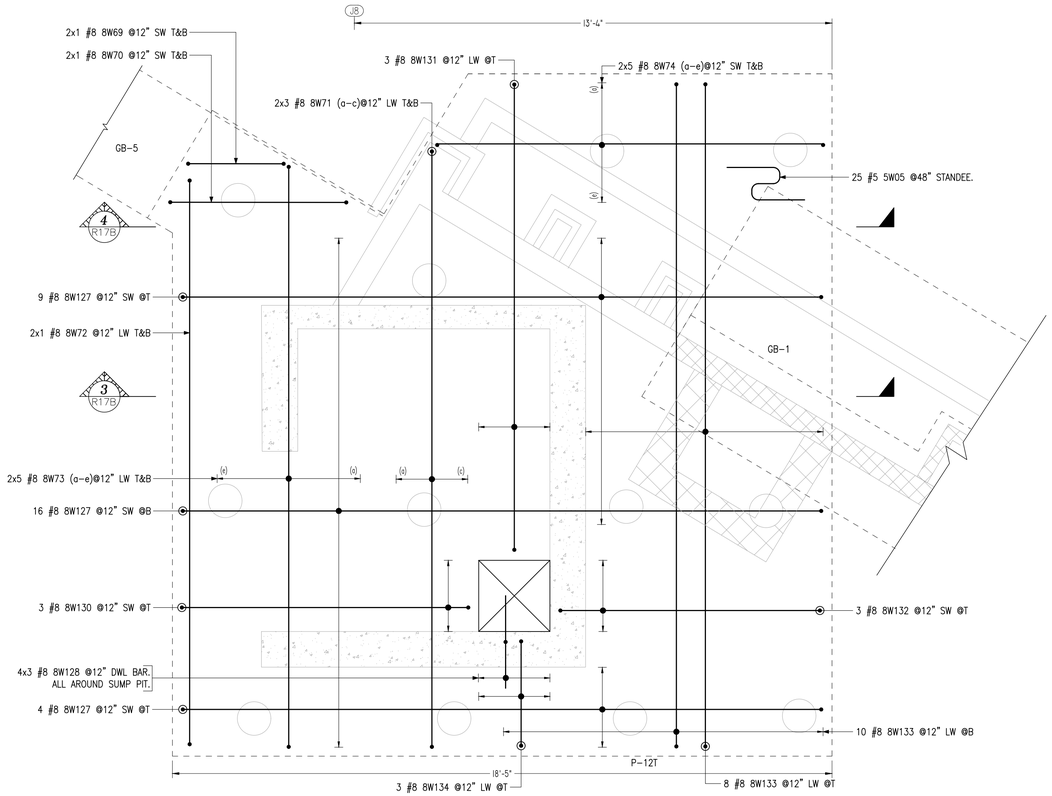
Scale=1/2"=1'-0"
Ref. Dwg. =2/S301



OVER ALL KEY PLAN

Scale=NTS

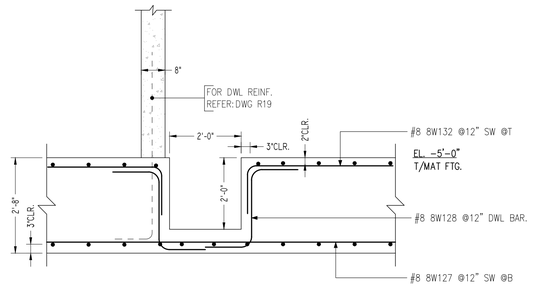
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 02/14/2021



EL.[-5'-0"]

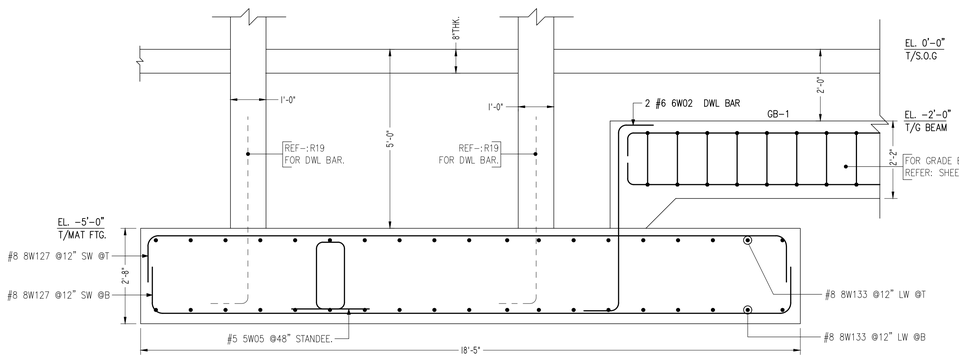
DETAIL-D
32"THK ELEVATOR MAT REINFORCEMENT DETAILS

Scale=1/2"=1'-0"
Ref. Dwg. =S102A



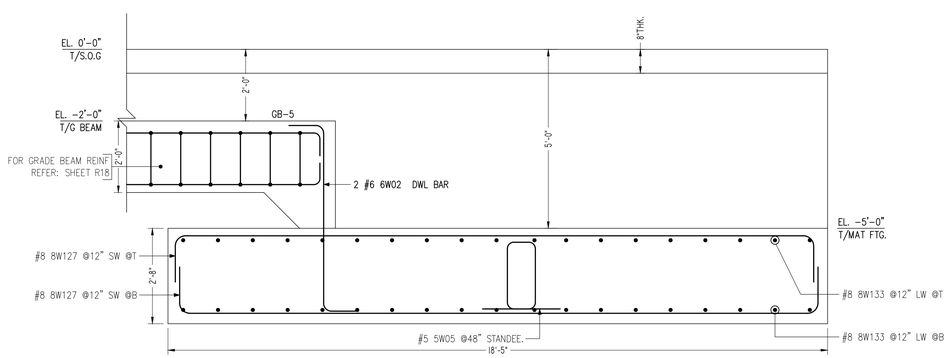
SUMP PIT

Scale=1/2"=1'-0"
Ref. Dwg. =S503



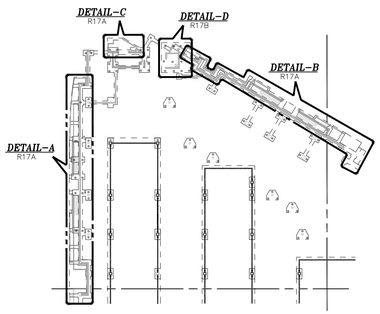
SECTION 3

Scale=1/2"=1'-0"
Ref. Dwg. =S503



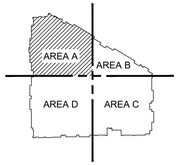
SECTION 4

Scale=1/2"=1'-0"
Ref. Dwg. =S503



AREA-A KEY PLAN

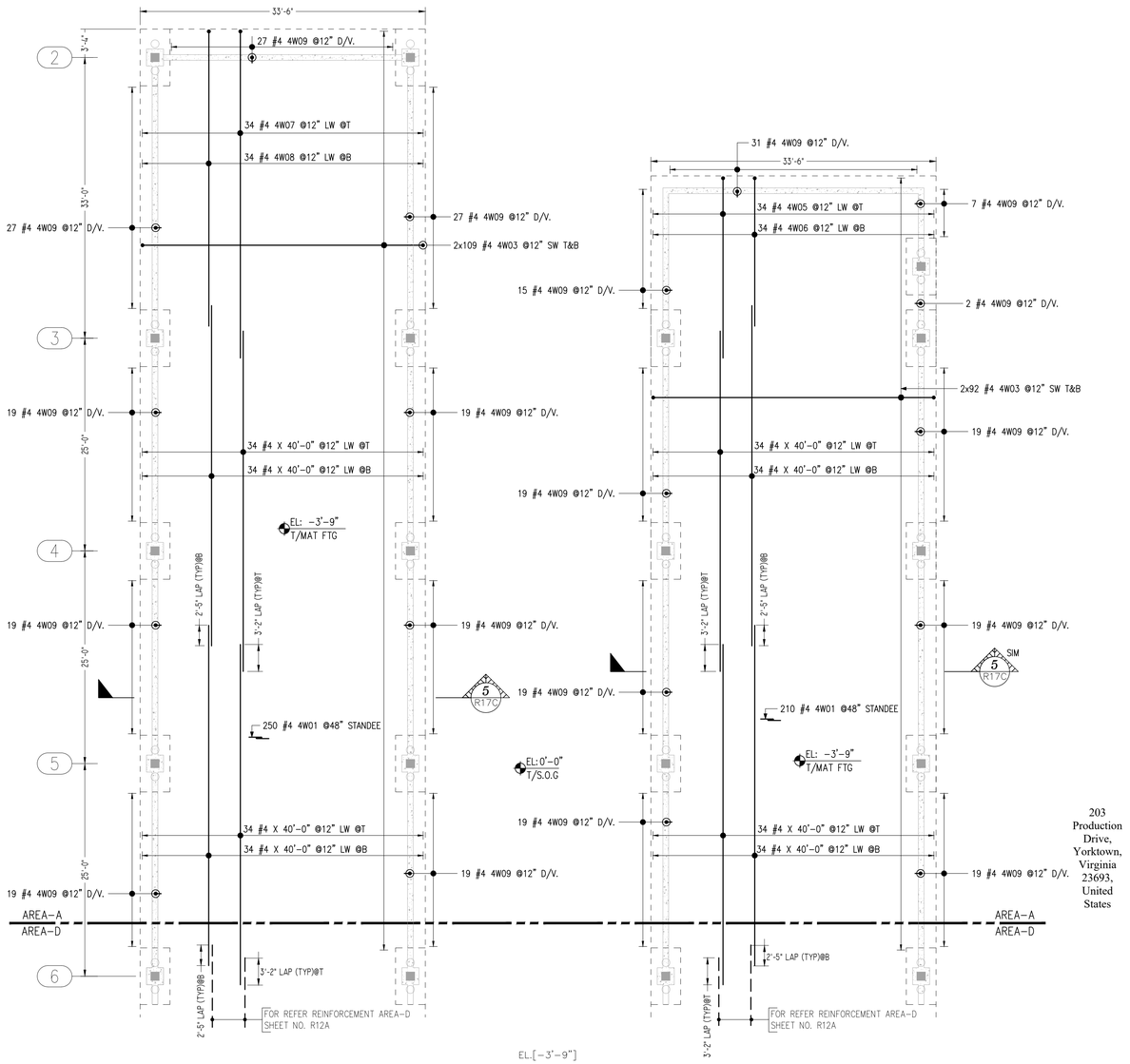
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 2/14/2022

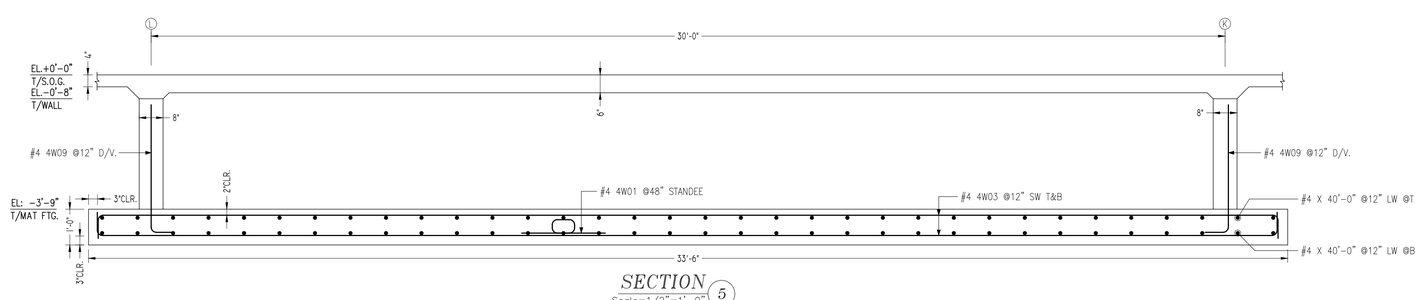


203 Production Drive, Yorktown, Virginia 23693, United States

EL.[-3'-9"]

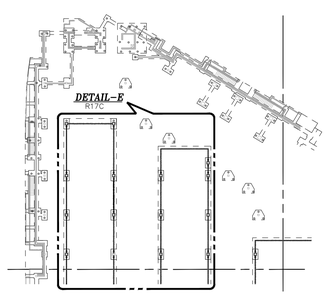
DETAIL-E
12"THK MAT FOOTING REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102A



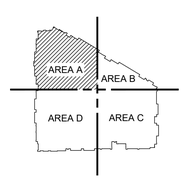
SECTION 5

Scale=1/2"=1'-0"
Ref. Dwg. =6/S301



AREA-A KEY PLAN

Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 02/14/2021

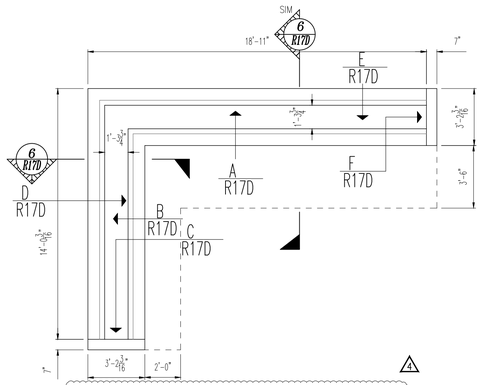
Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"

Release Number: R17A-R17D — BENDING DETAILS

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4W12	24	#4	6'-0"	17		2'-2"	1'-8"	2'-2"								
4W14	24	#4	7'-0"	17		2'-2"	2'-8"	2'-2"								
4W16	52	#4	2'-1"	2	0'-8"	1'-5"										
4W18	74	#4	4'-4"	17		2'-2"	2'-2"									
4W19	63	#4	4'-0"	2	0'-8"	2'-8"										
5W03	40	#5	5'-4"	25		1'-6"	0'-9"	0'-10"	0'-9"	1'-6"		0'-8"				
5W05	25	#5	7'-9"	25		1'-6"	1'-11 K"	0'-10"	1'-11 K"	1'-6"		1'-11"		0'-11 K"		
5W07	14	#5	18'-9 K"	2	0'-10"	17'-11 K"										
5W08	14	#5	18'-8"	2	0'-10"	17'-10"										
5W09	254	#5	11'-11 K"	2	0'-10"	11'-1 K"										
5W13	16	#5	5'-5 K"	25		1'-6"	0'-9 K"	0'-10"	0'-9 K"	1'-6"		0'-9 K"		0'-4 K"		
8W02	4	#8	7'-3"	8	1'-0"	5'-3"					1'-0"					
8W69	2	#8	5'-5"	2	1'-4"	2'-9"					1'-4"					
8W70	2	#8	7'-8"	2	1'-4"	5'-0"					1'-4"					
8W71a	2	#8	17'-7 K"	2	1'-4"	14'-11 K"					1'-4"					
Varies To																
8W71c	2	#8	20'-11 K"	2	1'-4"	18'-3 K"					1'-4"					
8W72	2	#8	18'-6"	2	1'-4"	15'-10"					1'-4"					
8W73a	2	#8	17'-8"	2	1'-4"	15'-0"					1'-4"					
Varies To																
8W73e	2	#8	20'-1"	2	1'-4"	17'-5"					1'-4"					
8W74a	2	#8	12'-5 K"	2	1'-4"	9'-9 K"					1'-4"					
Varies To																
8W74e	2	#8	14'-5 K"	2	1'-4"	11'-9 K"					1'-4"					
8W81	4	#8	19'-2"	17		1'-1"	17'-0"	1'-1"								
8W82	2	#8	20'-2"	17		1'-1"	18'-0"	1'-1"								
8W83	12	#8	12'-1"	17		1'-1"	9'-11"	1'-1"								
8W84	22	#8	11'-0"	17		1'-1"	9'-11"									
8W85	2	#8	11'-8"	17		1'-1"	9'-6"	1'-1"								
8W86	2	#8	11'-3"	17		1'-1"	9'-1"	1'-1"								
8W87	2	#8	10'-11"	17		1'-1"	8'-9"	1'-1"								
8W88	2	#8	10'-6"	17		1'-1"	8'-4"	1'-1"								
8W89	2	#8	10'-1"	17		1'-1"	7'-11"	1'-1"								
8W90	2	#8	9'-8"	17		1'-1"	7'-6"	1'-1"								
8W91	2	#8	9'-3"	17		1'-1"	7'-1"	1'-1"								
8W92	2	#8	8'-11"	17		1'-1"	6'-9"	1'-1"								
8W93	32	#8	8'-6"	17		1'-1"	6'-4"	1'-1"								
8W94	2	#8	8'-1"	17		1'-1"	5'-11"	1'-1"								
8W95	2	#8	11'-11"	17		1'-1"	9'-9"	1'-1"								
8W96	2	#8	12'-7"	17		1'-1"	10'-5"	1'-1"								
8W97	2	#8	13'-9"	17		1'-1"	11'-7"	1'-1"								
8W98	2	#8	14'-10"	17		1'-1"	12'-8"	1'-1"								
8W99	2	#8	15'-11"	17		1'-1"	13'-9"	1'-1"								
8W100	2	#8	17'-1"	17		1'-1"	14'-11"	1'-1"								
8W101	2	#8	18'-2"	17		1'-1"	16'-0"	1'-1"								
8W102	2	#8	18'-8"	17		1'-1"	16'-6"	1'-1"								
8W104	2	#8	18'-10"	17		1'-1"	16'-8"	1'-1"								
8W107	14	#8	17'-7"	17		1'-1"	15'-5"	1'-1"								
8W111	4	#8	25'-2 K"	17		1'-1"	24'-1 K"									
8W114	6	#8	35'-1"	17		1'-1"	32'-11"	1'-1"								
8W115	14	#8	30'-0"	17		1'-1"	28'-11"									
8W116	60	#8	11'-5"	17		1'-1"	9'-3"	1'-1"								
8W125	10	#8	13'-4"	17		1'-1"	11'-2"	1'-1"								
8W127	29	#8	20'-7"	2	1'-4"	17'-11"					1'-4"					
8W128	12	#8	4'-11"	8	1'-4"	2'-3"					1'-4"					
8W130	3	#8	10'-9"	2	1'-4"	8'-1"					1'-4"					
8W131	3	#8	15'-9"	2	1'-4"	13'-1"					1'-4"					
8W132	3	#8	10'-0"	2	1'-4"	7'-4"					1'-4"					
8W133	18	#8	21'-3"	2	1'-4"	18'-7"					1'-4"					
8W134	3	#8	5'-8"	2	1'-4"	3'-0"					1'-4"					

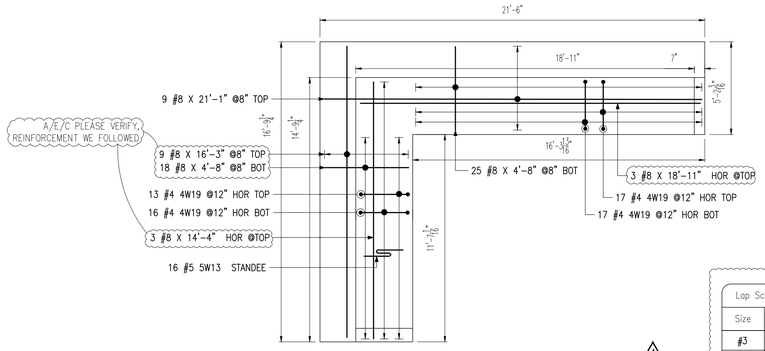
Bar list produced by RebarCAD 2022.0





FLOOD BARRIER (LOBBY 1010)

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & S102B



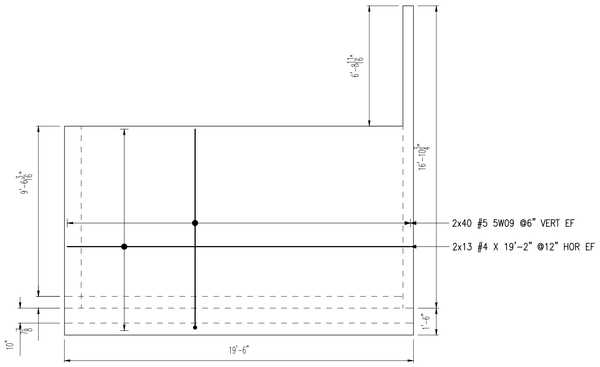
MAT REINFORCEMENT DETAIL

Scale=1/4"=1'-0"
Ref. Dwg. = S101B & S102B

A/E/C PLEASE VERIFY LAP SCHEDULE WE FOLLOWED

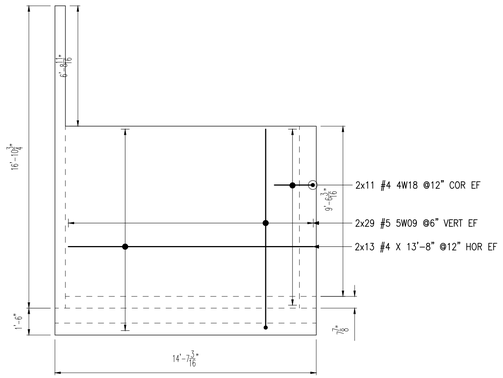
Lap Schedule 6000 PSI

Size	Others	Top
#3	16"	20"
#4	20"	26"
#5	25"	33"
#6	31"	40"
#7	44"	58"
#8	51"	66"



