

### (PART-1) SLAB ON GRADE REINFORCEMENT DETAILS

SCALE - 1/12=1'-0"  
REF:1/S2.01

NOTE:  
ENG. PLEASE VERIFY CONCRETE WALL HORIZONTAL REINF. DETAILED SINCE IT'S NOT GIVEN IN THE CONTRACT DRAWING.

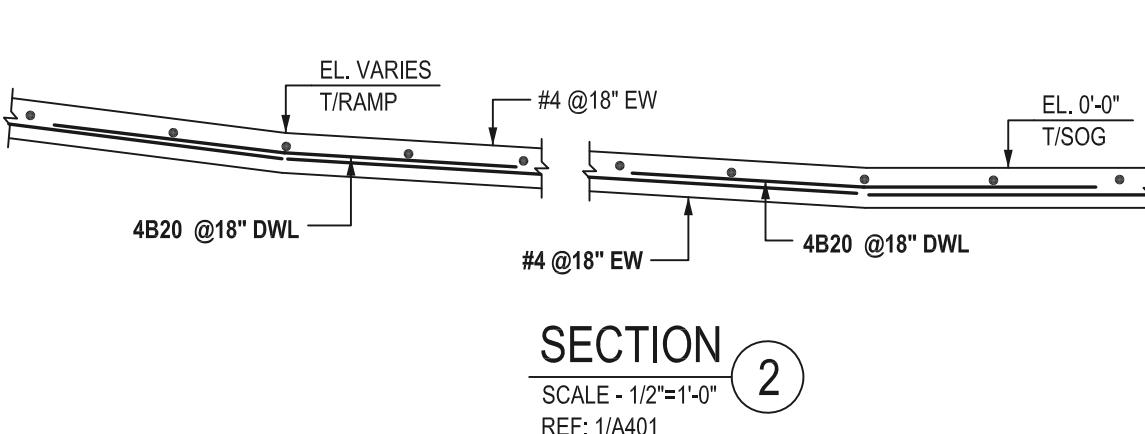
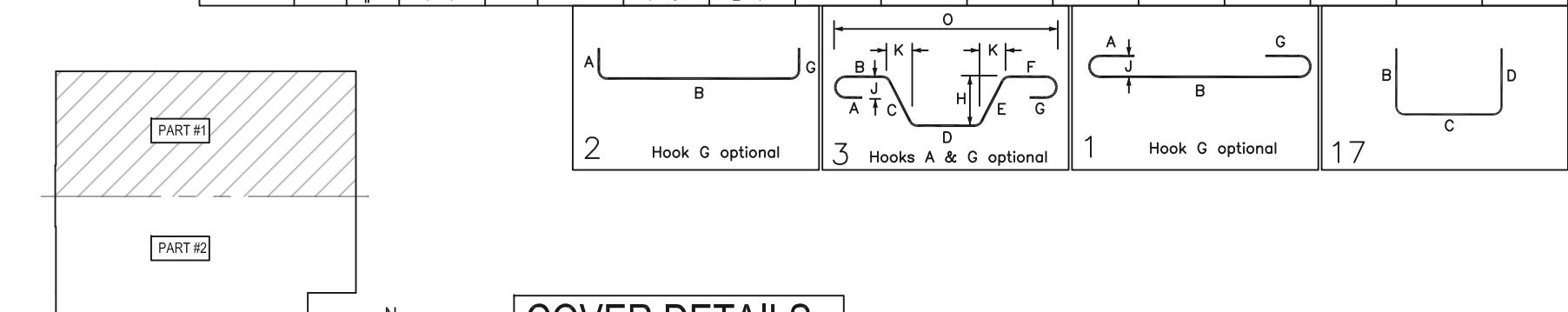
PLACER NOTE:  
REBAR PLACER FIELD ADJUST SLAB MID EACH WAY AT COLUMN & WALL LOCATION.

