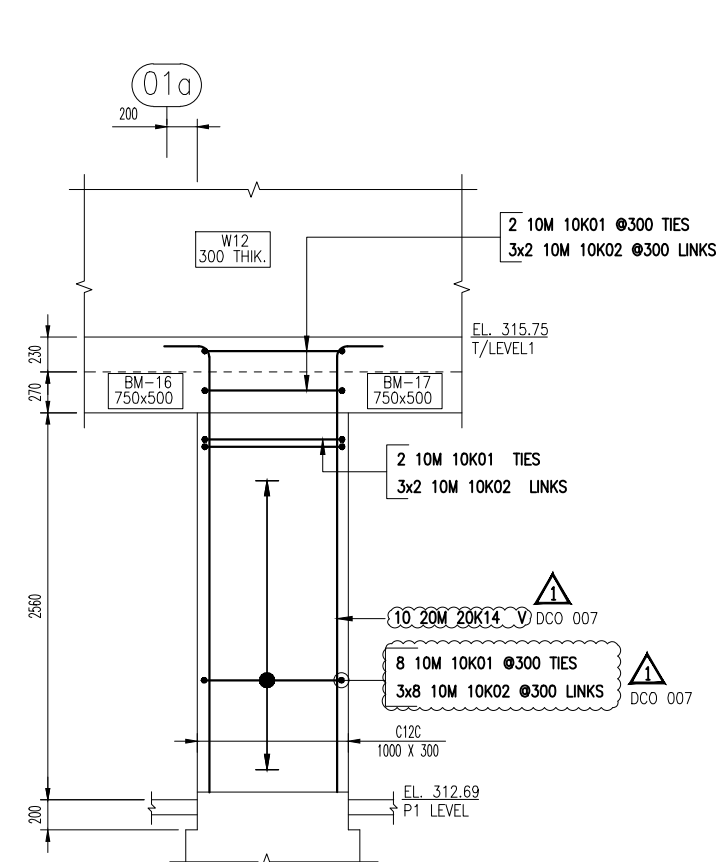
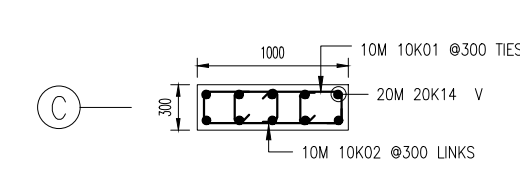
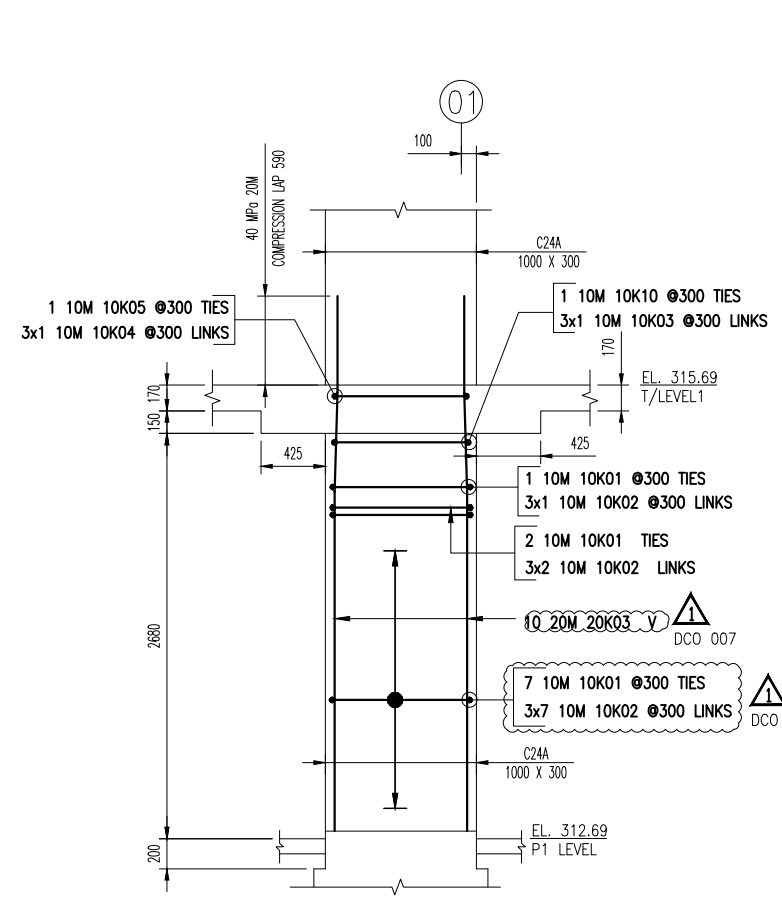




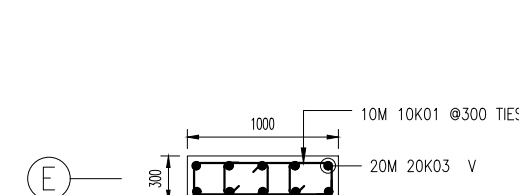
7A C0007-ELEVATION VIEW
(SHOWING COLUMN ONLY)



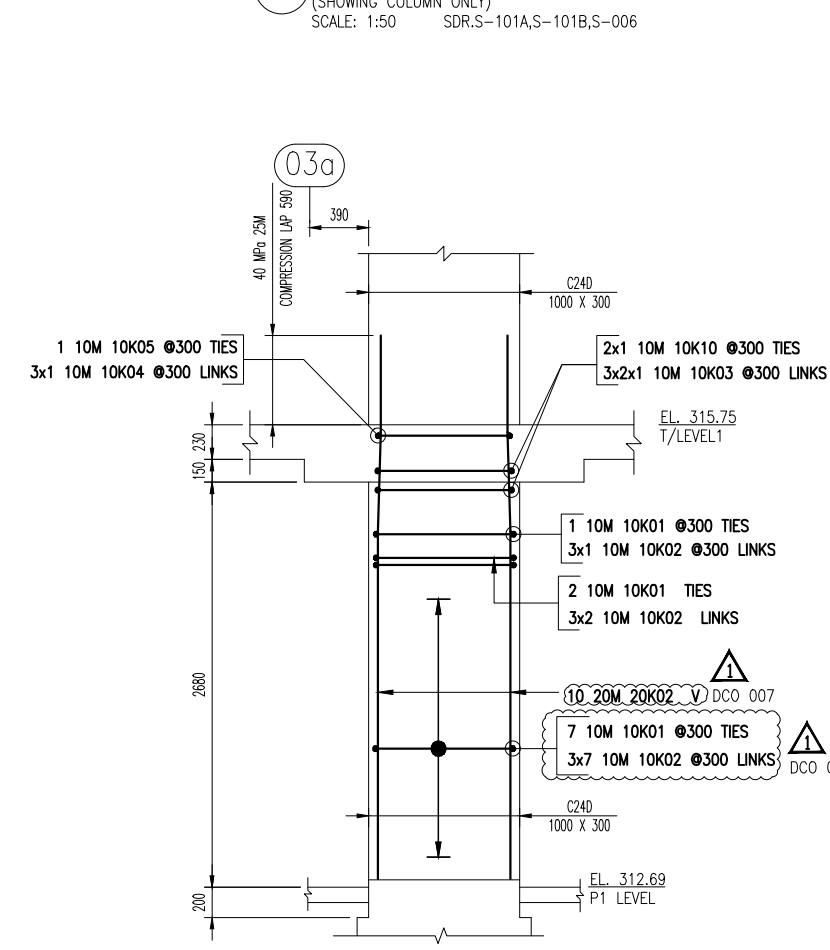
7P C0007-COLUMN PLAN VIEW



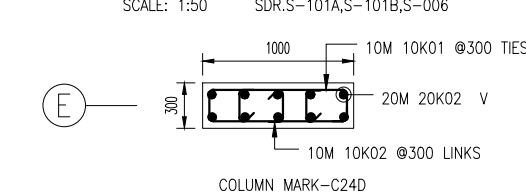
13A C0013-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A,S-101B,S-006



10M 10K02 Ø300 UNKS
COLUMN MARK-C24A
C0013 COLUMN PLAN VIEW



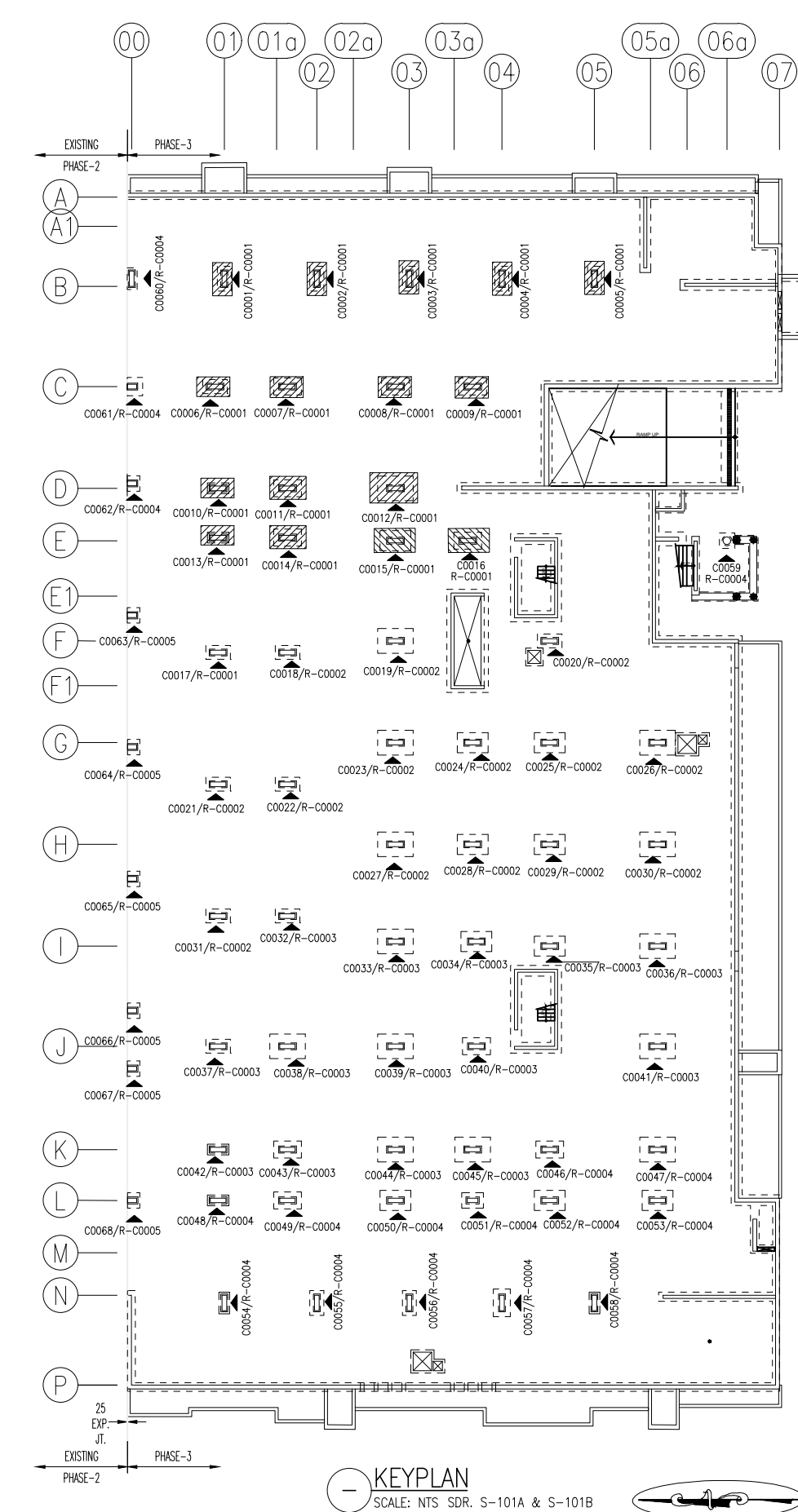
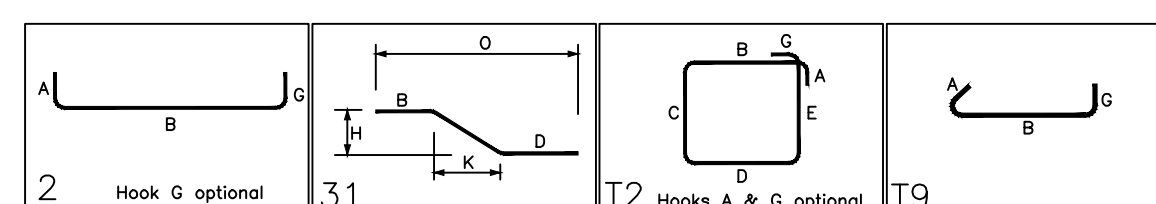
16A C0016-ELEVATION VIEW
(SHOWING COLUMN ONLY)

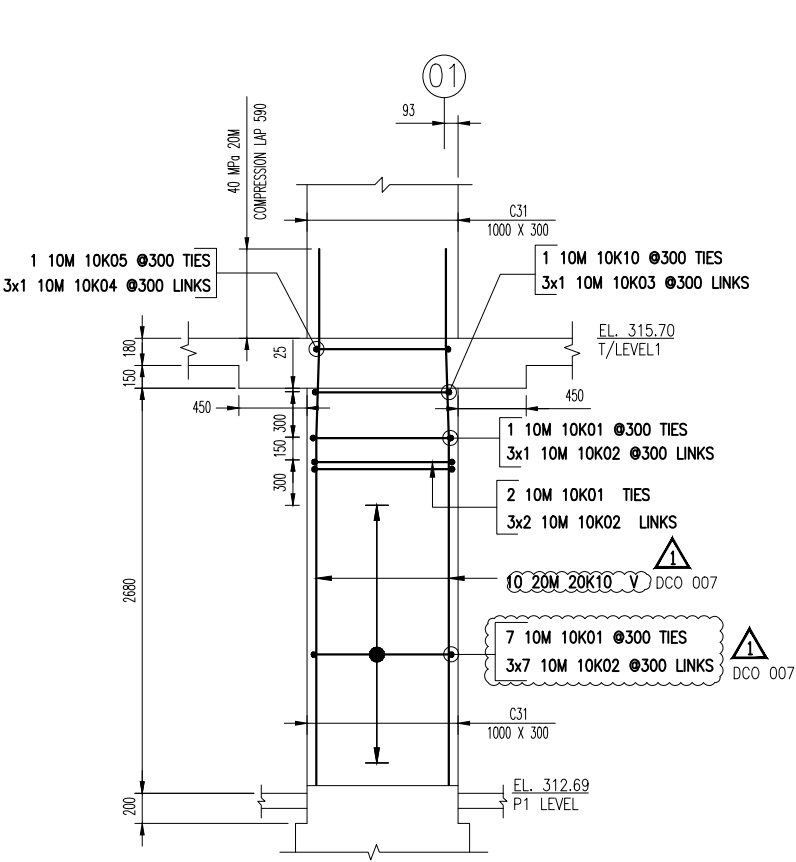


16B C0016- COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1/8" = 1'-0" SPS-S-1018 S-1018 S-005

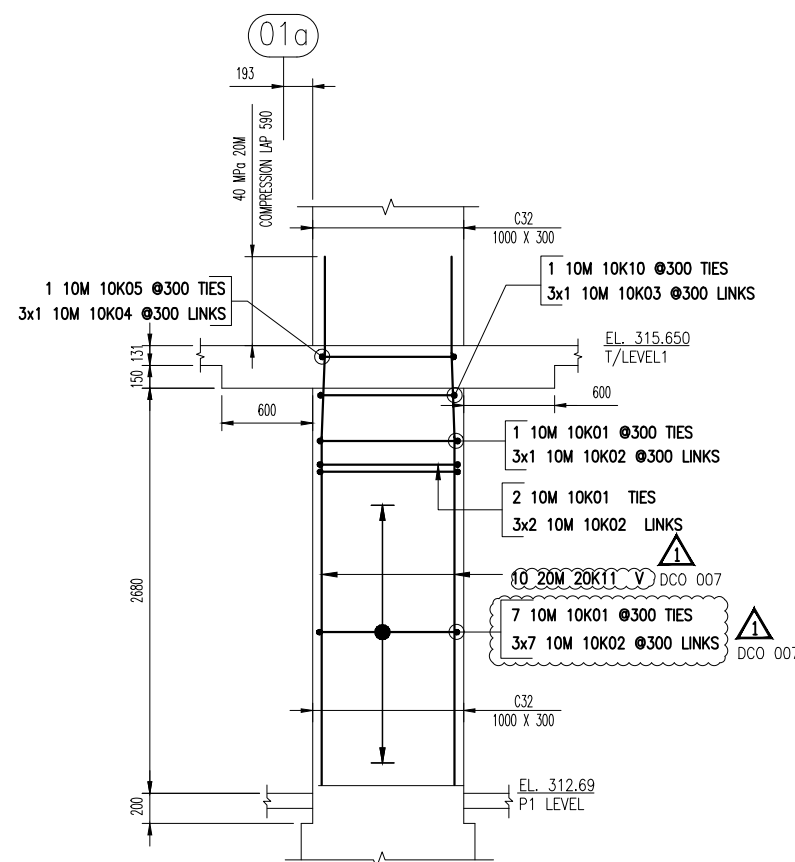
LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS									
DATA		BAR SIZE		10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $f'_c = 40 \text{ MPa}$	COMPRESSION LAP SPICE			300	440	590	730	880	1030
$F_y = 400 \text{ MPa}$ $f'_c = 40 \text{ MPa}$	DEVELOPMENT LENGTH			200	280	350	440	530	630

