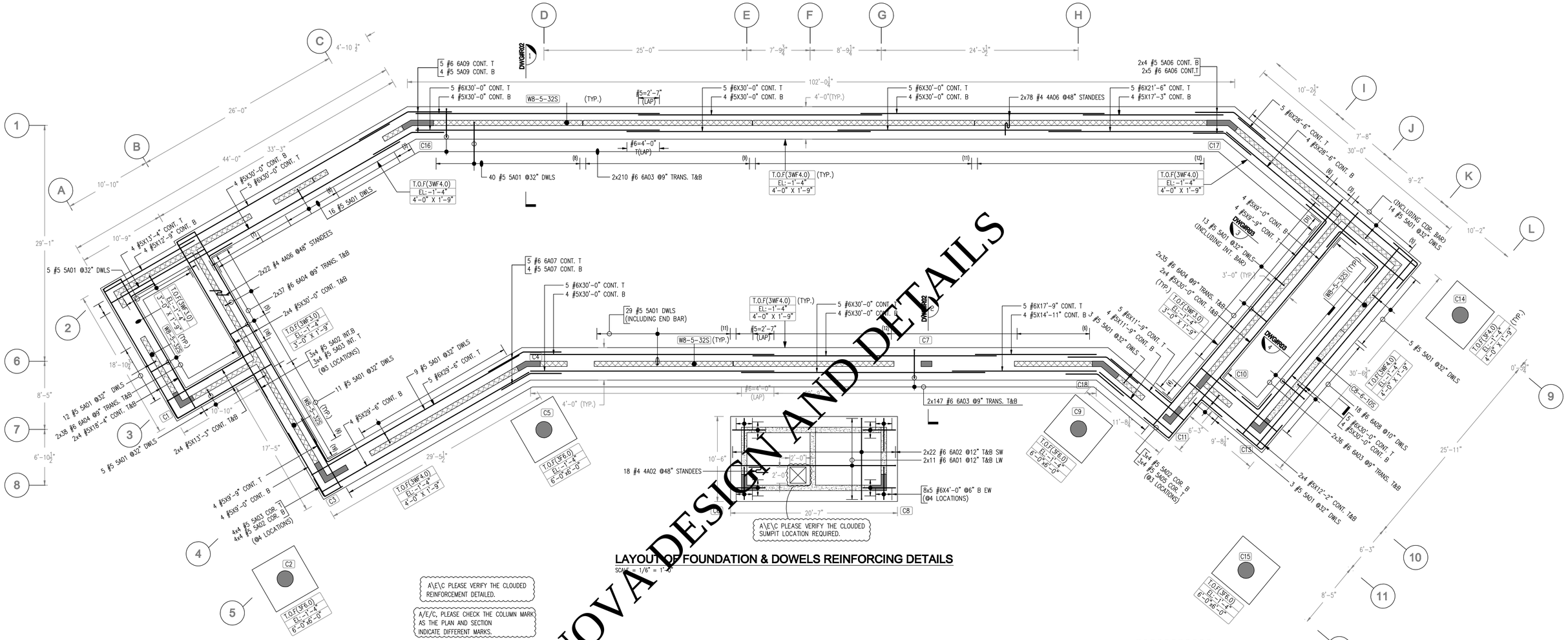


LAYOUT OF FOUNDATION & DOWELS REINFORCING DETAILS

SCALE = 1/6" = 1'-0"

A\E\C PLEASE VERIFY THE CLOUDED REINFORCEMENT DETAILED.

A/E/C, PLEASE CHECK THE COLUMN MARK AS THE PLAN AND SECTION INDICATE DIFFERENT MARKS.