N  
NORTH

Release Number: R2.001

BENDING SCHEDULE

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B21	46	#4	26'-8"	2	0'-8"	25'-4"									0'-8"	
4B23	150	#4	40'-0"	2	0'-8"	39'-4"										
4B28	45	#4	32'-8"	2	0'-8"	32'-0"										
4B30	2	#4	32'-9"	2	0'-8"	32'-1"										
4B31	13	#4	34'-1"	2	0'-8"	33'-5"										
4B38	31	#4	8'-5"	2	0'-8"	7'-9"										
4B39	9	#4	5'-4"	2	0'-8"	4'-8"										
4B46	45	#4	39'-9"	2	0'-8"	39'-1"										
4B50	9	#4	6'-8"	2	0'-8"	6'-0"										
4B52	20	#4	4'-10"	3		2'-5"	2'-5"							0'-2 1/2"	2'-5"	4'-10"
4B65	6	#4	3'-6"	1	0'-6"	2'-6"								0'-6"	0'-4"	
4B68	6	#4	13'-0"	1	0'-6"	12'-0"								0'-6"	0'-4"	
4B71	6	#4	19'-4"	1	0'-6"	18'-4"								0'-6"	0'-4"	
4B89	6	#4	8'-8"	1	0'-6"	7'-8"								0'-6"	0'-4"	
5B05	290	#5	3'-3"	2	0'-10"	2'-5"										
5B07	58	#5	5'-4"	17		1'-6"	3'-10"							0'-5 1/2"	0'-9 1/2"	6'-1 1/2"
5B09	20	#5	6'-3"	3		2'-10"	0'-10 3/4"	2'-6"								
5B13	4	#5	4'-1"	17		1'-6"	2'-7"									



ABBREVIATIONS	
BOTTOM	BOT.
TOP&BOTTOM	T&B
CONTINUOUS	CONT.
CORNER BAR	COR.
VERTICAL	VERT.
HORIZONTAL	HORZ.
STIRRUPS	STPS.
EACH WAY	EW
EACH FACE	EF
INNER FACE	IF
OUTER FACE	OF
EACH SIDE	ES
EACH END	EE
DOWEL	DWL.
DOWEL/VERTICAL	D/V
TRANSVERSE	TRANS.
LONG WAY BAR	LW
SHORT WAY BAR	SW
ADDITIONAL	ADD'L

### LAP SCHEDULE

REF: 1/S1.01

FOR SLAB ON GRADE

SIZE 3000 PSI (CLASS B)

TOP OTHER

#3	28	22
#4	38	29
#5	47	36
#6	56	43
#7	82	63
#8	93	72
#9	105	81
#10	118	91
#11	131	101