Drawing Sheet : R-0001				BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	A	B	C	D	E	F	G	H	I	J	K	L	M		
10K01	179	10M	2460	T2	100	220	920	220	900			100							
10K02	517	10M	420	T9	100	220						100							
10K03	20	10M	400	T9	100	200						100							
10K04	17	10M	380	T9	100	180						100							
10K05	6	10M	2320	T2	100	180	880	180	880			100							
10K08	1	10M	2280	T2	100	170	870	170	870			100							
10K09	2	10M	370	T9	100	170						100							
10K10	8	10M	2380	T2	100	190	890	190	890			100							
10K11	2	10M	390	T9	100	190						100							
20K02	10	20M	2050	31		2300	650	640					40		650	3540			
20K03	10	20M	3540	31		2245	650	640					40		650	3540			
20K05	20	20M	3330	2	310	2920													
20K06	10	20M	3520	2	310	3210													
20K07	10	20M	3490	31		2330	530	640					40			530	3490		
20K14	60	20M	3270	2	310	2960													
20K44	10	20M	3650	31		2770	245	640					40		240	3650			
25K01	8	25M	3625	31		2300	545	780					50		545	3625			
25K08	8	25M	3685	31		2300	605	780					50		605	3685			
25K11	10	25M	3675	31		2300	595	780					50		595	3675			

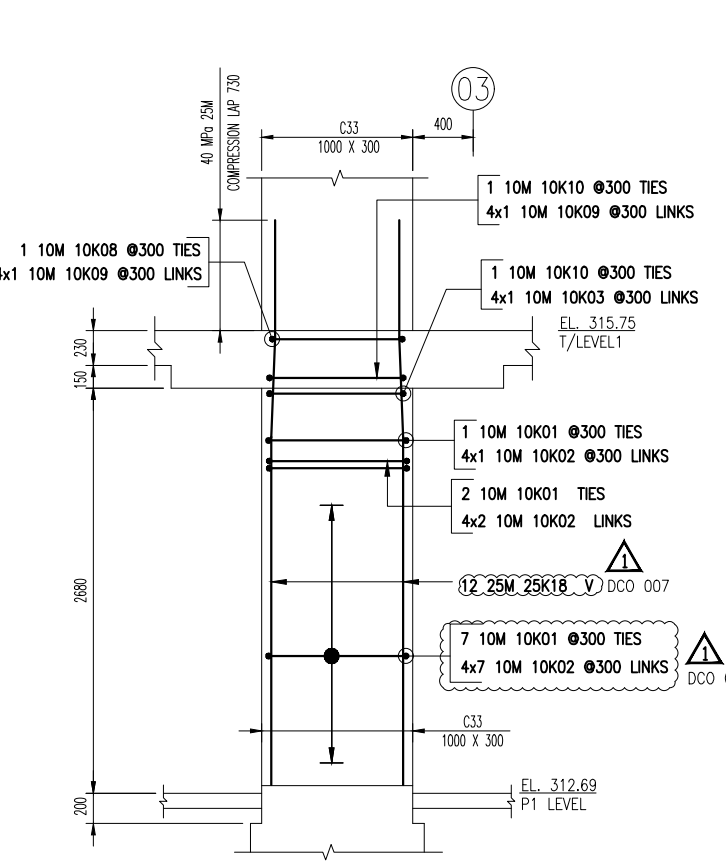




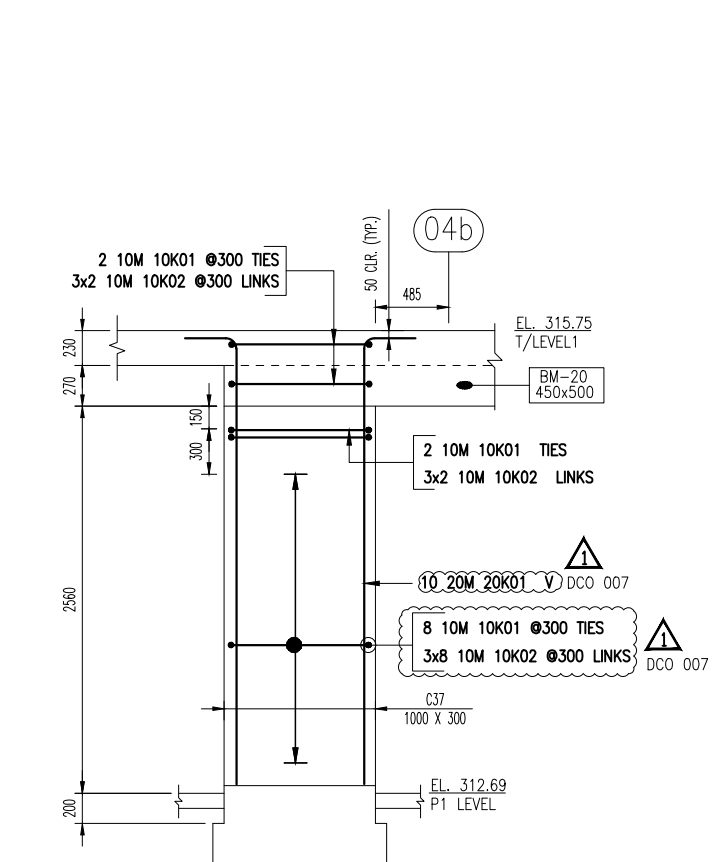
1A C0017-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



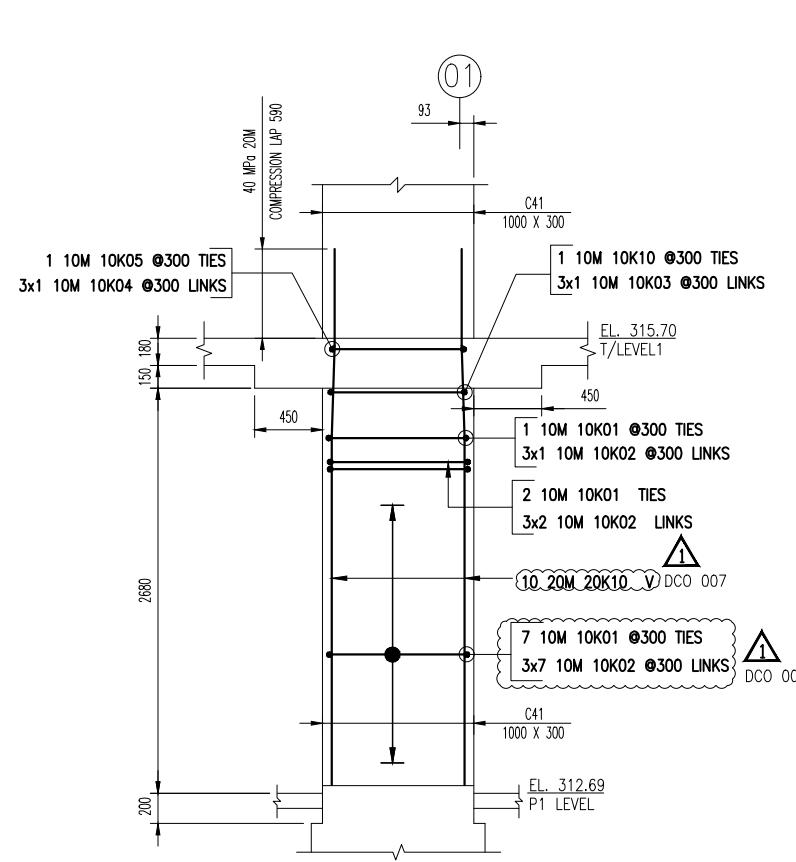
2A C0018-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



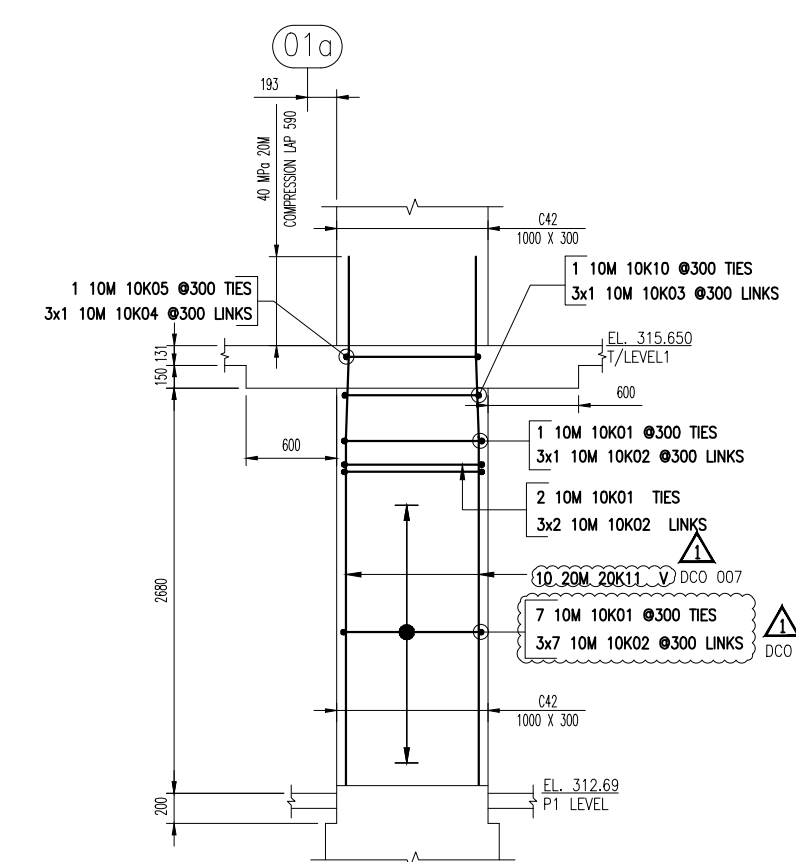
3A C0019-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



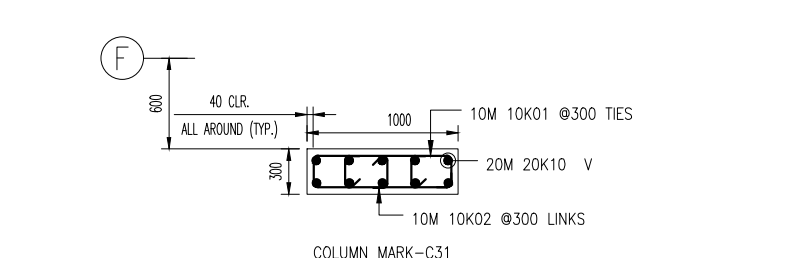
4A C0020-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



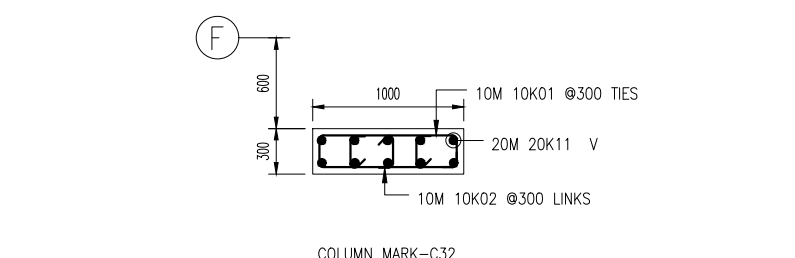
5A C0021-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



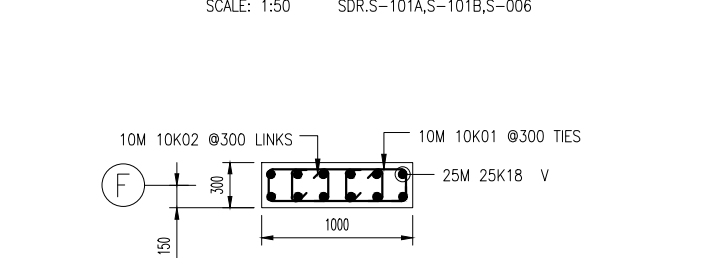
6A C0022-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



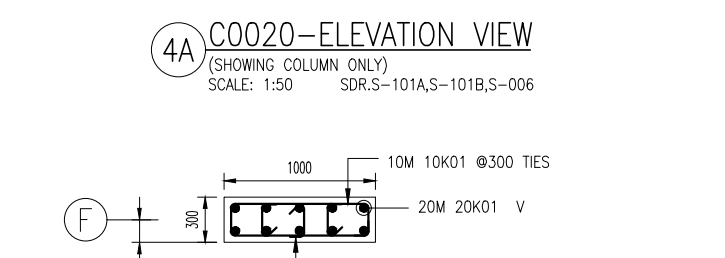
1B C0017-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



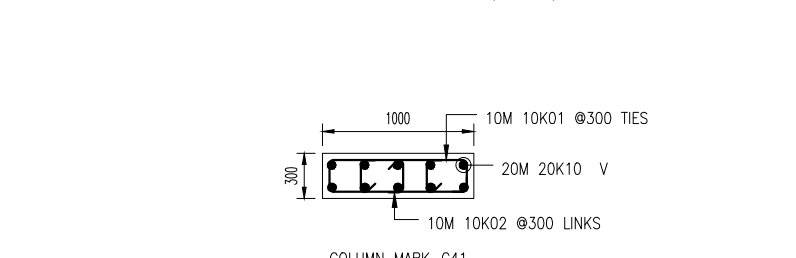
2B C0018-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



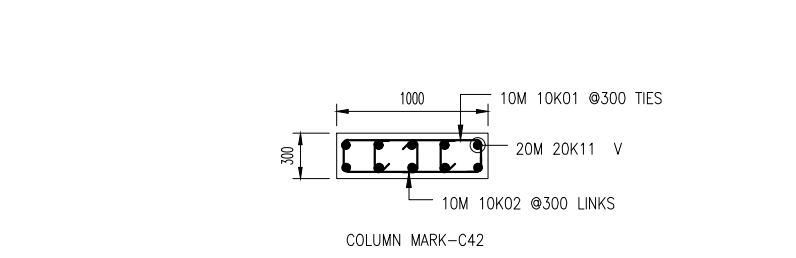
3B C0019-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



