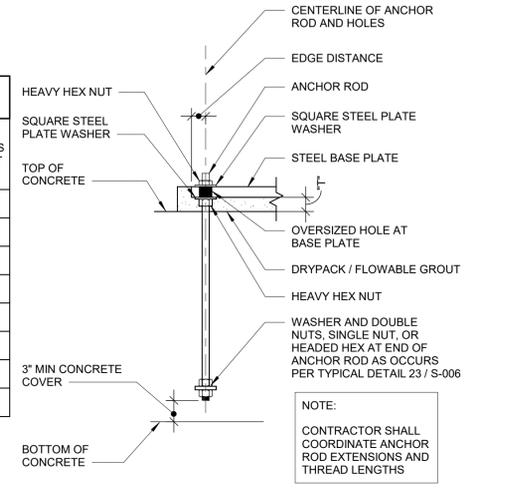




STEEL COLUMN BASE PLATES					
ANCHOR ROD DIAMETER	STEEL PLATE WASHER (A36)	HOLE SIZE AT STEEL PLATE WASHER	OVERSIZED HOLE DIA AT STEEL BASE PLATE	EDGE DISTANCE OF BASE PLATE TO CENTERLINE OF HOLE	THICKNESS OF GROUT "T"
1/2"	3/8" X 2 1/4" X 2 1/4"	9/16"	13/16"	1 1/4"	1 1/2"
5/8"	3/8" X 2 1/2" X 2 1/2"	11/16"	1 1/16"	1 1/2"	2"
3/4"	3/8" X 2 1/2" X 2 1/2"	13/16"	1 5/16"	1 1/2"	2"
7/8"	1/2" X 2 3/4" X 2 3/4"	15/16"	1 9/16"	1 3/4"	2"
1"	1/2" X 3 1/4" X 3 1/4"	1 1/16"	1 13/16"	2"	3"
1 1/8"	5/8" X 3 1/2" X 3 1/2"	1 3/16"	1 15/16"	2 1/4"	3"
1 1/4"	5/8" X 3 1/2" X 3 1/2"	1 5/16"	2 1/16"	2 1/4"	3"
1 1/2"	5/8" X 3 3/4" X 3 3/4"	1 9/16"	2 5/16"	2 1/2"	3"



NOTE:
CONTRACTOR SHALL COORDINATE ANCHOR ROD EXTENSIONS AND THREAD LENGTHS

25 TYPICAL DETAIL - PLATE WASHERS, HOLE SIZES AND EDGE DISTANCES AT STEEL COLUMN BASE PLATES
S-006 NOT TO SCALE
17-036

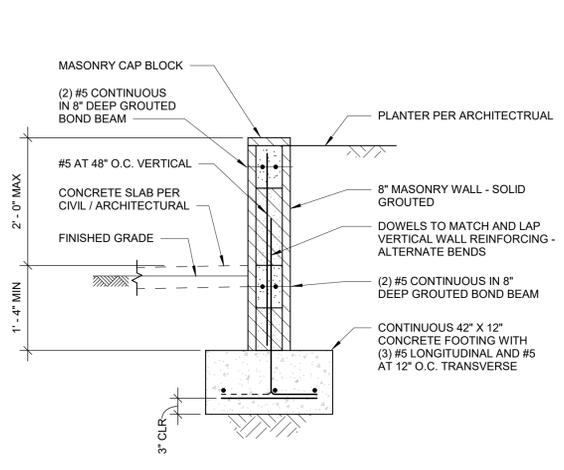
CLASS B TENSION LAP SPLICE TABLE																				
CASE	BAR SIZE	SPLICE LENGTH (INCHES)																		
		#3		#4		#5		#6		#7		#8		#9		#10		#11		
BAR DIAMETER		0.375"Ø	0.500"Ø	0.625"Ø	0.750"Ø	0.875"Ø	1.000"Ø	1.128"Ø	1.270"Ø	1.410"Ø										
CASTING POSITION		T	O	T	O	T	O	T	O	T	O	T	O	T	O	T	O	T	O	
1	3000 PSI	28	22	38	29	47	36	56	43	81	63	93	72	105	81	118	91	131	101	
	4000 PSI	25	19	33	25	41	31	49	37	71	54	81	62	91	70	102	79	114	87	
	5000 PSI	22	17	29	23	36	28	44	34	63	49	72	56	81	63	92	71	102	78	
2	3000 PSI	42	33	56	43	70	54	84	65	122	94	139	107	157	121	177	136	196	151	
	4000 PSI	37	28	49	37	61	47	73	56	106	81	121	93	136	105	153	118	170	131	
	5000 PSI	33	25	44	34	54	42	65	50	95	73	108	83	122	94	137	106	152	117	
	6000 PSI	30	23	40	31	50	38	59	46	86	67	99	76	111	86	125	96	139	107	