### AREA KEY PLAN

SCALE - NTS

REF: 1/S2.01

NORTH

### COVER DETAILS

REF: GSN/S0.01

FOR SLAB ON GRADE

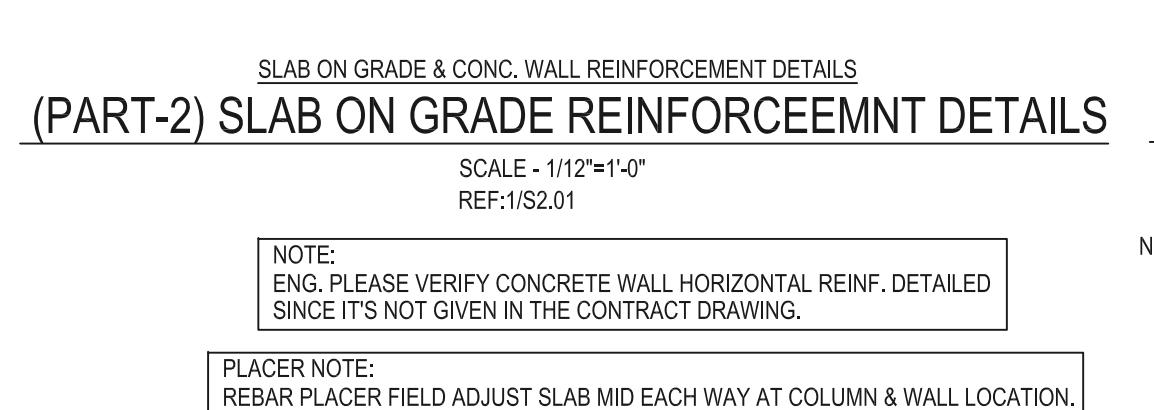
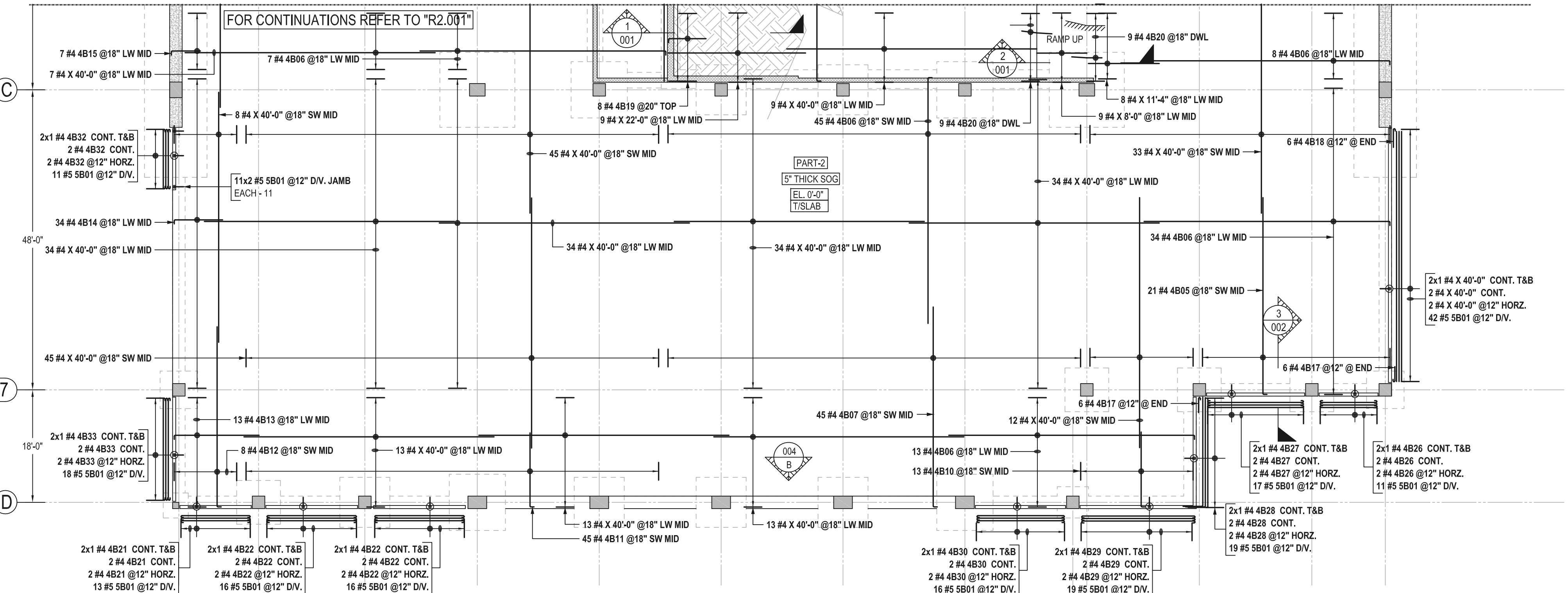
BOTTOM 3" CLR.

SIDE 3" CLR.