4B C0020-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006

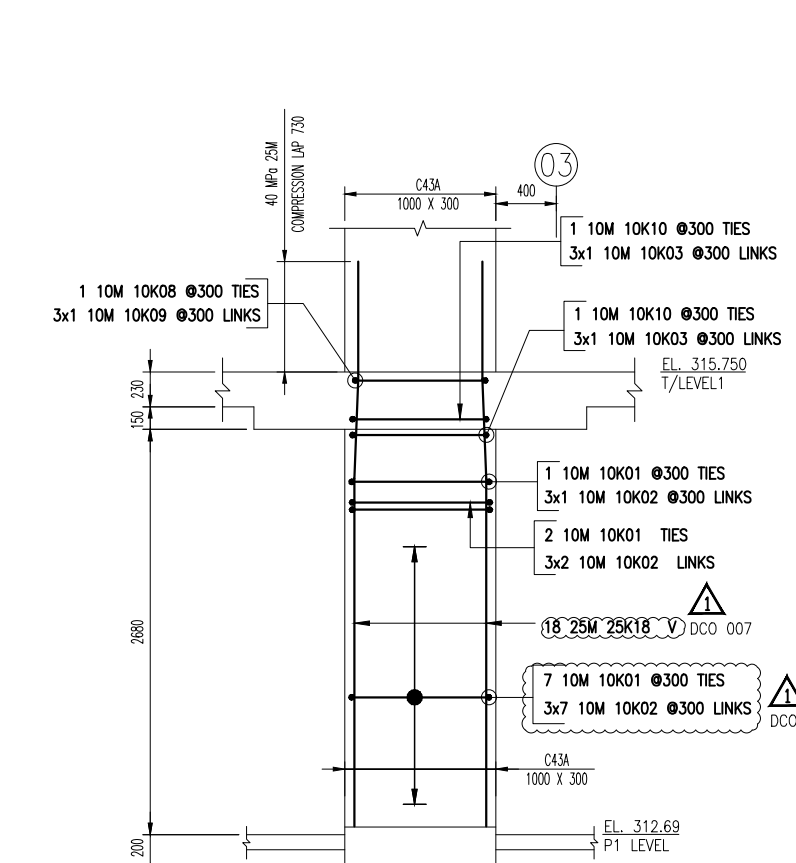


5B C0021-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006

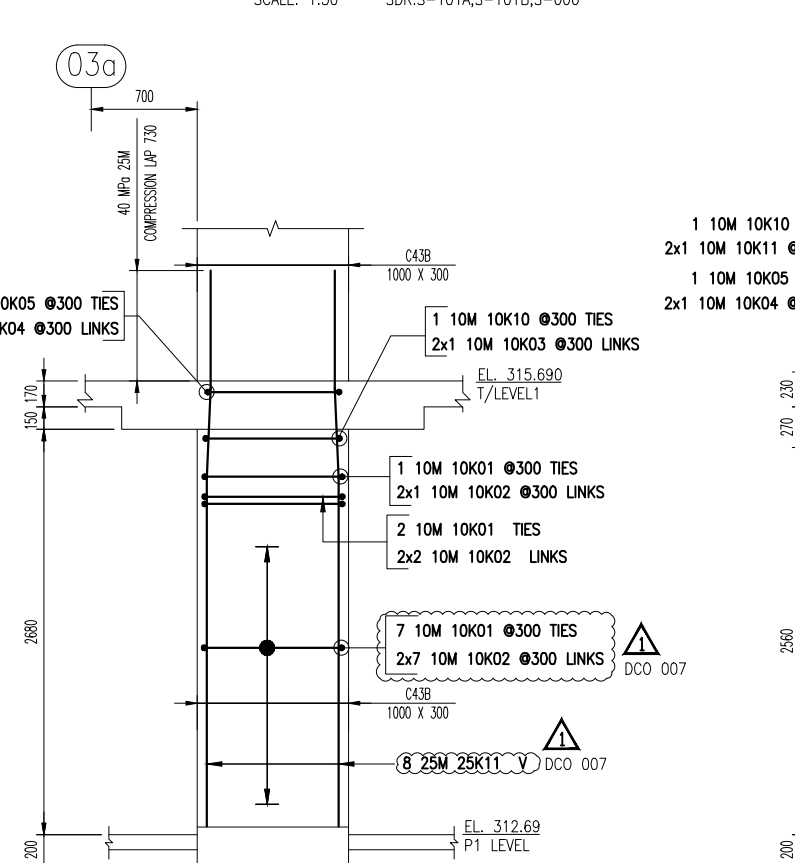


6B C0022-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006

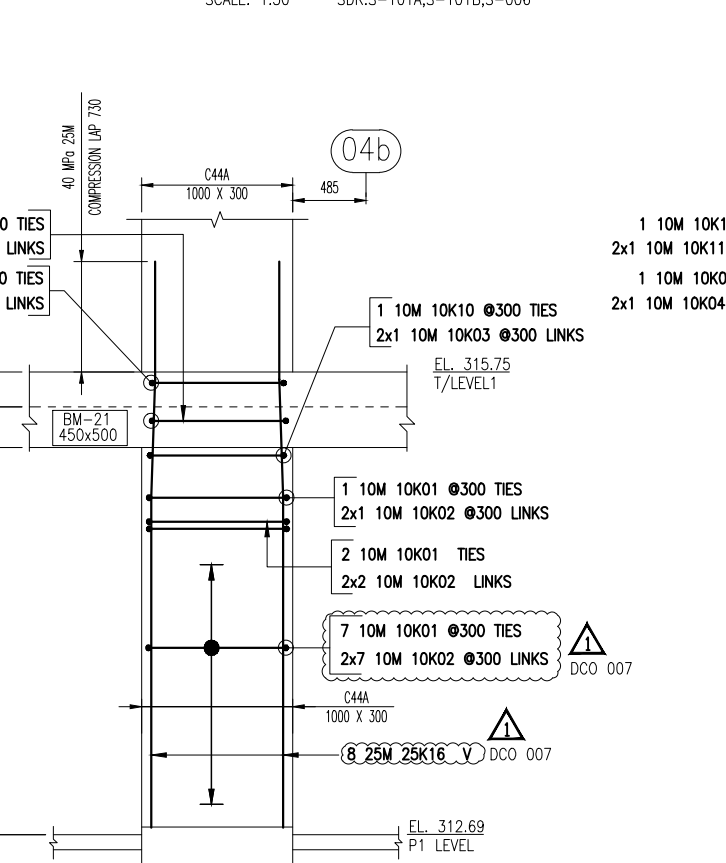
DATA	BAR SIZE	10	15	20	25	30	35
F _y = 400 MPa	COMPRESSION						
F _c = 40 MPa	LAP SPICE	300	440	590	730	880	1030
F _y = 400 MPa	DEVELOPMENT						
F _c = 40 MPa	LENGTH	200	280	350	440	530	630



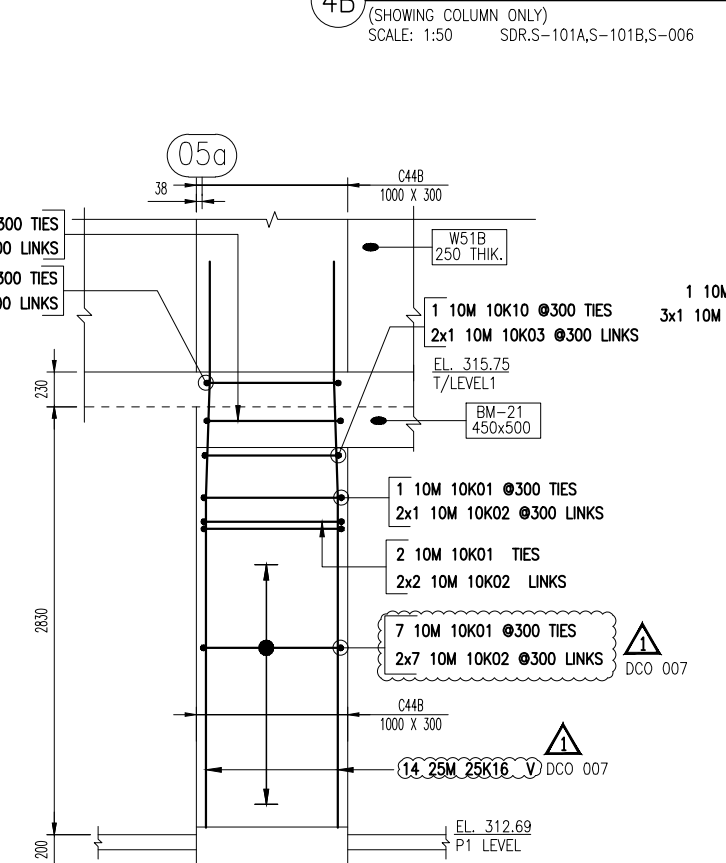
7A C0023-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



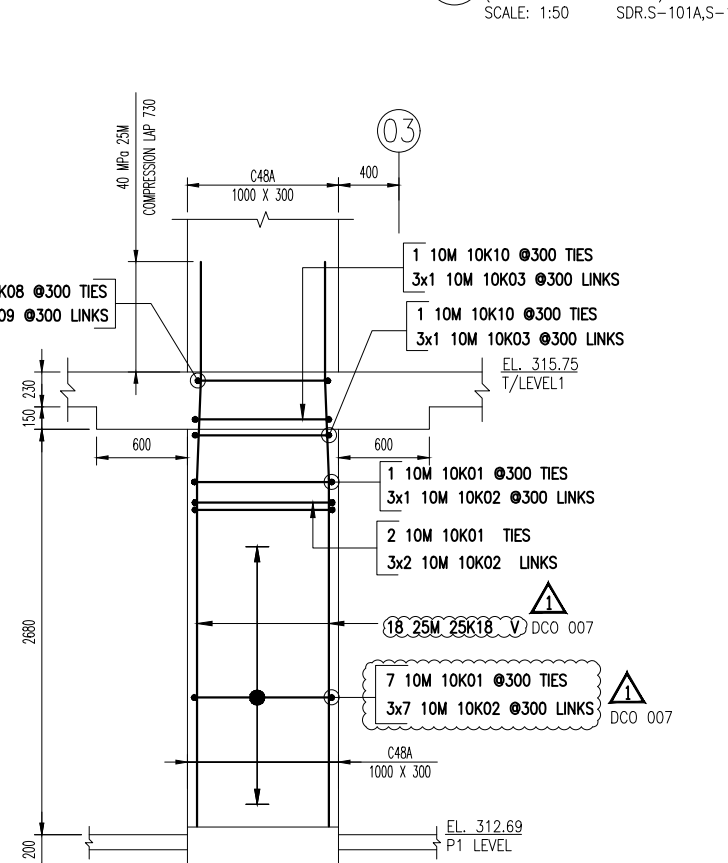
8A C0024-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



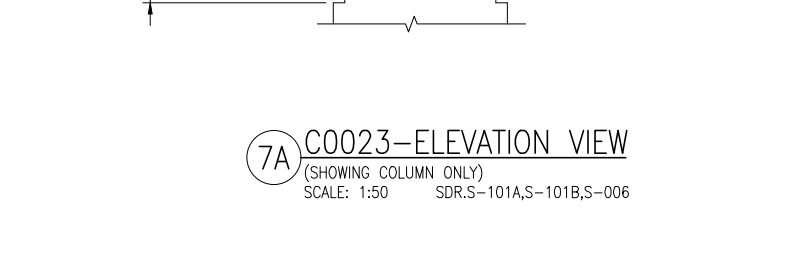
9A C0025-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



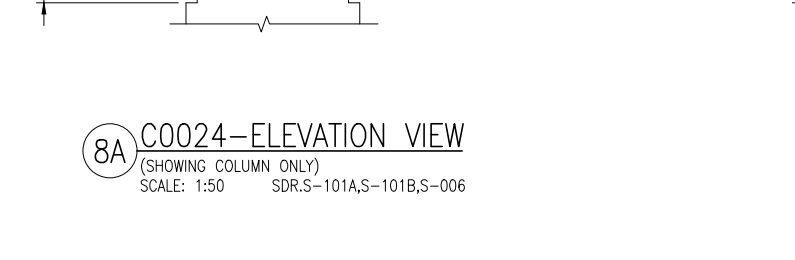
10A C0026-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



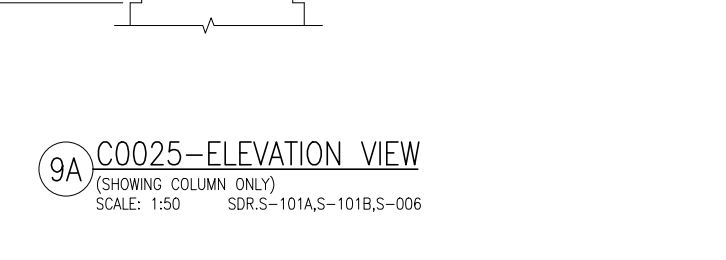
11A C0027-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



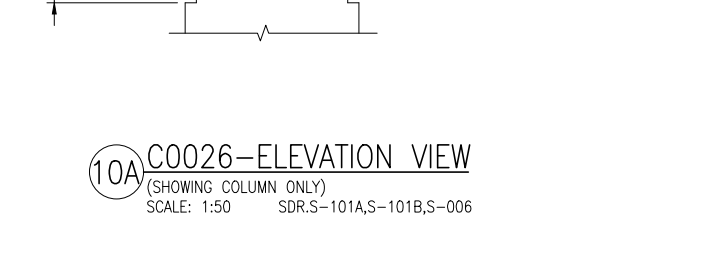
7B C0023-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



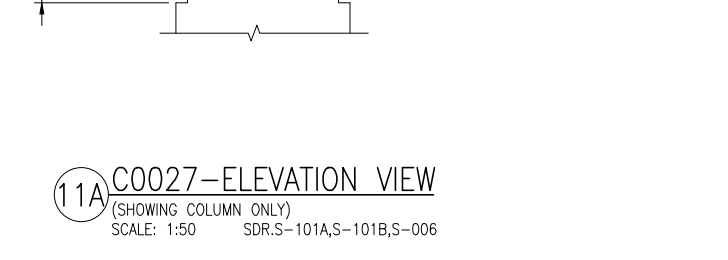
8B C0024-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



9B C0025-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



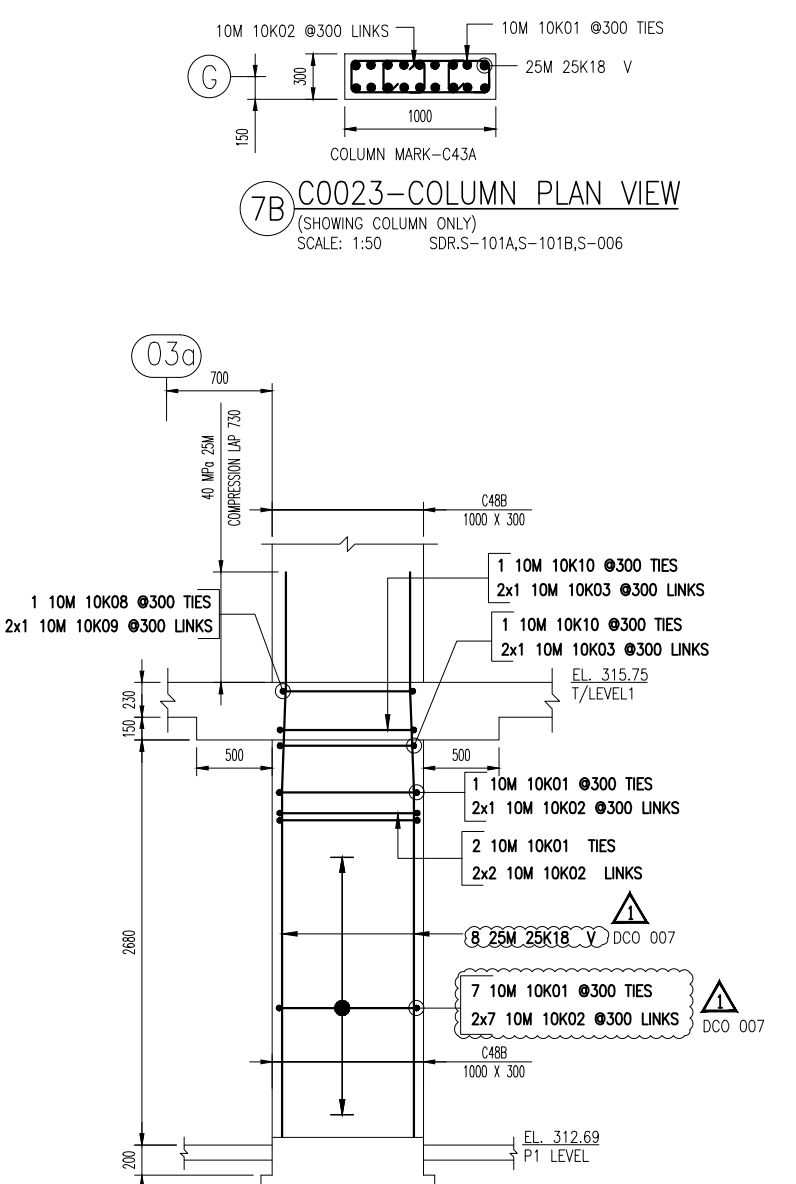
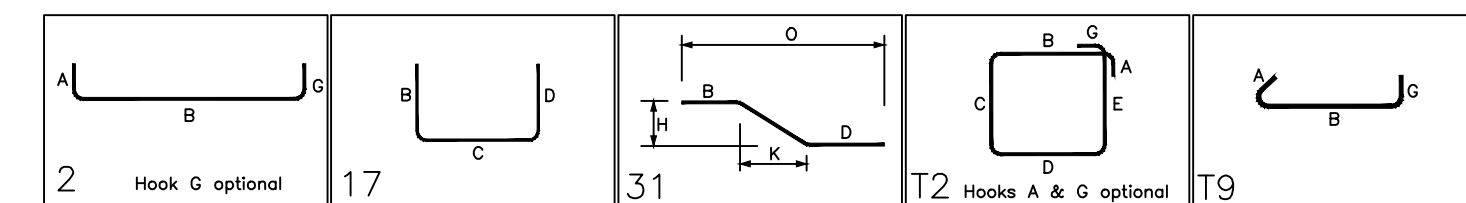
10B C0026-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



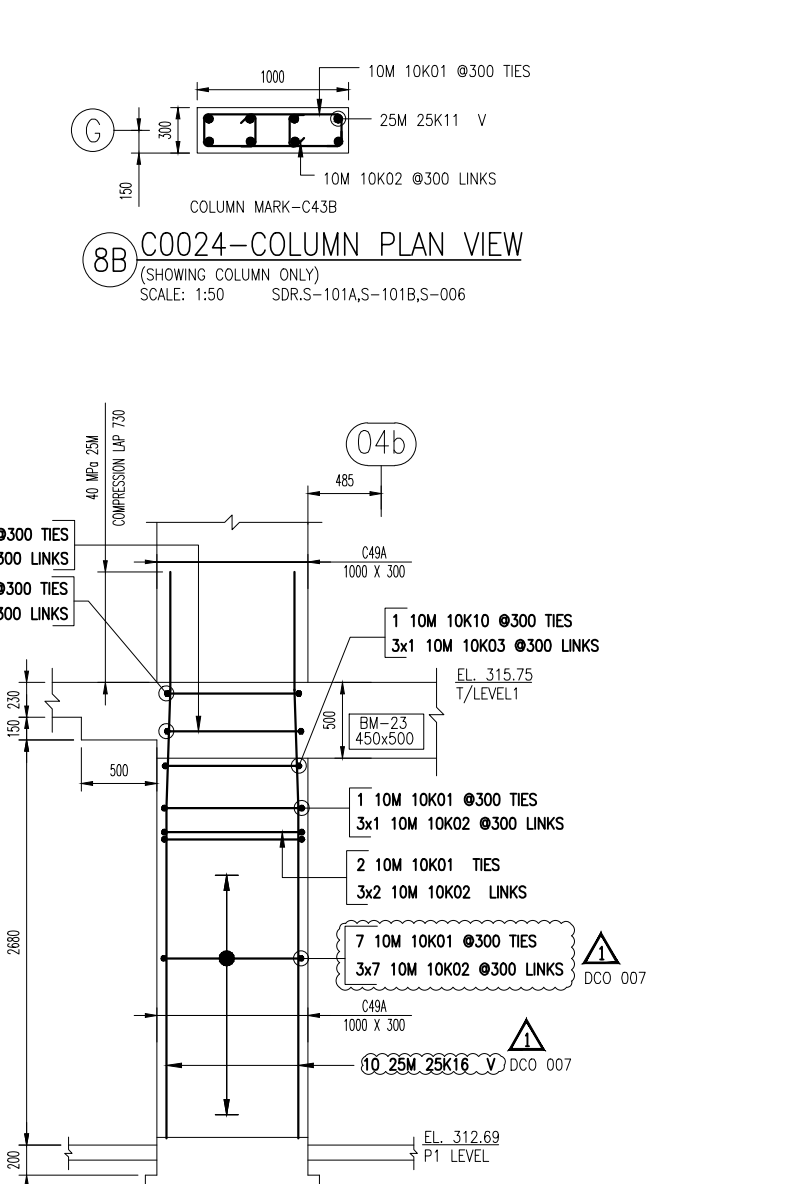
11B C0027-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006