CASE 1:
CLEAR SPACING OF BARS BEING SPLICED IS NOT LESS THAN 1 BAR DIAMETER, CLEAR COVER IS NOT LESS THAN 1 BAR DIAMETER, AND TIES OR STIRRUPS ARE PRESENT THROUGHOUT THE SPLICE LENGTH NOT LESS THAN THE CODE MINIMUM OR THE CLEAR SPACING OF BARS BEING SPLICED IS NOT LESS THAN 2 BAR DIAMETERS AND CLEAR COVER IS NOT LESS THAN 1 BAR DIAMETER

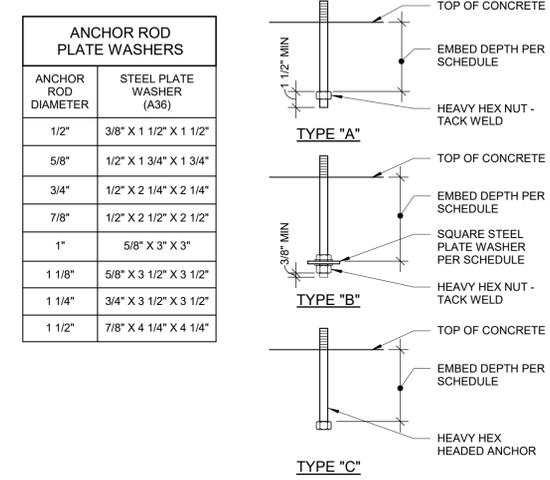
NOTE:
TOP BARS (T IN TABLE) ARE HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW THE BAR. OTHER BARS (O IN TABLE) ARE ALL VERTICAL BARS AND HORIZONTAL BARS WITH LESS THAN 12" OF FRESH CONCRETE CAST BELOW THE BAR

CASE 2:
ALL OTHER CASES

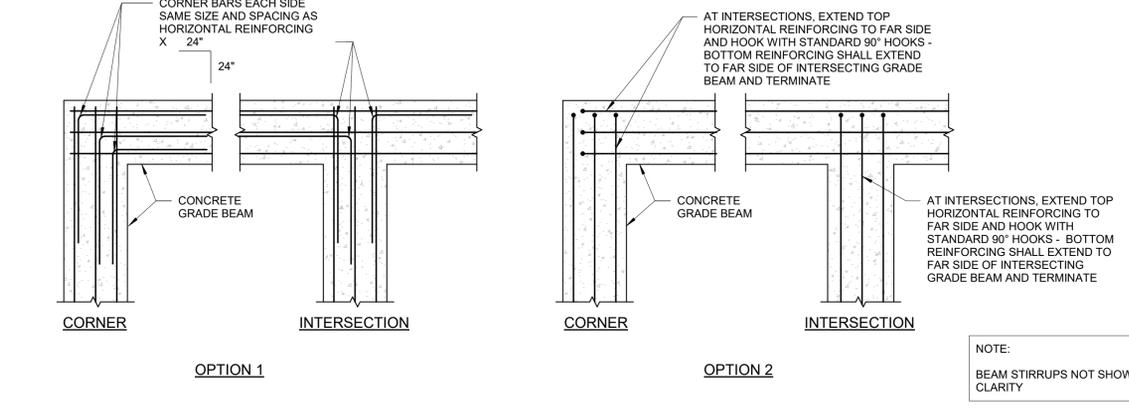
19 TYPICAL DETAIL - CLASS "B" TENSION LAP SPLICE LENGTHS FOR UNCOATED GRADE 60 REINFORCING STEEL IN NORMAL WEIGHT CONCRETE
S-006 NOT TO SCALE
17-036