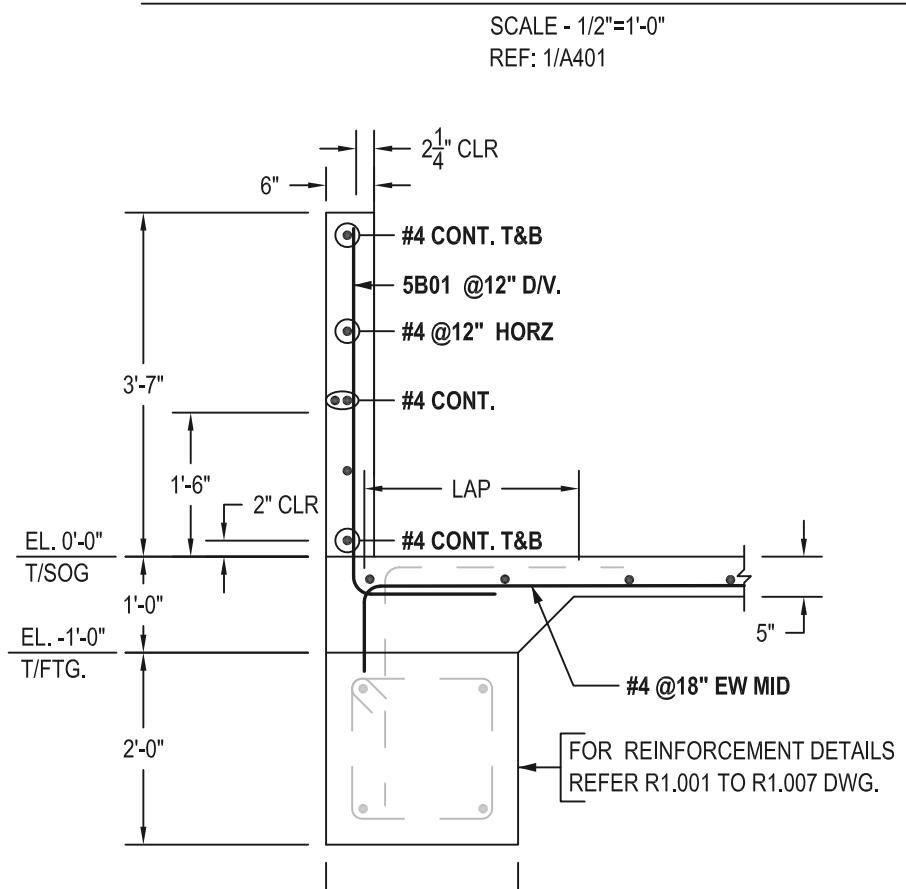
TOP 3" CLR.

FOR APPROVAL WAIVED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED



## TYPICAL CORNER & INTERSECTION DETAIL



## AREA KEY PLAN

SCALE - NTS  
REF:1/S2.01

COVER DETAILS	
REF: GSN/S0.01	
FOR SLAB ON GRADE	
BOTTOM	3" CLR.
SIDE	3" CLR.
TOP	3" CLR.

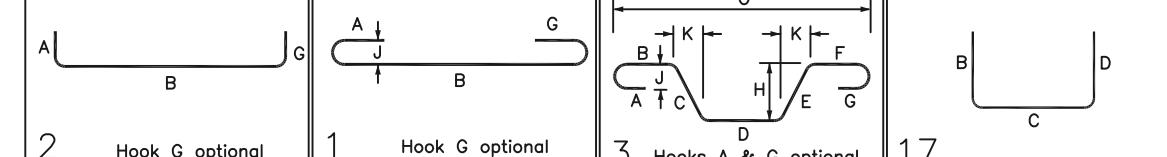
ABBREVIATIONS	
BOTTOM	BOT.
TOP&BOTTOM	T&B
CONTINUOUS	CONT.
CORNER BAR	COR.
VERTICAL	VERT.
HORIZONTAL	HORZ.