Bar Mark	Qty	Size	Total Length	Type	X	Y	U	V	W	X	Y	U	V	W	X	Y	U	V	W
10K01	154	10M	2480	T2	100	220	920	220	920										
10K02	432	10M	4320	T9	100	220													
10K03	47	10M	470	T9	100	200													
10K04	24	10M	380	T9	100	180													
10K05	9	10M	2320	T2	100	180	880	180	880										
10K06	4	10M	2280	T2	100	170	870	170	870										
10K09	16	10M	370	T9	100	170													
10K10	21	10M	2380	T2	100	195	895	195	895										
10K11	7	10M	380	T9	100	190													
20K01	10	20M	3310	T7			350	2960											
20K02	10	20M	3595	T7			2300	655	640										
20K10	20	20M	3545	T7			2300	655	640										
20K11	20	20M	3495	T7			2300	555	640										
25K11	8	25M	3675	T7			2300	595	780										
25K16	32	25M	3745	T7			2190	775	780										
25K18	56	25M	3735	T7			2300	655	780										
25K20	10	25M	3360	T2			400	2960											

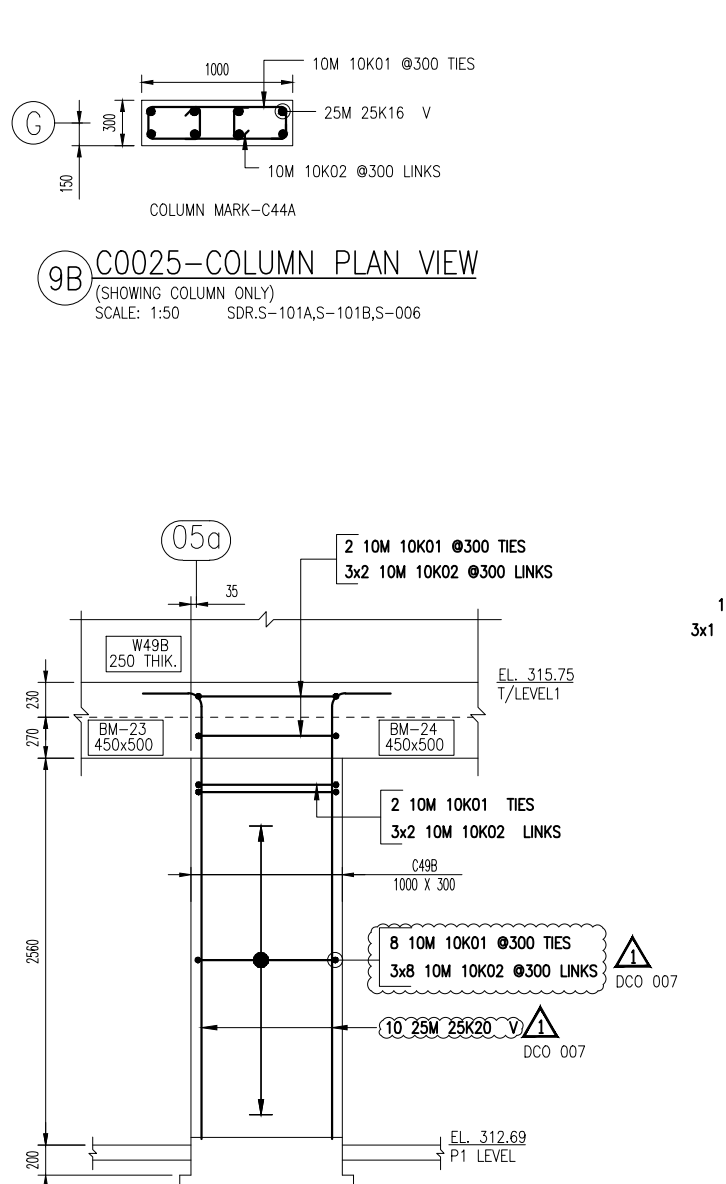
Bar list produced by Rebar2000



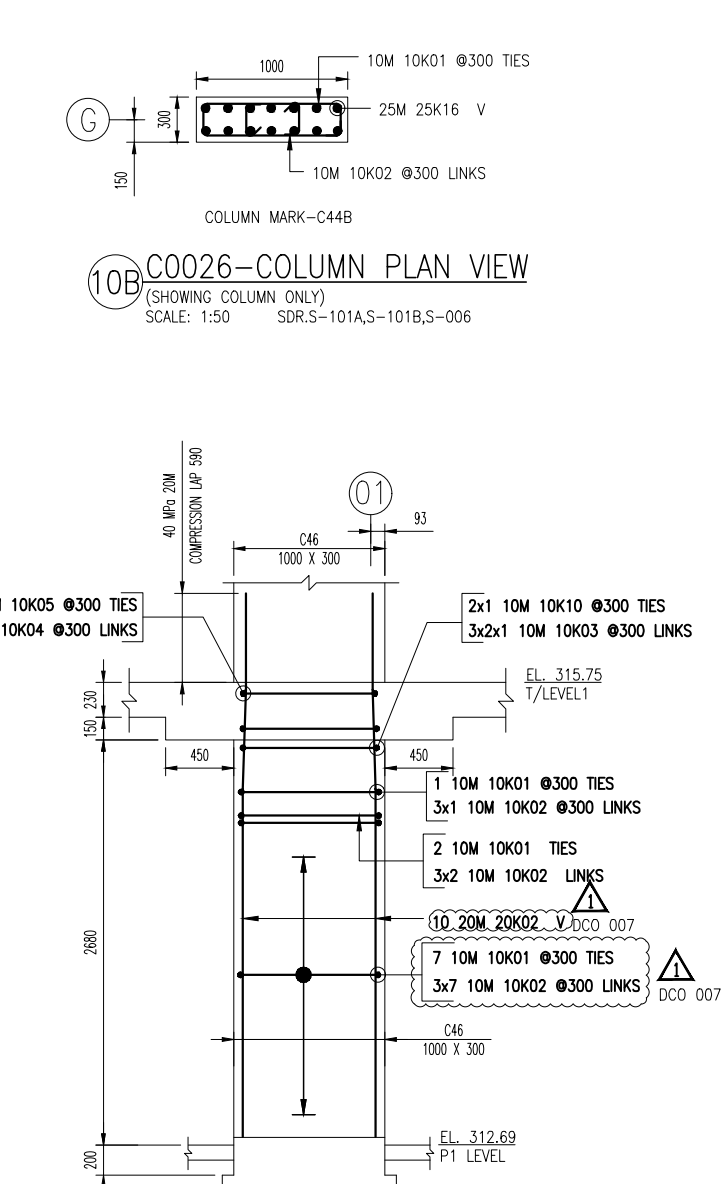
12A C0028-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



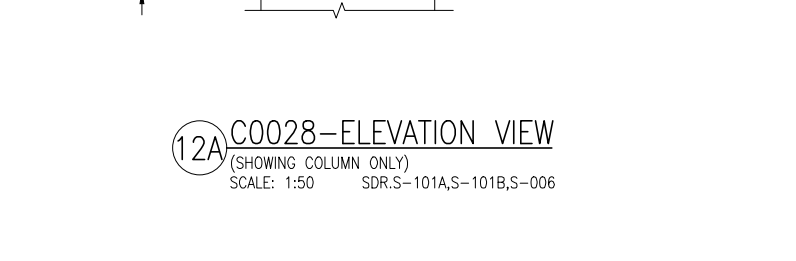
13A C0029-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



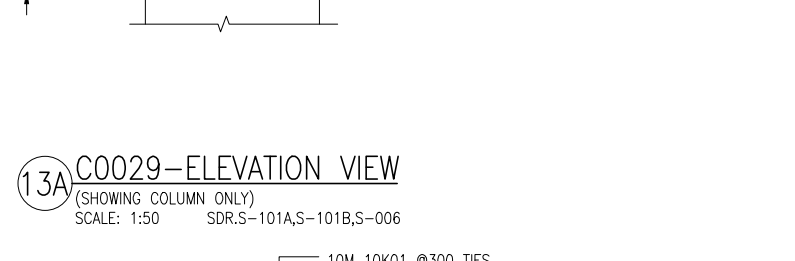
14A C0030-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



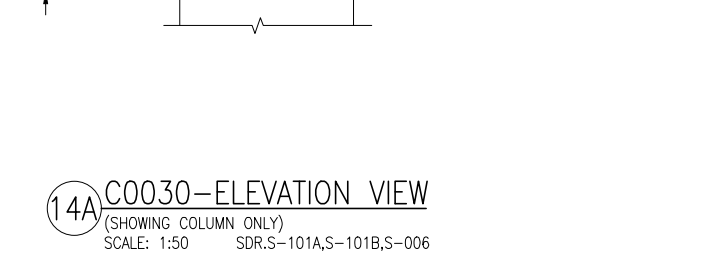
15A C0031-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



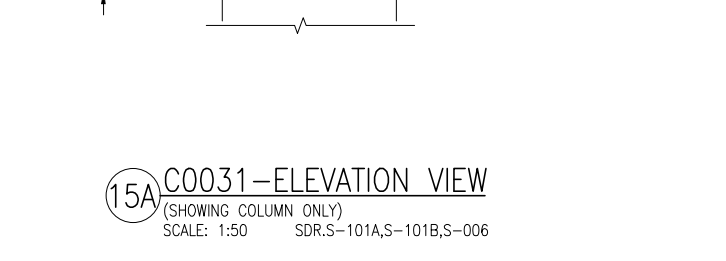
12B C0028-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



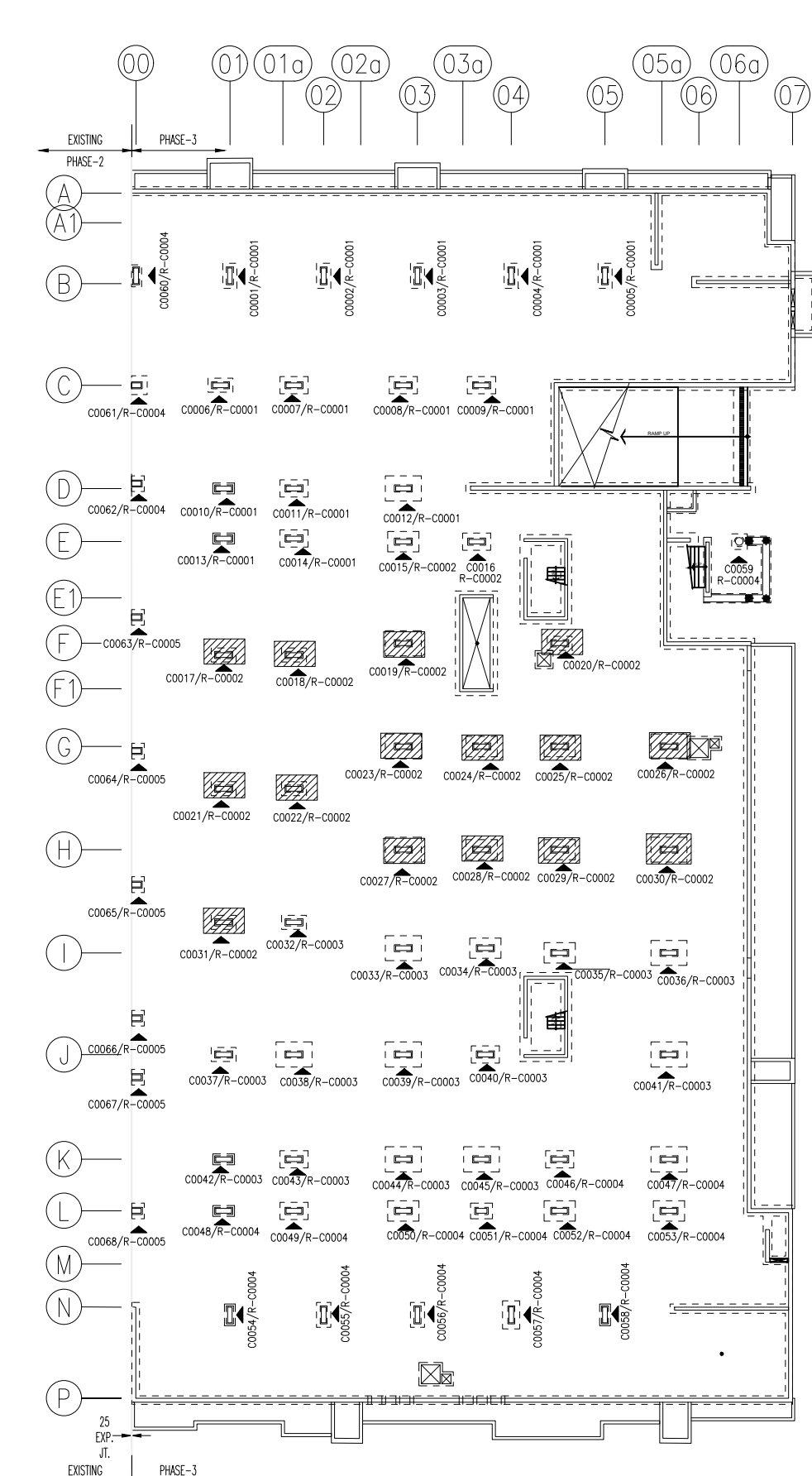
13B C0029-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



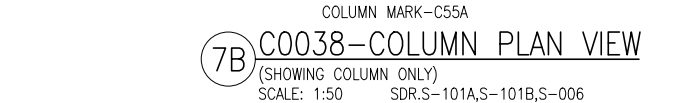
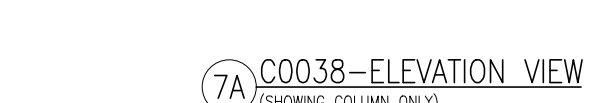
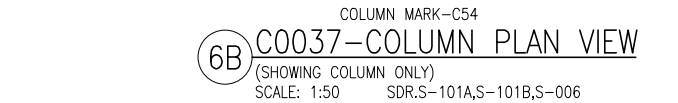
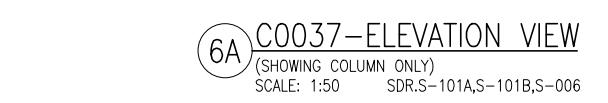
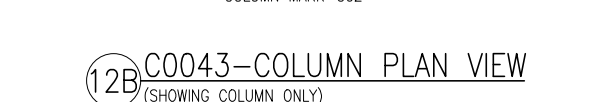
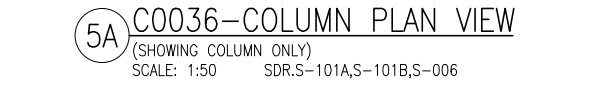
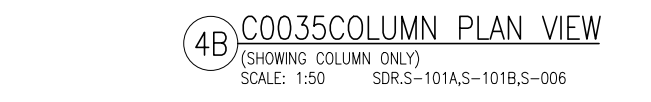
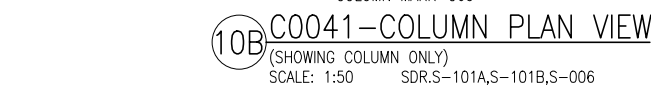
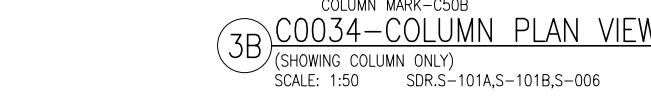
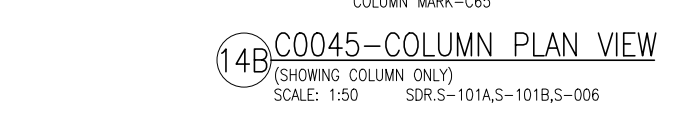
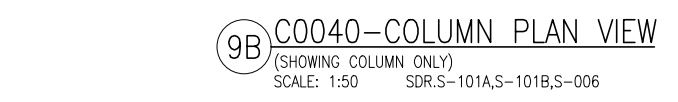
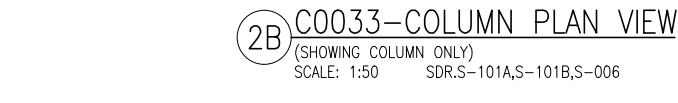
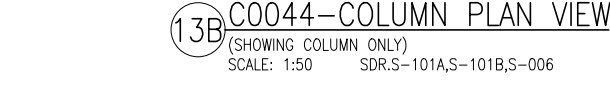
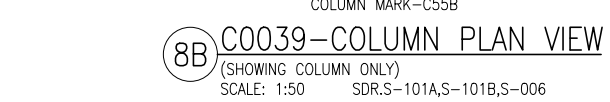
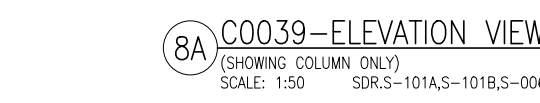
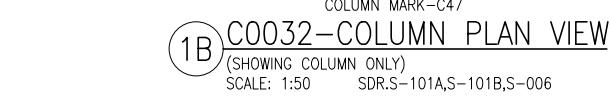
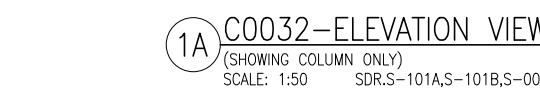
14B C0030-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