NOVA DESIGN AND DETAILS

COLUMN DOWEL SCHEDULE

C-1	DETAIL-C	1	16 #5 5A08 DWLS 2x3 #3 3A05 TIES
C-2	24" DIA.	1	6 #8 8A01 DWLS 3 #3 3A03 TIES
C-3	DETAIL-E	1	20 #5 5A08 DWLS 3 #3 3A10 TIES 3 #3 3A11 TIES
C-4	DETAIL-J	1	15 #5 5A08 DWLS 3 #3 3A15 TIES 3 #3 3A14 TIES
C-5	24" DIA.	1	6 #8 8A01 DWLS 3 #3 3A03 TIES
C-6	DETAIL-G	1	16 #5 5A08 DWLS 2x3 #3 3A05 TIES
C-7	8"X16"	1	4 #5 5A08 DWLS 3 #3 3A09 TIES
C-8	DETAIL-G	1	16 #5 5A08 DWLS 2x3 #3 3A05 TIES
C-9	24" DIA.	1	6 #8 8A01 DWLS 3 #3 3A03 TIES
C-10	8"X24"	1	6 #5 5A08 DWLS 3 #3 3A04 TIES
C-11	DETAIL-K	1	14 #5 5A08 DWLS 3 #3 3A07 TIES 3 #3 3A08 TIES
C-13	DETAIL-L	1	18 #5 5A08 DWLS 3 #3 3A05 TIES 3 #3 3A06 TIES

COLUMN DOWEL SCHEDULE

C-15	24" DIA.	1	6 #8 8A01 DWLS 3 #3 3A03 TIES
C-16	DETAIL-M	1	19 #5 5A08 DWLS 3 #3 3A12 TIES 3 #3 3A13 TIES
C-17	DETAIL-N	1	19 #5 5A08 DWLS 3 #3 3A12 TIES 3 #3 3A13 TIES
C-18	DETAIL-P	1	17 #5 5A08 DWLS 3 #3 3A01 TIES 3 #3 3A02 TIES