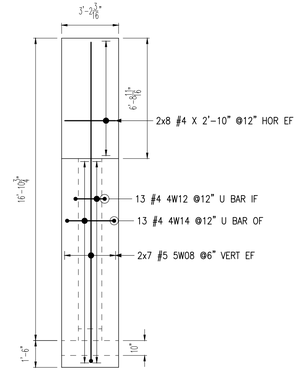
ELEVATION A

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



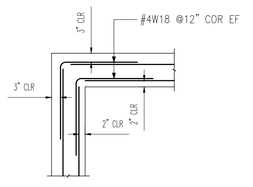
ELEVATION B

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



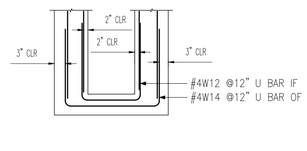
ELEVATION C

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



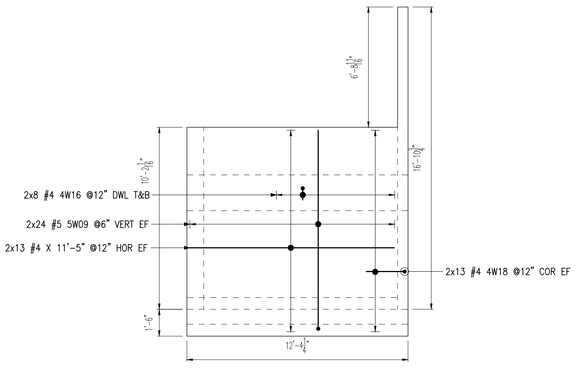
TYPICAL CORNER BAR DETAIL

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



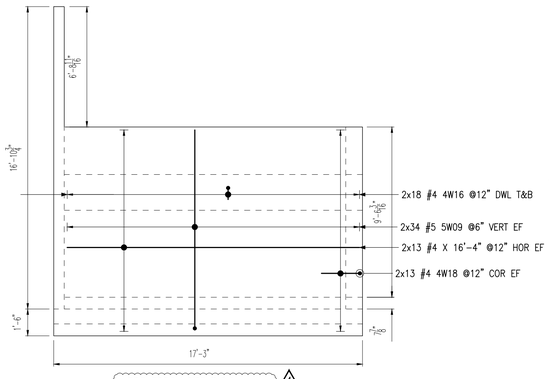
TYPICAL U-BAR DETAIL

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



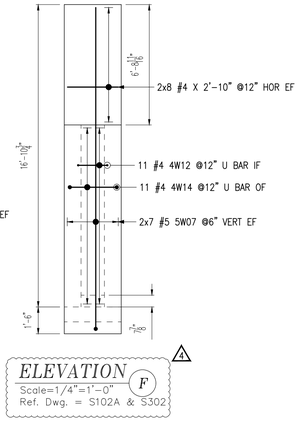
ELEVATION D

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



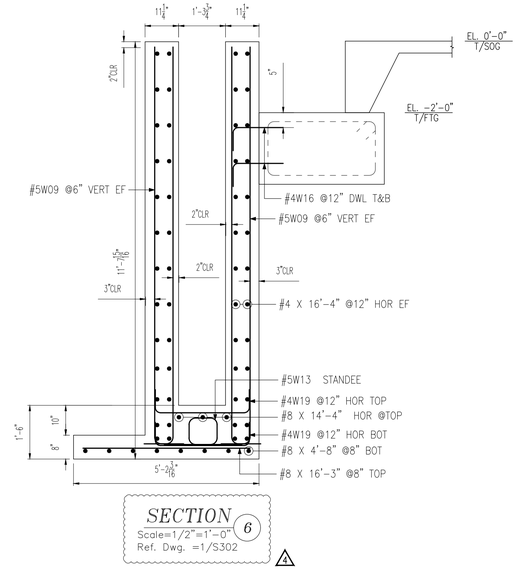
ELEVATION E

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



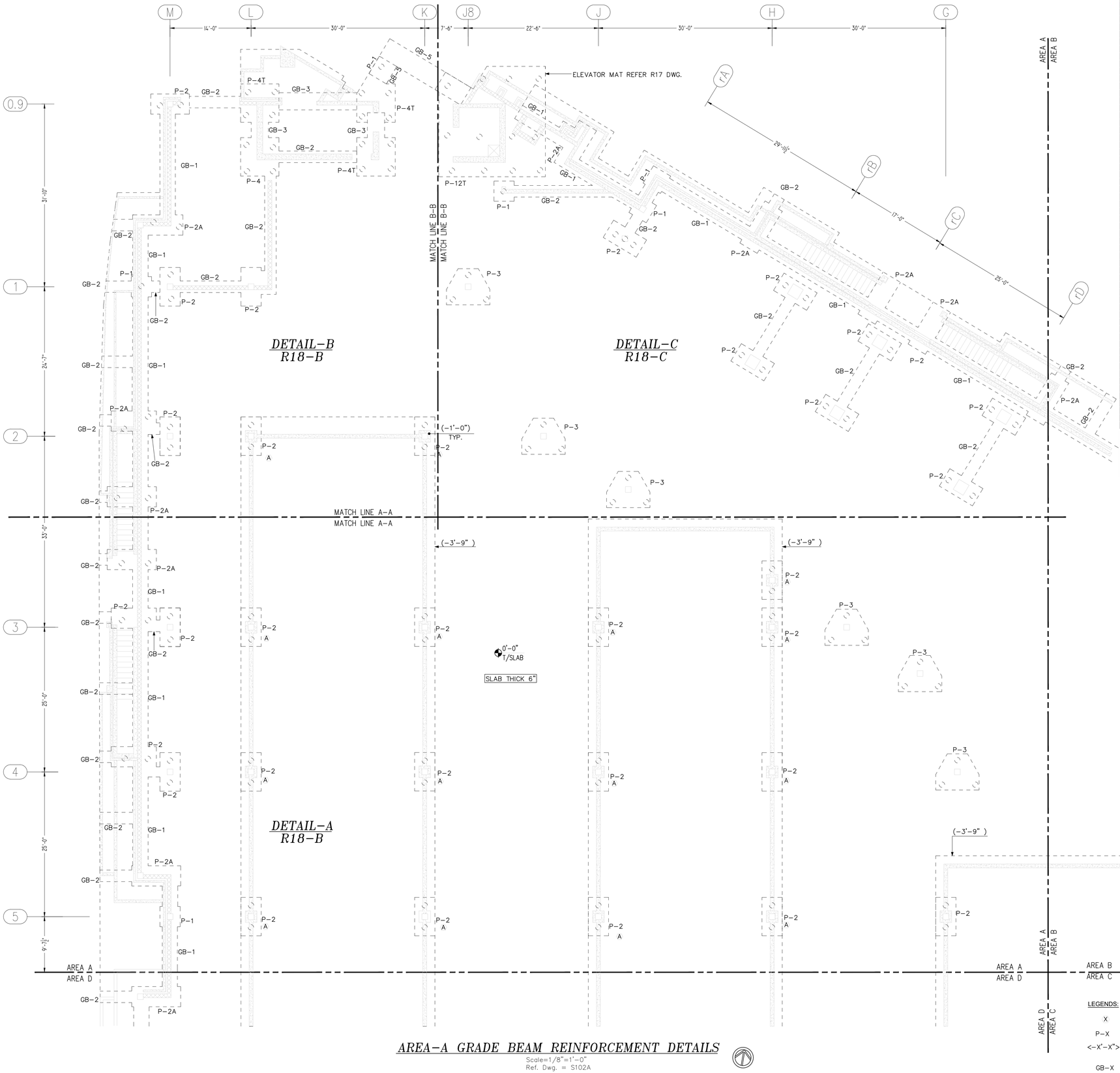
ELEVATION F

Scale=1/4"=1'-0"
Ref. Dwg. = S102A & S302



SECTION 6

Scale=1/2"=1'-0"
Ref. Dwg. =1/S302



DETAIL–B
R18–B

DETAIL–C
R18–C

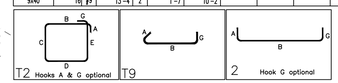
DETAIL–A
R18–B

AREA–A GRADE BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. = S102A

Drawing Sheet : R18A				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4001	267	#4	8'-11"	T2	0'-4 X"	2'-4"	1'-9"	2'-4"	1'-9"		0'-4 X"					
4002	260	#4	7'-3"	T2	0'-4 X"	1'-8"	1'-7"	1'-8"	1'-7"		0'-4 X"					
4003	44	#4	11'-3"	T2	0'-4 X"	2'-8"	2'-7"	2'-8"	2'-7"		0'-4 X"					
4004	44	#4	3'-4"	T9	0'-4 X"	2'-7"					0'-4 X"					
4005	45	#4	3'-3"	2	0'-8"	2'-7"										
4006	29	#4	4'-11"	2	0'-8"	4'-3"										
4007	10	#4	4'-8"	2	0'-8"	3'-10"										
4008	2	#4	3'-0"	2	0'-8"	1'-9"					0'-8"					
4010	21	#4	10'-3"	T2	0'-4 X"	3'-2"	1'-7"	3'-2"	1'-7"		0'-4 X"					
5101	166	#5	5'-1"	2	0'-10"	4'-3"										
5102	3	#5	5'-2"	2	0'-10"	5'-6"					0'-10"					
5103	40	#5	4'-11"	2	0'-10"	4'-1"										
5104	3	#5	6'-7"	2	0'-10"	5'-9"										
5105	2	#5	4'-2"	2	0'-10"	3'-4"										
5106	1	#5	6'-10"	2	0'-10"	6'-0"										
6101	18	#6	7'-0"	2	1'-0"	6'-0"										
7101	155	#7	7'-7"	2	1'-2"	6'-5"										
9101	29	#9	27'-0"	2	1'-7"	23'-10"					1'-7"					
9102	8	#9	16'-8"	2	1'-7"	13'-6"					1'-7"					
9103	5	#9	27'-0"	2	1'-7"	25'-5"										
9104	5	#9	35'-10"	2	1'-7"	34'-3"										
9105	5	#9	40'-0"	2	1'-7"	38'-5"										
9106	6	#9	11'-0"	2	1'-7"	7'-10"					1'-7"					
9107	10	#9	10'-11"	2	1'-7"	7'-9"					1'-7"					
9108	10	#9	12'-6"	2	1'-7"	9'-4"					1'-7"					
9109	4	#9	14'-7"	2	1'-7"	11'-5"					1'-7"					
9110	12	#9	12'-7"	2	1'-7"	9'-5"					1'-7"					
9111	4	#9	12'-5"	2	1'-7"	9'-3"					1'-7"					
9112	2	#9	16'-7"	2	1'-7"	13'-5"					1'-7"					
9113	6	#9	10'-8"	2	1'-7"	7'-6"					1'-7"					
9114	4	#9	31'-6"	2	1'-7"	28'-4"					1'-7"					
9115	2	#9	31'-8"	2	1'-7"	28'-6"					1'-7"					
9116	4	#9	14'-8"	2	1'-7"	11'-6"					1'-7"					
9117	2	#9	14'-11"	2	1'-7"	11'-9"					1'-7"					
9118	6	#9	29'-9"	2	1'-7"	26'-7"					1'-7"					
9119	16	#9	18'-7"	2	1'-7"	15'-5"					1'-7"					
9120	3	#9	23'-0"	2	1'-7"	21'-5"										
9121	3	#9	25'-0"	2	1'-7"	23'-5"										
9122	6	#9	30'-0"	2	1'-7"	26'-10"					1'-7"					
9123	14	#9	16'-11"	2	1'-7"	13'-9"					1'-7"					
9124	6	#9	18'-0"	2	1'-7"	15'-10"					1'-7"					
9125	10	#9	15'-11"	2	1'-7"	12'-9"					1'-7"					
9126	10	#9	21'-8"	2	1'-7"	18'-6"					1'-7"					
9127	2	#9	25'-2"	2	1'-7"	22'-0"					1'-7"					
9128	2	#9	26'-5"	2	1'-7"	23'-3"					1'-7"					
9129	2	#9	27'-9"	2	1'-7"	24'-7"					1'-7"					
9130	3	#9	12'-2"	2	1'-7"	9'-0"					1'-7"					
9131	3	#9	17'-9"	2	1'-7"	14'-7"					1'-7"					
9132	7	#9	11'-9"	2	1'-7"	8'-7"					1'-7"					
9133	18	#9	20'-5"	2	1'-7"	17'-3"					1'-7"					
9134	5	#9	26'-9"	2	1'-7"	25'-7"										
9135	5	#9	17'-3"	2	1'-7"	15'-8"										
9136	6	#9	13'-0"	2	1'-7"	9'-10"					1'-7"					
9137	6	#9	11'-1"	2	1'-7"	7'-11"					1'-7"					
9138	5	#9	30'-1"	2	1'-7"	28'-9"										
9139	16	#9	29'-11"	2	1'-7"	28'-9"					1'-7"					
9140	16	#9	13'-4"	2	1'-7"	10'-2"					1'-7"					

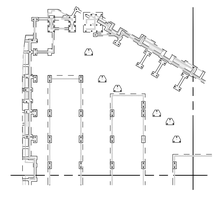
Bar list produced by RebarCAD 2022.0



DRAWING INDEX FOR AREA A

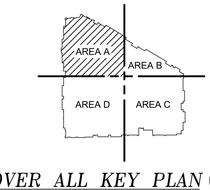
ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R16
MAT FOOTING	R17
GRADE BEAM	R18
WALL	R19
SLAB ON GRADE	R20

Lap Schedule 3000 PSI		
Size	Others	Top
#3	22"	28"
#4	29"	38"
#5	36"	47"
#6	43"	56"
#7	63"	81"
#8	72"	93"
#9	81"	105"
#10	91"	118"
#11	101"	131"



AREA–A KEY PLAN

Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

LEGENDS:

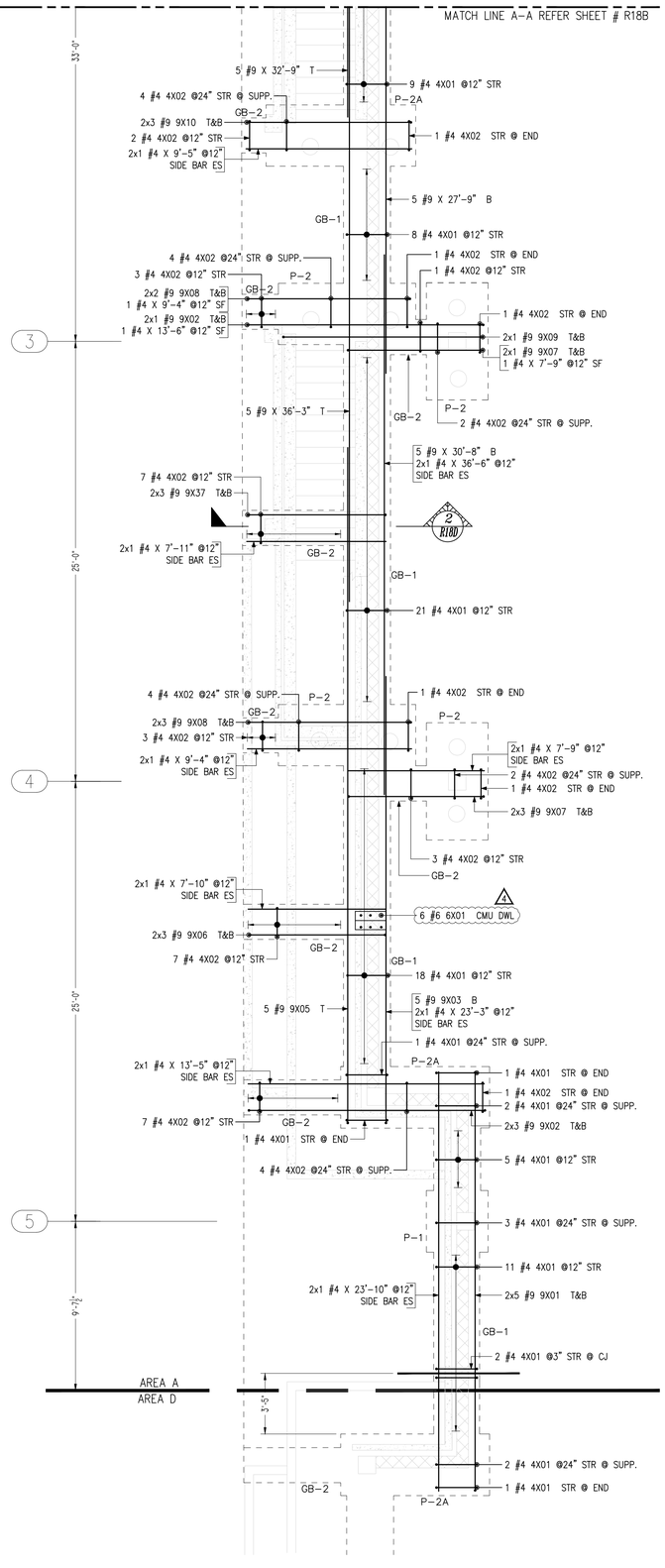
X = COLUMN PEDESTAL MARK

P–X = PILE CAP MARK

<–X'–X"> = TOP OF PILE CAP/GRADE BEAM ELEVATION–MEASURED FROM REFERENCE ELEVATION 0'0"

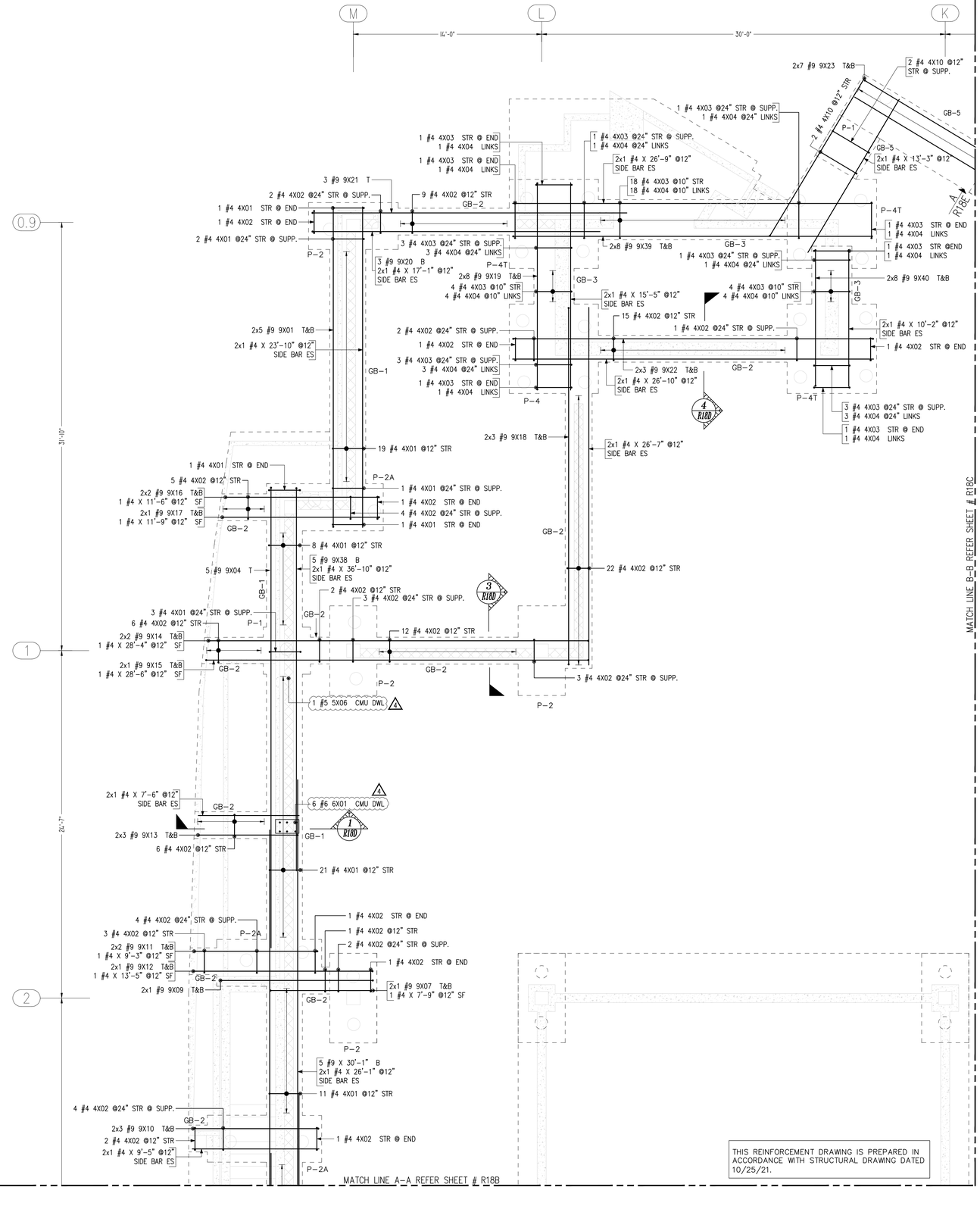
GB–X = GRADE BEAM MARK

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



DETAIL–A GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. = S102A



DETAIL–B GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. = S102A

J8 | J | H | G

7'-6" | 22'-6" | 30'-0" | 30'-0" | 15'-8"

AREA A
AREA B

MATCH LINE B-B REFER SHEET # R18B

ELEVATOR MAT REFER R17 DWG.

2x3 #9 9X24 T&B
17 #4 4X10 @12" STR
2x1 #4 X 15'-10" @12" SIDE BAR ES

2x1 #4 X 12'-9" @12" SIDE BAR ES
11 #4 4X01 @12" STR
5 R18D
GB-1
2 #4 4X01 @24" STR @ SUPP.
1 #4 4X01 STR @ END
2x1 #4 X 18'-6" @12" SIDE BAR ES
2x5 #9 9X26 T&B
13 #4 4X01 @12" STR
2x5 #9 9X25 T&B
B3 R18E
1 #4 4X01 STR @ END
3 #5 5X01 CMU DWL
P-2A
GB-1

2 #9 9X32 T
1 #4 4X01 STR @ END
2 #4 4X01 @24" STR @ SUPP.
5 #9 9X32 B
2x1 #4 X 8'-7" @12" SIDE BAR ES
3 #5 5X01 CMU DWL
5 #9 9X34 B
2x1 #4 X 23'-0" @12" SIDE BAR ES
6 #6 6X01 CMU DWL
3 #4 4X02 @12" STR
2x3 #9 9X36 T&B
5 #9 X 40'-0" B
2x1 #4 X 25'-8" @12" SIDE BAR ES
2x1 #4 X 9'-10" @12" SIDE BAR ES
4 #4 4X02 @24" STR @ SUPP.

P-12T
2x1 #9 9X27 T&B
2x1 #4 X 21'-11" @12" SIDE BAR ES
2 #4 4X01 @24" STR @ SUPP.
GB-2
1 #4 4X02 STR @ END
P-1
2 #4 4X02 @24" STR @ SUPP.
2x1 #9 9X29 T&B
2x1 #4 X 24'-7" @12" SIDE BAR ES
2x1 #9 9X28 T&B
15 #4 4X02 @12" STR
1 #4 4X01 STR @ END
2 #4 4X01 @24" STR @ SUPP.
GB-2
2 #4 4X02 @24" STR @ SUPP.
3 #4 4X02 @12" STR
3 #9 9X31 T
1 #4 4X02 STR @ END
P-2
3 #9 9X30 B
2x1 #4 X 9'-0" @12" SIDE BAR ES

1 #4 4X01 STR @ END
5 #9 9X35 T
3 #5 5X01 CMU DWL
GB-1
17 #4 4X01 @12" STR
P-2A
1 #4 4X02 STR @ END
3 #5 5X04 CMU DWL
5 #9 X 33'-2" T
1 #4 4X02 STR @ END
2 #4 4X02 @24" STR @ SUPP.
P-2
2x1 #4 X 17'-3" @12" SIDE BAR ES
12 #4 4X02 @12" STR
GB-2
2x3 #9 9X33 T&B
2 #4 4X02 @24" STR @ SUPP.
P-2
1 #4 4X02 STR @ END

2 #4 4X01 @24" STR @ SUPP.
8 #4 4X01 @12" STR
P-2A
GB-1
21 #4 4X01 @12" STR
1 #4 4X02 STR @ END
2 #4 4X02 @24" STR @ SUPP.
P-2
2x1 #4 X 17'-3" @12" SIDE BAR ES
12 #4 4X02 @12" STR
GB-2
2x3 #9 9X33 T&B
2 #4 4X02 @24" STR @ SUPP.
P-2
1 #4 4X02 STR @ END

5 #9 X 30'-7" B
2x1 #4 X 36'-4" @12" SIDE BAR ES
21 #4 4X01 @12" STR
5 #9 X 40'-0" T
GB-1
5 #9 X 17'-6" T
GB-2
2 #4 4X01 @3" STR @ CJ
1 #4 4X02 STR @ END
P-2A
2 #4 4X02 @24" STR @ SUPP.
P-2
2x1 #4 X 17'-3" @12" SIDE BAR ES
12 #4 4X02 @12" STR
GB-2
2x3 #9 9X33 T&B
2 #4 4X02 @24" STR @ SUPP.
P-2
1 #4 4X02 STR @ END

29'-11½"
17'-0"
25'-0"
rA
rB
rC
rD

FOR REINFORCEMENT DETAILS REF DWG SHEET :R08 SERIES.

P-3

0'-0"
T/SLAB

SLAB THICK 6"

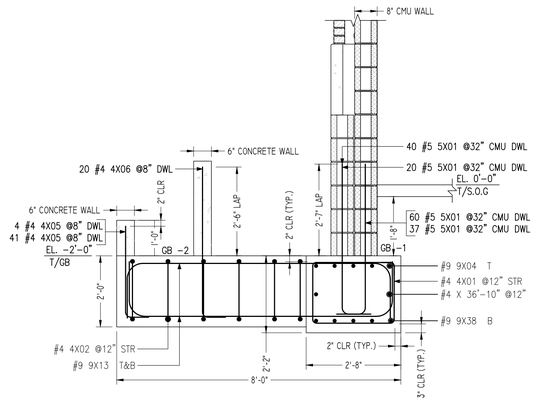
P-3

P-3

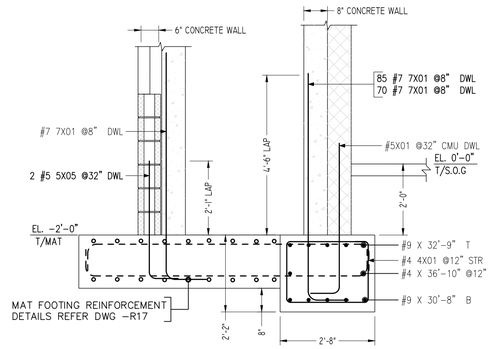
DETAIL-C GRADE BEAM REINFORCEMENT DETAILS

Scale=1/4"=1'-0"
Ref. Dwg. = S102A

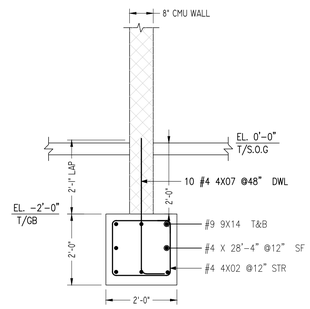
THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



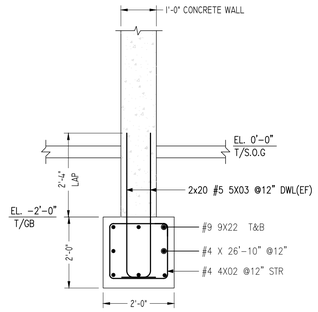
SECTION (1)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



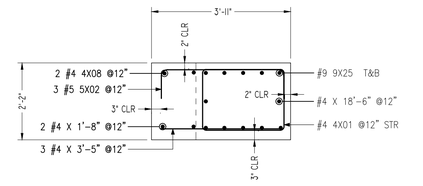
SECTION (2)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



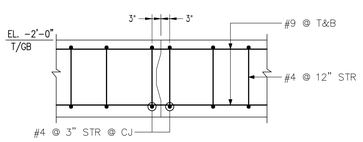
SECTION (3)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



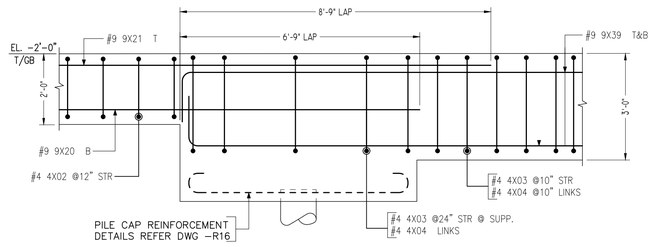
SECTION (4)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



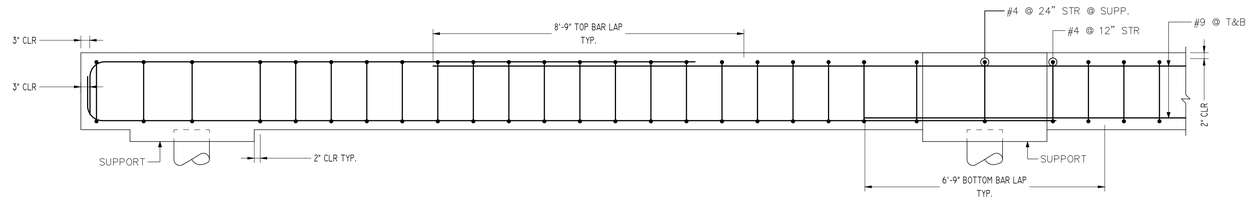
SECTION (5)
Scale=1/2"=1'-0"
Ref. Dwg. =S301



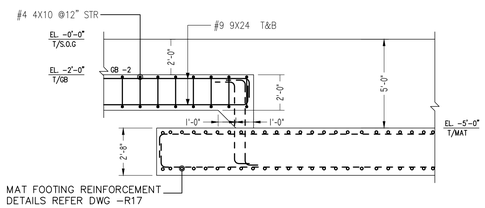
CONSTRUCTION JOINT AT GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501



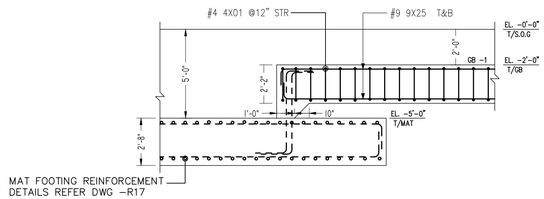
STEPPED GRADE BEAM
Scale=1/2"=1'-0"
Ref. Dwg. = S501



TYPICAL GRADE BEAM DETAIL
Scale=1/2"=1'-0"
Ref. Dwg. = S501

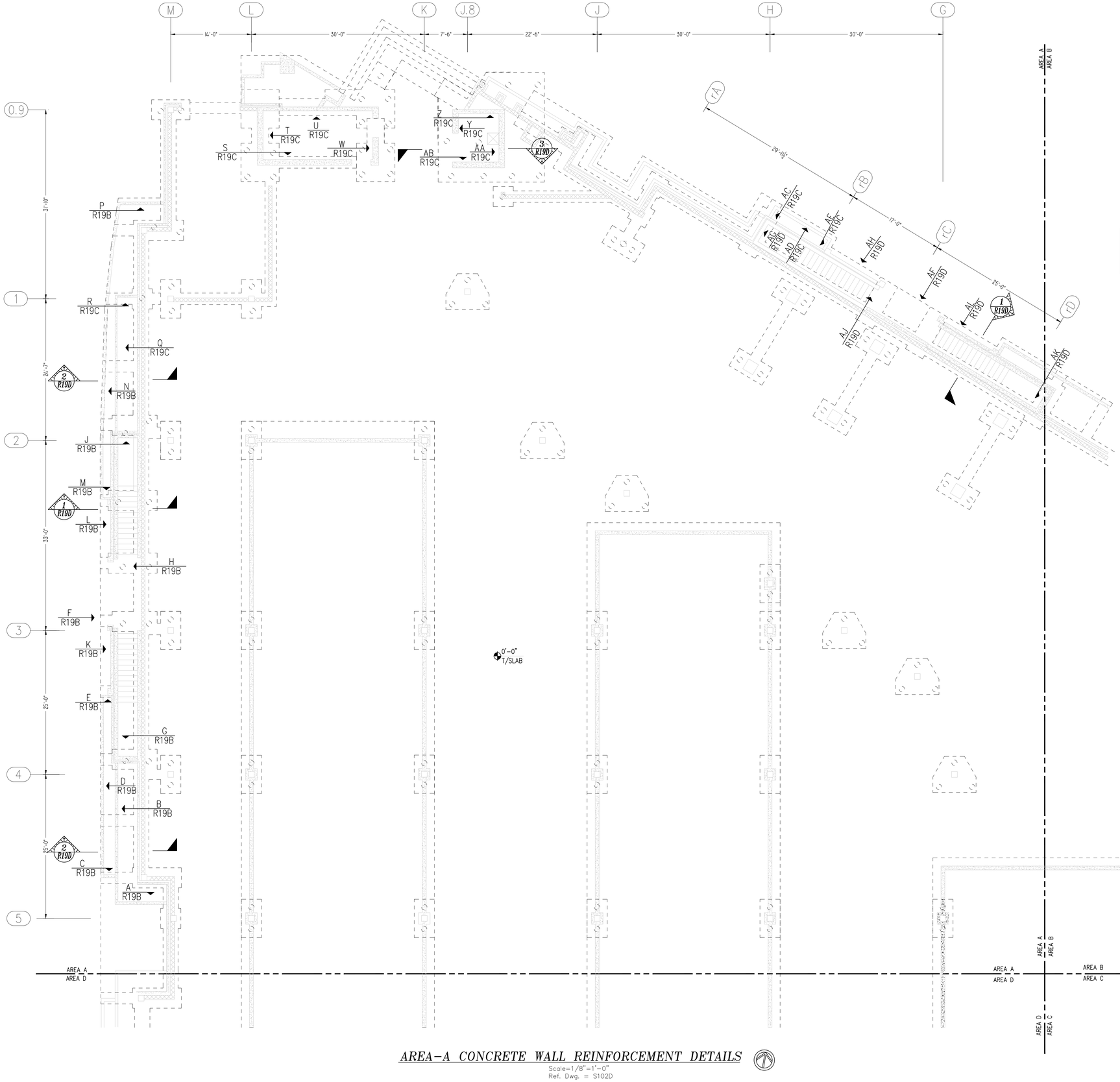


ELEVATION (A)
Scale=1/4"=1'-0"
Ref. Dwg. =S102A&S503



ELEVATION (B)
Scale=1/4"=1'-0"
Ref. Dwg. =S102A&S503

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/21.