## LEGENDS:-

## LAP SCHEDULE

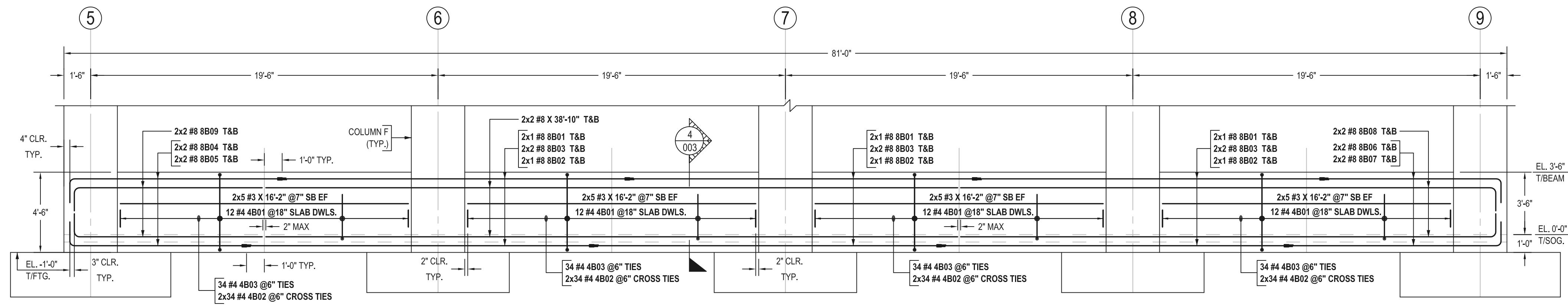
REF: 1/S1.01		
FOR SLAB ON GRADE		
SIZE	3000 PSI (CLASS B)	
	TOP	OTHER
#3	28	22
#4	38	29
#5	47	36
#6	56	43
#7	82	63
#8	93	72
#9	105	81
#10	118	91
#11	131	101

Release Number: R2.002			BENDING SCHEDULE													
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B05	21	#4	32'-2"	2	0'-8"	31'-6"										
4B06	107	#4	40'-0"	2	0'-8"	39'-4"										
4B07	45	#4	32'-8"	2	0'-8"	32'-0"										
4B10	13	#4	12'-8"	2	0'-8"	12'-0"										
4B11	45	#4	12'-6"	2	0'-8"	11'-10 1/4"										
4B12	8	#4	29'-6"	2	0'-8"	28'-10"										
4B13	13	#4	14'-3"	2	0'-8"	13'-7"										
4B14	34	#4	8'-5"	2	0'-8"	7'-9"										
4B15	7	#4	5'-4"	2	0'-8"	4'-8"										
4B17	12	#4	2'-11"	1	0'-6"	2'-5"							0'-4"			
4B18	6	#4	3'-6"	1	0'-6"	3'-0"							0'-4"			
4B19	8	#4	6'-8"	2	0'-8"	6'-0"										
4B20	18	#4	4'-10"	3		2'-5"	2'-5"					0'-2 1/4"		2'-5"	4'-10"	
4B21	6	#4	12'-1"	1	0'-6"	11'-1"						0'-6"		0'-4"		
4B22	12	#4	15'-4"	1	0'-6"	14'-4"						0'-6"		0'-4"		
4B26	6	#4	10'-1"	1	0'-6"	9'-1"						0'-6"		0'-4"		
4B27	6	#4	16'-4"	1	0'-6"	15'-4"						0'-6"		0'-4"		
4B28	6	#4	20'-8"	17		3'-2"	17'-6"									
4B29	6	#4	19'-2"	1	0'-6"	18'-2"						0'-6"		0'-4"		
4B30	6	#4	15'-0"	1	0'-6"	14'-0"						0'-6"		0'-4"		
4B32	6	#4	10'-6"	1	0'-6"	9'-6"						0'-6"		0'-4"		
4B33	6	#4	17'-4"	1	0'-6"	16'-4"						0'-6"		0'-4"		