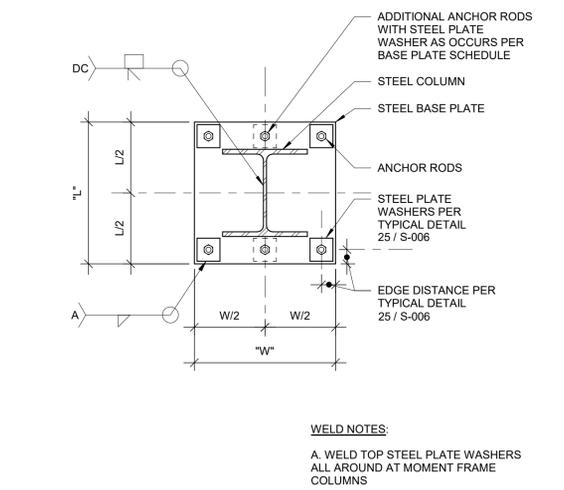
26 TYPICAL DETAIL - MASONRY PLANTER WALL AND FOOTING
S-006 NOT TO SCALE
17-036



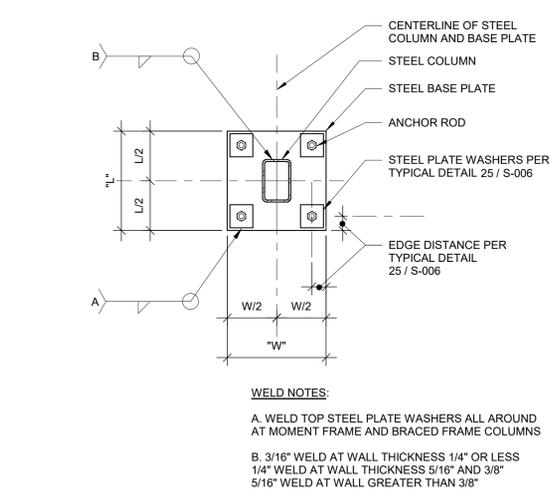
23 TYPICAL DETAIL - STEEL ANCHOR RODS
S-006 NOT TO SCALE
17-036



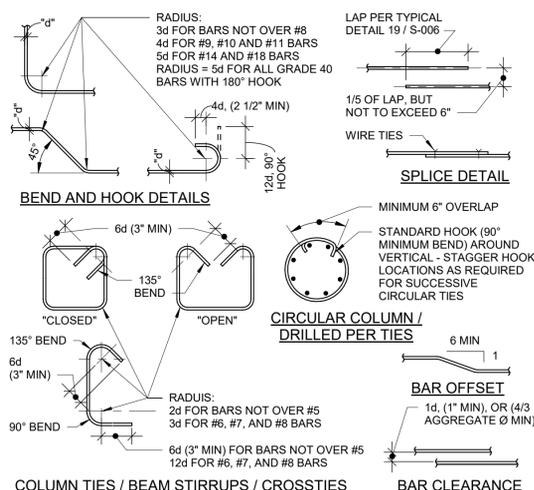
20 TYPICAL DETAIL - PLAN VIEW - REINFORCING IN GRADE BEAMS
S-006 NOT TO SCALE
17-036



27 TYPICAL DETAIL - MOMENT FRAME COLUMN BASE PLATE
S-006 NOT TO SCALE
17-036



24 TYPICAL DETAIL - STEEL TUBE COLUMN BASE PLATE
S-006 NOT TO SCALE
17-036



21 TYPICAL DETAIL - CONCRETE REINFORCING BARS
S-006 NOT TO SCALE
17-036