AREA–A CONCRETE WALL REINFORCEMENT DETAILS

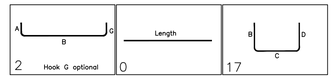
Scale=1/8"=1'–0"
Ref. Dwg. = S102D

Release Number: R19A–R19E

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
3101	47	#3	3'-3"	2	0'-6"	2'-9"										
4101a	8	#4	7'-7"			7'-7"										
Varies To																
4101i	8	#4	20'-5"			20'-5"										
4102	228	#4	3'-2"	2	0'-8"	2'-6"										
4103	120	#4	5'-5"	17		2'-9"	2'-9"									
4105	76	#4	6'-4"	2	0'-8"	5'-8"										
4106	148	#4	4'-8"	2	0'-8"	4'-0"										
4107	4	#4	4'-4"	17		1'-7"	2'-9"									
4108	4	#4	4'-10"	17		2'-1"	2'-9"									
4110	5	#4	8'-8"	2	0'-8"	8'-0"										
4112	4	#4	4'-5"	17		1'-8"	2'-7"									
4119	9	#4	6'-3"	2	0'-8"	5'-7"										
4120	8	#4	4'-9"	17		2'-0"	2'-9"									
4124	16	#4	3'-5"	2	0'-8"	2'-9"										
5101	42	#5	7'-5"	2	0'-10"	6'-7"										
5103	184	#5	6'-10"	17		3'-5"	3'-5"									
5105	62	#5	6'-5"	2	0'-10"	5'-10"										
5106	28	#5	5'-2"	2	0'-10"	4'-4"										
5114	30	#5	5'-8"	2	0'-10"	4'-10"										
7103	48	#7	9'-2"	2	1'-2"	8'-0"										
7107	4	#7	7'-6"	2	1'-2"	6'-4"										
7112	48	#7	7'-4"	2	1'-2"	6'-2"										
7114a	8	#7	2'-8"			2'-8"										
Varies To																
7114a	8	#7	11'-0"			11'-0"										

Bar list produced by RebarCAD 2020.0

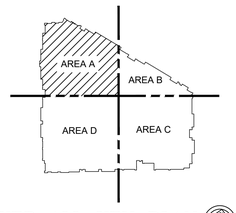


DRAWING INDEX FOR AREA A

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R16
MAT FOOTING	R17
GRADE BEAM	R18
CONCRETE WALL	R19
SLAB ON GRADE	R20

Lap Schedule 4000 PSI

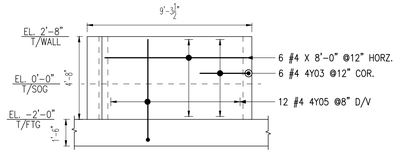
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWING DATED 10/25/2021

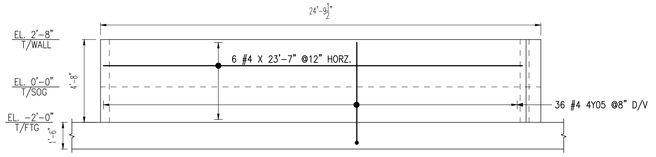


(6" THK WALL)

ELEVATION A

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

Ref. Dwg. =S102D & 7/S301

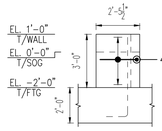


(6" THK WALL)

ELEVATION B

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

Ref. Dwg. =S102D & 7/S301

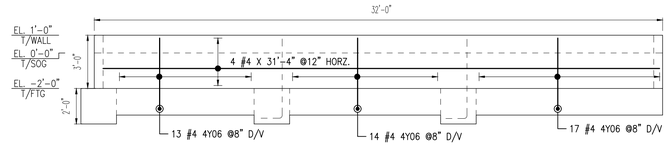


(6" THK WALL)

ELEVATION C

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

Ref. Dwg. =S102D & 7/S301

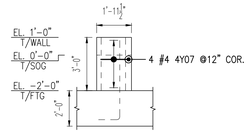


(6" THK WALL)

ELEVATION D

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

Ref. Dwg. =S102D & 7/S301

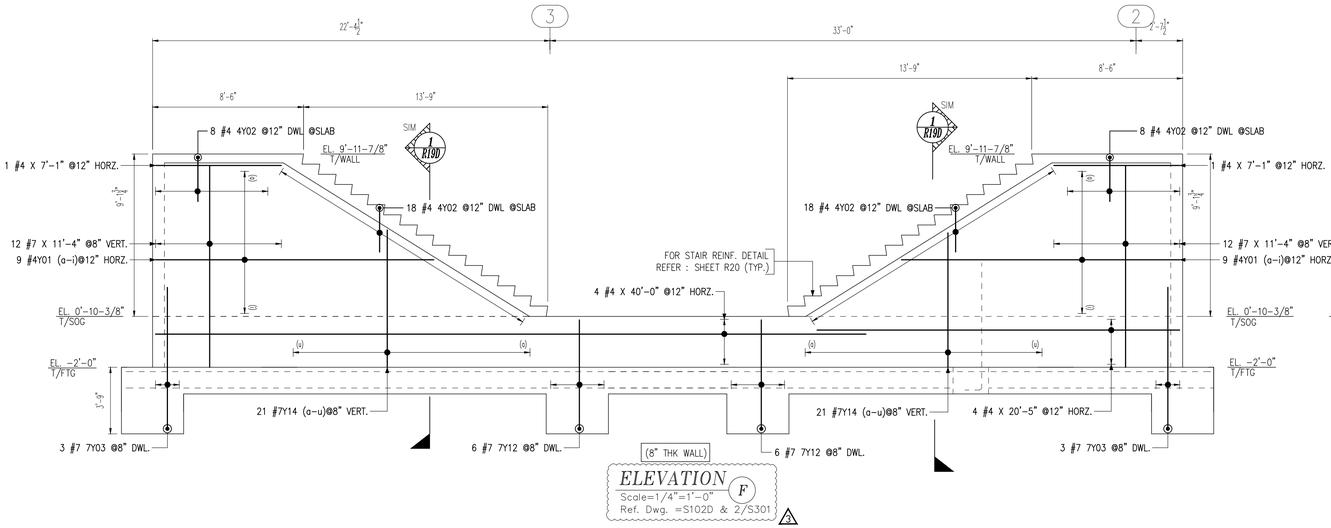


(6" THK WALL)

ELEVATION E

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

Ref. Dwg. =S102D & 7/S301

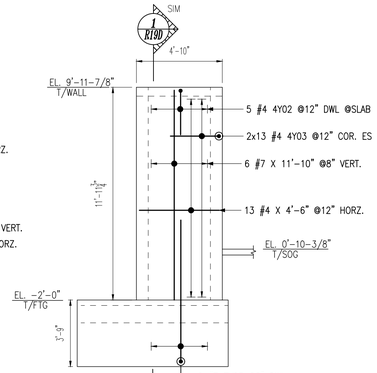


(8" THK WALL)

ELEVATION F

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

Ref. Dwg. =S102D & 2/S301

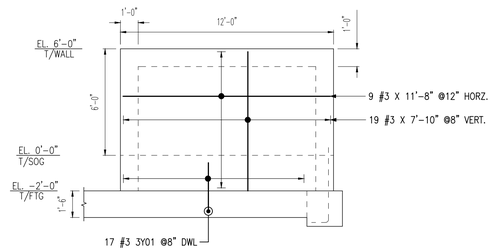


(8" THK WALL)

ELEVATION G

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

Ref. Dwg. =S102D & 2/S301

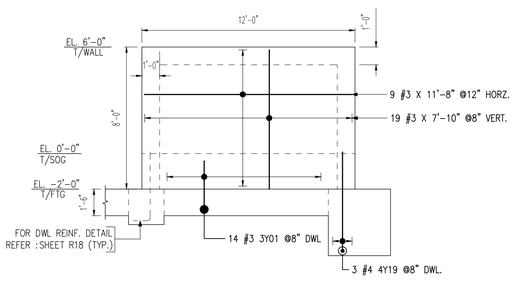


(6" THK WALL)

ELEVATION H

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

Ref. Dwg. =S102D & 7/S301

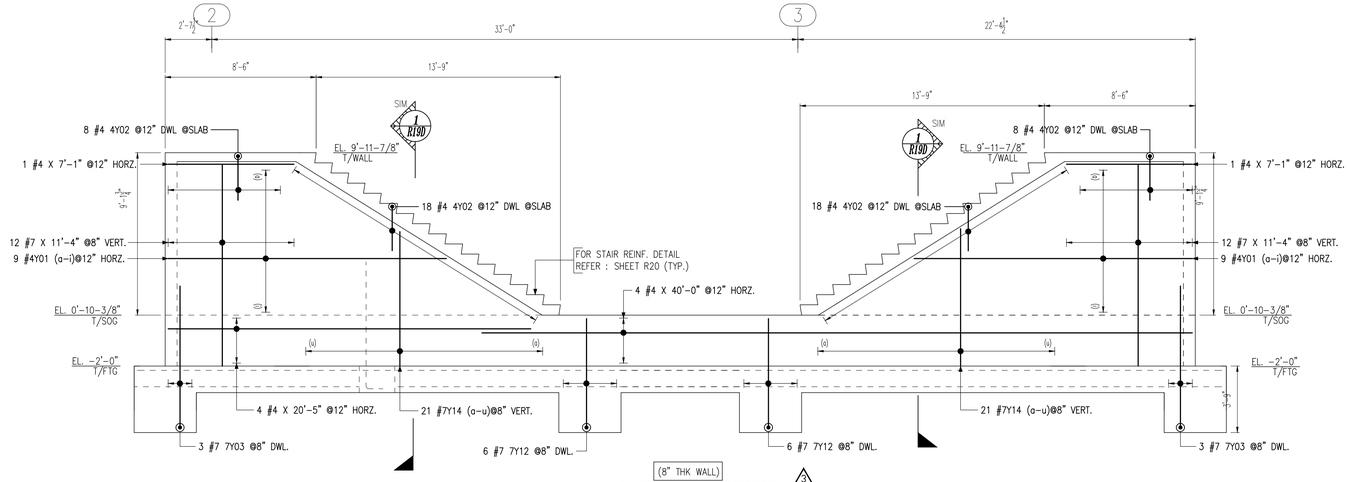


(6" THK WALL)

ELEVATION J

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

Ref. Dwg. =S102D & 7/S301

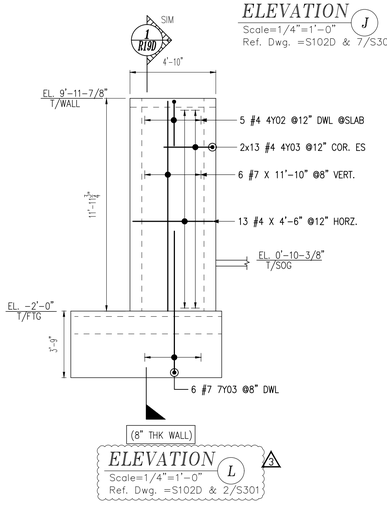


(8" THK WALL)

ELEVATION K

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

Ref. Dwg. =S102D & 2/S301

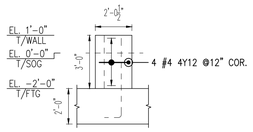


(8" THK WALL)

ELEVATION L

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

Ref. Dwg. =S102D & 2/S301

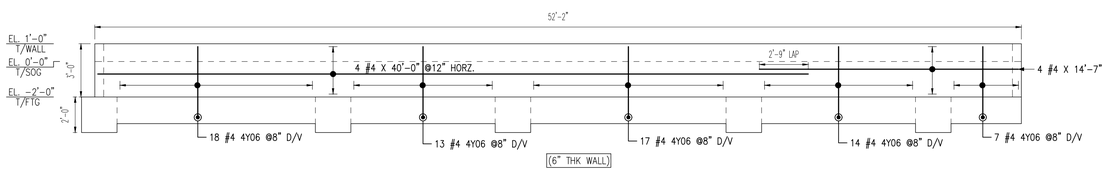


(8" THK WALL)

ELEVATION M

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

Ref. Dwg. =S102D & 7/S301

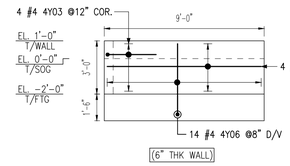


(6" THK WALL)

ELEVATION N

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

Ref. Dwg. =S102D & 7/S301

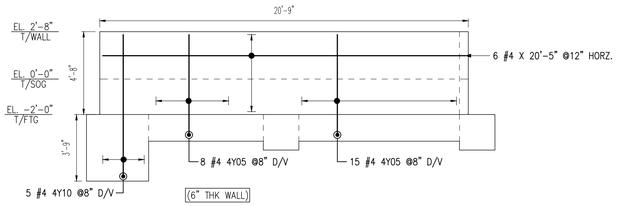


(6" THK WALL)

ELEVATION P

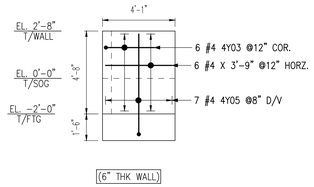
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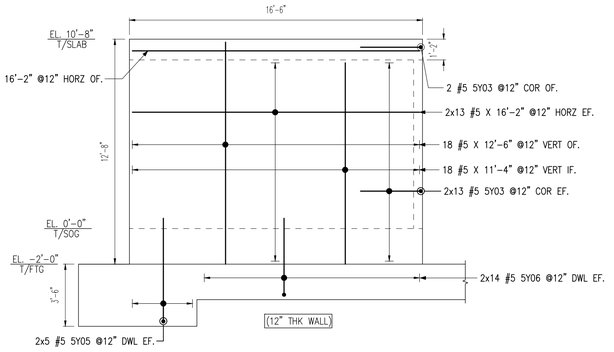
ELEVATION Q

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Ref. Dwg. =S102D & 7/S301



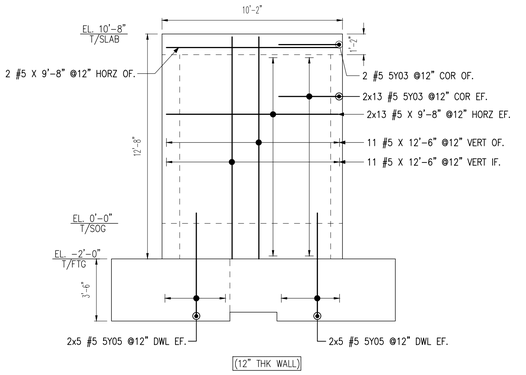
ELEVATION R

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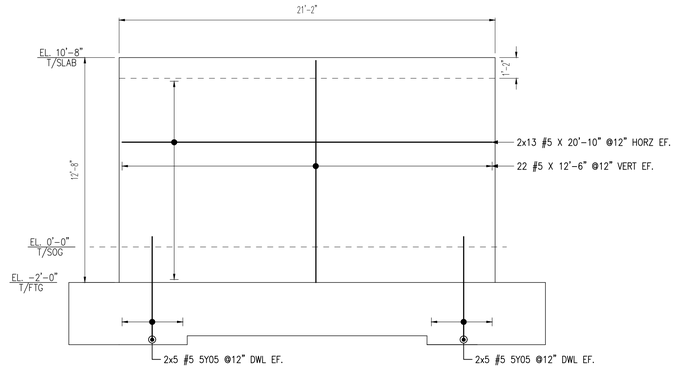
ELEVATION S

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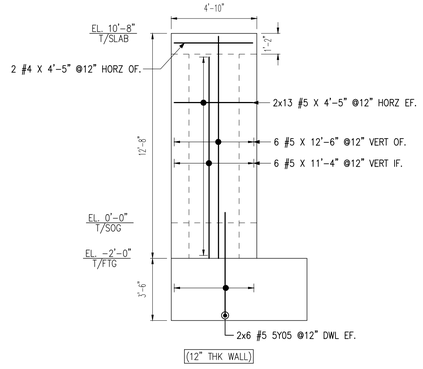
ELEVATION T

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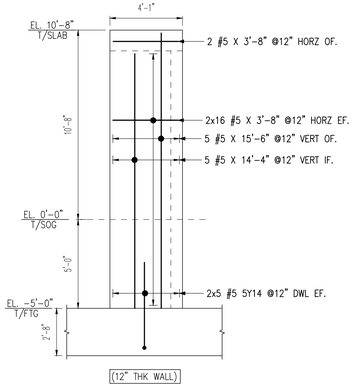
ELEVATION U

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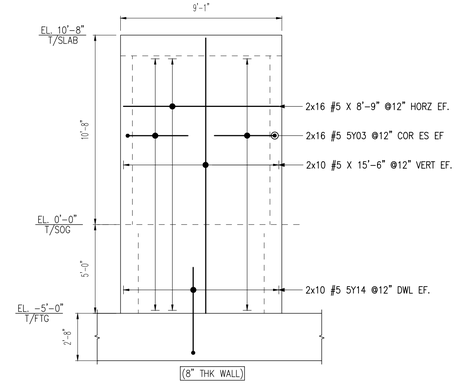
ELEVATION W

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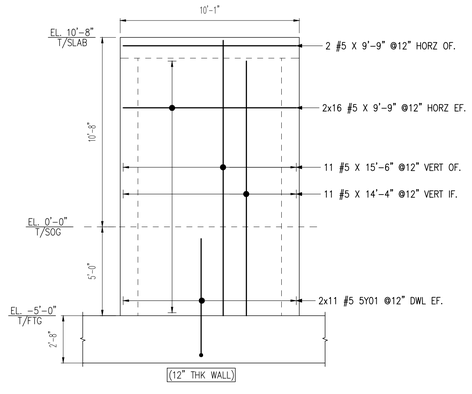
ELEVATION Y

Scale=1/4"=1'-0"
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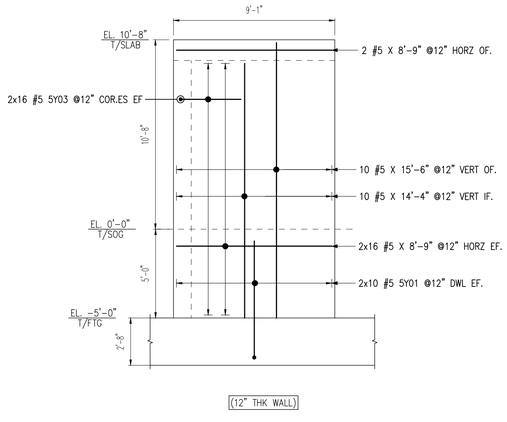
ELEVATION Z

Scale=1/4"=1'-0"
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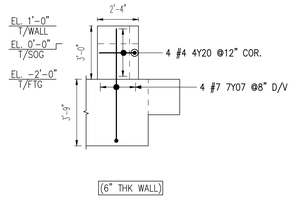
ELEVATION AA

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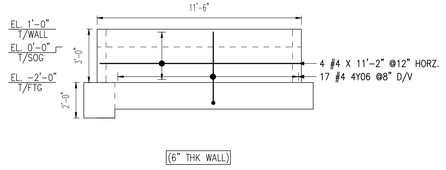
ELEVATION AB

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



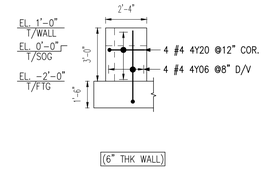
ELEVATION AC

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 7/S301



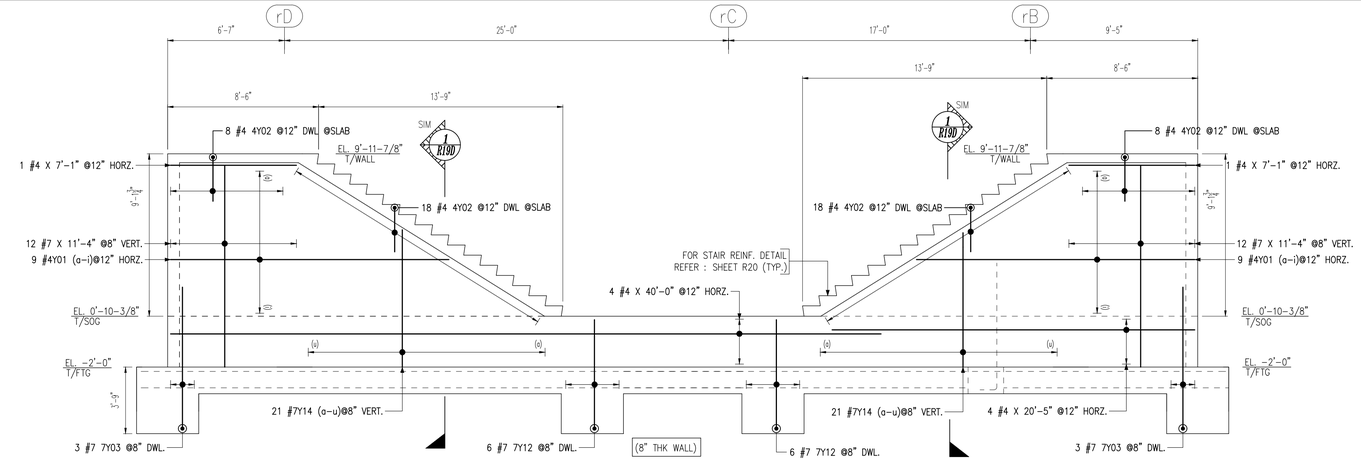
ELEVATION AD

Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 7/S301

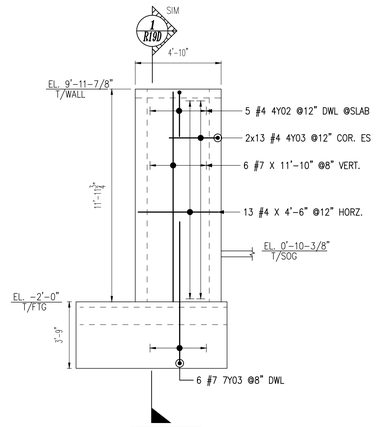


ELEVATION AE

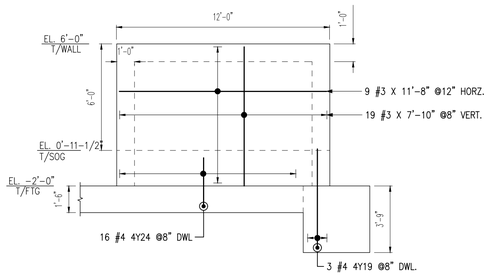
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Ref. Dwg. =S102D & 7/S301



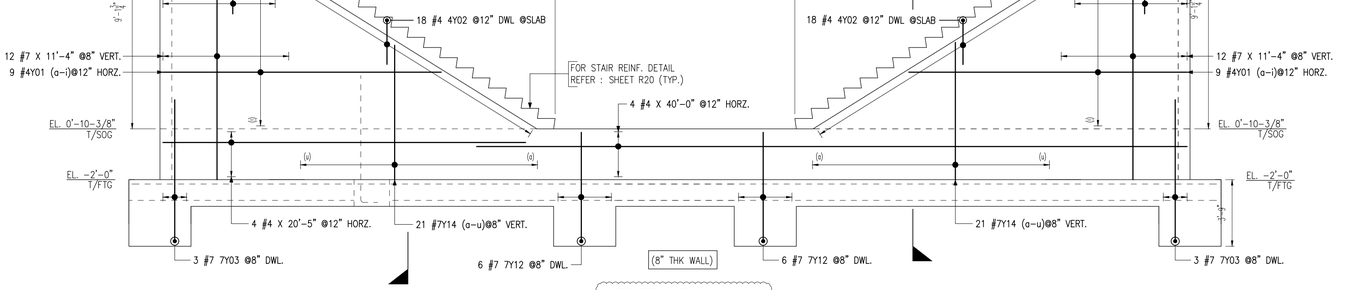
ELEVATION AF
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 7/S301



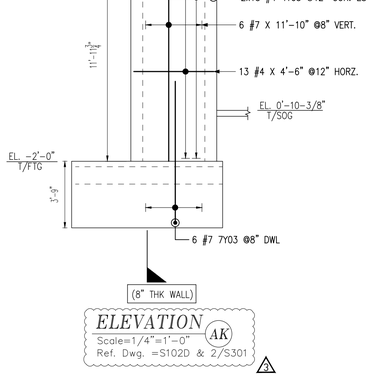
ELEVATION AG
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301



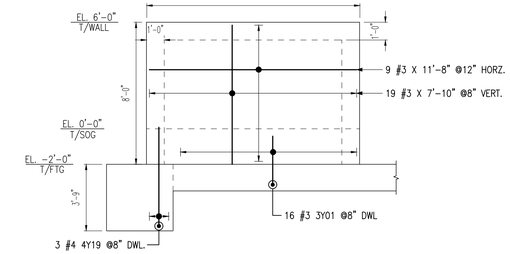
ELEVATION AH
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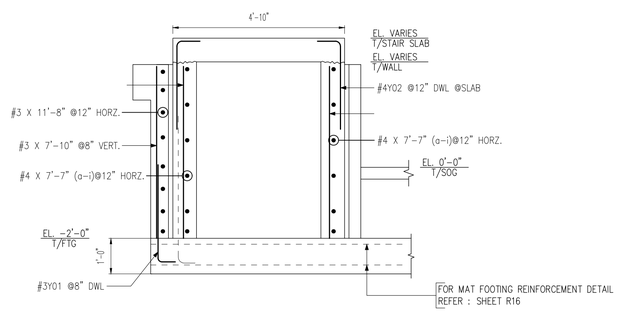
ELEVATION AJ
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Ref. Dwg. =S102D & 7/S301