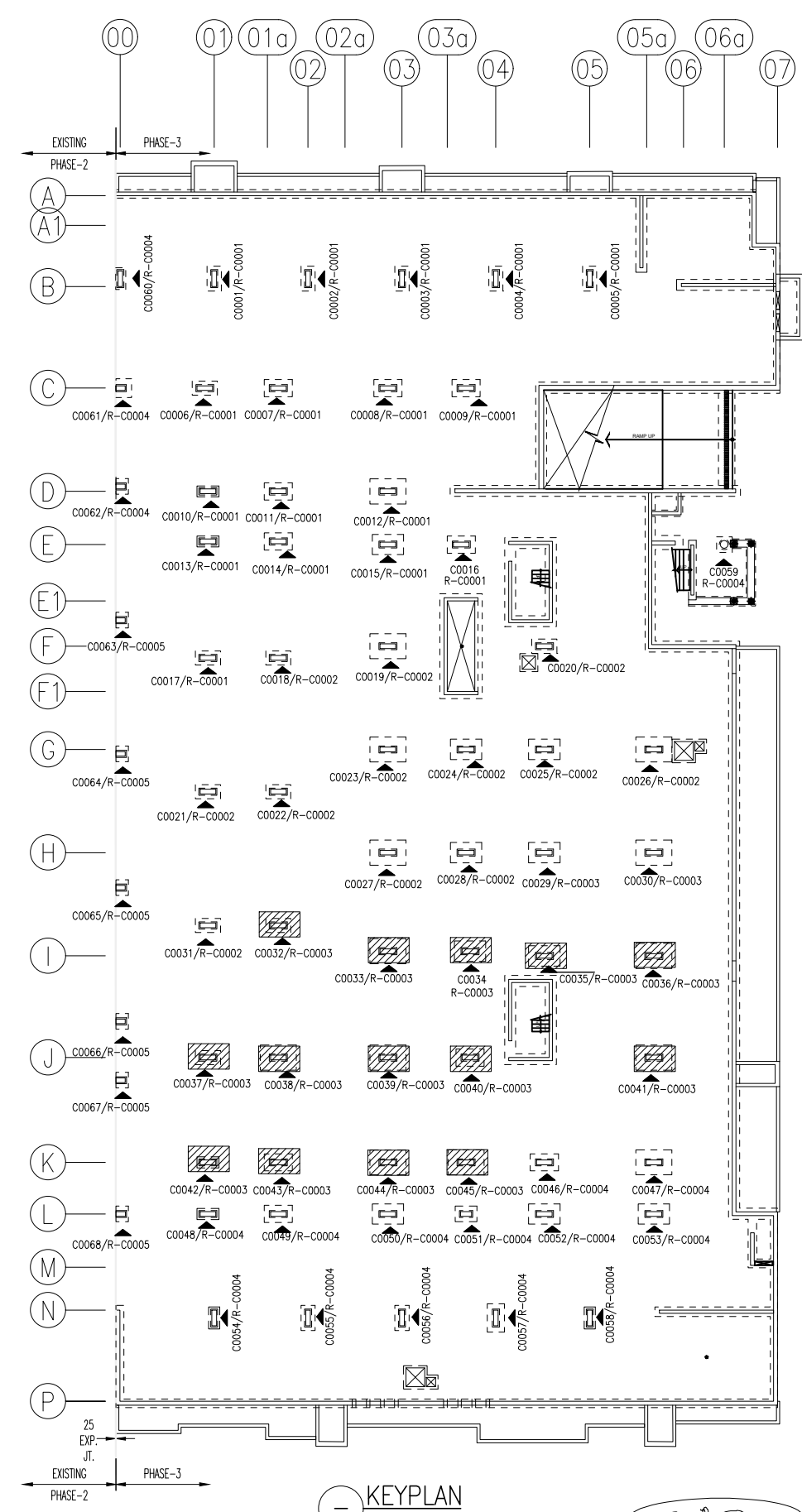
15B C0031-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-S-101A5-101B5-006



KEY PLAN
SCALE: 1:50 SRS-S-101A & S-101B

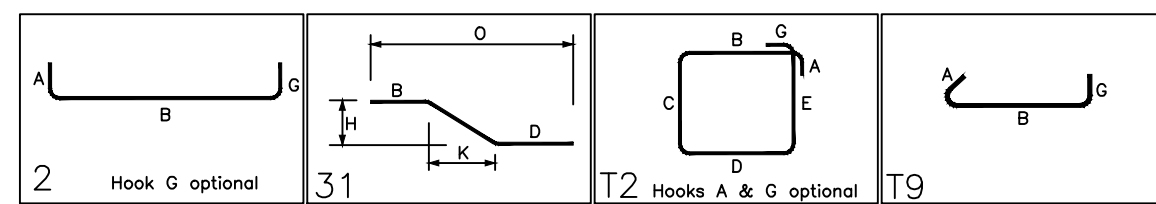


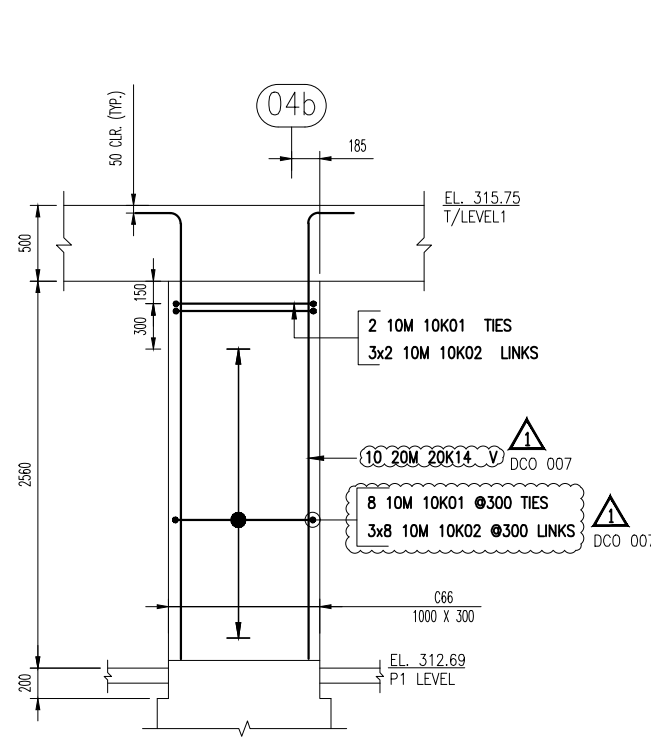
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS							
DATA		BAR SIZE					
		10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $f'_c = 40 \text{ MPa}$	COMPRESSION LAP SPLICE	300	440	590	730	880	1030
$F_y = 400 \text{ MPa}$ $f'_c = 40 \text{ MPa}$	DEVELOPMENT LENGTH	200	280	350	440	530	630



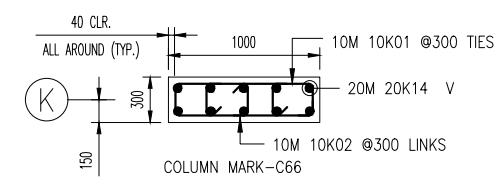
KEYPLAN
SCALE: NTS SDR. S-101A & S-101B

Drawing Set: R-0003				BHP LIST															
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	X''	Y''	Z''	X'''	Y'''	Z'''	X''''	Y''''	Z''''	X'''''	Y'''''	Z'''''
10W01	144	10M	2480	T2	100	220	920	220	920				100						
10K02	396	10M	420	T9	100	220							100						
10K03	42	10M	400	T9	100	200							100						
10K04	9	10M	380	T9	100	180							100						
10K05	3	10M	2320	T2	100	180	880	180	880				100						
10K06	1	10M	2240	T2	100	180	880	160	880				100						
10K07	3	10M	360	T9	100	160							100						
10K08	4	10M	2280	T2	100	170	870	170	870				100						
10K09	10	10M	370	T9	100	170							100						
10K10	15	10M	2360	T2	100	195	895	195	895				100						
20K02	20	20M	3595	31		2300	655	640						40			655	3565	
20K08	10	20M	3575	31		2300	635	640						40			635	3575	
20K09	20	20M	3220	2	310	2910													
25K03	10	25M	3310	2	400	2910													
25K05	14	25M	3655	31		2300	695	780						50			695	3685	
25K16	10	25M	3745	31		2180	775	780						50			775	3745	
25K18	18	25M	3735	31		2300	655	780						50			655	3735	
25K20	24	25M	3360	2	400	2960													
35K01	16	35M	3900	31		2300	660	930						60					
35K01	10	35M	3820	2	610	2910											655	3885	

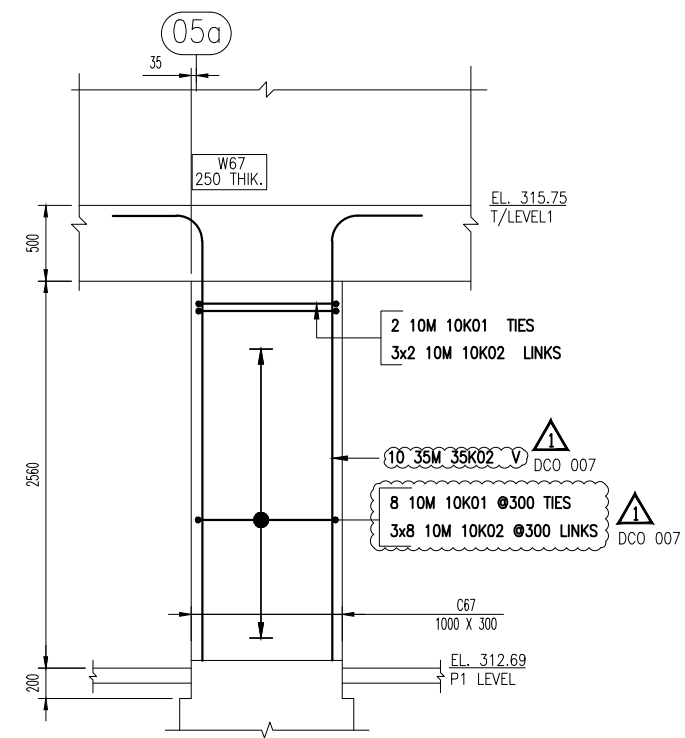




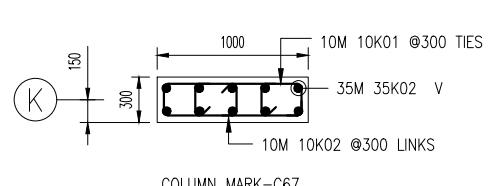
1A C0046-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



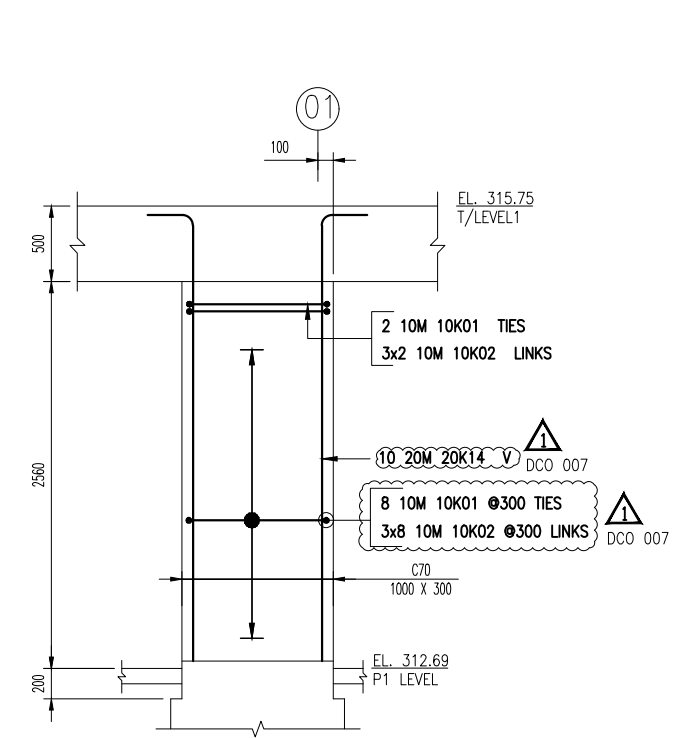
1B C0046-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



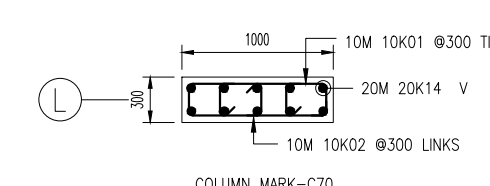
2A C0047-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



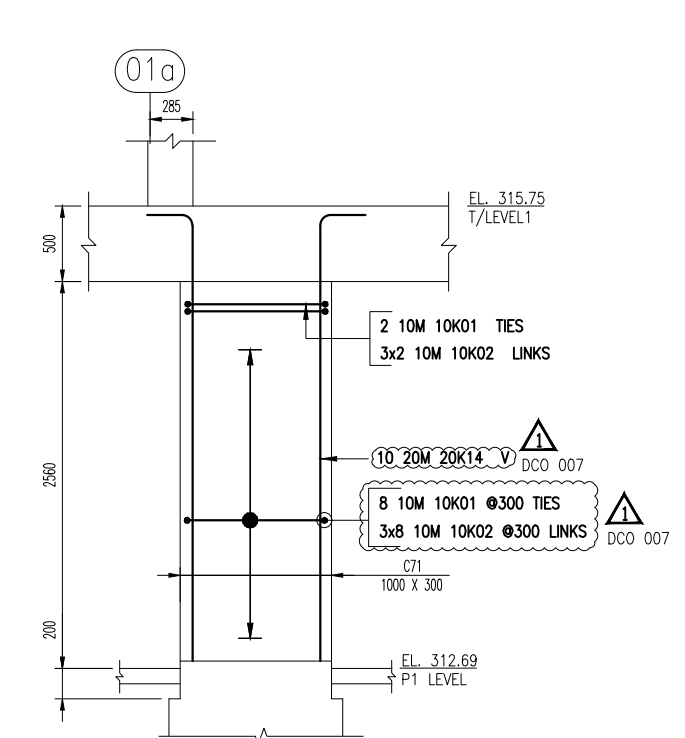
2B C0047-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



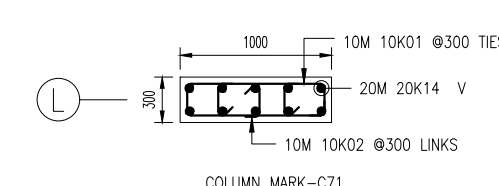
3A C0048-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



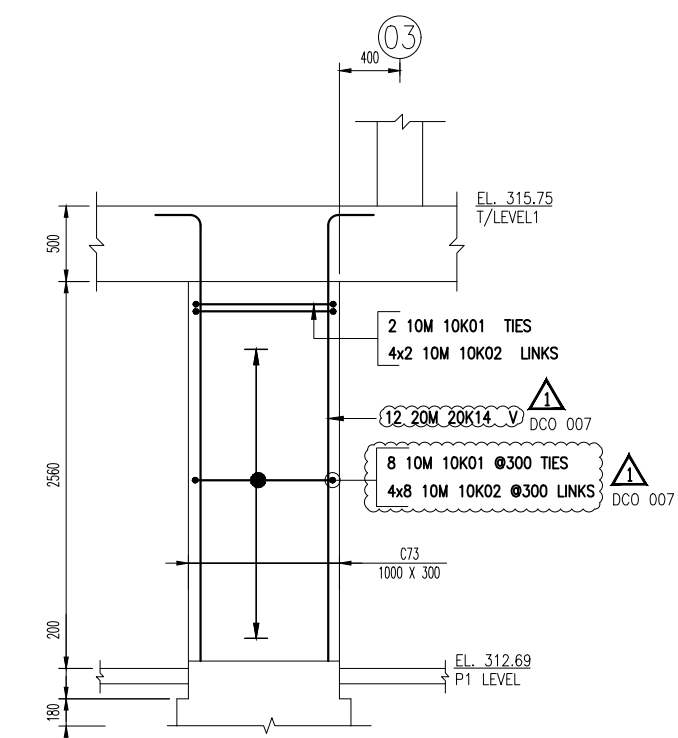
3B C0048-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



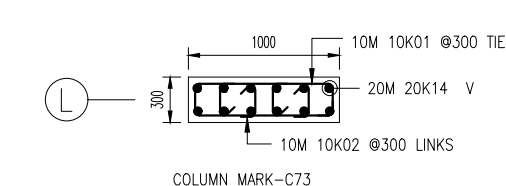
4A C0049-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



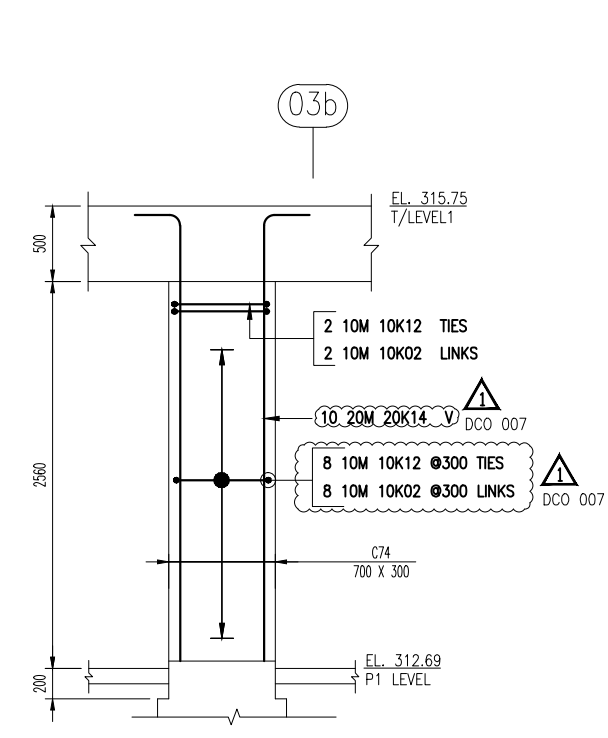
4B C0049-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