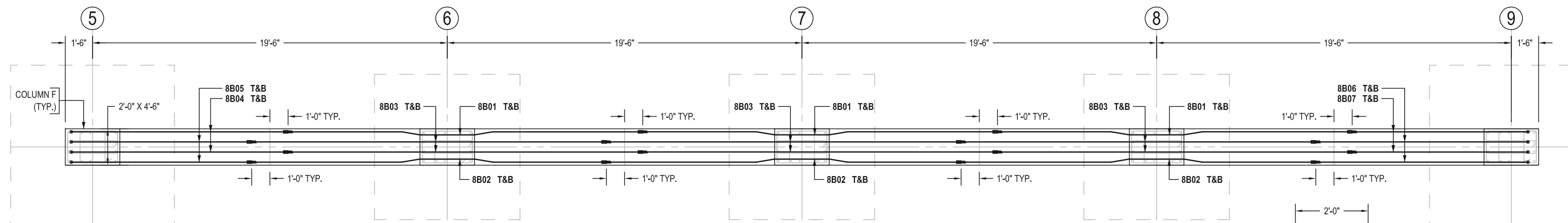


FOR APPROVAL WAIVED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED



**ELEVATION A**  
SCALE - 1/4"=1'-0"  
REF: 1/S3.01



**PLAN VIEW**  
SCALE - 1/4"=1'-0"  
REF: H/S3.11

SPECIAL BAR	
A	B
LETON THREAD ONE END	
L33	
BAR MARK = 8B07 T&B	
TOTAL LENGTH (B) = 13'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
A	B
LETON THREAD ONE END	
L33	
BAR MARK = 8B06 T&B	
TOTAL LENGTH (B) = 11'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
A	B
LETON THREAD ONE END WITH COUPLER ATTACHED	
L53	
BAR MARK = 8B04 T&B	
TOTAL LENGTH (B) = 13'-3"	
TOTAL LENGTH (B) = A+B	

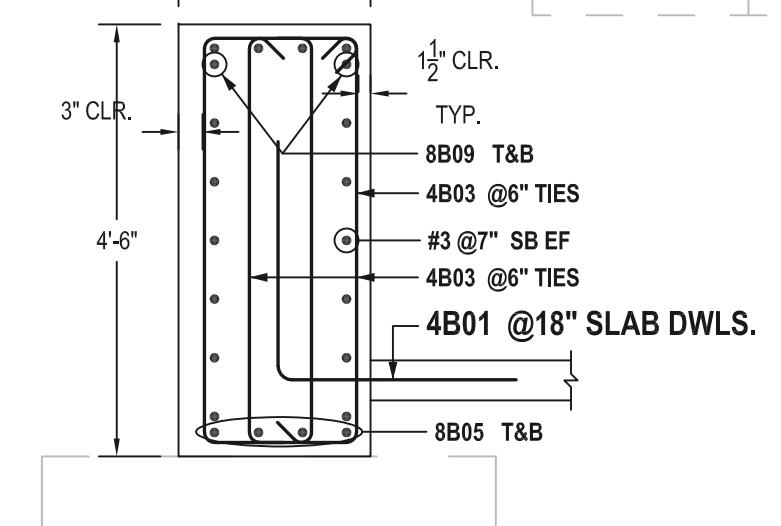
SPECIAL BAR	
A	B
LETON THREAD ONE END WITH COUPLER ATTACHED	
L53	
BAR MARK = 8B05 T&B	
TOTAL LENGTH (B) = 11'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
H	I
K	C
E	
K	D
LETON THREAD ONE END	
& LENTON THREAD OTHER END WITH COUPLER	
L100	
BAR MARK = 8B02 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B+C+E+C+D	

SPECIAL BAR	
A	B
LETON THREAD ONE END	
& LENTON THREAD OTHER END WITH COUPLER	
L100	
BAR MARK = 8B01 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B+C+E+C+D	

COVER DETAILS	
REF: 1/S3.12	
FOR GRADE BEAM	
BOTTOM	1 1/2" CLR.
SIDE OUTER FACE	3" CLR.
SIDE INNER FACE	1 1/2" CLR.
TOP	1 1/2" CLR.

SPECIAL BAR	
B	I
L54	
LETON THREAD ONE END & LENTON THREAD OTHER END WITH COUPLER	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B	



**SECTION 4**  
SCALE - 1/2"=1'-0"  
REF: 1/S3.12

BENDING SCHEDULE																
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B01	48	#4	5'-0"	17				2'-6"	2'-6"							
4B02	272	#4	5'-0"	T9	0'-4 1/2"	4'-3"							0'-4 1/2"			
4B03	136	#4	12'-6"	T1	0'-4 1/2"	1'-7 1/2"	4'-3"	1'-7 1/2"	4'-3"			0'-4 1/2"				