ELEVATION AK
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 2/S301

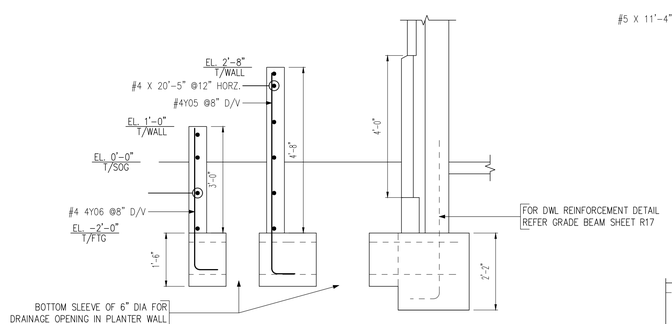


ELEVATION AL
Scale=1/4"=1'-0"
Ref. Dwg. =S102D & 7/S301



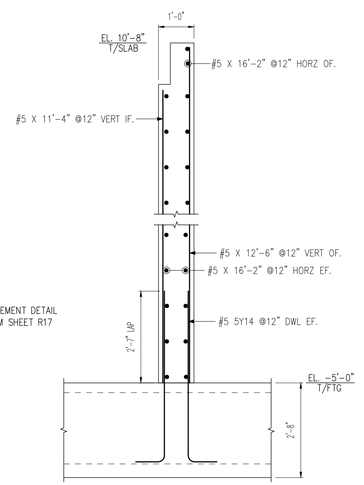
REINFORCEMENT DETAIL AT STAIRCASE

SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. =S301

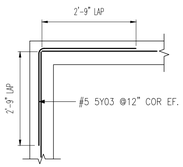


REINFORCEMENT DETAIL AT EXTERIOR WALL

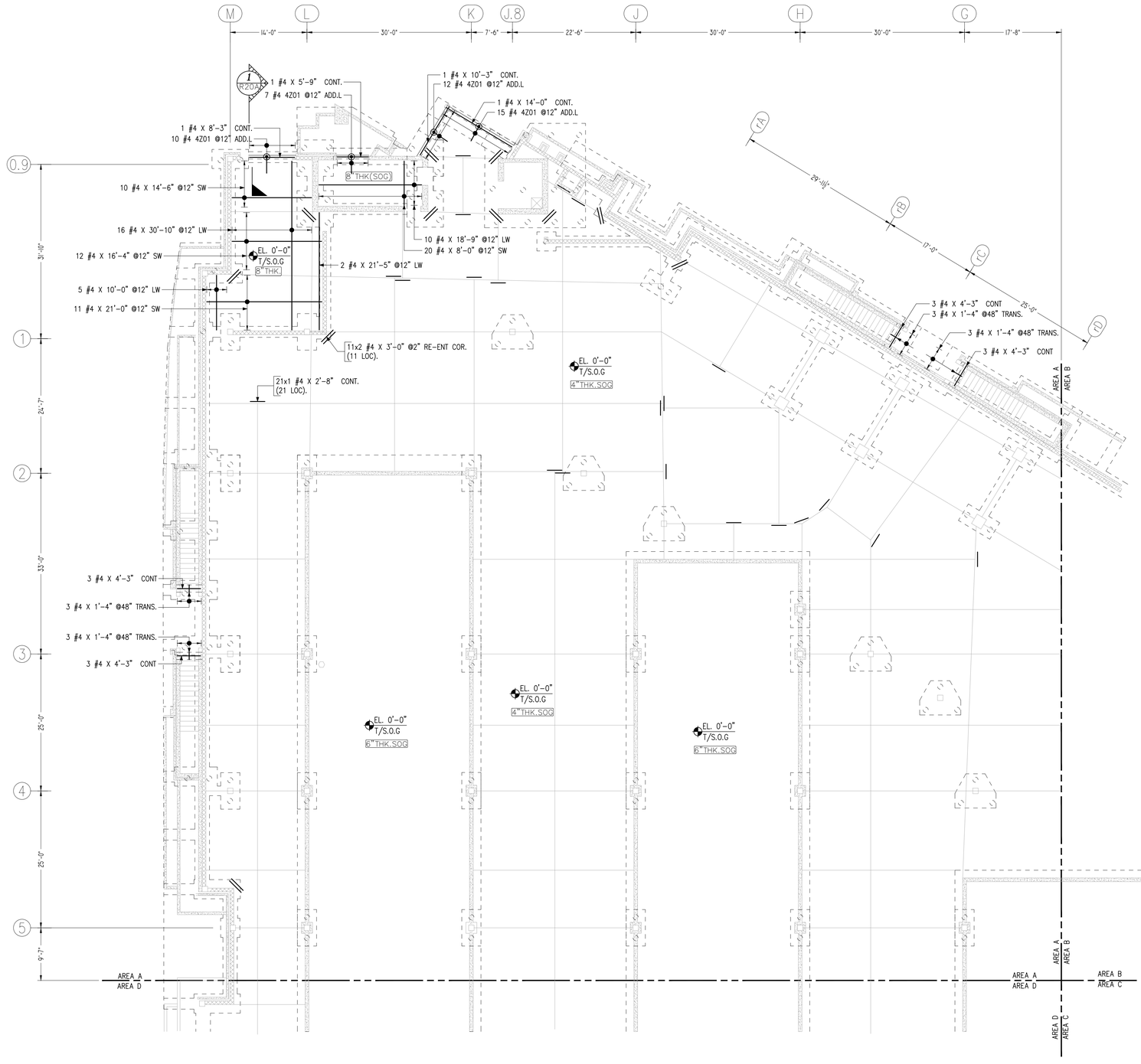
SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. =S301



SECTION 3
Scale=1/2"=1'-0"
Ref. Dwg. =S301

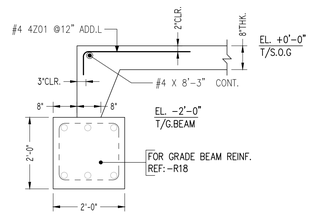


TYPICAL CORNER BAR DETAIL
Scale=1/2"=1'-0"
Ref. Dwg. =S301



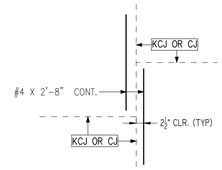
AREA-A SLAB ON GRADE REINFORCEMENT DETAILS

Scale=1/10"=1'-0"
Ref. Dwg. = S103A



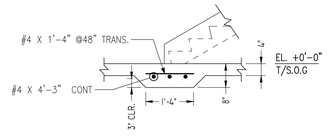
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =3/S301



TYPICAL DETAIL AT DISCONTINUOUS SLAB JOINT

Scale=1/2"=1'-0"
Ref. Dwg. = S502

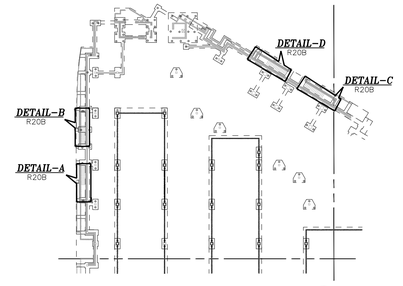


TYPICAL DETAIL. THICKNED SLAB AT STAIR

Scale=1/2"=1'-0"
Ref. Dwg. = S502

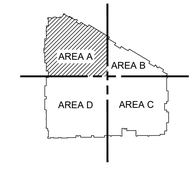
DRAWING INDEX FOR AREA-A

ELEMENT	DRAWING SERIES
PILE CAP & PEDESTAL	R16
MAT FOOTING	R17
GRADE BEAM	R18
WALL	R19
SLAB ON GRADE	R20



AREA-A KEY PLAN

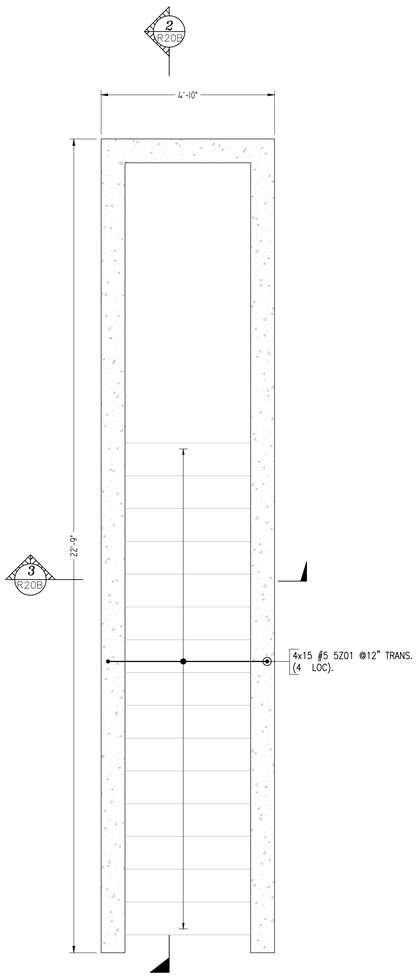
Scale=NTS



OVER ALL KEY PLAN

Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



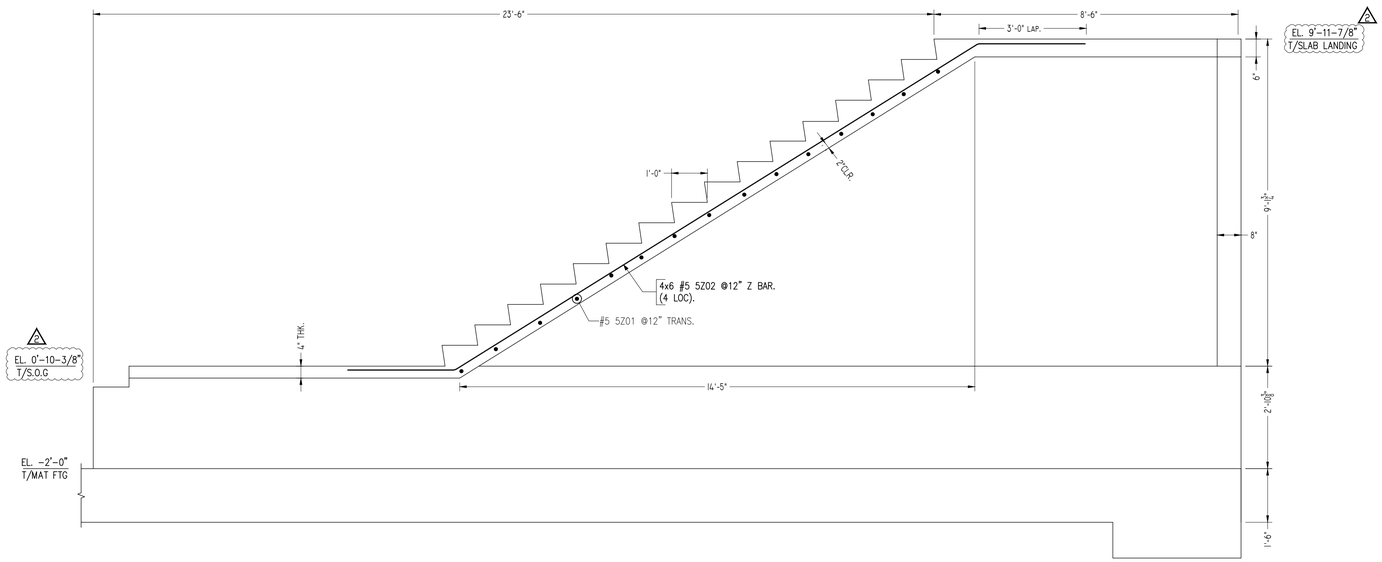
4(LOCATION)

DETAIL–A,B,C,D

REINFORCEMENT DETAIL AT STAIRCASE (1)

Scale=1/2"=1'–0"

Ref. Dwg. =S103A



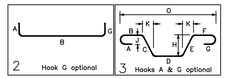
SECTION (2)

Scale=1/2"=1'–0"

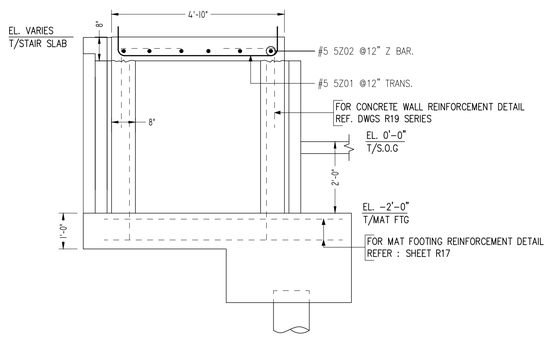
Ref. Dwg. =S301

Release Number: R20A-R20B	BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4Z01	44	#4	3'-8"	2	0'-8"	3'-0"										
5Z01	60	#5	6'-2"	2	0'-10"	4'-6"					0'-10"					
5Z02	24	#5	23'-2 K"	3		3'-0"	17'-2 K"	3'-6"				9'-2"		14'-7 K"	20'-7 K"	

Bar list produced by RebarCAD 2022.0



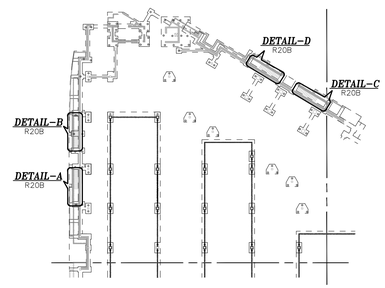
Lap Schedule 4000 PSI		
Size	Others	Top
#3	19"	25"
#4	25"	33"
#5	31"	41"
#6	37"	49"
#7	54"	71"
#8	62"	81"
#9	70"	91"
#10	79"	102"
#11	87"	114"



SECTION (3)

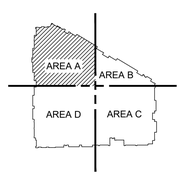
Scale=1/2"=1'–0"

Ref. Dwg. =2/S301



AREA–A KEY PLAN

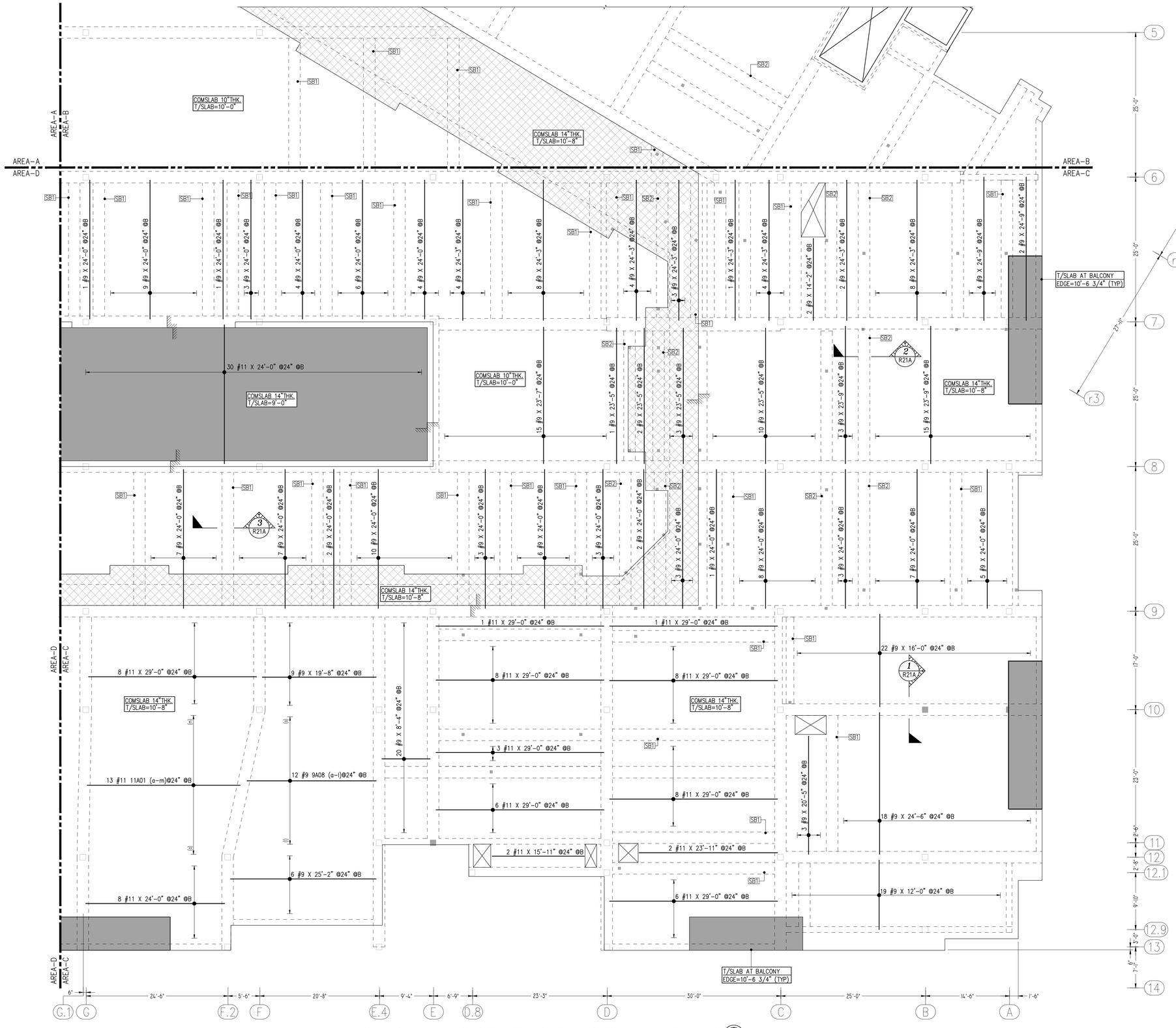
Scale=NTS



OVER ALL KEY PLAN

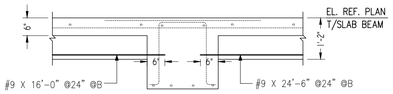
Scale=NTS

THIS REINFORCEMENT DRAWING IS PREPARED IN ACCORDONCE WITH STRUCTURAL DRAWING NOTED 10/25/2021



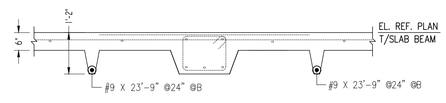
AREA-C LEVEL-2 COM SLAB REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02C



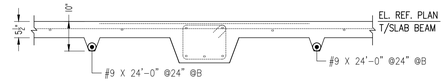
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =3/DK5.01



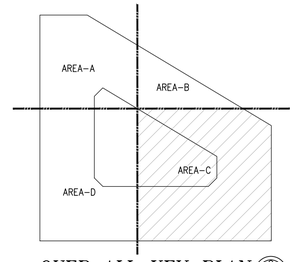
SECTION 2

Scale=1/2"=1'-0"
Ref. Dwg. =7/DK5.01

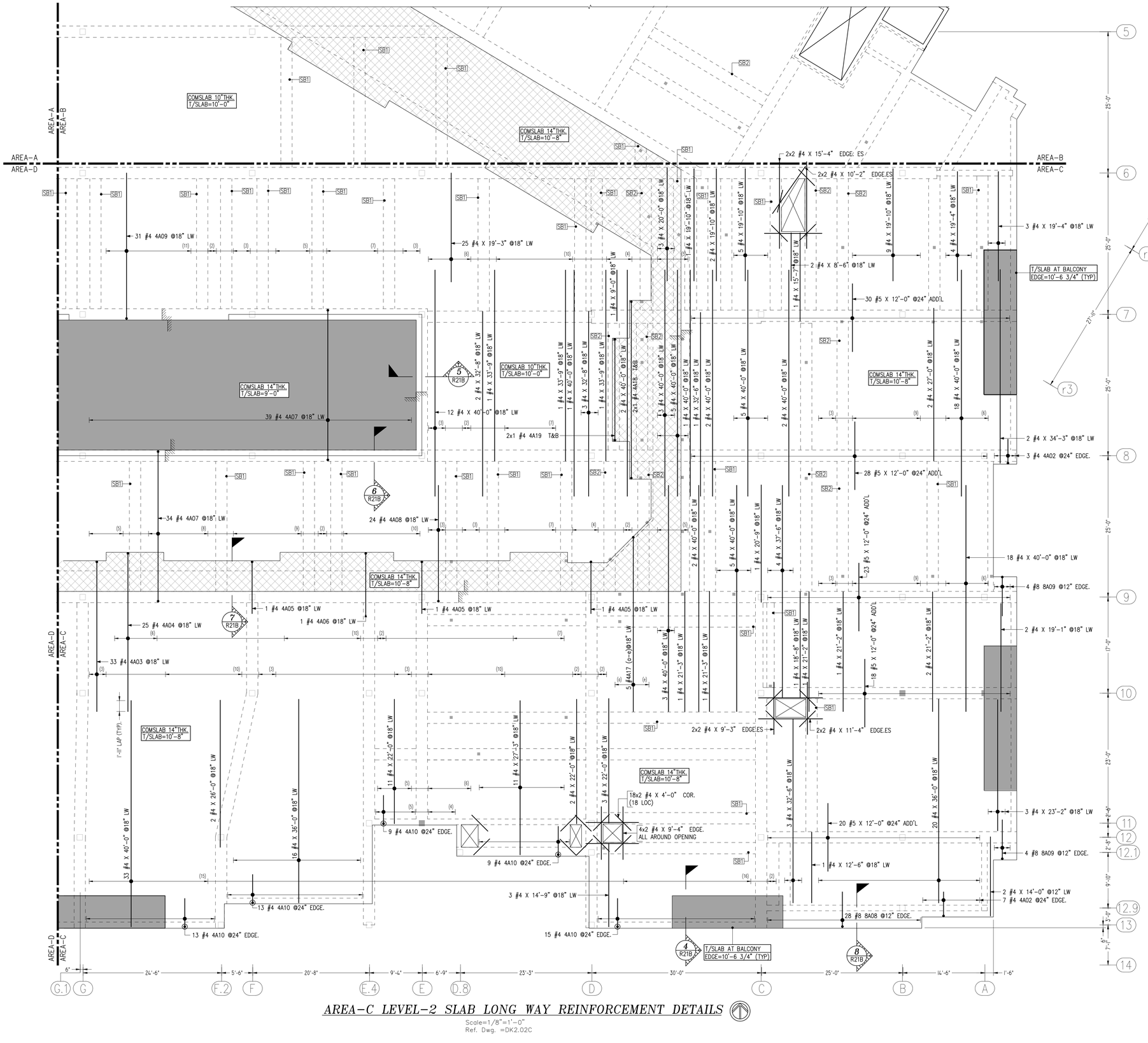


SECTION 3

Scale=1/2"=1'-0"
Ref. Dwg. =7/DK5.01

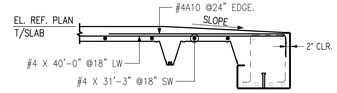


OVER ALL KEY PLAN

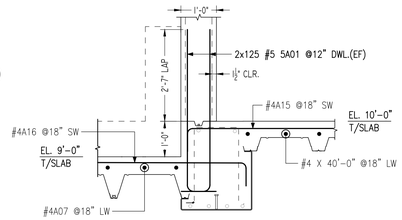


AREA-C LEVEL-2 SLAB LONG WAY REINFORCEMENT DETAILS

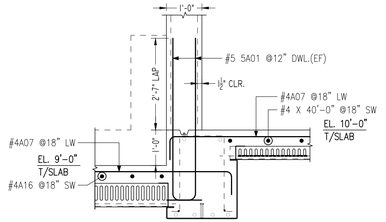
Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02C



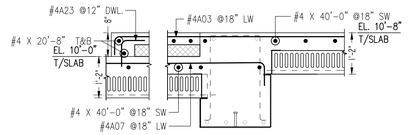
SECTION 4
Scale=1/2"=1'-0"
Ref. Dwg. =3/DK5.02



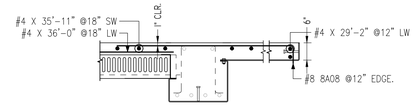
SECTION 5
Scale=1/2"=1'-0"
Ref. Dwg. =4/DK5.02



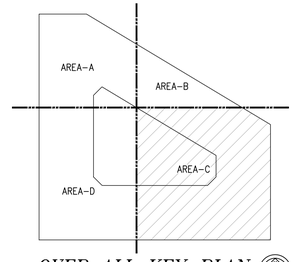
SECTION 6
Scale=1/2"=1'-0"
Ref. Dwg. =5/DK5.02



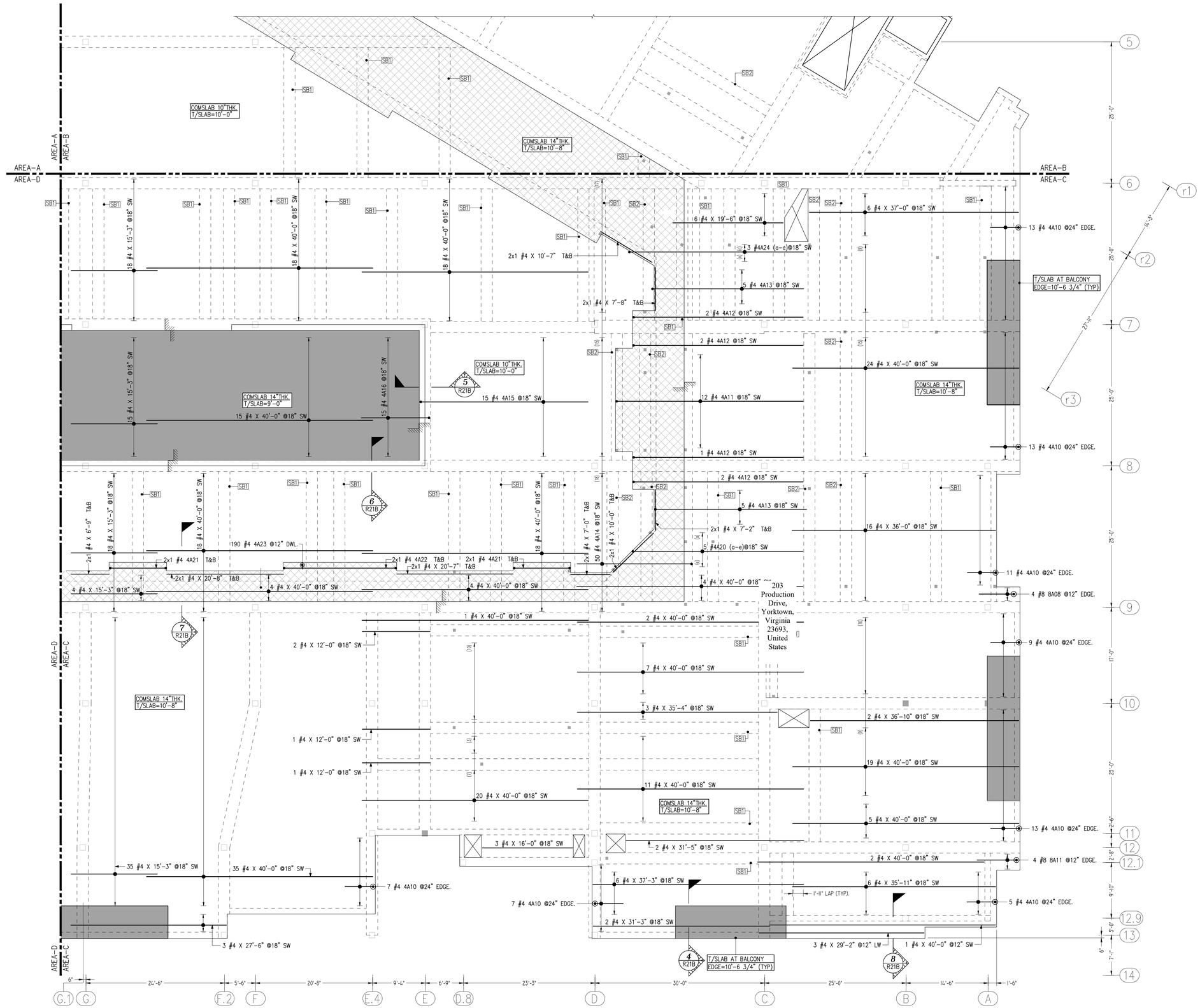
SECTION 7
Scale=1/2"=1'-0"
Ref. Dwg. =1/DK5.02