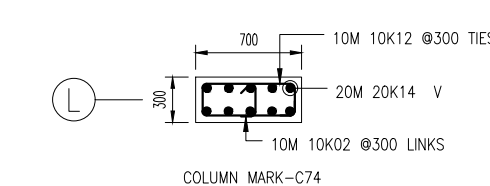
5A C0050-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



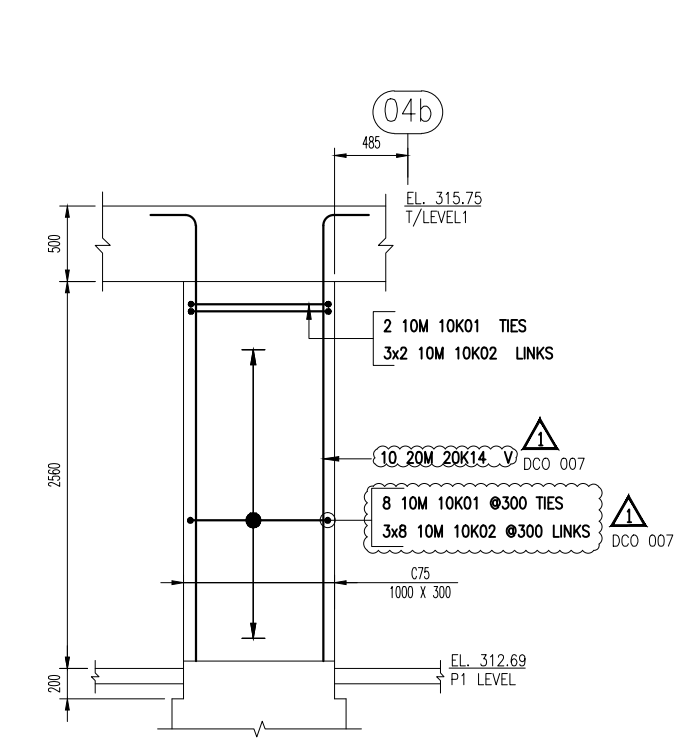
5B C0050-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



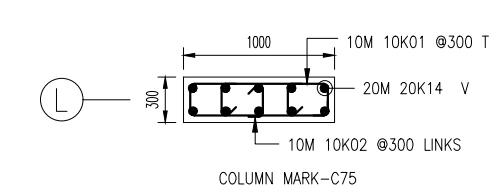
6A C0051-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



6B C0051-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

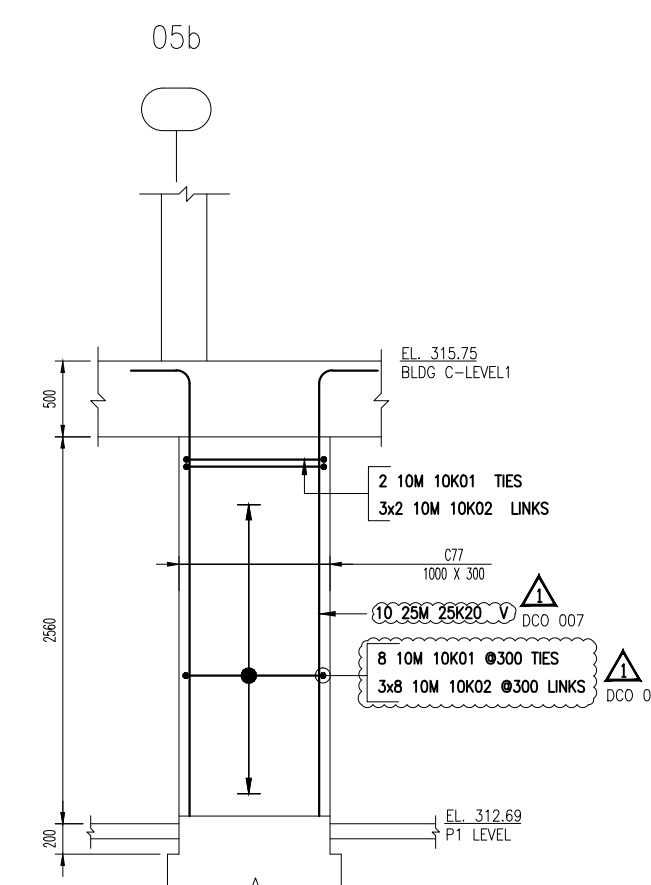


7A C0052-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

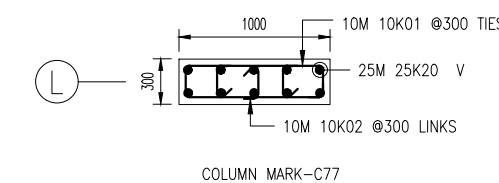


7B C0052-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

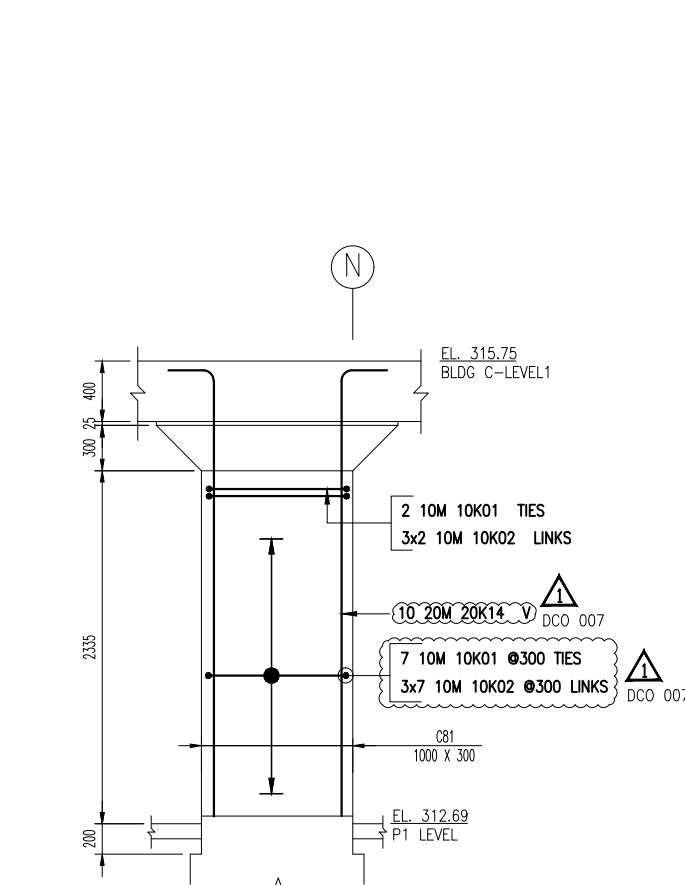
LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA	COMPRESSION	10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $F_c = 40 \text{ MPa}$	LAP SPICE	300	440	590	730	880	1030
$F_y = 400 \text{ MPa}$ $F_c = 40 \text{ MPa}$	DEVELOPMENT LENGTH	200	280	350	440	530	630



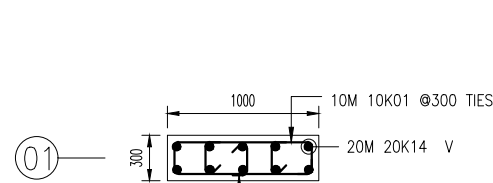
8A C0053-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



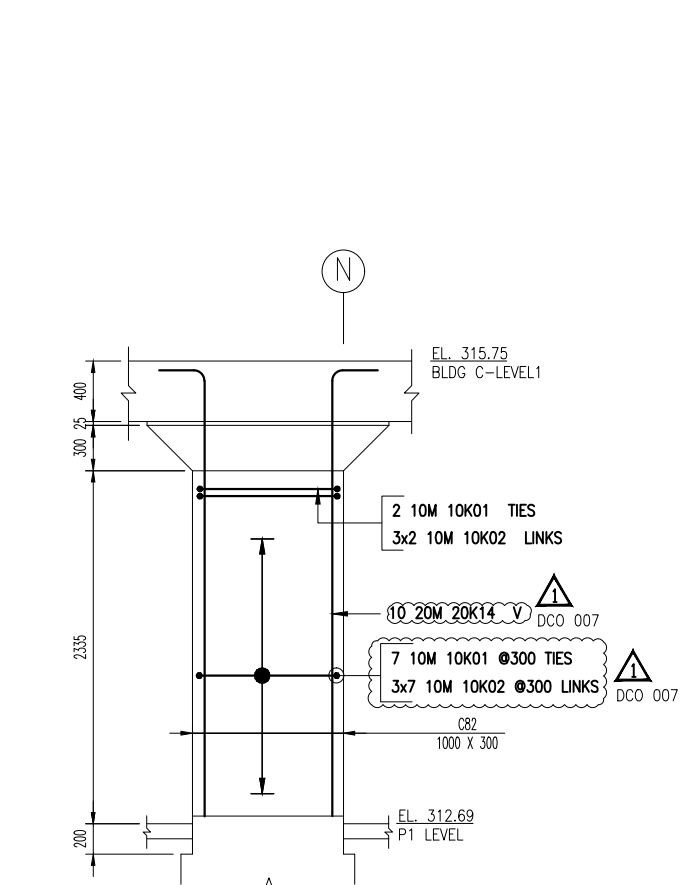
8B C0053-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



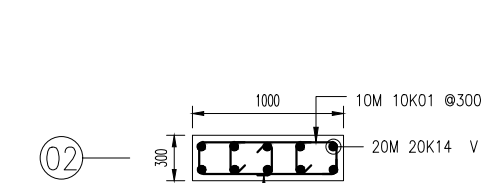
9A C0054-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



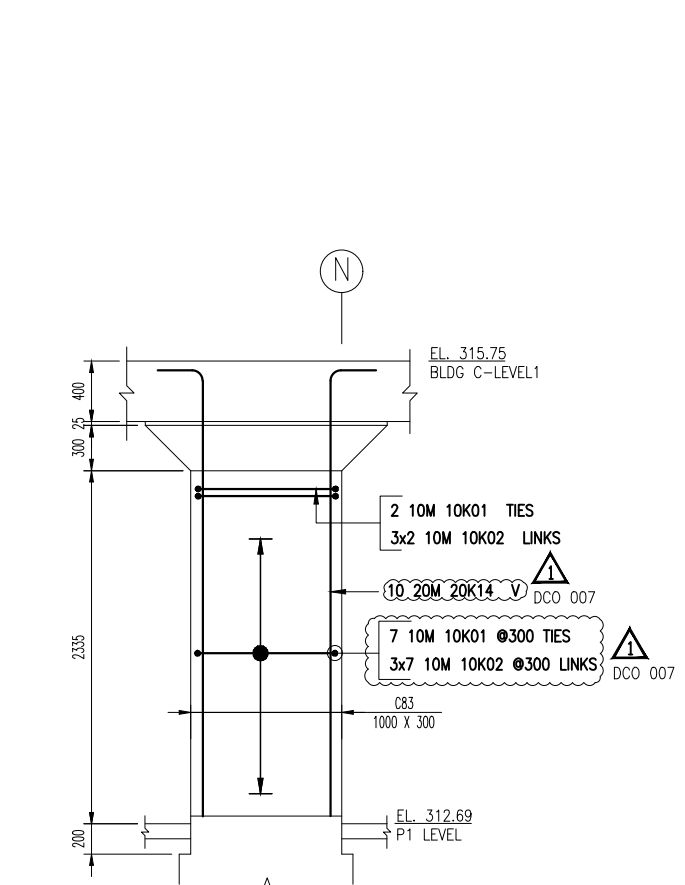
9B C0054-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



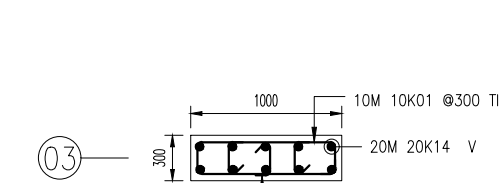
10A C0055-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



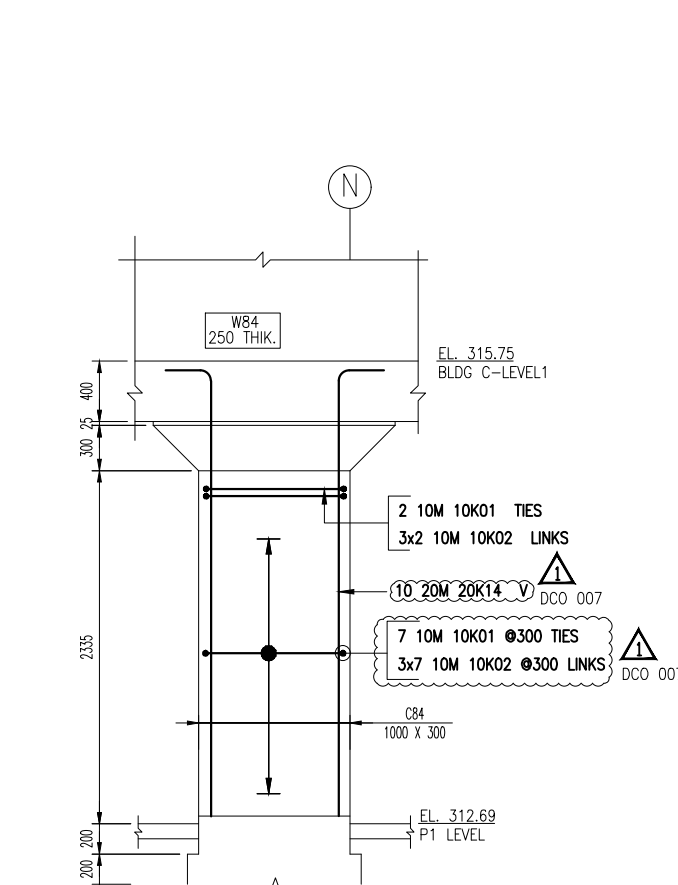
10B C0055-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



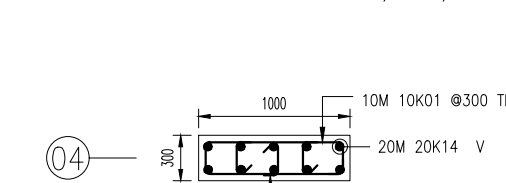
11A C0056-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



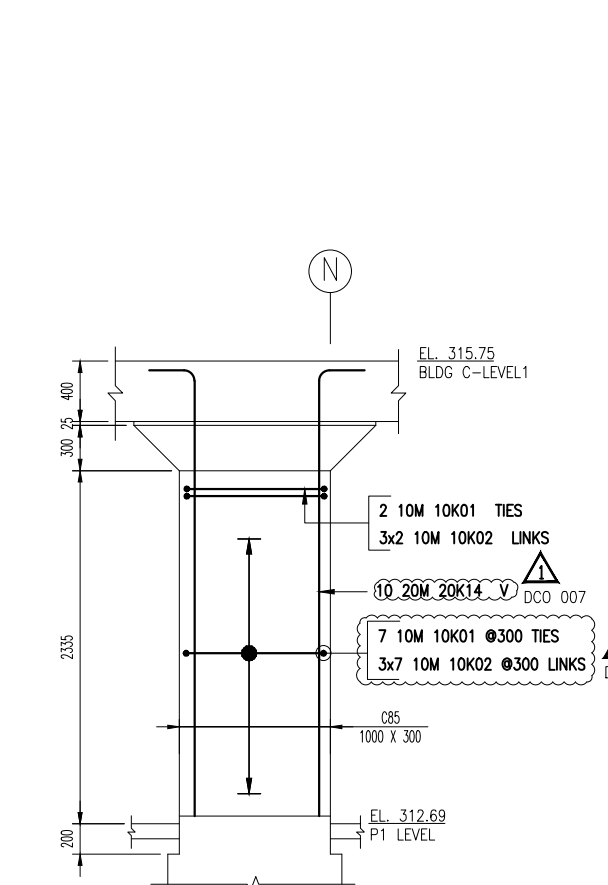
11B C0056-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



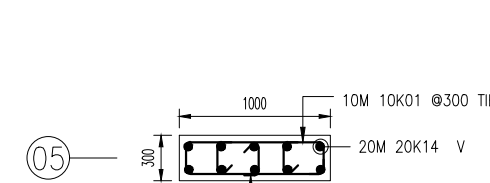
12A C0057-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