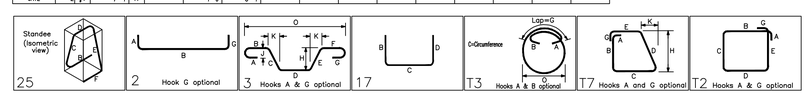
COLUMN FOOTING SCHEDULE

MARK	SIZE	QTY	REINFORCEMENT
3F4.0	4'-0"X4'-0"	1	4x5 #5 5A04 @12" T&B EW
3F6.0	6'-0"X6'-0"	4	16x4x5 #6 6A05 @12" T&B EW

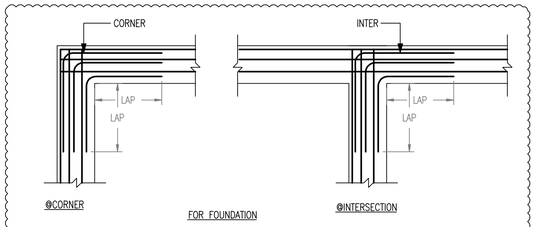
Drawing Sheet : R01

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'K'	'O'	'R'
4A02	18	#4	6'-6"	25		1'-6"	1'-5"	0'-8"	1'-5"	1'-6"		1'-4 K"		0'-8 K"		
5A08	180	#5	3'-10"	2	0'-10"	3'-0"										
8A01	30	#8	4'-4"	2	1'-4"	3'-0"										
6A07	5	#6	9'-8 K"	3		4'-8"	4'-10 K"					2'-6"		4'-2 K"	8'-10 K"	
6A06	10	#6	9'-9 K"	3		4'-9"	5'-0 K"					3'-3 K"		3'-10"	8'-7"	
6A04	220	#6	4'-6"	2	1'-0"	2'-6"					1'-0"					
6A03	786	#6	5'-6"	2	1'-0"	3'-6"					1'-0"					
6A05	320	#6	7'-6"	2	1'-0"	5'-6"					1'-0"					
6A02	44	#6	12'-0"	2	1'-0"	10'-0"					1'-0"					
6A01	22	#6	22'-1"	2	1'-0"	20'-1"					1'-0"					
6A09	5	#6	12'-3"	3		5'-4 K"	6'-10 K"					3'-6"		5'-11 K"	11'-3 K"	
6A08	18	#6	5'-10"	2	1'-0"	4'-10"										
4A06	200	#4	5'-11"	25		1'-6"	1'-1 K"	0'-8"	1'-1 K"	1'-6"		1'-1 K"		0'-6 K"		
5A01	165	#5	6'-1"	2	0'-10"	5'-3"										
5A09	4	#5	9'-4 K"	3		3'-11 K"	5'-5"					2'-9"		4'-8 K"	8'-7 K"	
5A03	28	#5	6'-8"	17		3'-4"	3'-4"									
5A02	40	#5	5'-2"	17		2'-7"	2'-7"									
5A07	4	#5	7'-10 K"	3		3'-10"	4'-0 K"					2'-0 K"		3'-5 K"	7'-3 K"	
5A06	8	#5	8'-0 K"	3		3'-11"	4'-1 K"					2'-8 K"		3'-1 K"	7'-0 K"	
5A05	12	#5	8'-0"	17		4'-0"	4'-0"									
5A04	20	#5	5'-2"	2	0'-10"	3'-6"					0'-10"					
3A03	15	#3	6'-11 K"	T3			5'-5 K"				1'-6"				1'-9"	
3A02	3	#3	3'-10 K"	T7	0'-4"	0'-5"	1'-3 K"	0'-4 K"	1'-1 K"		0'-4"	0'-5"		0'-1 K"		
3A05	21	#3	4'-11 K"	T2	0'-4"	0'-4 K"	1'-9"	0'-4 K"	1'-9"		0'-4"					
3A11	3	#3	6'-4"	T2	0'-4"	0'-5"	2'-5"	0'-5"	2'-5"		0'-4"					
3A09	3	#3	3'-8"	T2	0'-4"	1'-1"	0'-5"	1'-1"	0'-5"		0'-4"					
3A08	3	#3	5'-9"	T2	0'-4"	0'-4 K"	2'-1 K"	0'-4 K"	2'-1 K"		0'-4"					
3A07	3	#3	3'-6"	T2	0'-4"	1'-0 K"	0'-4 K"	1'-0 K"	0'-4 K"		0'-4"					
3A06	3	#3	4'-4"	T2	0'-4"	1'-5"	0'-5"	1'-5"	0'-5"		0'-4"					
3A01	3	#3	6'-2 K"	T7	0'-4"	0'-4 K"	2'-6"	0'-5"	2'-3"		0'-4"	0'-4 K"		0'-3"		
3A14	3	#3	3'-10 K"	T7	0'-4"	0'-5"	1'-3"	0'-4 K"	1'-2"		0'-4"	0'-5"		0'-1"		
3A15	3	#3	4'-8 K"	T7	0'-4"	0'-4 K"	1'-8 K"	0'-4 K"	1'-6 K"		0'-4"	0'-4 K"		0'-2"		
3A12	6	#3	6'-9 K"	T7	0'-4"	0'-5"	2'-8 K"	0'-4 K"	2'-7 K"		0'-4"	0'-5"		0'-0 K"		
3A13	6	#3	3'-11 K"	T7	0'-4"	0'-5"	1'-3 K"	0'-4 K"	1'-2 K"		0'-4"	0'-5"		0'-1"		
3A10	3	#3	7'-7 K"	T2	0'-4"	0'-5"	3'-0 K"	0'-5"	3'-0 K"		0'-4"					
3A04	3	#3	5'-0"	T2	0'-4"	1'-9"	0'-5"	1'-9"	0'-5"		0'-4"					
6A10	2	#6	7'-2"	17		3'-4"	0'-6"	3'-4"								
6A11	10	#6	6'-5 K"	3		3'-7 K"	2'-9 K"					2'-0 K"		1'-11 K"	5'-7"	
6A12	2	#6	7'-4"	17		4'-0"	3'-4"									



TYPICAL CORNER AND INTERSECTION DETAILS



GENERAL NOTES:

LAP – 4000 PSI

COVER

FOOTING TOP – 2"

FOOTING SIDE – 3"

FOOTING BOT – 3"

LAP SCHEDULE FOR FOOTING AND COLUMN

SIZE	TOP	OTHERS
#3	25"	19"
#4	32"	25"
#5	40"	31"
#6	48"	37"
#7	70"	54"
#8	80"	62"

LAP SCHEDULE FOR CMU

SIZE	LAP LENGTH
#3	18"
#4	24"
#5	30"
#6	36"