SECTION 8
Scale=1/2"=1'-0"
Ref. Dwg. =7/DK5.01

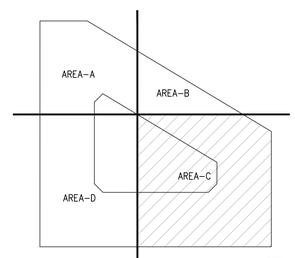


OVER ALL KEY PLAN

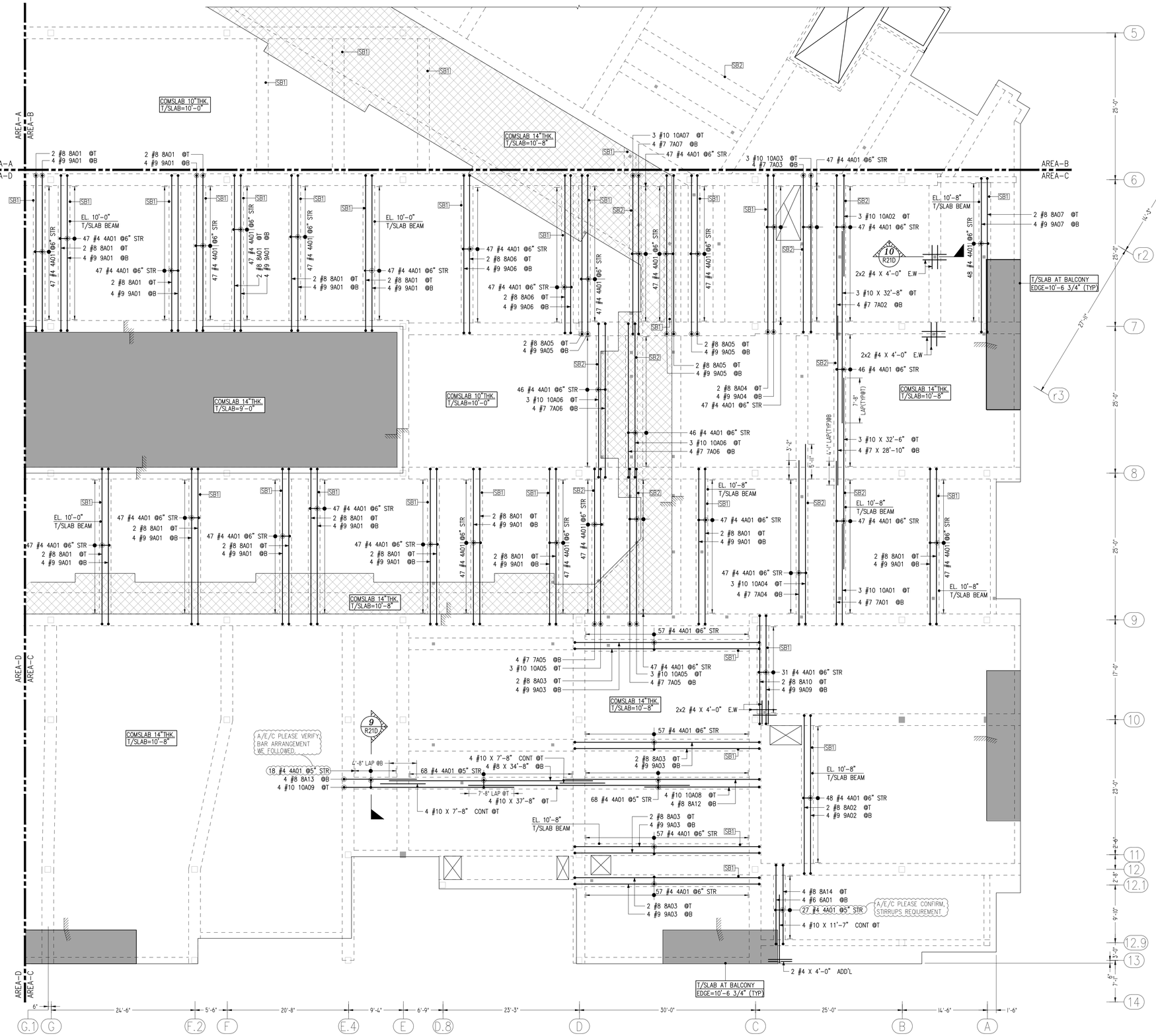


AREA-C LEVEL-2 SLAB SHORT WAY REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02C

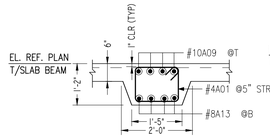


OVER ALL KEY PLAN



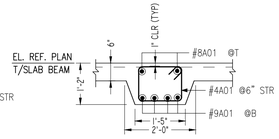
AREA-C LEVEL-2 SLAB BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02C



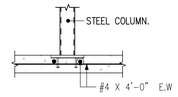
SECTION-9

Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01



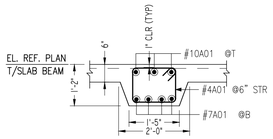
TYPICAL SECTION-SB1

Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01



SECTION-10

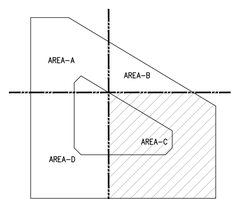
Scale=1/2"=1'-0"
Ref. Dwg. =-



TYPICAL SECTION-SB2

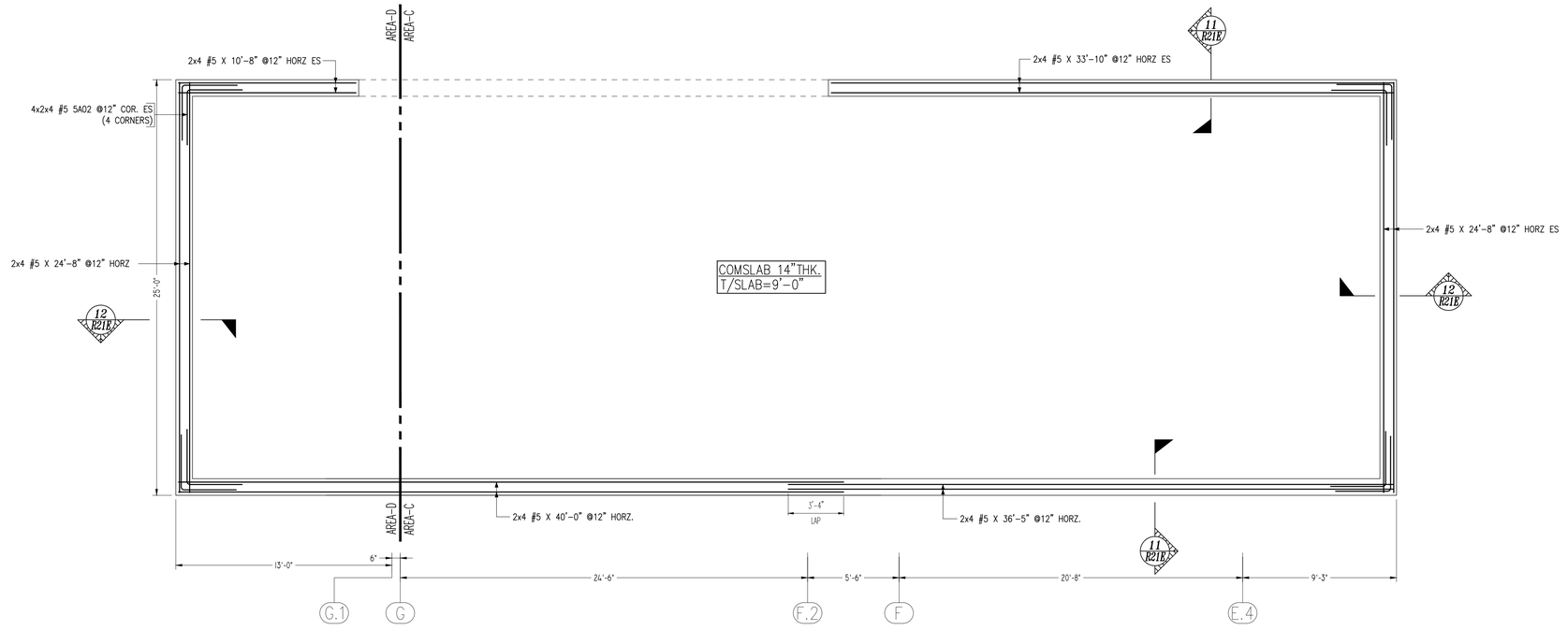
Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01

Lap Schedule 5000 PSI		
Size	Others	Top
#3	17"	22"
#4	23"	29"
#5	28"	36"
#6	34"	44"
#7	49"	63"
#8	56"	72"
#9	63"	81"
#10	71"	92"
#11	78"	102"



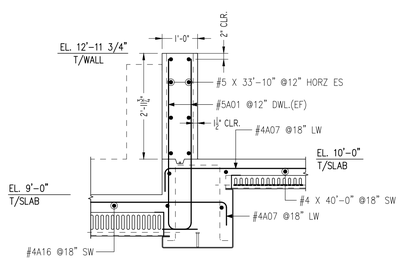
OVER ALL KEY PLAN

Scale=NTS

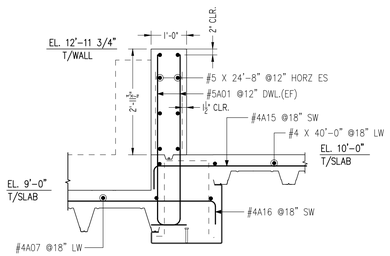


LEVEL-2 POOL WALL REINFORCEMENT DETAILS

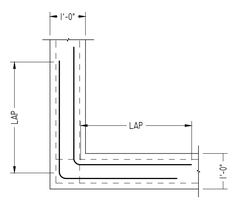
Scale=1/4"=1'-0"
Ref. Dwg. =DK2.02C & DK2.02D



SECTION (11)
Scale=1/2"=1'-0"
Ref. Dwg. =5/DK5.02



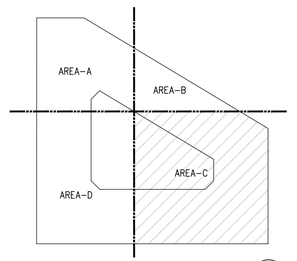
SECTION (12)
Scale=1/2"=1'-0"
Ref. Dwg. =4/DK5.02



TYPICAL CORNER BAR DETAIL
Scale=1/2"=1'-0"

Lap Schedule 5000 PSI		
Size	Others	Top
#3	19"	24"
#4	25"	32"
#5	31"	40"
#6	37"	48"
#7	54"	63"
#8	62"	70"
#9	70"	80"
#10	79"	102"
#11	87"	113"

A/E/C PLEASE VERIFY,
LAP SCHEDULE WE FOLLOWED



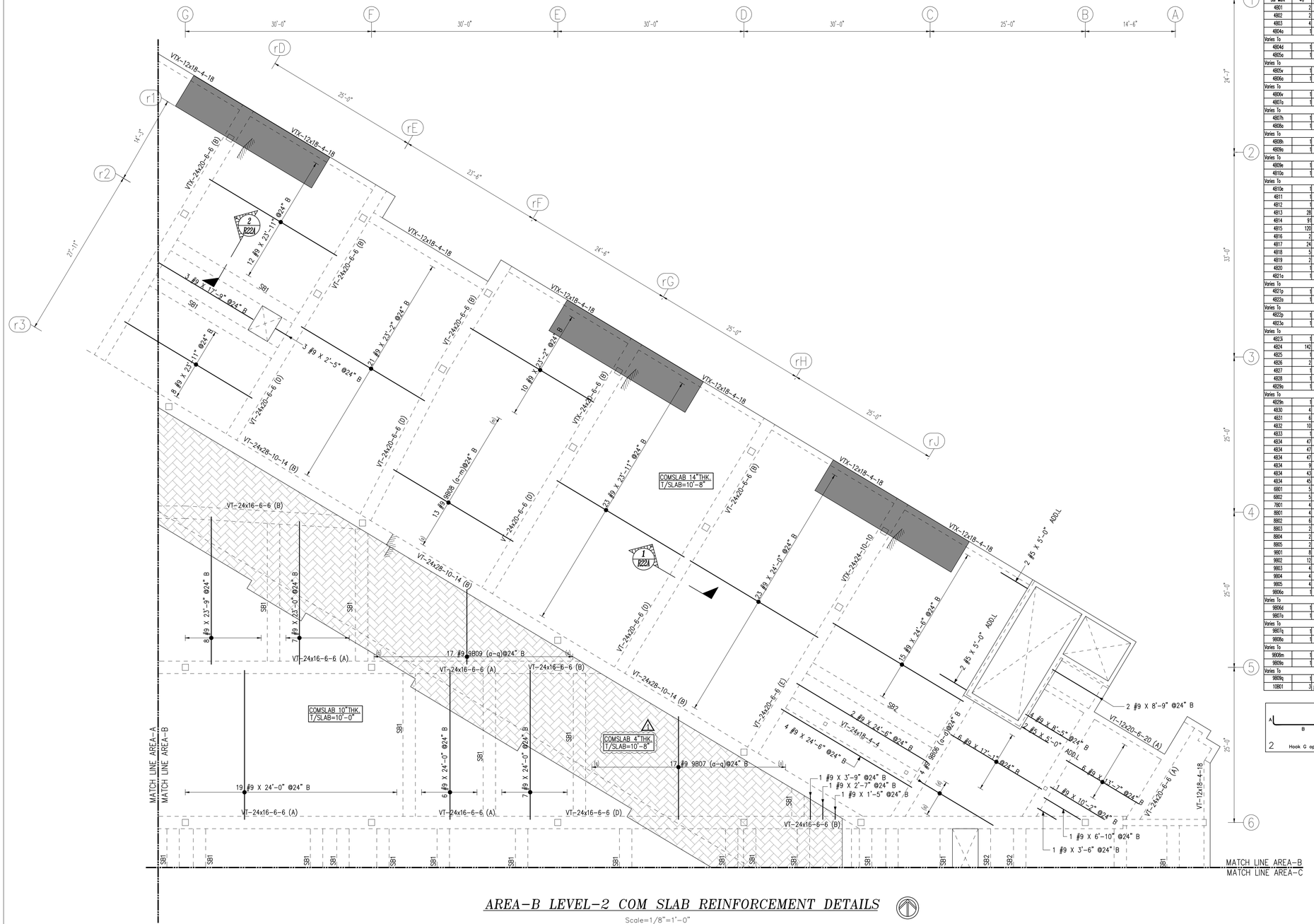
OVER ALL KEY PLAN
Scale=NTS

Release Number: R21A — BAR LST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4A01	2037	#4	5'-3"	11	0'-4 R"	1'-3"	1'-0"	1'-3"	1'-0"		0'-4 R"					
4A02	10	#4	4'-9"	1	0'-6"	4'-3"							0'-4"			
4A03	33	#4	27'-2"	2	0'-8"	26'-6"										
4A04	25	#4	28'-8"	2	0'-8"	28'-0"										
4A05	3	#4	9'-10"	2	0'-8"	9'-2"										
4A06	1	#4	11'-4"	2	0'-8"	10'-8"										
4A07	73	#4	27'-10"	2	0'-8"	26'-6"					0'-8"					
4A08	24	#4	21'-2"	2	0'-8"	20'-6"										
4A09	31	#4	26'-5"	2	0'-8"	25'-9"										
4A10	137	#4	5'-8"	2	0'-8"	5'-0"										
4A11	12	#4	33'-8"	2	0'-8"	33'-0"										
4A12	7	#4	30'-8"	2	0'-8"	30'-0"										
4A13	10	#4	27'-5"	2	0'-8"	26'-9"										
4A14	50	#4	20'-11"	2	0'-8"	20'-3"										
4A15	15	#4	30'-3"	2	0'-8"	29'-7"										
4A16	15	#4	13'-8"	2	0'-8"	13'-0"										
4A17a	1	#4	28'-6"	2	0'-8"	27'-10"										
Varies To																
4A17e	1	#4	34'-6"	2	0'-8"	33'-10"										
4A18	2	#4	32'-7"	2	0'-8"	31'-3"					0'-8"					
4A19	2	#4	19'-3"	2	0'-8"	17'-11"					0'-8"					
4A20a	1	#4	27'-9"	2	0'-8"	27'-1"										
Varies To																
4A20e	1	#4	33'-9"	2	0'-8"	33'-1"										
4A21	4	#4	11'-2"	2	0'-8"	9'-10"					0'-8"					
4A22	2	#4	21'-1"	2	0'-8"	19'-9"					0'-8"					
4A23	190	#4	1'-5"	2	0'-8"	0'-9"										
4A24a	1	#4	28'-11 N"	2	0'-8"	28'-3 N"										
Varies To																
4A24c	1	#4	33'-11 N"	2	0'-8"	33'-3 N"										
5A01	250	#5	5'-5"	2	0'-10"	4'-7"										
5A02	32	#5	6'-8"	17		3'-4"	3'-4"									
6A01	4	#6	15'-6"	2	1'-4"	13'-6"					1'-0"					
7A01	4	#7	28'-11 N"	2	1'-2"	27'-9 N"										
7A02	4	#7	29'-2"	2	1'-2"	28'-0"										
7A03	4	#7	29'-1"	2	1'-2"	26'-9"					1'-2"					
7A04	4	#7	29'-1"	2	1'-2"	27'-11"										
7A05	8	#7	28'-10"	2	1'-2"	26'-6"					1'-2"					
7A06	8	#7	28'-7"	2	1'-2"	26'-3"					1'-2"					
7A07	4	#7	29'-5"	2	1'-2"	27'-1"					1'-2"					
8A01	32	#8	29'-2"	2	1'-4"	26'-6"					1'-4"					
8A02	2	#8	29'-8"	2	1'-4"	27'-0"					1'-4"					
8A03	8	#8	34'-2"	2	1'-4"	31'-6"					1'-4"					
8A04	2	#8	29'-5"	2	1'-4"	26'-9"					1'-4"					
8A05	6	#8	29'-9"	2	1'-4"	27'-1"					1'-4"					
8A06	4	#8	29'-7"	2	1'-4"	26'-11"					1'-4"					
8A07	2	#8	28'-11"	2	1'-4"	26'-3"					1'-4"					
8A08	32	#8	7'-6"	2	1'-4"	6'-2"										
8A09	8	#8	8'-3"	2	1'-4"	6'-11"										
8A10	2	#8	21'-2"	2	1'-4"	18'-6"					1'-4"					
8A11	4	#8	8'-4"	2	1'-4"	7'-0"										
8A12	4	#8	34'-5"	2	1'-4"	33'-1"										
8A13	4	#8	13'-9"	2	1'-4"	12'-5"										
8A14	4	#9	15'-2"	2	1'-4"	13'-6"					1'-4"					
9A01	64	#9	29'-8"	2	1'-7"	26'-6"					1'-7"					
9A02	4	#9	30'-2"	2	1'-7"	27'-0"					1'-7"					
9A03	16	#9	34'-8"	2	1'-7"	31'-6"					1'-7"					
9A04	4	#9	29'-11"	2	1'-7"	26'-9"					1'-7"					
9A05	12	#9	30'-3"	2	1'-7"	27'-1"					1'-7"					
9A06	8	#9	30'-1"	2	1'-7"	26'-11"					1'-7"					
9A07	4	#9	29'-5"	2	1'-7"	26'-3"					1'-7"					
9A08a	1	#9	19'-11"			19'-11"										
Varies To																
9A08	1	#9	24'-8"			24'-8"										
9A09	4	#9	21'-8"	2	1'-7"	18'-6"					1'-7"					
10A01	3	#10	18'-11"	2	1'-10"	17'-1"										
10A02	3	#10	19'-0 R"	2	1'-10"	17'-2 R"										
10A03	3	#10	30'-5"	2	1'-10"	26'-9"					1'-10"					
10A04	3	#10	32'-6"	2	1'-10"	30'-8"										
10A05	6	#10	30'-2"	2	1'-10"	26'-6"					1'-10"					
10A06	6	#10	29'-11"	2	1'-10"	26'-3"					1'-10"					
10A07	3	#10	30'-9"	2	1'-10"	27'-1"					1'-10"					
10A08	4	#10	21'-5"	2	1'-10"	19'-7"										
10A09	4	#10	30'-10"	2	1'-10"	29'-0"										
11A01a	1	#11	24'-0"			24'-0"										
Varies To																
11A01m	1	#11	28'-9"			28'-9"										

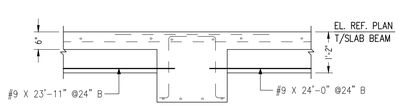
Bar list produced by RebarCAD 2022.0

T1 Hooks A & G optional	1 Hook G optional	2 Hook G optional	17	0
B, C, G, A, E, D	A, F, G, B	A, G, B	B, D, C	Length

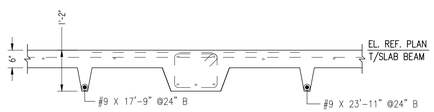


AREA-B LEVEL-2 COM SLAB REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02B

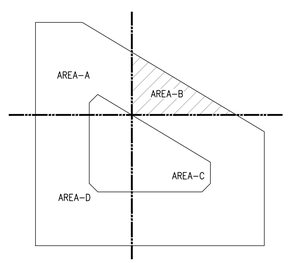


SECTION 1
Scale=1/2"=1'-0"
Ref. Dwg. =3/DK5.01



SECTION 2
Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01

LAP SCHEDULE		
SIZE	f'c 5000 PSI	
	TOP	OTHERS
#3	22"	17"
#4	29"	23"
#5	36"	28"
#6	44"	34"
#7	63"	49"
#8	72"	56"
#9	81"	63"
#10	92"	71"
#11	102"	78"