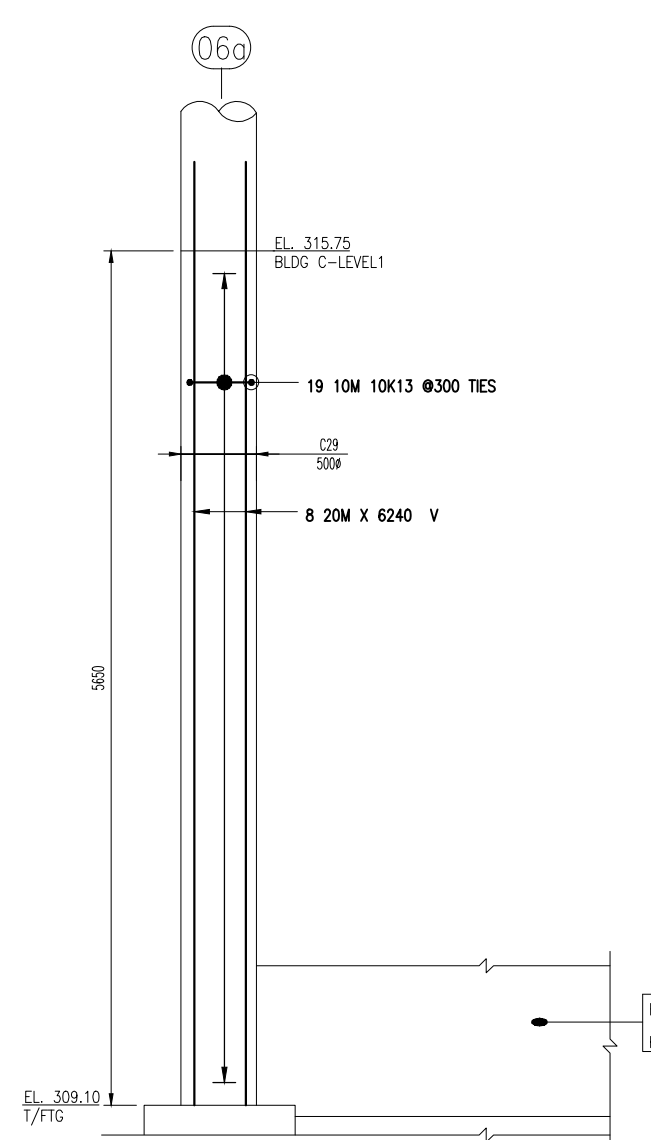
12B C0057-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



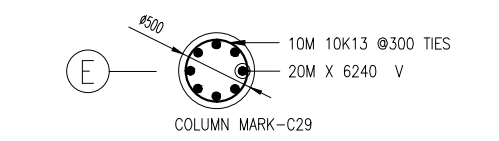
13A C0058-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



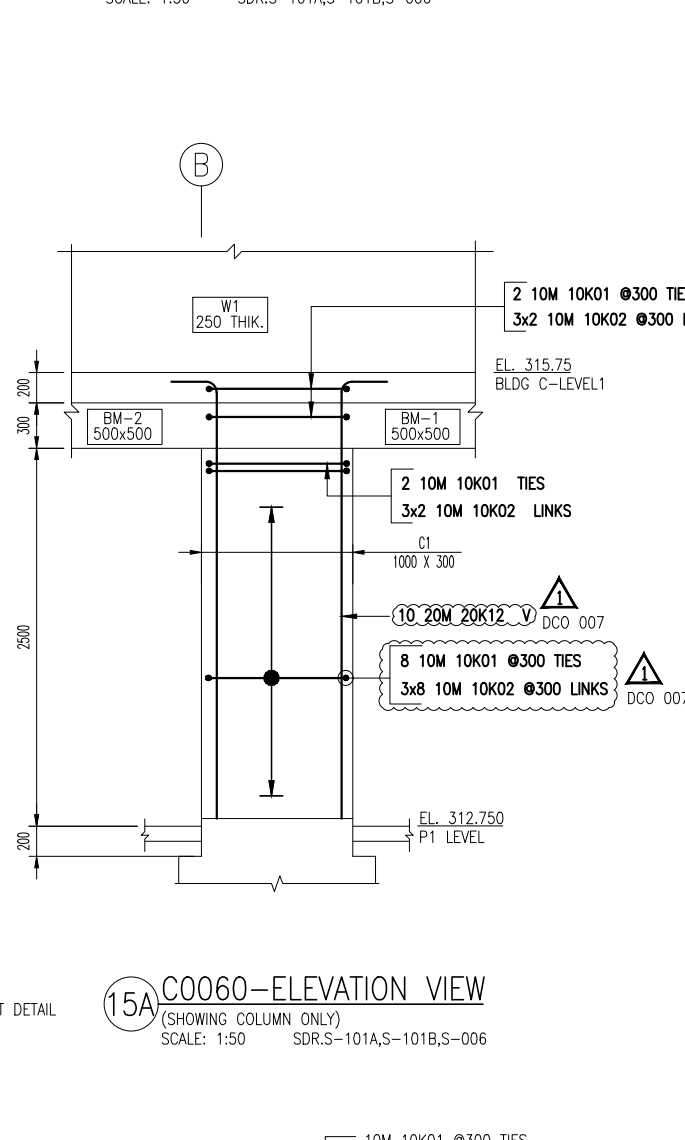
13B C0058-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



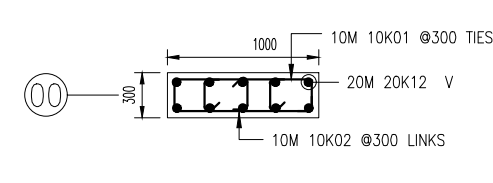
14A C0059-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



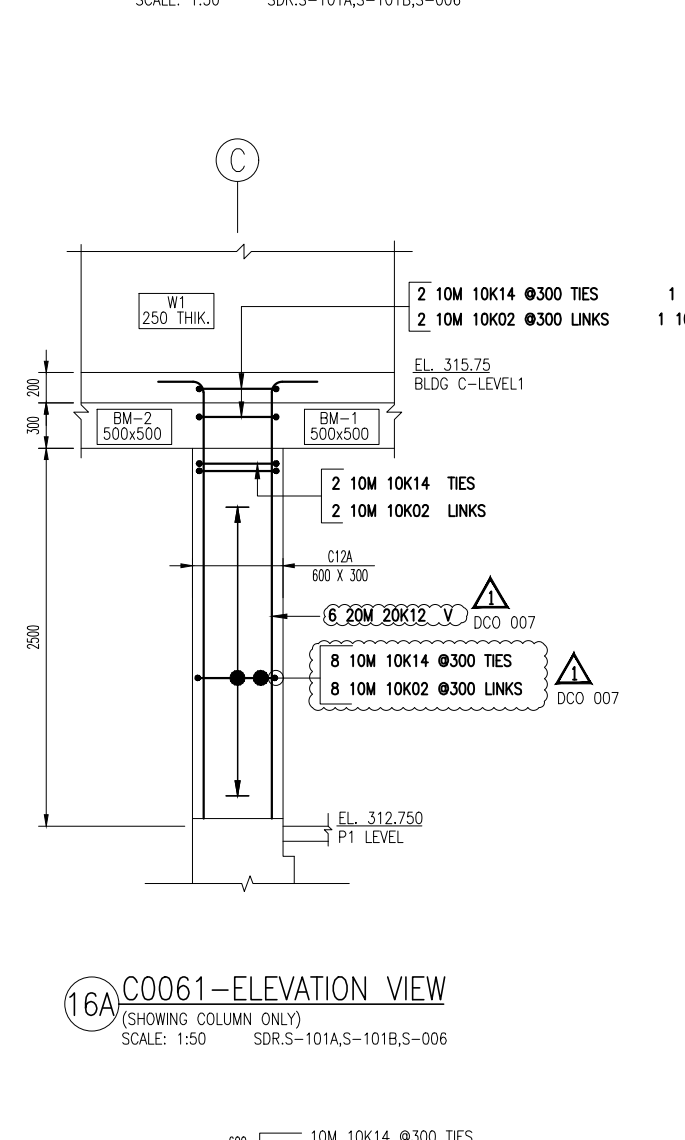
14B C0059-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



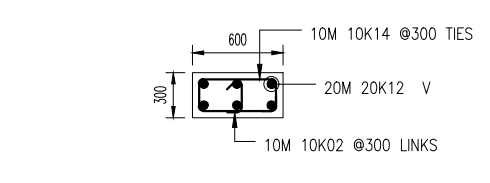
15A C0060-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



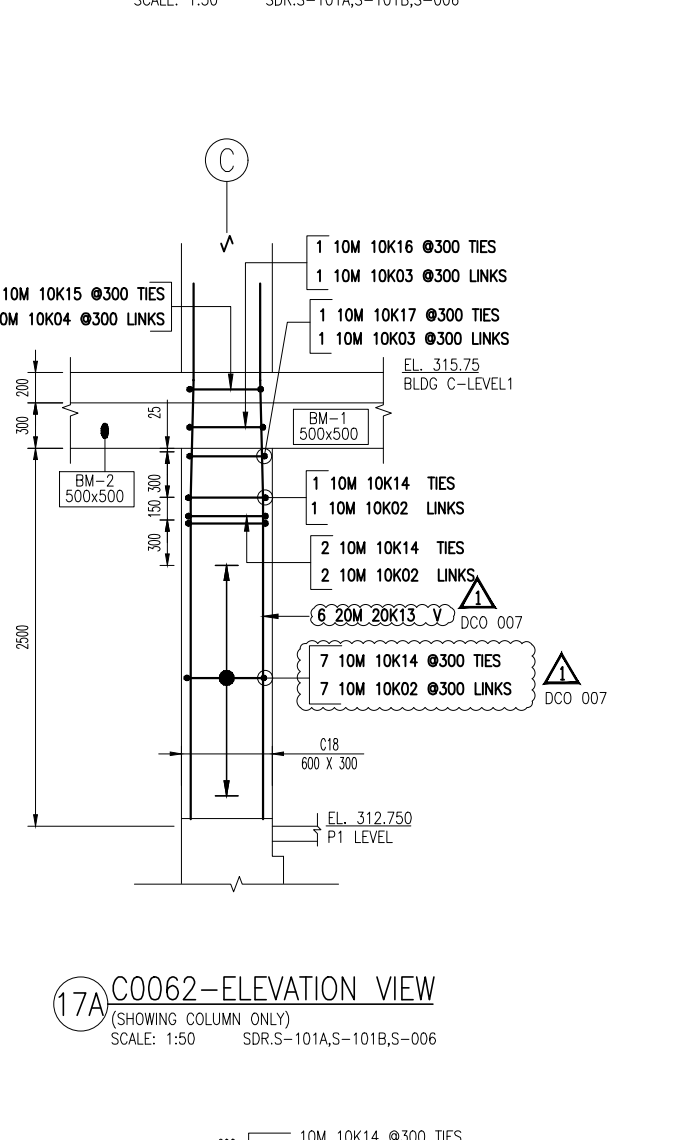
15B C0060-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



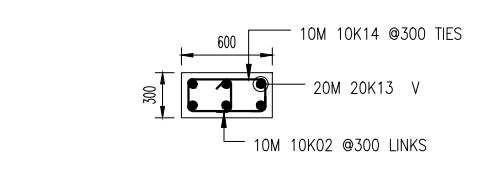
16A C0061-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



16B C0061-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



17A C0062-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

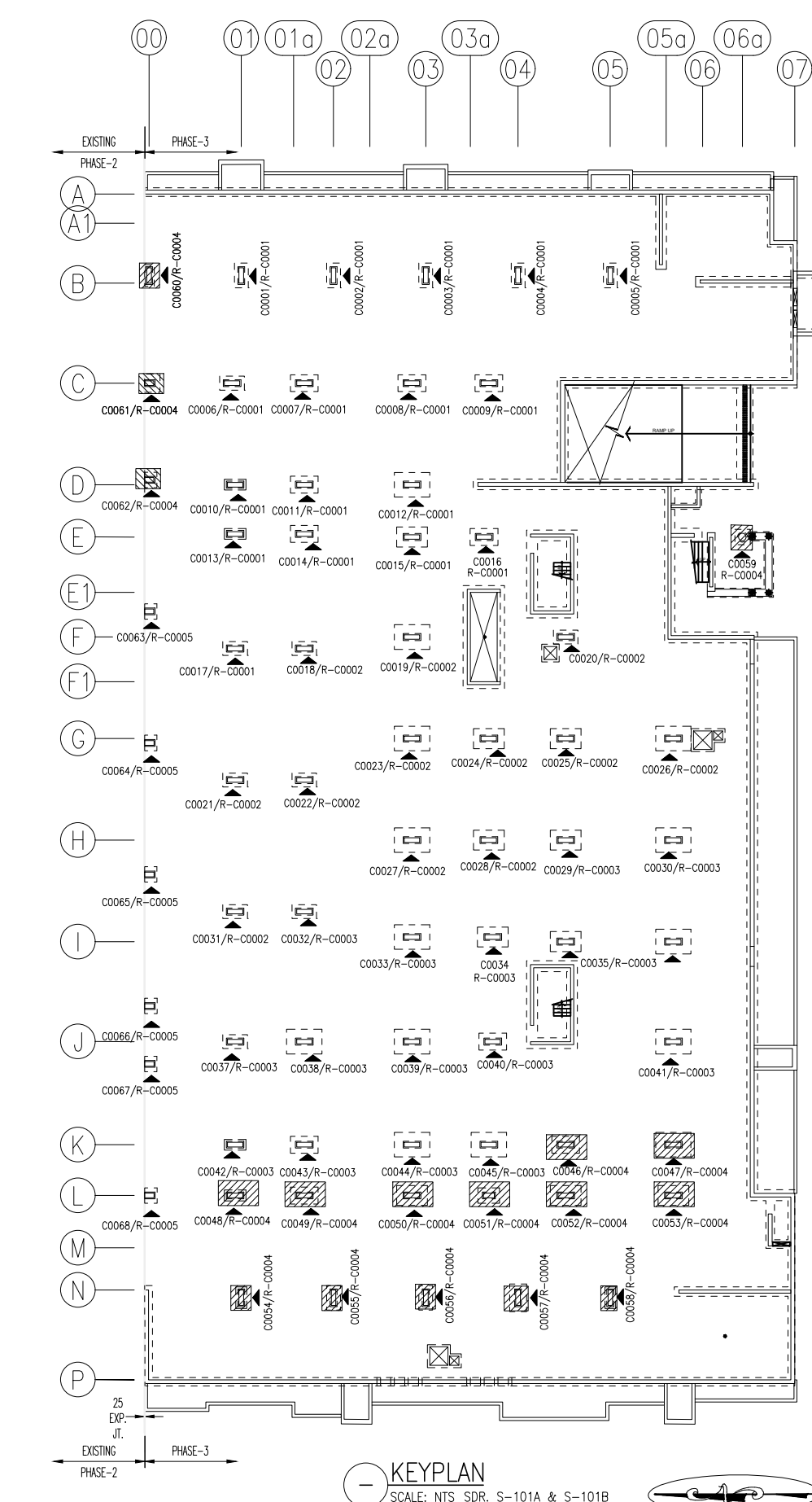


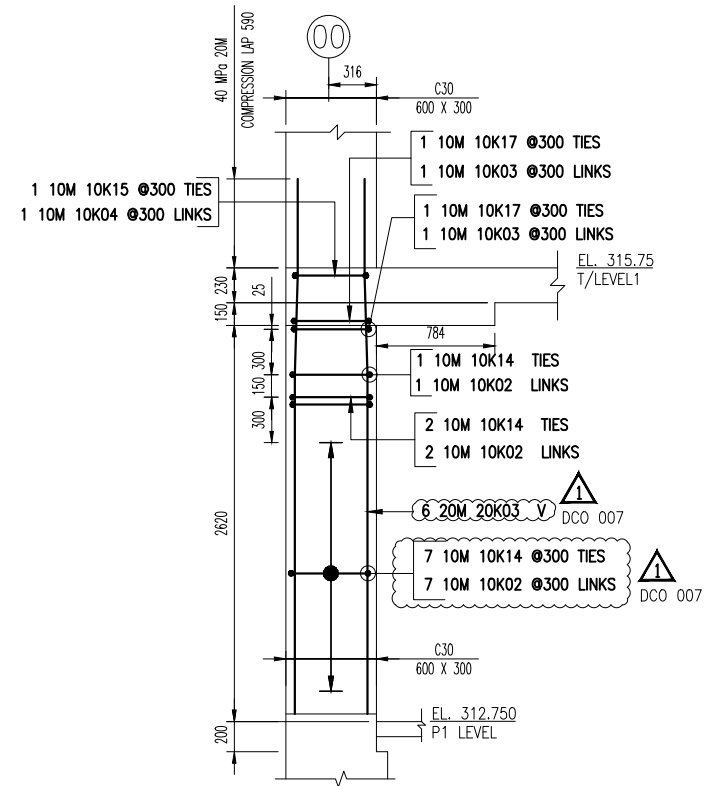
17B C0062-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

Drawing Sheet : R-C0004

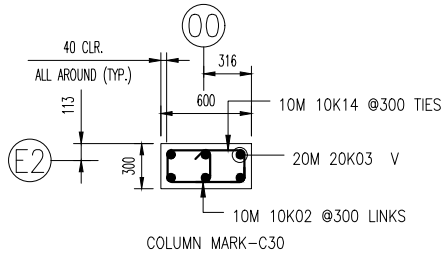
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	T'	V'	W'	U'	V'	W'	U'	V'	W'	U'
10K01	1271	10M	2480	T2	100	220	920	220	920	100							
10K02	423	10M	420	T9	100	220				100							
10K03	2	10M	400	T9	100	200				100							
10K04	1	10M	380	T9	100	180				100							
10K12	10	10M	1880	T2	100	220	620	220	620	100							
10K13	19	10M	1710	T3			1320			390							
10K14	22	10M	1680	T2	100	220	520	220	520	100							
10K15	1	10M	1520	T2	100	180	480	180	480	100							
10K16	1	10M	1580	T2	100	195	495	195	495	100							
10K17	1	10M	1620	T2	100	205	505	205	505	100							
20K12	16	20M	3210	2	310	2900											
20K13	6	20M	3545	31		2130	775	640									
20K14	112	20M	3270	2	310	2960											
25K20	10	25M	3360	2	400	2960											
35K02	10	35M	3570	2	610	2960											