BENDING SCHEDULE																
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
8B01	6	#8	19'-6"	L100				6'-3"	1'-0"	8'-3"	3'-0"		0'-2"	1'-0"		
8B02	6	#8	19'-6"	L100				8'-3"	1'-0"	6'-3"	3'-0"		0'-2"	1'-0"		
8B03	12	#8	19'-6"	L54				19'-6"								
8B04	4	#8	13'-3"	L53	1'-4"			11'-11"								
8B05	4	#8	11'-3"	L53	1'-4"			9'-11"								
8B06	4	#8	11'-3"	L33	1'-4"			9'-11"								
8B07	4	#8	13'-3"	L33	1'-4"			11'-11"								
8B08	4	#8	31'-5"	2	1'-4"			30'-1"								
8B09	4	#8	11'-11"	2	1'-4"			10'-7"								

B  
C

17

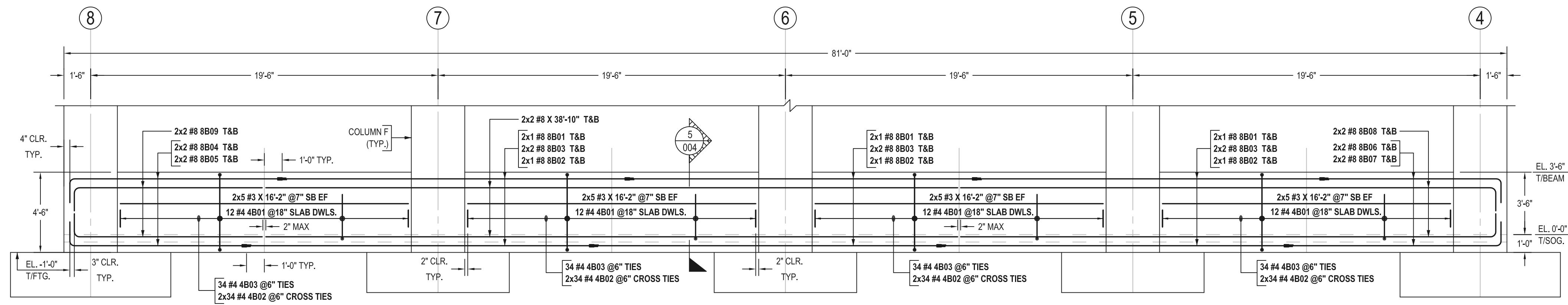
A  
B  
T9

C  
D  
G  
A  
E  
T1

1 Hooks A & G optional

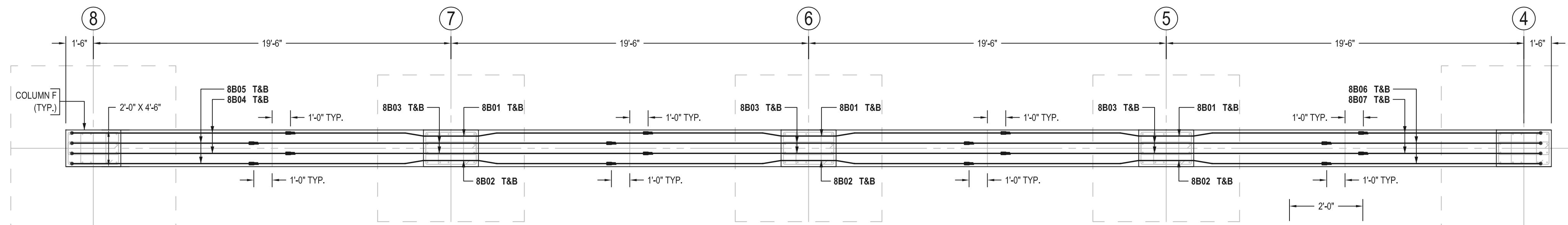
FOR APPROVAL WAIVED

ALL BARS IN THIS DRAWING ASTM A615 GRADE 60 BLACK UNCOATED



ELEVATION B

SCALE - 1/4"=1'-0"  
REF: 2/S3.01



PLAN VIEW

SCALE - 1/4"=1'-0"  
REF: H/S3.11

SPECIAL BAR	
A	B
LETON THREAD ONE END	
L33	
BAR MARK = 8B07 T&B	
TOTAL LENGTH (B) = 13'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
A	B
LETON THREAD ONE END	
L33	
BAR MARK = 8B06 T&B	
TOTAL LENGTH (B) = 11'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
A	B
LETON THREAD ONE END WITH COUPLER ATTACHED	
L53	
BAR MARK = 8B04 T&B	
TOTAL LENGTH (B) = 13'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
A	B
LETON THREAD ONE END WITH COUPLER ATTACHED	
L53	
BAR MARK = 8B05 T&B	
TOTAL LENGTH (B) = 11'-3"	
TOTAL LENGTH (B) = A+B	

SPECIAL BAR	
H	I
A	B
LETON THREAD ONE END	
L100	