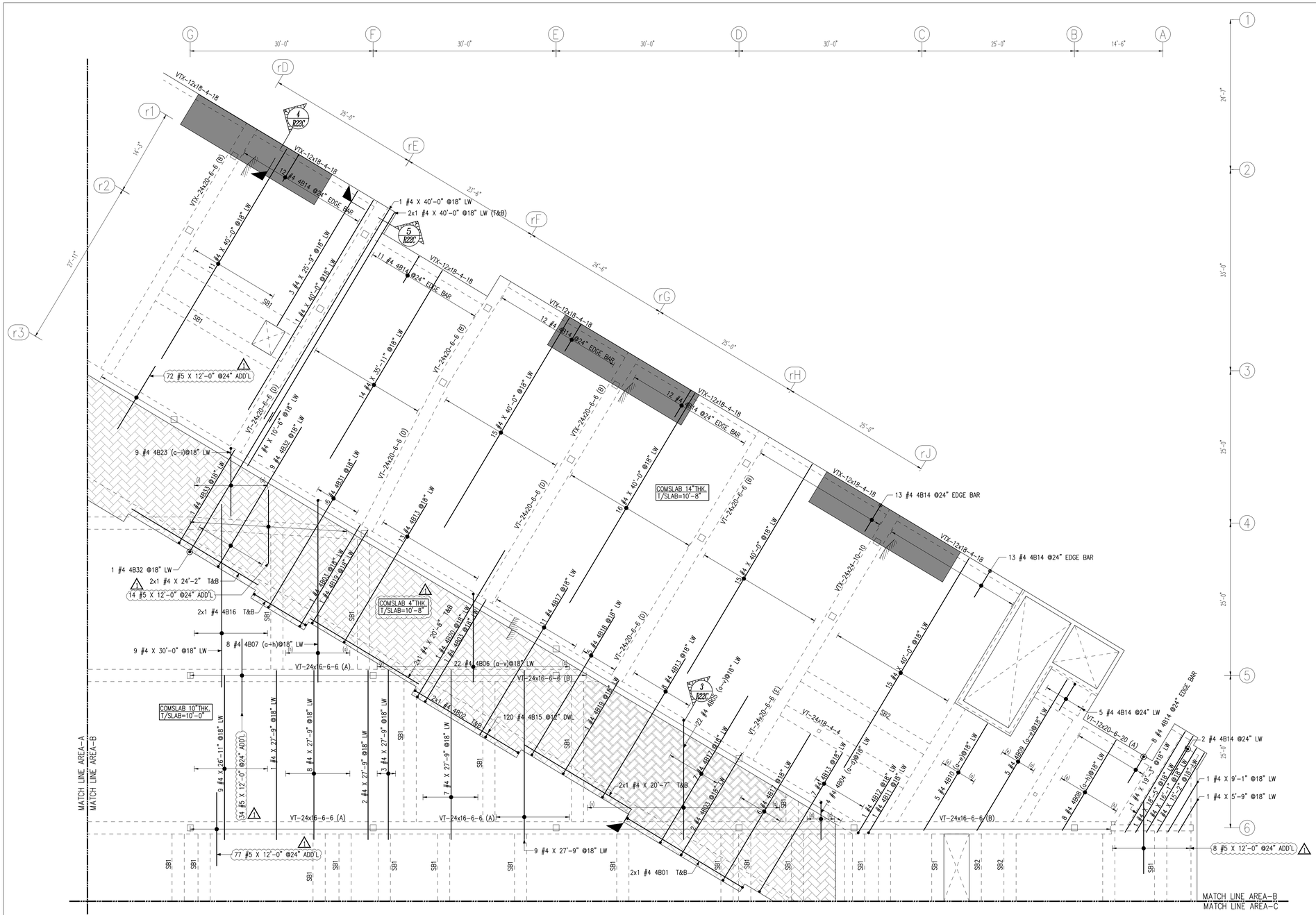
OVER ALL KEY PLAN
Scale=NTS

Release Number: R22A-R22D — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4801	2	#4	23'-4"	2	0'-5"	22'-0"					0'-8"					
4802	2	#4	21'-1"	2	0'-5"	19'-9"					0'-8"					
4803	4	#4	20'-0"	2	0'-5"	19'-4"										
4804a	1	#4	5'-4 X"	2	0'-5"	4'-8 X"										
Varies To																
4804d	1	#4	8'-1"	2	0'-5"	7'-5"										
4805a	1	#4	10'-9 X"	2	0'-5"	10'-1 X"										
Varies To																
4805v	1	#4	29'-8 X"	2	0'-5"	29'-0 X"										
4806a	1	#4	5'-8"	2	0'-5"	5'-0"										
Varies To																
4806v	1	#4	24'-3 X"	2	0'-5"	23'-11 X"										
4807a	1	#4	27'-4"	2	0'-5"	26'-8"										
Varies To																
4807h	1	#4	33'-7 X"	2	0'-5"	33'-11 X"										
4808a	1	#4	13'-7"			13'-7"										
Varies To																
4808h	1	#4	19'-11"			19'-11"										
4809a	1	#4	27'-0"			27'-0"										
Varies To																
4809e	1	#4	30'-7"			30'-7"										
4810a	1	#4	18'-7"			18'-7"										
Varies To																
4810e	1	#4	22'-2"			22'-2"										
4811	1	#4	10'-4"	2	0'-5"	9'-8"										
4812	1	#4	11'-3"	2	0'-5"	10'-7"										
4813	28	#4	27'-2"	2	0'-5"	26'-6"										
4814	91	#4	5'-8"	2	0'-5"	5'-0"										
4815	120	#4	1'-6"	2	0'-5"	0'-10"										
4816	2	#4	11'-2"	2	0'-5"	9'-10"					0'-8"					
4817	24	#4	28'-8"	2	0'-5"	28'-0"										
4818	5	#4	27'-1 X"	2	0'-5"	26'-5 X"										
4819	2	#4	18'-6"	2	0'-5"	17'-10"										
4820	1	#4	28'-7 X"	2	0'-5"	27'-11 X"										
4821a	1	#4	2'-1 X"	2	0'-5"	1'-5 X"										
Varies To																
4821p	1	#4	39'-7"	2	0'-5"	38'-11"										
4822a	1	#4	2'-9 X"	2	0'-5"	2'-1 X"										
Varies To																
4822p	1	#4	38'-0 X"	2	0'-5"	37'-4 X"										
4823e	1	#4	8'-2"	2	0'-5"	7'-6"										
Varies To																
4823t	1	#4	15'-4 X"	2	0'-5"	14'-8 X"										
4824	142	#4	5'-3"	11	0'-4 X"	1'-3"	1'-0"	1'-3"	1'-0"		0'-4 X"					
4825	1	#4	5'-6"	2	0'-5"	4'-2"					0'-8"					
4826	2	#4	8'-1"	2	0'-5"	6'-9"					0'-8"					
4827	1	#4	8'-5"	2	0'-5"	7'-4"					0'-8"					
4828	1	#4	9'-7"	2	0'-5"	8'-3"					0'-8"					
4829e	1	#4	6'-11"			6'-11"										
Varies To																
4829m	1	#4	39'-3"			39'-3"										
4830	4	#4	9'-1"	2	0'-5"	8'-5"										
4831	6	#4	28'-9"	2	0'-5"	28'-1"										
4832	10	#4	27'-4"	2	0'-5"	26'-8"										
4833	1	#4	18'-5"	2	0'-5"	17'-9"										
4834	47	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
4834	47	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
4834	47	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
4834	9	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
4834	43	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
4834	45	#4	4'-7"	11	0'-4 X"	0'-8"	1'-3"	0'-8"	1'-3"		0'-4 X"					
6801	5	#6	6'-4"	2	1'-0"	5'-4"										
6802	5	#6	2'-6"	2	1'-0"	1'-6"										
7801	4	#7	29'-4"	2	1'-2"	27'-0"					1'-2"					
8801	4	#8	29'-0"	2	1'-4"	26'-4"					1'-4"					
8802	6	#8	29'-2"	2	1'-4"	26'-6"					1'-4"					
8803	2	#8	28'-3"	2	1'-4"	25'-7"					1'-4"					
8804	2	#8	27'-3"	2	1'-4"	24'-7"					1'-4"					
8805	2	#8	9'-11 X"	2	1'-4"	7'-3 X"					1'-4"					
9801	8	#9	29'-6"	2	1'-7"	26'-4"					1'-7"					
9802	12	#9	29'-8"	2	1'-7"	26'-6"					1'-7"					
9803	4	#9	28'-9"	2	1'-7"	25'-7"					1'-7"					
9804	4	#9	27'-9"	2	1'-7"	24'-7"					1'-7"					
9805	4	#9	10'-5 X"	2	1'-7"	7'-3 X"					1'-7"					
9806a	1	#9	6'-8"			6'-8"										
Varies To																
9806d	1	#9	16'-8"			16'-8"										
9807a	1	#9	6'-2"			6'-2"										
Varies To																
9807q	1	#9	24'-11"			24'-11"										
9808a	1	#9	21'-11"			21'-11"										
Varies To																
9808m	1	#9	23'-5"			23'-5"										
9809a	1	#9	1'-10"			1'-10"										
Varies To																
9809q	1	#9	21'-1"			21'-1"										
10801	3	#10	30'-8"	2	1'-10"	27'-0"					1'-10"					

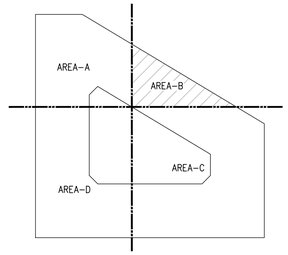
Bar list produced by ReBarCAD 2022.0

2	Hook G optional	O	Length	T1	Hooks A & G optional



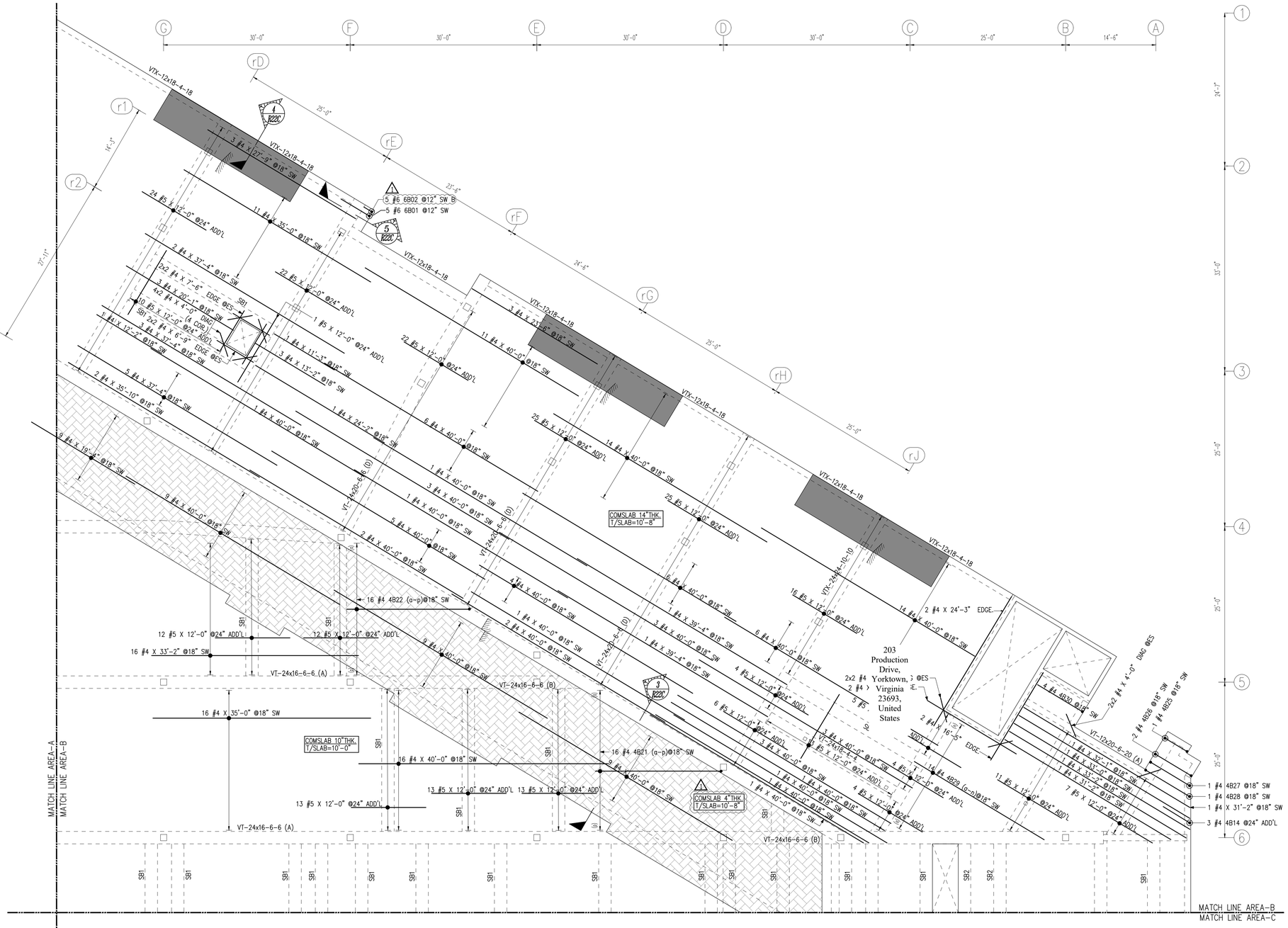
AREA-B LEVEL-2 LONG WAY SLAB REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02B



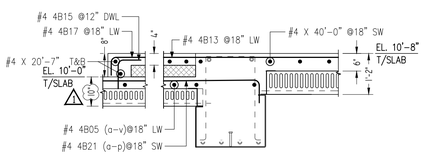
OVER ALL KEY PLAN

Scale=NTS

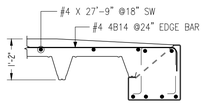


AREA-B LEVEL-2 SHORT WAY SLAB REINFORCEMENT DETAILS

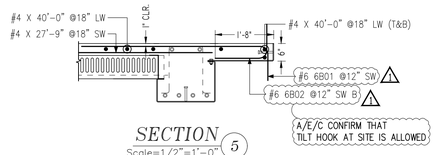
Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02B



SECTION 3
Scale=1/2"=1'-0"
Ref. Dwg. =1/DK5.02

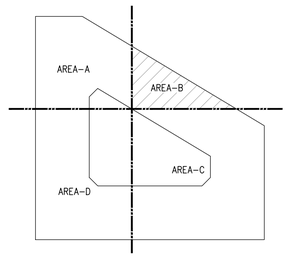


SECTION 4
Scale=1/2"=1'-0"
Ref. Dwg. =3/DK5.02

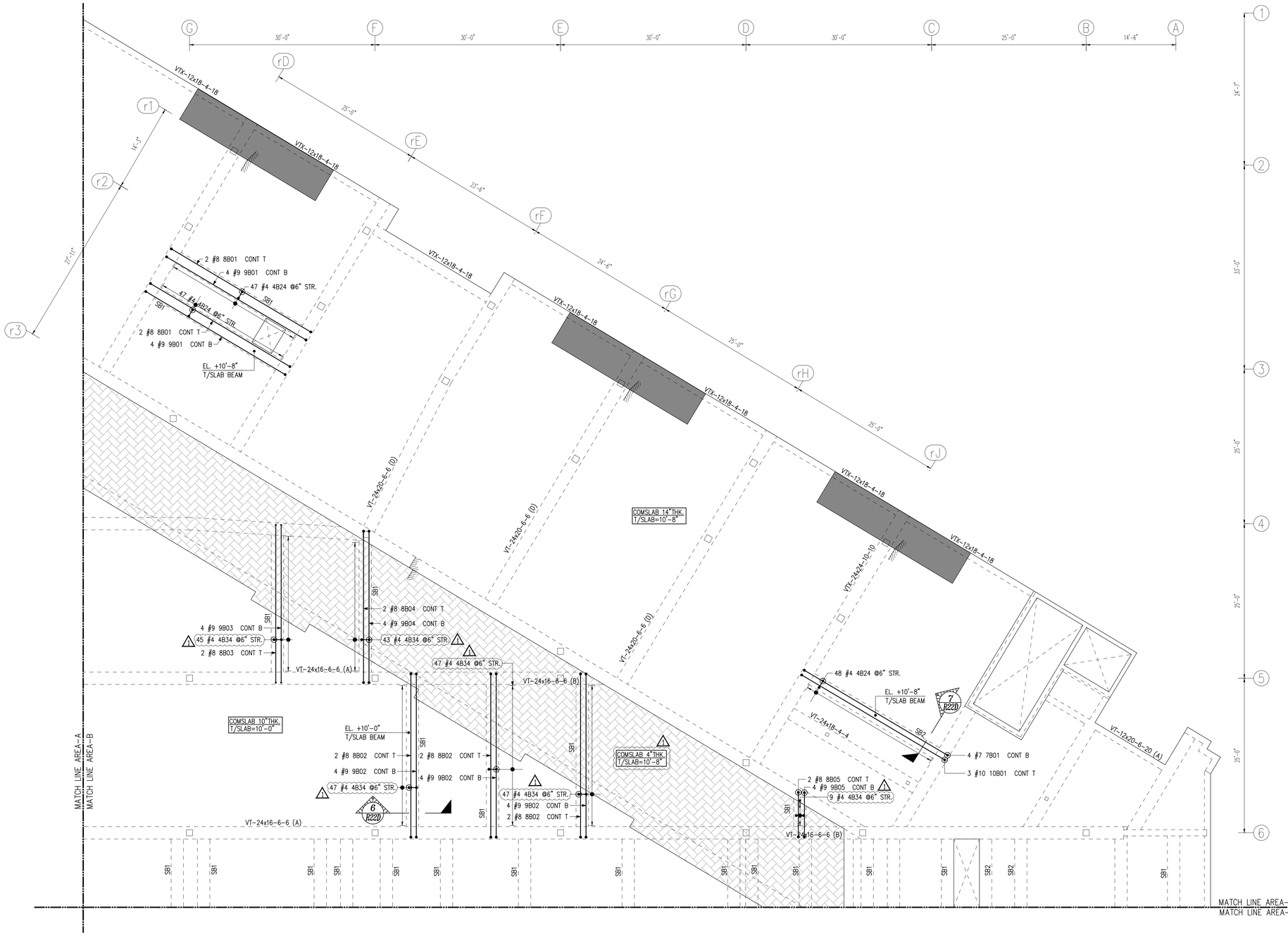


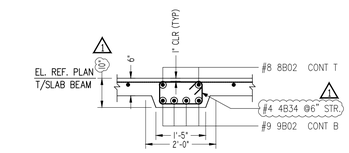
SECTION 5
Scale=1/2"=1'-0"
Ref. Dwg. =7/DK5.01

LAP SCHEDULE		
SIZE	5000 PSI	
	TOP	OTHERS
#3	22"	17"
#4	29"	23"
#5	36"	28"
#6	44"	34"
#7	63"	49"
#8	72"	56"
#9	81"	63"
#10	92"	71"
#11	102"	78"

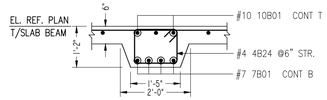


OVER ALL KEY PLAN
Scale=NTS





SECTION 6
Scale=1/2"=1'-0"
Ref. Dwg. =DK5.01

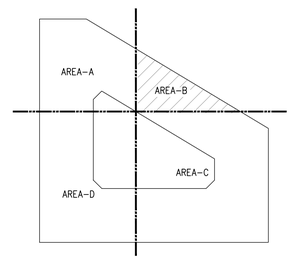


SECTION 7
Scale=1/2"=1'-0"
Ref. Dwg. =DK5.01

LAP SCHEDULE		
SIZE	5000 PSI	
	TOP	OTHERS
#3	22"	17"
#4	29"	23"
#5	36"	28"
#6	44"	34"
#7	63"	49"
#8	72"	56"
#9	81"	63"
#10	92"	71"
#11	102"	78"

AREA-B LEVEL-2 SLAB BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02B



OVER ALL KEY PLAN

Scale=NTS

AREA–A
AREA–D

AREA–A
AREA–B

AREA–B
AREA–C

AREA–D
AREA–C

VT–24x20–6–6 (A)
VT–24x20–6–6 (C)
VT–24x28–14–14
VT–24x16–6–6 (C)
VT–24x16–6–6 (A)

VTX–12x18–4–18
VTX–18x24–6–10

1 #9 X 10'–9" B.
30 #9 X 24'–0" @24" B.
5 #9 X 24'–0" @24" B. SB1
32 #9 X 24'–0" @24" B.

VT–24x20–6–6 (B)
VT–24x20–6–6 (C)
VTX–24x28–14–14
VT–24x16–6–6 (C)
VT–24x16–6–6 (A)
VT–24x16–6–6 (A)

COMSLAB 14"THK.
T/SLAB=10'–8"
32 #9 X 24'–0" @24" B.
3 #9 X 24'–0" @24" B. SB1
1 #9 X 24'–0" @24" B. SB1
COMSLAB 10"THK.
T/SLAB=10'–0"
15 #9 X 24'–0" @24" B.
1 #9 X 24'–0" @24" B. SB1
14 #9 X 24'–0" @24" B. SB1
SB1

VTX–24x20–6–6 (B)
VT–24x20–6–6 (C)
VT–24x16–6–6 (D)
VTX–24x30–4–20
VTX–24x30–4–20

32 #9 X 24'–0" @24" B.
5 #9 X 24'–0" @24" B. SB1
14 #9 X 24'–0" @24" B.
11 #9 X 24'–0" @24" B.
VTX–18x24–6–10
VT–24x30–4–20
COMSLAB 14"THK.
T/SLAB=9'–0"
7 #11 X 24'–0" @24" B.

VT–24x20–6–6 (B)
VT–24x20–6–6 (C)
VTX–24x28–14–14
VT–24x16–6–6 (D)
VTX–24x30–4–20
VTX–24x30–4–20

5 #9 X 24'–0" @24" B.
27 #9 X 24'–0" @24" B.
VTX–18x24–6–10
22 #9 X 24'–0" @24" B.
2 #9 X 24'–0" @24" B. SB1
12 #9 X 24'–0" @24" B.
8 #4 4C24 @12" EPOXY DWL
2 #4 X 6'–7" CONT.
2 #4 X 6'–7" CONT.
8 #4 4C24 @12" EPOXY DWL
COMSLAB 10"THK.
T/SLAB=10'–0"
COMSLAB 4"THK.
T/SLAB=10'–8"

VTX–24x20–6–6 (B)
VT–24x20–6–6 (C)
VT–24x24–6–10
VT–24x24–6–10
VT–24x24–6–10

1 #11 X 29'–0" @24" B.
SB1
24 #9 X 16'–0" @24" B.
8 #11 X 29'–0" @24" B.
8 #9 X 29'–0" @24" B.
8 #11 X 29'–0" @24" B.

VT–24x20–6–6 (B)
VT–24x20–6–6 (A)
VT–24x20–6–6 (C)
VT–24x20–6–6 (C)
VT–24x20–6–6 (C)
VT–24x20–6–6 (A)

3 #9 X 25'–0" @24" B.
5 #9 X 25'–0" @24" B. SB1
6 #9 X 25'–0" @24" B. SB1
3 #9 X 28'–2" @24" B. SB1
1 #9 X 24'–2" @24" B. SB1
2 #9 X 22'–2" @24" B. SB1
2 #9 X 26'–2" @24" B. SB1
SB1
13 #9C01 (a–m)@24" B.
13 #11C01 (a–m)@24" B.
12 #11 X 29'–0" @24" B.
COMSLAB 14"THK.
T/SLAB=10'–8"

VT–12x18–4–18
7 #9 X 22'–7" @24" B.
5 #9 X 18'–2" @24" B.
5 #9 X 13'–5" @24" B.
7 #11 X 29'–4" @24" B.
8 #9 X 25'–6" @24" B.
8 #11 X 32'–0" @24" B.
VTX–12x18–4–18
VTX–12x18–4–18
VTX–12x18–4–18
VTX–12x18–4–18

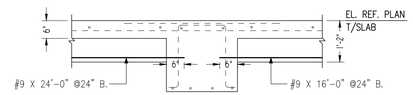
VTX–12x20–6–20 (A)
VT–12x20–6–20 (A)

6" 14'–0" 30'–0" 30'–0" 26'–6" 3'–6" 6" 24'–6" 5'–6"
M L K J H.1 H G.1 G F.2 F

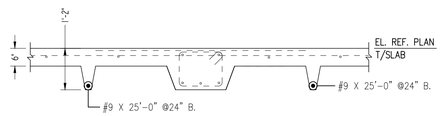
25'–0" 25'–0" 25'–0" 17'–0" 25'–6" 15'–6" 7'–1" 6"
5 6 7 8 9 10 12 13 14

AREA–D LEVEL–2 COM SLAB REINFORCEMENT DETAILS

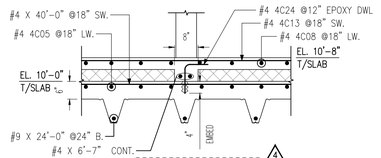
Scale=1/8"=1'–0"
Ref. Dwg. =DK2.02D



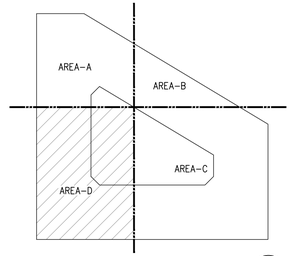
SECTION 1
Scale=1/2"=1'–0"
Ref. Dwg. =3/DK5.01



SECTION 2
Scale=1/2"=1'–0"
Ref. Dwg. =17/DK5.01



SECTION 3
Scale=1/2"=1'–0"



OVER ALL KEY PLAN
Scale=NTS

AREA-A / AREA-D | AREA-B / AREA-C

VT-24x20-6-6 (A) | VT-24x20-6-6 (C) | VT-24x28-14-14 | VT-24x16-6-6 (C) | VT-24x16-6-6 (A) | VT-24x16-6-6(A)

39 #4 X 13'-1" @18" LW. | VTX-12x18-4-18 | VTX-18x24-6-10 | 3 #4 X 40'-0" @18" LW. | 1 #4 X 25'-5" @18" LW. | 2 #4 X 40'-0" @18" LW. | SB1 | 18 #4 X 40'-0" @18" LW. | 2 #4 X 25'-5" @18" LW. | 1 #4 X 40'-0" @18" LW. | 17 #4 X 40'-0" @18" LW. | 1 #4 X 25'-5" @18" LW.

3 #4 4C03 @24" EDGE. | VT-12x18-4-18 | 25'-0"

VT-24x20-6-6 (B) | 33 #5 X 12'-0" @24" ADD'L | VTX-24x28-14-14 | VT-24x16-6-6 (C) | 37 #5 X 12'-0" @24" ADD'L | VT-24x16-6-6 (A)

3 #4 X 36'-9" @18" LW. | 39 #4 X 40'-0" @18" LW. | COMSLAB 10"THK. T/SLAB=10'-0" | COMSLAB 14"THK. T/SLAB=10'-8" | 25'-0"

VTX-24x20-6-6 (B) | 34 #5 X 12'-0" @24" ADD'L | 37 #5 X 12'-0" @24" ADD'L | VTX-24x30-4-20 | 7 #4 4C09 @18" LW. | 25'-0"

18 #4 X 40'-0" @18" LW. | 1 #4 X 28'-6" @18" LW. | 9 #4 4C17 @18" LW. | COMSLAB 14"THK. T/SLAB=9'-0" | 35 #4 X 40'-0" @18" LW. | 3 #4 X 40'-0" @18" LW. | VTX-18x24-6-10 | 2 #4 X 26'-2" @18" LW. | 1 #4 X 26'-2" @18" LW. | 2 #4 X 40'-0" @18" LW. | 1 #4 X 40'-0" @18" LW. | 5 #4 X 40'-0" @18" LW. | 1 #4 X 37'-4" @18" LW. | 2 #4 X 40'-0" @18" LW. | 1 #4 X 40'-0" @18" LW. | VT-24x30-4-20

VT-24x20-6-6 (B) | 34 #5 X 12'-0" @24" ADD'L | VTX-24x28-14-14 | 31 #5 X 12'-0" @24" ADD'L | VTX-24x30-4-20 | VTX-24x30-4-20

4 #4 4C01 @18" LW. | 2 #4 4C08 @18" LW. | 28 #4 4C08 @18" LW. | 3 #4 4C08 @18" LW. | 10 #4 4C01 @18" LW. | 4 #4C18 (a-g)@18" LW. | 1 #4 4C06 @18" LW. | 1 #4 4C05 @18" LW. | 2 #4 4C06 @18" LW. | COMSLAB 10"THK. T/SLAB=10'-0" | COMSLAB 4"THK. T/SLAB=10'-8" | VT-24x24-6-10

VTX-12x18-4-18 | 25'-0" | 17'-0" | 25'-0" | 25'-6" | 15'-6" | 7'-1" | 6'

26 #5 X 12'-0" @24" ADD'L | 11 #4 X 40'-0" @18" LW. | 1 #4 X 30'-1" @18" LW. | 2 #4 X 17'-10" @18" LW. | 4 #4 X 30'-1" @18" LW. | 2 #4 X 40'-0" @18" LW. | VT-24x20-6-6 (C) | 6 #4 4C10 @18" LW. | 12 #4 4C11 @18" LW. | 9 #4 4C11 @18" LW. | 1'-11" LAP (TYP).

VT-24x20-6-6 (B) | 26 #5 X 12'-0" @24" ADD'L | 1 #4 X 4'-7" @18" LW. | VT-24x20-6-6 (A) | 3 #4 X 17'-5" @18" LW. | 6 #4 X 29'-10" @18" LW. | 1 #4 X 40'-0" @18" LW. | 2 #4 X 22'-3" @18" LW. | 2 #4 X 18'-4" @18" LW. | COMSLAB 14"THK. T/SLAB=10'-8" | 18 #4 X 32'-11" @18" LW. | 16 #4 X 32'-11" @18" LW. | 18 #4 X 32'-11" @18" LW. | 1 #4 X 17'-10" @18" LW. | 1 #4 X 28'-9" @18" LW. | 1 #4 X 39'-7" @18" LW.

3 #4 4C03 @24" EDGE. | 1 #4 X 23'-10" @18" LW. | 6 #4 X 40'-0" @18" LW. | 2 #4 X 17'-1" LW. | 1 #4 X 15'-5" @18" LW. | 6 #4 4C03 @24" EDGE. | 11 #4 4C03 @24" EDGE. | 14 #4 4C03 @24" EDGE. | 12 #4 4C03 @24" EDGE. | 6 #4 4C03 @24" EDGE.

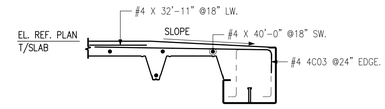
6 #4 X 23'-10" @18" LW. | 4 #4 X 38'-9" @18" LW. | 2 #4 X 19'-5" @18" LW. | 1 #4 X 40'-0" @18" LW. | 8 #4 4C03 @24" EDGE. | 7 #4 4C03 @24" EDGE.