BAR MARK = 8B02 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B+C+E+C+D	

SPECIAL BAR	
A	B
LETON THREAD ONE END WITH COUPLER ATTACHED	
L100	
BAR MARK = 8B01 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B+C+E+C+D	

COVER DETAILS

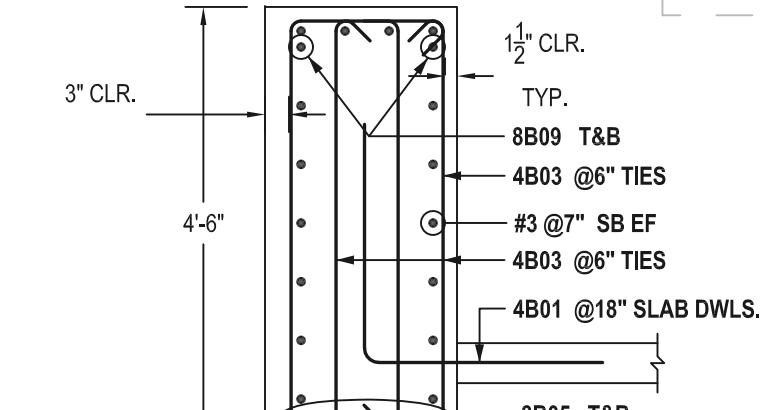
REF: 1/S3.12

FOR GRADE BEAM

BOTTOM	1 1/2" CLR.
SIDE OUTER FACE	3" CLR.
SIDE INNER FACE	1 1/2" CLR.
TOP	1 1/2" CLR.

SPECIAL BAR	
B	I
LETON THREAD ONE END & LENTON THREAD OTHER END WITH COUPLER	
L54	
BAR MARK = 8B03 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B	

SPECIAL BAR	
B	I
LETON THREAD ONE END & LENTON THREAD OTHER END WITH COUPLER	
L54	
BAR MARK = 8B03 T&B	
TOTAL LENGTH (B) = 19'-6"	
TOTAL LENGTH (B) = B	



SECTION 5

SCALE - 1/2"=1'-0"  
REF: 1/S3.12

BENDING SCHEDULE																
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
4B18	48	#4	5'-0"	T7	17		2'-6"	2'-6"								
4B19	272	#4	5'-0"	T9	0'-4 1/2"	4'-3"		2'-6"						0'-4 1/2"		
4B20	136	#4	12'-6"	T1	0'-4 1/2"	1'-7 1/2"	4'-3"	1'-7 1/2"	4'-3"				0'-4 1/2"			

Release Number: R2.004 COUPLER & THREADED BENDING SCHEDULE

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
8B01	6	#8	19'-6"	L100			6'-3"	1'-0"	8'-3"	3'-0"			0'-2"	1'-0"		
8B02	6	#8	19'-6"	L100			8'-3"	1'-0"	6'-3"	3'-0"			0'-2"	1'-0"		
8B03	12	#8	19'-6"	L54			19'-6"									
8B04	4	#8	13'-3"	L53	1'-4"		11'-11"									
8B05	4	#8	11'-3"	L53	1'-4"		9'-11"									
8B06	4	#8	11'-3"	L33	1'-4"		9'-11"									
8B07	4	#8	13'-3"													