6" | 14'-0" | 30'-0" | 30'-0" | 26'-6" | 3'-6" | 29'-6" | 6" | 24'-6" | 5'-6"

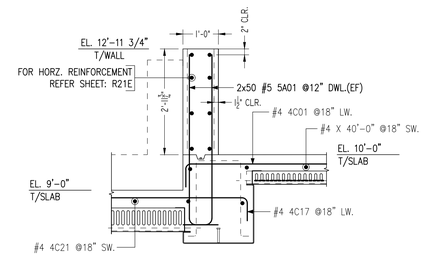
M | L | K | J | H.1 | H | G.1 | G | F.2 | F

AREA-D LEVEL-2 SLAB LONG WAY REINFORCEMENT DETAILS

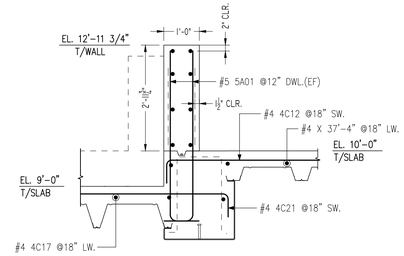
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Ref. Dwg. =DK2.02D



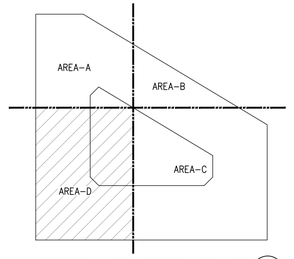
SECTION 4
Scale=1/2"=1'-0"
Ref. Dwg. =3/DK5.02



SECTION 5
Scale=1/2"=1'-0"
Ref. Dwg. =5/DK5.02



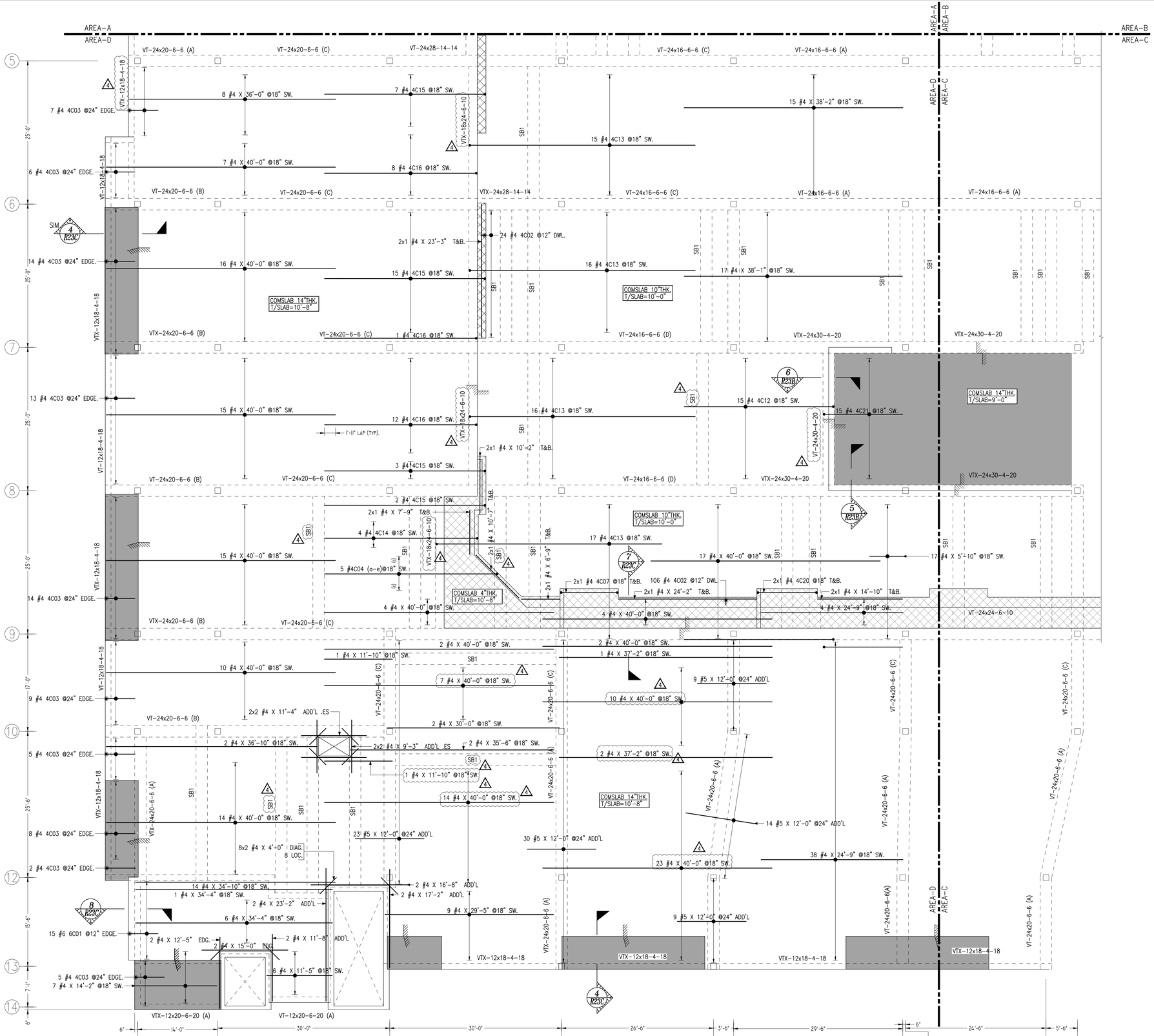
SECTION 6
Scale=1/2"=1'-0"
Ref. Dwg. =4/DK5.02

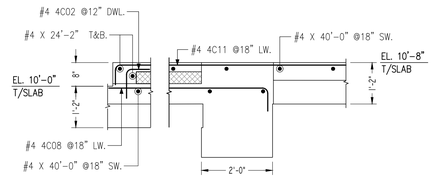


OVER ALL KEY PLAN
Scale=NTS

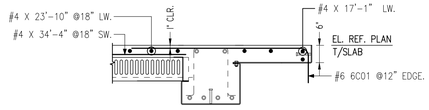
AREA–D LEVEL–2 SLAB SHORT WAY BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'–0"
Ref. Dwg. =DK2.02D

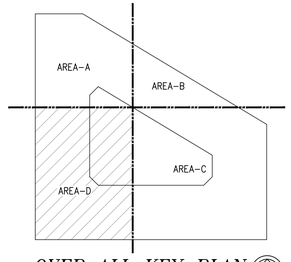




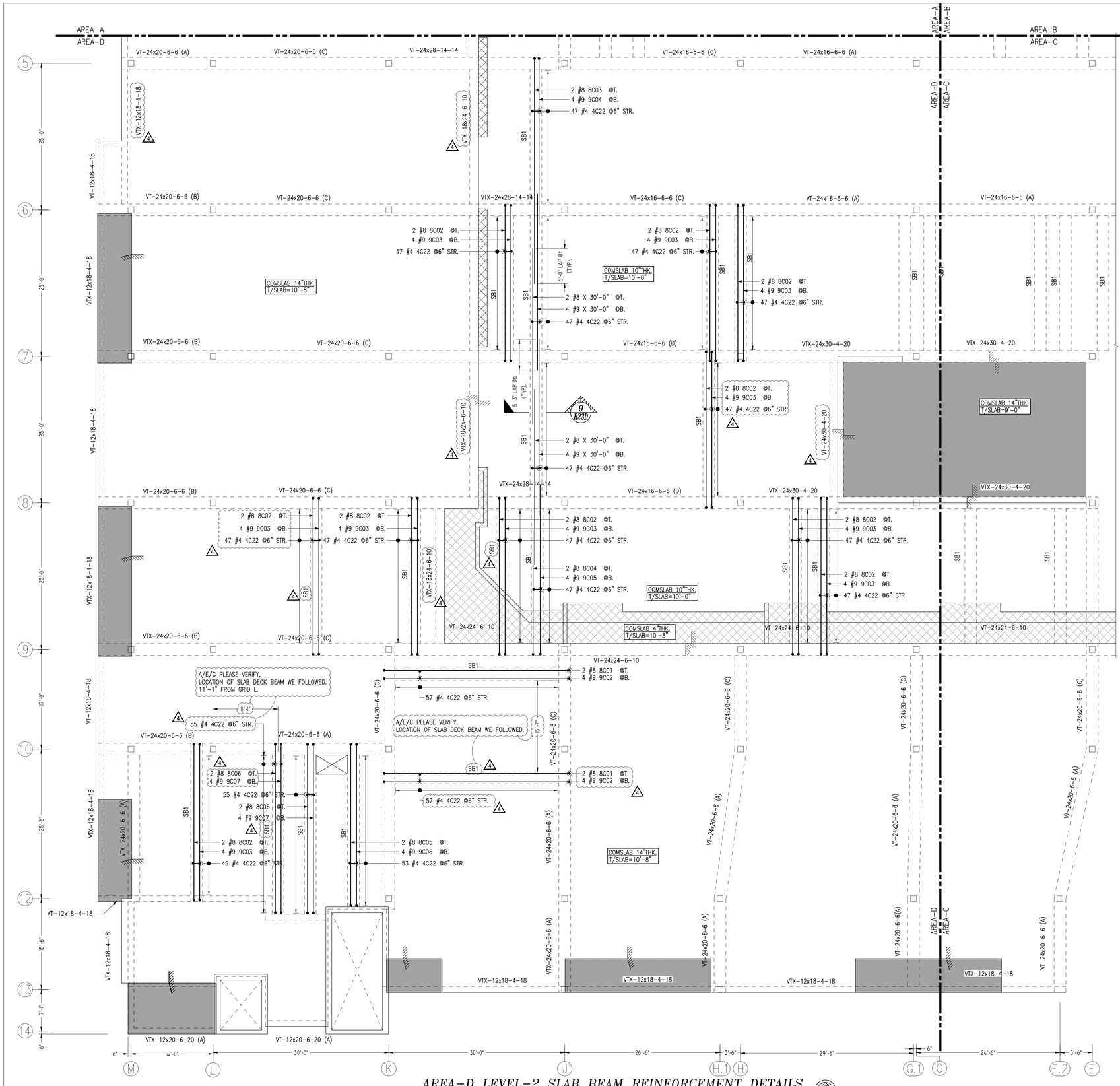
SECTION 7
Scale=1/2"=1'–0"
Ref. Dwg. =1/DK5.02



SECTION 8
Scale=1/2"=1'–0"
Ref. Dwg. =7/DK5.01



OVER ALL KEY PLAN

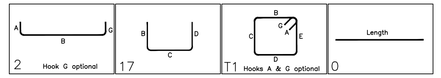


AREA-D LEVEL-2 SLAB BEAM REINFORCEMENT DETAILS

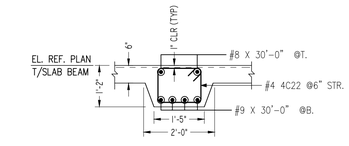
Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02D

Release Number: R23A-R23D					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4D01	14	#4	28'-0"	2	0'-8"	26'-8"						0'-8"				
4D02	130	#4	5'-6"	17	0'-8"	5'-0"	0'-10"									
4D03	153	#4	5'-8"	2	0'-8"	5'-0"										
4D04a	1	#4	27'-10"	2	0'-8"	27'-2"										
Varies To																
4D04e	1	#4	33'-10"	2	0'-8"	33'-2"										
4D05	1	#4	8'-8"	2	0'-8"	8'-0"										
4D06	3	#4	7'-4"	2	0'-8"	6'-8"										
4D07	2	#4	11'-2"	2	0'-8"	9'-10"						0'-8"				
4D08	35	#4	25'-3"	2	0'-8"	24'-7"										
4D09	7	#4	13'-5"	2	0'-8"	12'-9"										
4D10	14	#4	35'-9"	2	0'-8"	35'-1"										
4D11	35	#4	34'-3"	2	0'-8"	33'-7"										
4D12	15	#4	26'-8 X"	2	0'-8"	26'-0 X"										
4D13	64	#4	40'-0"	2	0'-8"	39'-4"										
4D14	4	#4	27'-4"	2	0'-8"	26'-8"										
4D15	27	#4	28'-8"	2	0'-8"	28'-0"										
4D16	2	#4	27'-2"	2	0'-8"	26'-6"										
4D17	9	#4	27'-10"	2	0'-8"	26'-8"						0'-8"				
4D18a	1	#4	9'-8"	2	0'-8"	9'-0"										
Varies To																
4D18d	1	#4	13'-8"	2	0'-8"	13'-0"										
4D19	1	#4	35'-7"	2	0'-8"	34'-11"										
4D20	2	#4	11'-7"	2	0'-8"	10'-11"						0'-8"				
4D21	15	#4	14'-4 X"	2	0'-8"	13'-8 X"										
4D22	937	#4	5'-3"	T1	0'-4 X"	1'-3"	1'-0"	1'-3"	1'-0"			0'-4 X"				
4D23	2	#4	34'-5"	2	0'-8"	33'-9"										
4D24	16	#4	1'-6"	2	0'-8"	0'-10"										
5A01	100	#5	5'-1 X"	2	0'-10"	4'-9 X"										
6D01	15	#6	6'-0"	2	1'-0"	5'-0"										
8D01	4	#8	34'-4"	2	1'-4"	31'-8"						1'-4"				
8D02	20	#8	29'-4"	2	1'-4"	26'-8"						1'-4"				
8D03	2	#8	38'-9"	2	1'-4"	36'-5"										
8D04	2	#8	23'-8"	2	1'-4"	21'-4"										
8D05	2	#8	30'-3"	2	1'-4"	27'-7"						1'-4"				
8D06	4	#8	31'-6"	2	1'-4"	28'-10"						1'-4"				
9D01a	1	#9	25'-6"			25'-6"										
Varies To																
9D01m	1	#9	28'-10"			28'-10"										
9D02	8	#9	34'-10"	2	1'-7"	31'-8"						1'-7"				
9D03	40	#9	29'-10"	2	1'-7"	26'-8"						1'-7"				
9D04	4	#9	30'-0"	2	1'-7"	28'-5"										
9D05	4	#9	30'-6"	2	1'-7"	28'-11"										
9D06	4	#9	30'-3"	2	1'-7"	27'-7"						1'-7"				
9D07	8	#9	32'-0"	2	1'-7"	28'-10"						1'-7"				
11D01a	1	#11	29'-1"			29'-1"										
Varies To																
11D01m	1	#11	31'-11"			31'-11"										

Bar list produced by RebarCAD 2022.0

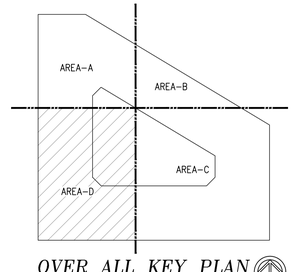


LAP SCHEDULE	
SIZE	5000 PSI
	TOP / OTHERS
#3	22" / 17"
#4	29" / 23"
#5	36" / 28"
#6	44" / 34"
#7	63" / 49"
#8	72" / 56"
#9	81" / 63"
#10	92" / 71"
#11	102" / 78"

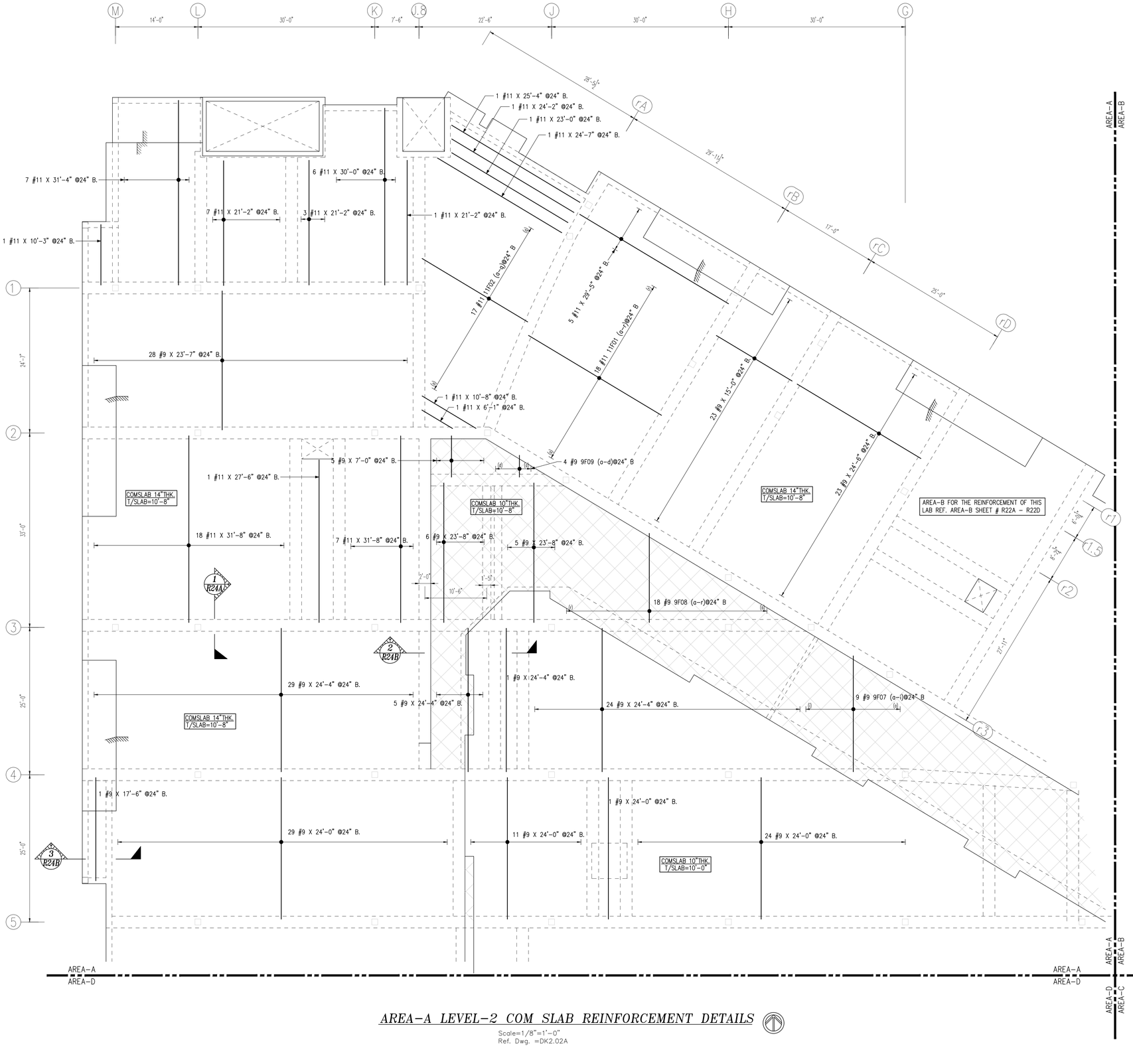


SECTION 9

Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01



OVER ALL KEY PLAN



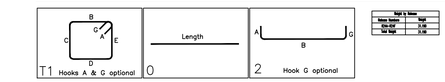
AREA-A LEVEL-2 COM SLAB REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02A

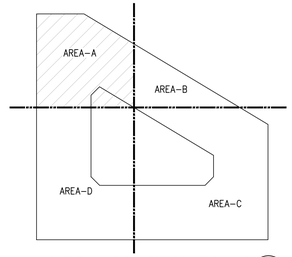
Release Number: R24A-R24F — BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4F01	542	#4	5'-3"	T1	0'-4 X	1'-3"	1'-0"	1'-3"	1'-0"		0'-4 X					
4F02a	1	#4	31'-4"			31'-4"										
Varies To																
4F02c	1	#4	36'-4"			36'-4"										
4F03	4	#4	19'-11 K"	2	0'-8"	19'-3 K"										
4F04a	1	#4	8'-9"			8'-9"										
Varies To																
4F04d	1	#4	18'-11"			18'-11"										
4F05a	1	#4	30'-8"			30'-8"										
Varies To																
4F05d	1	#4	38'-2"			38'-2"										
4F06a	1	#4	2'-3"			2'-3"										
Varies To																
4F06e	1	#4	12'-5"			12'-5"										
4F07	1	#4	37'-6"	2	0'-8"	36'-10"										
4F08	1	#4	31'-5 K"	2	0'-8"	30'-9 K"										
4F09	4	#4	26'-10 K"	2	0'-8"	26'-2 K"										
4F10a	1	#4	16'-9"			16'-9"										
Varies To																
4F10b	1	#4	35'-9"			35'-9"										
4F11	133	#4	5'-8"	2	0'-8"	5'-0"										
4F12a	1	#4	2'-8"			2'-8"										
Varies To																
4F13	1	#4	10'-9"			10'-9"										
4F13	16	#4	25'-8 K"	2	0'-8"	25'-0 K"										
4F14	4	#4	11'-2"	2	0'-8"	9'-10"						6"-8"				
4F15	2	#4	28'-5"	2	0'-8"	27'-8"						0'-8"				
4F16	133	#4	1'-5"	2	0'-8"	0'-9"										
4F17	3	#4	10'-2 K"	2	0'-8"	9'-6 K"										
4F18a	1	#4	6'-0"	2	0'-8"	5'-4"										
Varies To																
4F18cm	1	#4	39'-7"	2	0'-8"	38'-11"										
4F19	5	#4	22'-4"	2	0'-8"	21'-8"										
4F20a	1	#4	2'-8 X"	2	0'-8"	2'-0 K"										
Varies To																
4F20k	1	#4	27'-8 K"	2	0'-8"	27'-0 K"										
4F21a	1	#4	32'-8 K"	2	0'-8"	32'-0 K"										
Varies To																
4F21d	1	#4	40'-2 K"	2	0'-8"	39'-6 K"										
4F22a	1	#4	4'-7 K"	2	0'-8"	3'-11 K"										
Varies To																
4F23	1	#4	32'-2"	2	0'-8"	31'-6"										
4F23a	1	#4	16'-3 X"	2	0'-8"	16'-11 X"						0'-8"				
Varies To																
4F23d	1	#4	25'-9 X"	2	0'-8"	24'-5 X"						0'-8"				
4F24a	1	#4	30'-9 X"	2	0'-8"	29'-5 X"						0'-8"				
Varies To																
4F24d	1	#4	38'-3 X"	2	0'-8"	36'-11 X"						0'-8"				
4F25	27	#4	40'-0"	2	0'-8"	39'-4"										
4F26a	1	#4	2'-3"			2'-3"										
Varies To																
4F26n	1	#4	34'-9"			34'-9"										
4F27a	1	#4	26'-4 X"	2	0'-8"	25'-8 X"										
Varies To																
4F27c	1	#4	30'-7 X"	2	0'-8"	29'-11 X"										
4F28	18	#4	24'-0 X"	2	0'-8"	23'-4 X"										
4F29	10	#4	25'-6"	2	0'-8"	24'-10"										
4F30	4	#4	21'-5 X"	2	0'-8"	20'-9 X"										
4F31a	1	#4	5'-2"			5'-2"										
Varies To																
4F31v	1	#4	24'-1"			24'-1"										
4F32	9	#4	24'-2 X"	2	0'-8"	23'-6 X"										
4F33	8	#4	27'-2 X"	2	0'-8"	26'-6 X"										
4F34	8	#4	28'-8"	2	0'-8"	28'-0"										
4F35	2	#4	18'-8 X"	2	0'-8"	17'-10 X"										
4F36a	1	#4	2'-3 X"	2	0'-8"	1'-7 X"										
Varies To																
4F36i	1	#4	9'-6"	2	0'-8"	8'-10"										
4F37	17	#4	1'-6"	2	0'-8"	0'-10"										
7F01	4	#7	26'-2"	2	1'-2"	23'-10"						1'-2"				
7F02	4	#7	25'-2"	2	1'-2"	22'-10"						1'-2"				
8F01	2	#8	27'-5"	2	1'-4"	24'-9"						1'-4"				
8F02	2	#8	28'-5"	2	1'-4"	25'-9"						1'-4"				
8F03	4	#8	29'-4"	2	1'-4"	26'-8"						1'-4"				
8F04	4	#8	29'-8"	2	1'-4"	27'-0"						1'-4"				
8F05	4	#8	37'-0"	2	1'-4"	34'-4"						1'-4"				
8F06	2	#8	29'-0"	2	1'-4"	26'-4"						1'-4"				
8F07	8	#8	7'-11"	2	1'-4"	6'-7"										
9F01	4	#9	27'-11"	2	1'-7"	24'-9"						1'-7"				
9F02	4	#9	28'-11"	2	1'-7"	25'-9"						1'-7"				
9F03	8	#9	29'-10"	2	1'-7"	26'-8"						1'-7"				
9F04	8	#9	30'-2"	2	1'-7"	27'-0"						1'-7"				
9F05	8	#9	37'-8"	2	1'-7"	34'-4"						1'-7"				
9F06	4	#9	29'-6"	2	1'-7"	26'-4"						1'-7"				
9F07a	1	#9	14'-10"			14'-10"										
Varies To																
9F07t	1	#9	24'-5"			24'-5"										
9F08a	1	#9	3'-1"			3'-1"										
Varies To																
9F08r	1	#9	23'-6"			23'-6"										
9F09a	1	#9	2'-5"			2'-5"										
Varies To																
9F09d	1	#9	6'-1"			6'-1"										
10F01	3	#10	26'-6"	2	1'-10"	22'-10"						1'-10"				
10F02	3	#10	27'-6"	2	1'-10"	23'-10"						1'-10"				
11F01a	1	#11	23'-7"			23'-7"										
Varies To																
11F01r	1	#11	29'-4"			29'-4"										
11F02a	1	#11	13'-3"			13'-3"										
Varies To																
11F02q	1	#11	27'-0"			27'-0"										
8F07	5	#8	7'-11"	2	1'-4"	6'-7"										
8F08	1	#8	5'-10 K"	2	1'-4"	4'-6 K"										
8F09	1	#8	4'-3 K"	2	1'-4"	2'-11 K"										
8F10	1	#8	2'-7 K"	2	1'-4"	1'-3 K"										

Bar list produced by RebarCAD 2022.0

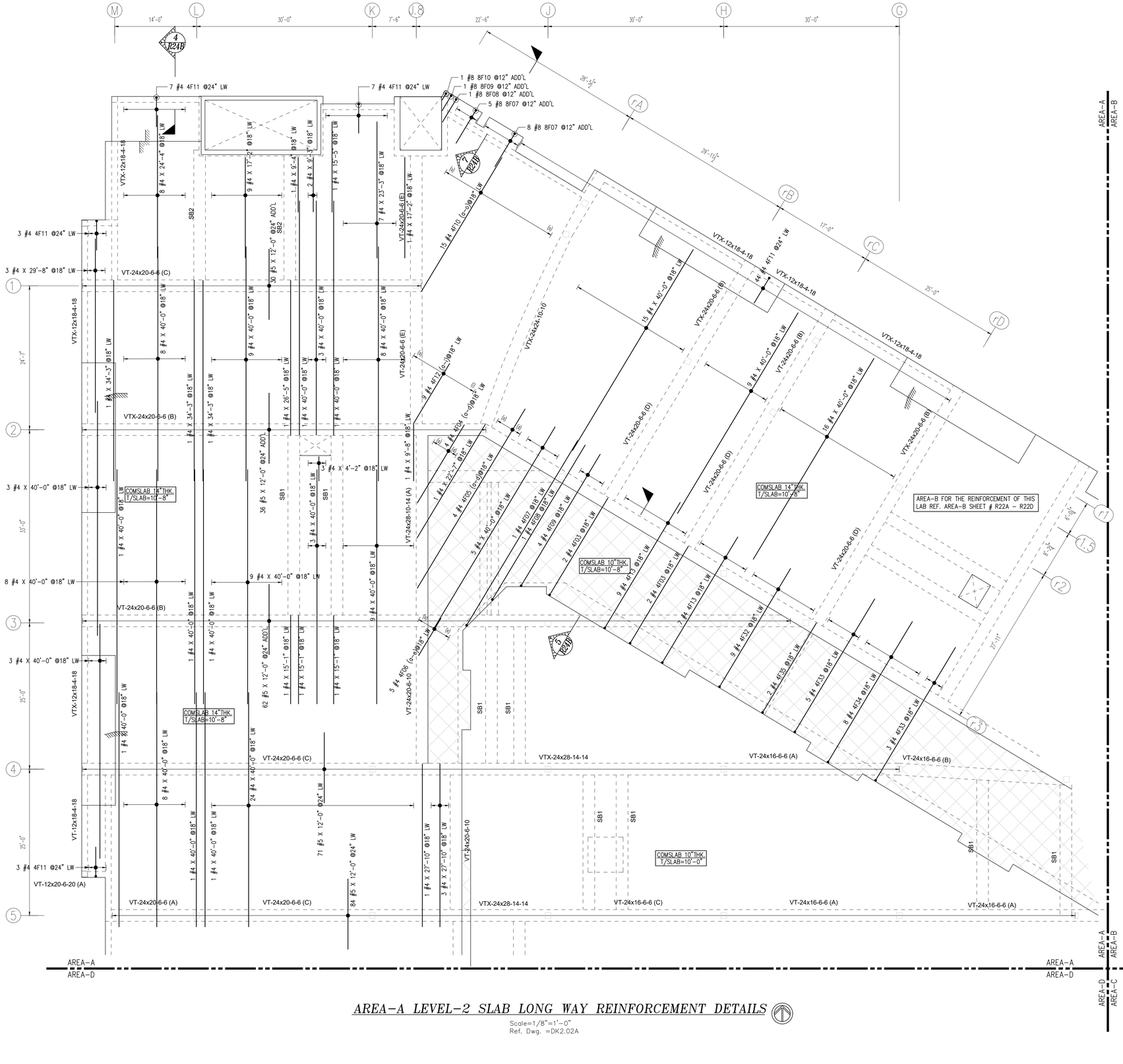


Weight by Diameter	
#4 to #7	Weight
#8 to #11	Length
#14 Weight	Length



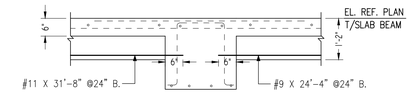
OVER ALL KEY PLAN

Scale=NTS



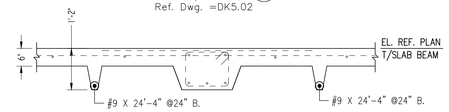
AREA–A LEVEL–2 SLAB LONG WAY REINFORCEMENT DETAILS

Scale=1/8"=1'–0"
Ref. Dwg. =DK2.02A



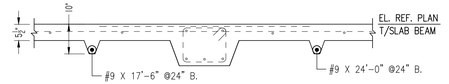
SECTION 1

Scale=1/2"=1'–0"
Ref. Dwg. =DK5.02



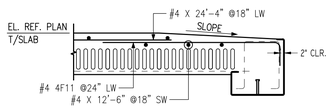
SECTION 2

Scale=1/2"=1'–0"
Ref. Dwg. =DK5.02



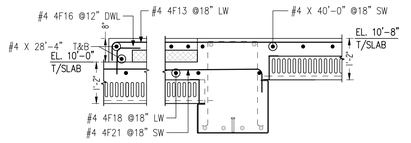
SECTION 3

Scale=1/2"=1'–0"
Ref. Dwg. =DK5.02



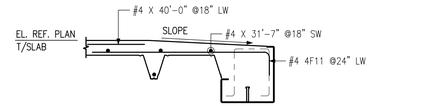
SECTION 4

Scale=1/2"=1'–0"
Ref. Dwg. =3/DK5.02



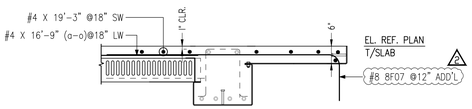
SECTION 5

Scale=1/2"=1'–0"
Ref. Dwg. =1/DK5.02



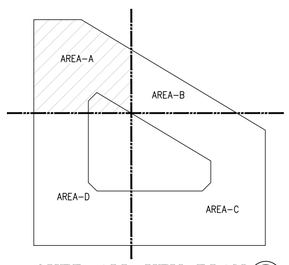
SECTION 6

Scale=1/2"=1'–0"
Ref. Dwg. =3/DK5.02



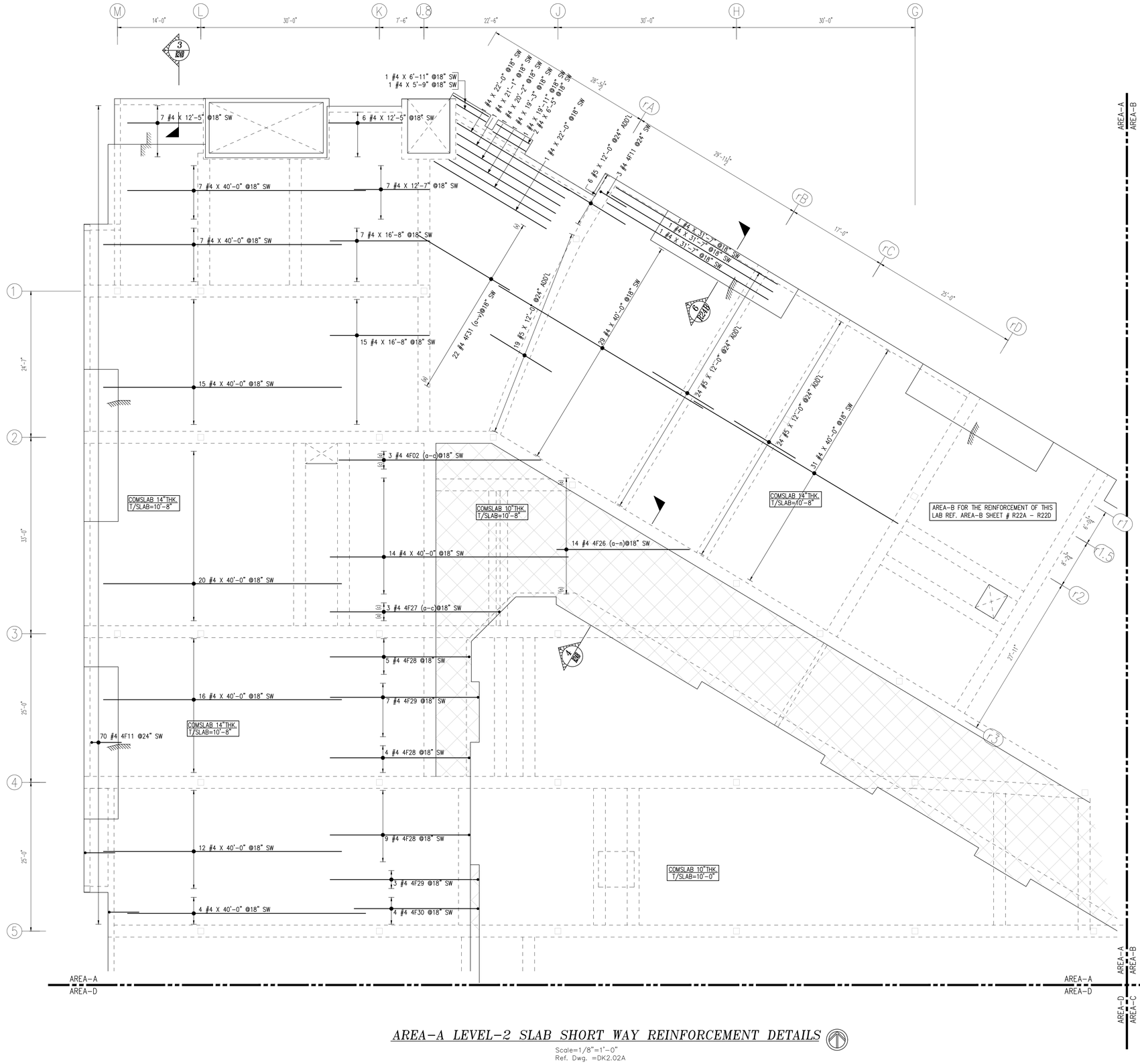
SECTION 7

Scale=1/2"=1'–0"
Ref. Dwg. =7/DK5.01



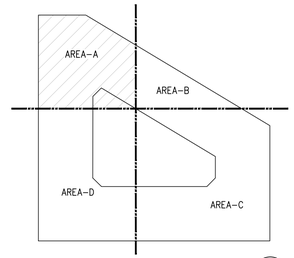
OVER ALL KEY PLAN

Scale=NTS



AREA-A LEVEL-2 SLAB SHORT WAY REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02A



OVER ALL KEY PLAN

Scale=NTS

M L K J.8 J H G

rA rB rC rD r1 r1.5 r2 r3

1 2 3 4 5

AREA-A
AREA-B

8 #4 X 2'-3" @18" DWL

9 #4 4F36 (a-i)@18" LW

5 #4 4F19 @18" LW
3 #4 4F17 @18" LW

3 #4 X 40'-0" @18" LW
2 #4 X 40'-0" @18" LW
1 #4 X 40'-0" @18" LW
2x1 #4 X 14'-4" T&B
39 #4 X 2'-3" @18" DWL

3 #4 X 40'-0" @18" LW
2x1 #4 X 10'-7" T&B
2x1 #4 4F14 T&B.
2x1 #4 X 7'-7" T&B

7 #4 X 40'-0" @18" LW
3 #4 X 40'-0" @18" LW
1 #4 X 27'-10" @18" LW
2 #4 X 40'-0" @18" LW
1 #4 X 26'-10" @18" LW

1 #4 X 26'-10" @18" LW
5 #4 X 40'-0" @18" LW
2x1 #4 X 10'-7" T&B
2x1 #4 4F15 T&B.

44 #4 X 2'-3" @18" DWL

2 #4 X 15'-9" CONT.

39 #4 4F18 (a-am)@18" LW

2x1 #4 X 28'-4" T&B

17 #4 4F37 @12" EPOXY BAR

3 #4 X 40'-0" @18" LW

2x1 #4 4F14 T&B.

32 #4 X 40'-0" @18" LW

COMSLAB 14"THK.
T/SLAB=10'-8"

COMSLAB 10"THK.
T/SLAB=10'-8"

COMSLAB 14"THK.
T/SLAB=10'-8"

COMSLAB 14"THK.
T/SLAB=10'-8"

COMSLAB 10"THK
T/SLAB=10'-0"

AREA-B FOR THE REINFORCEMENT OF THIS
LAB REF. AREA-B SHEET # R22A - R22D

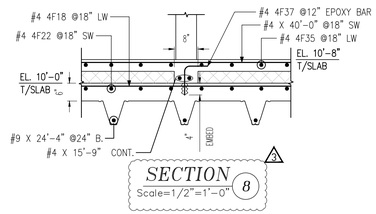
SB1 SB1

AREA-A
AREA-D

AREA-A
AREA-D

AREA-B
AREA-C

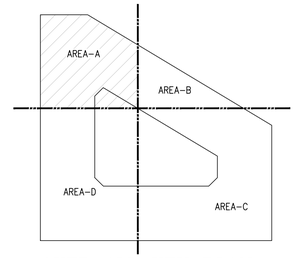
AREA-D
AREA-C



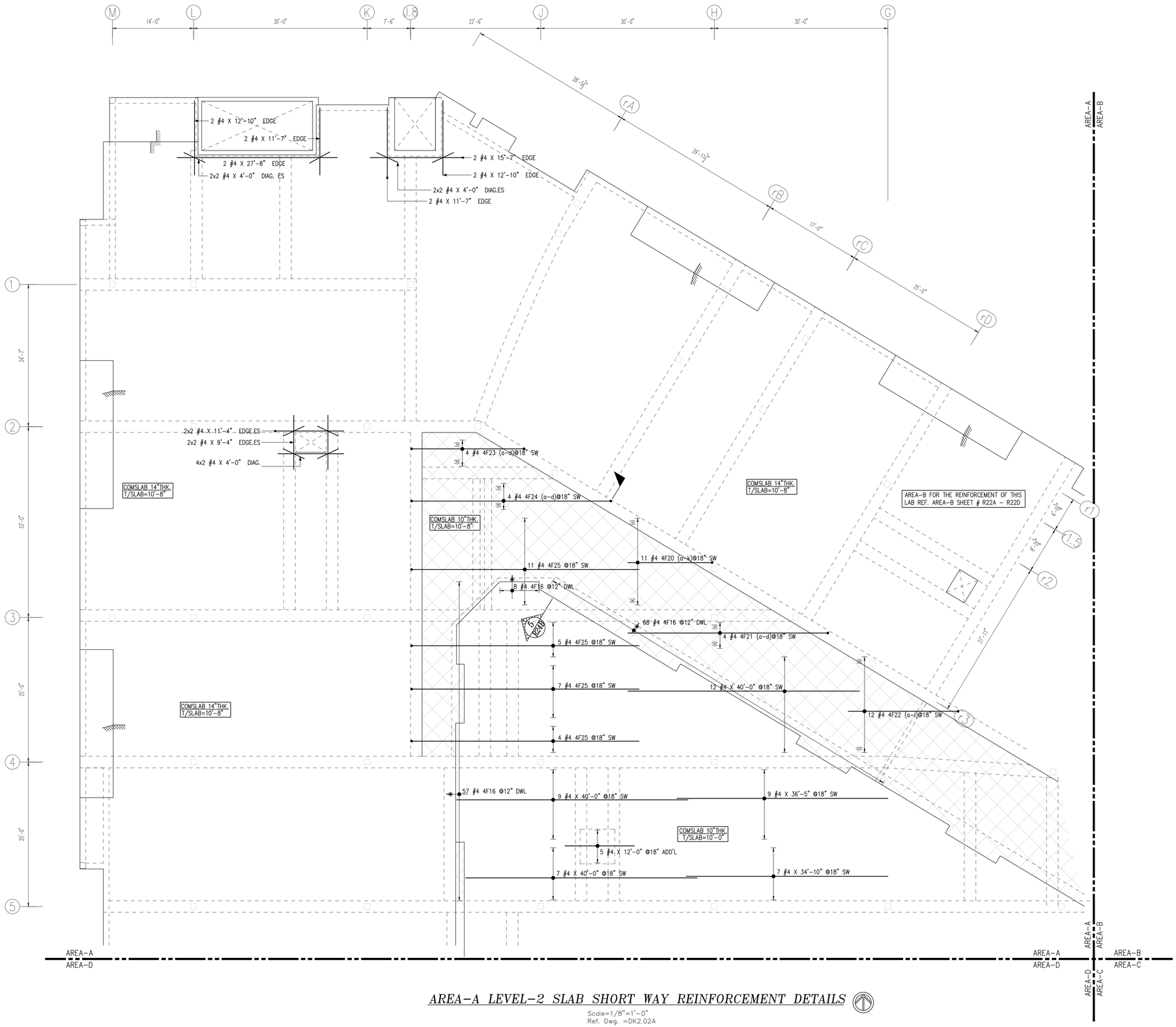
SECTION 8
Scale=1/2"=1'-0"

AREA-A LEVEL-2 SLAB LONG WAY REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02A



OVER ALL KEY PLAN
Scale=NTS

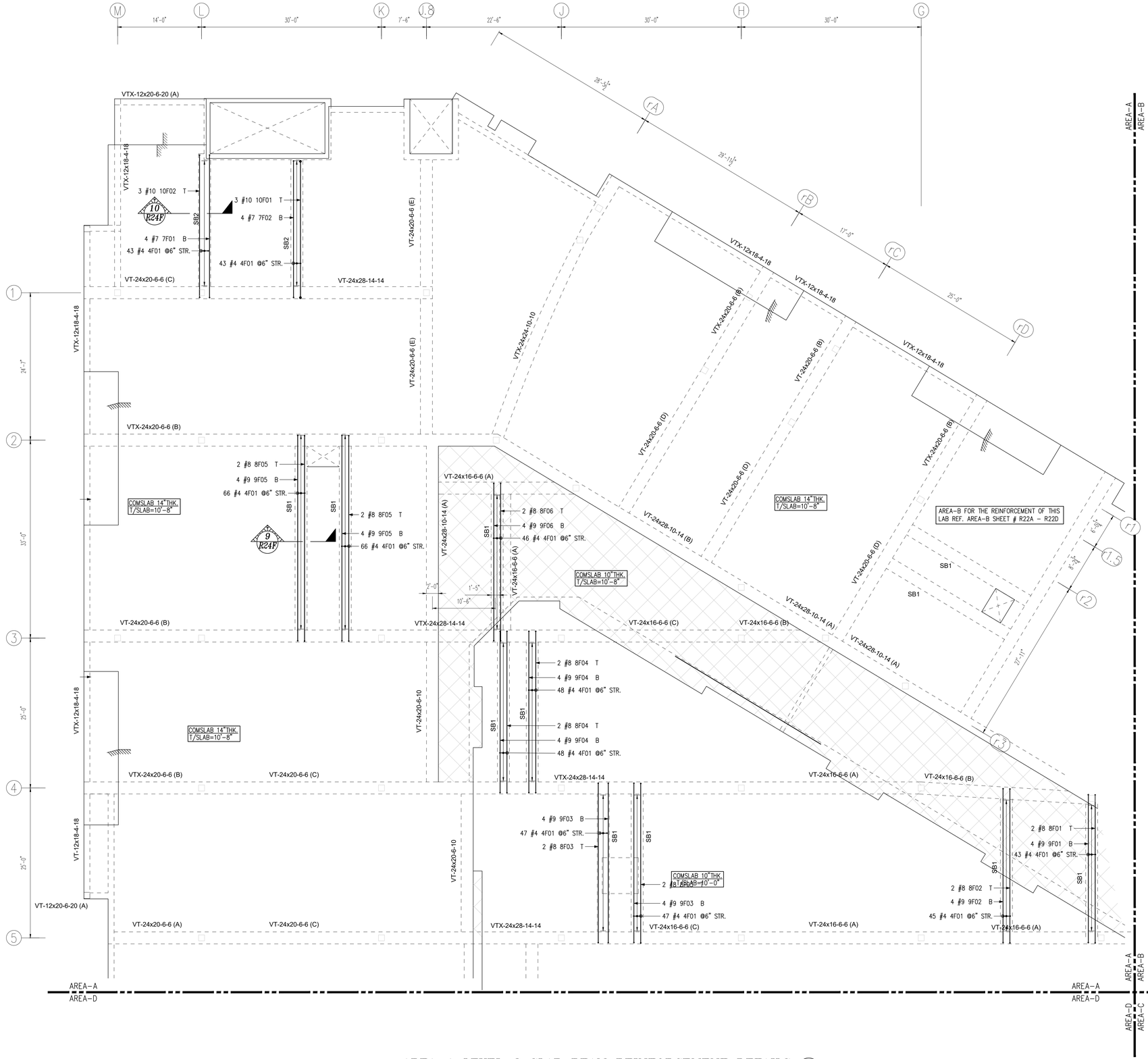


AREA-A LEVEL-2 SLAB SHORT WAY REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02A

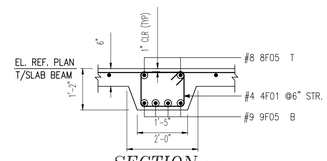
OVER ALL KEY PLAN

Scale=NTS

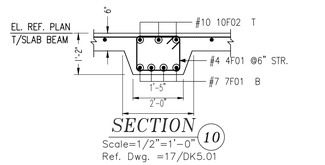


AREA-A LEVEL-2 SLAB BEAM REINFORCEMENT DETAILS

Scale=1/8"=1'-0"
Ref. Dwg. =DK2.02A

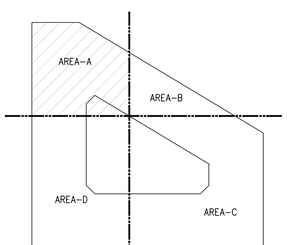


SECTION 9
Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01

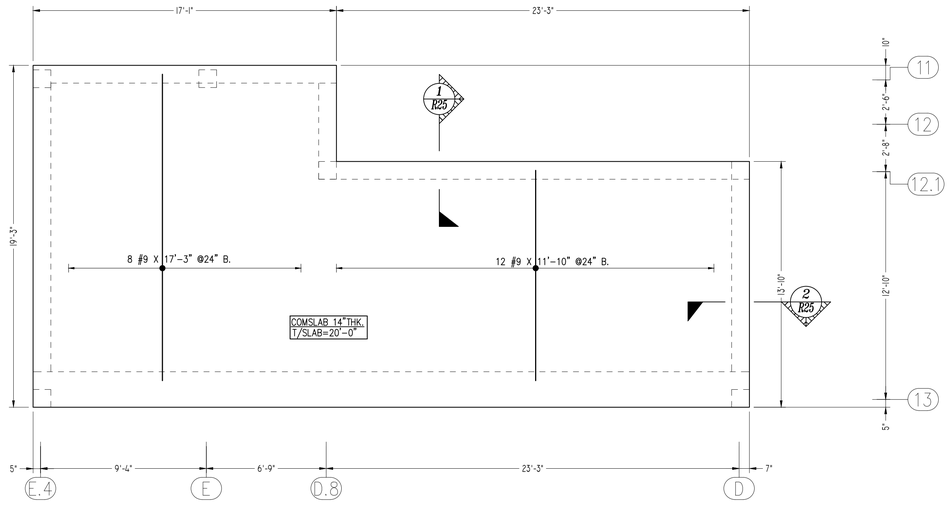


SECTION 10
Scale=1/2"=1'-0"
Ref. Dwg. =17/DK5.01

LAP SCHEDULE		
SIZE	5000 PSI	
	TOP	OTHERS
#3	22"	17"
#4	29"	23"
#5	36"	28"
#6	44"	34"
#7	63"	49"
#8	72"	56"
#9	81"	63"
#10	92"	71"
#11	102"	78"



OVER ALL KEY PLAN
Scale=NTS

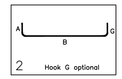


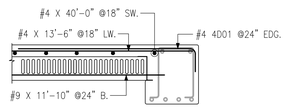
AREA-C LEVEL-3 COM SLAB REINFORCEMENT DETAIL

Scale=1/6"=1'-0"
Ref. Dwg. =DK2.02C

Release Number: R25					BAR LIST										
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4001	61	#4	5'-8"	2	0'-8"	5'-0"										

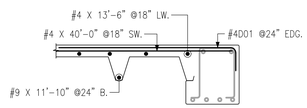
Bar list produced by RebarCAD 2022.0





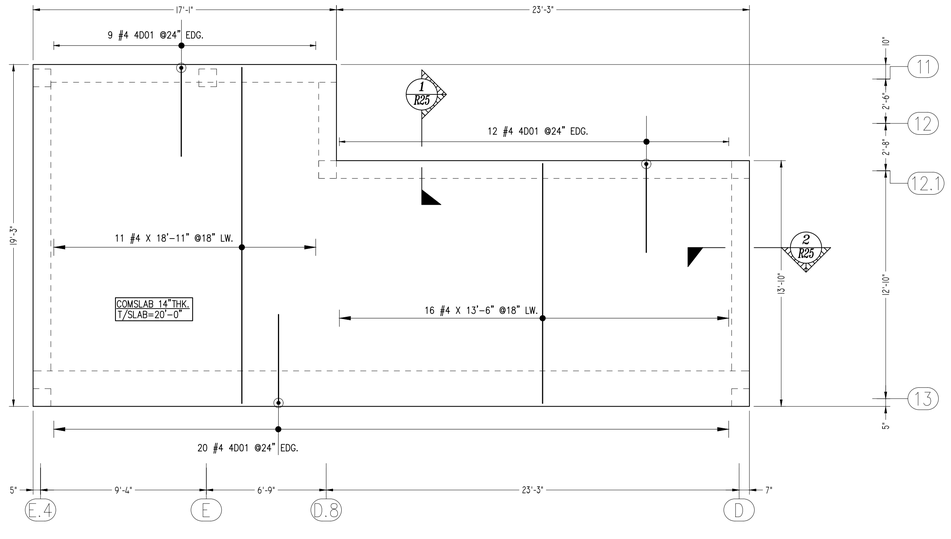
SECTION 1

Scale=1/2"=1'-0"
Ref. Dwg. =4/DK5.01



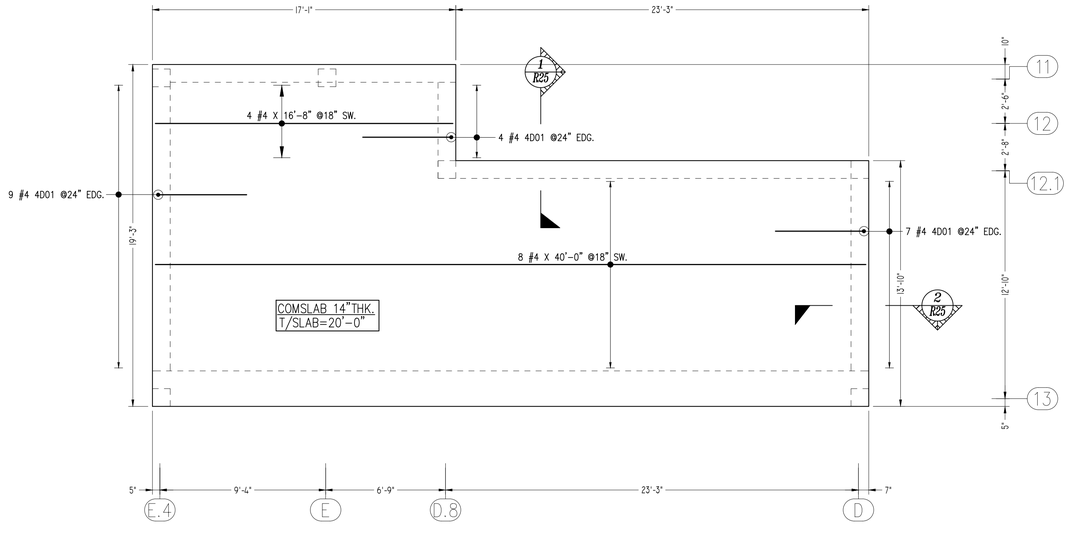
SECTION 2

Scale=1/2"=1'-0"
Ref. Dwg. =5/DK5.01



AREA-C LEVEL-3 SLAB LONG WAY REINFORCEMENT DETAIL

Scale=1/6"=1'-0"
Ref. Dwg. =DK2.02C



AREA-C LEVEL-3 SLAB SHORT WAY REINFORCEMENT DETAIL

Scale=1/6"=1'-0"
Ref. Dwg. =DK2.02C