Bar list generated by AutoCAD 2005

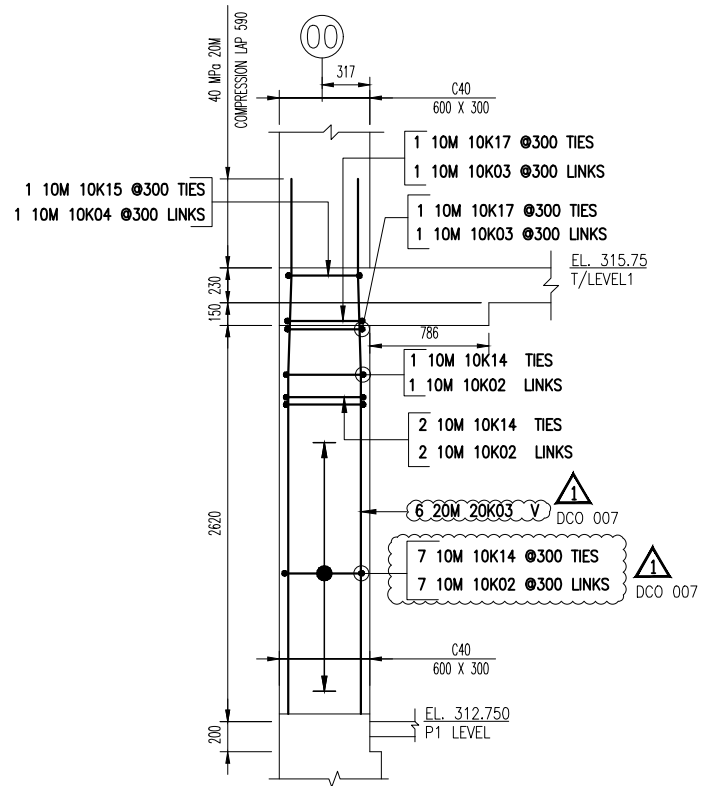




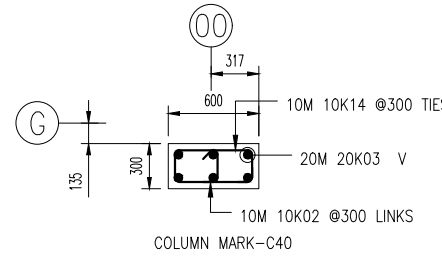
1A C0063-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



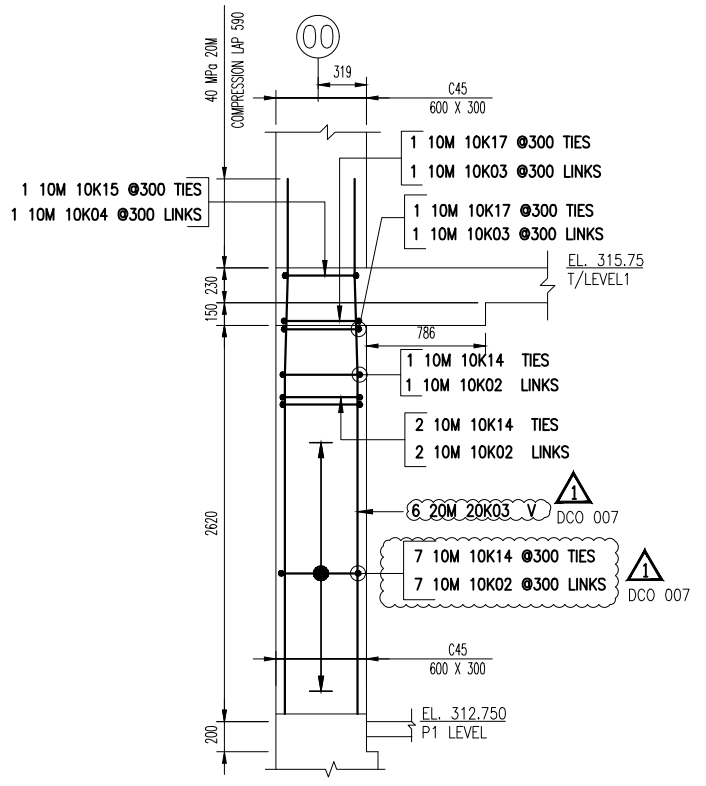
1B C0063-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



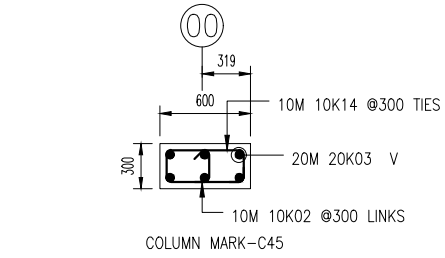
2A C0064-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



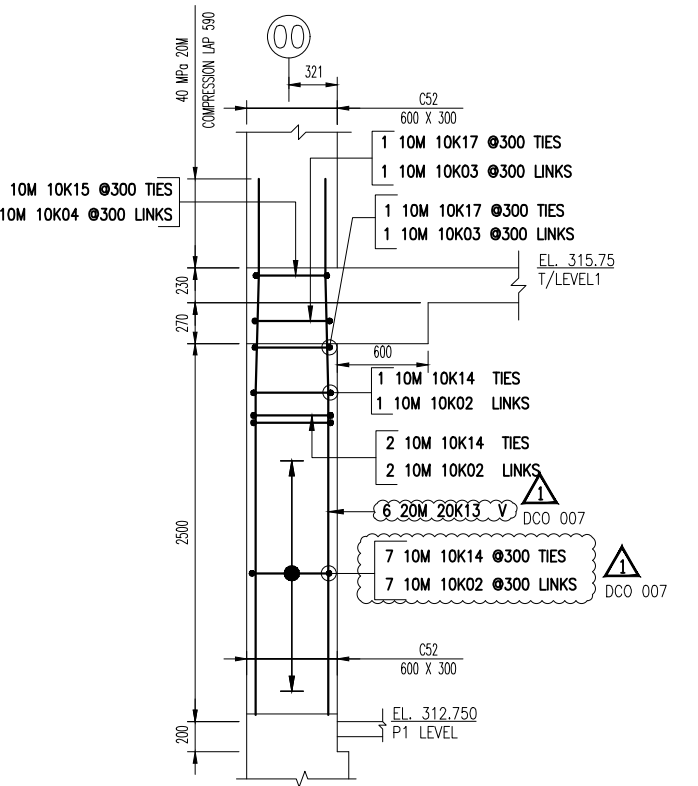
2B C0064-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



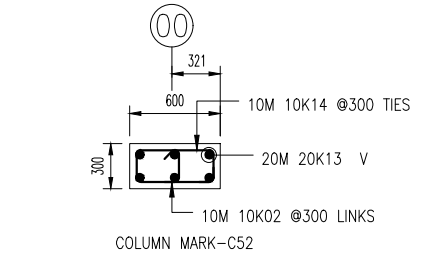
3A C0065-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



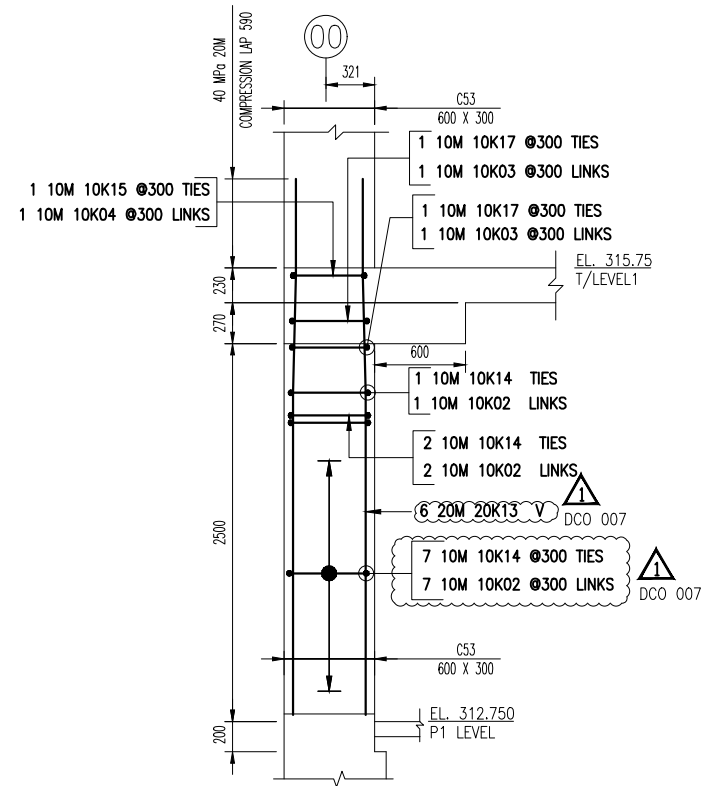
3B C0065-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



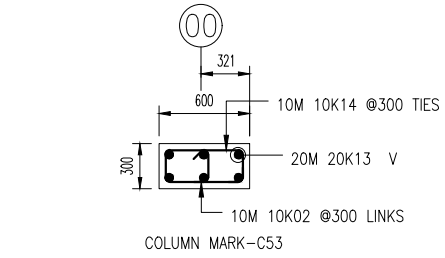
4A C0066-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



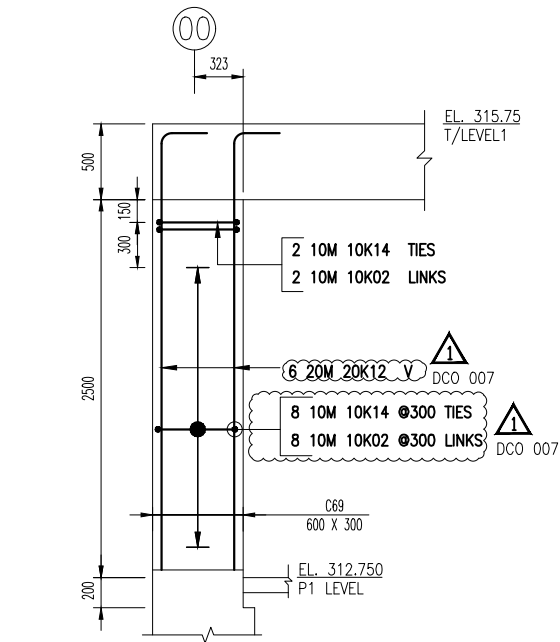
4B C0066-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



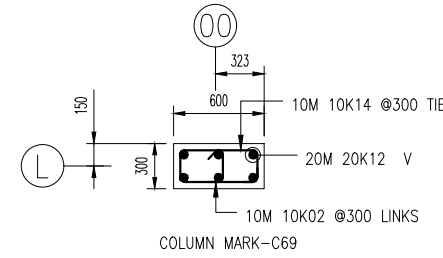
5A C0067-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



5B C0067-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



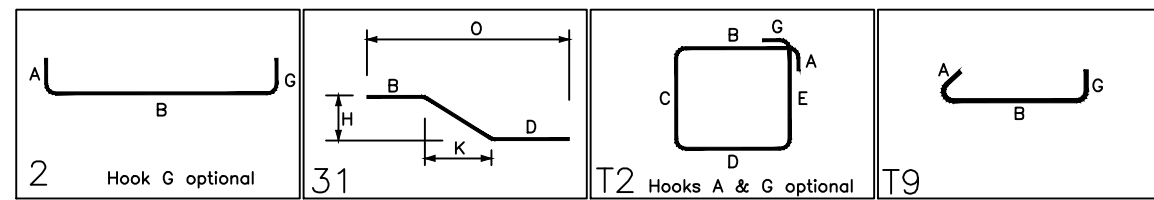
6A C0068-ELEVATION VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006



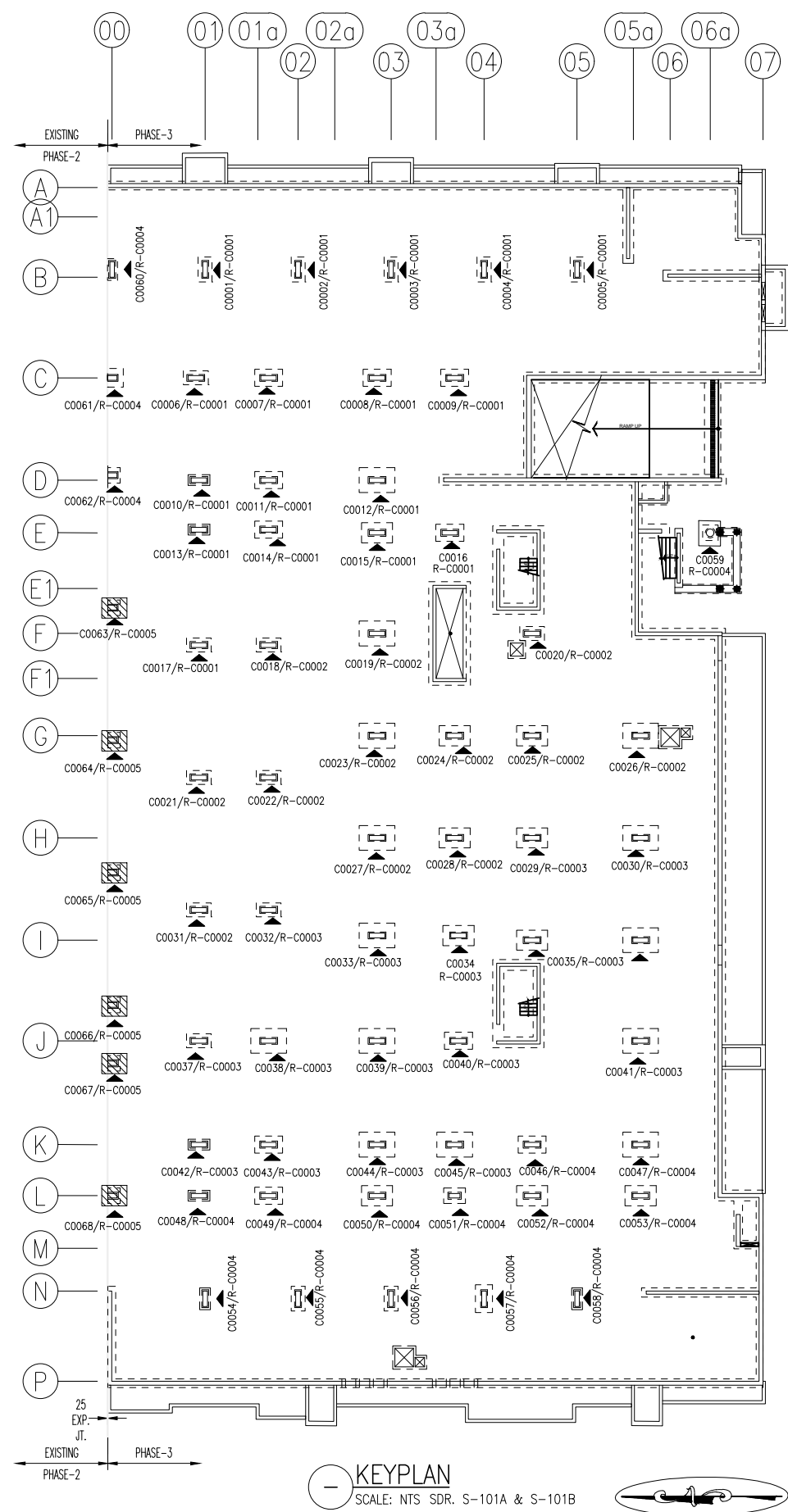
6B C0068-COLUMN PLAN VIEW
(SHOWING COLUMN ONLY)
SCALE: 1:50 SRS-101A.5-101B.5-006

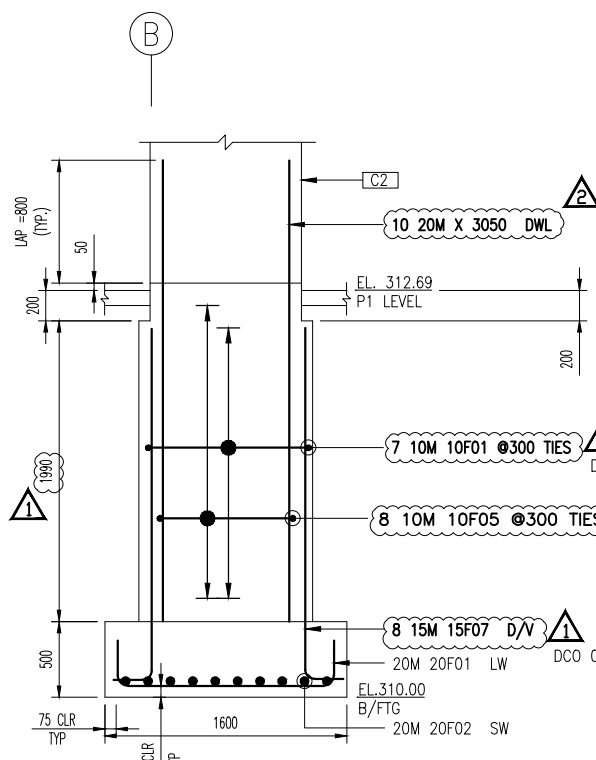
Drawing Sheet : R-C0005														
Bar Mark		Qty	Size	Total Length	Type	X	Y	Z	V	T	U	W	V	W
10K02	60	10M	420	19	100	220							100	
10K03	10	10M	400	19	100	200							100	
10K04	5	10M	380	19	100	180							100	
10K14	60	10M	1880	12	100	220	500	220	500				100	
10K15	5	10M	1520	12	100	180	480	180	480				100	
10K17	10	10M	1600	12	100	200	500	200	500				100	
20K03	18	20M	3540	31	310	2245	650	640				40	650	3540
20K12	8	20M	3210	2	310	2800								
20K13	12	20M	3545	31		2130	775	640				40		3545

Bar list produced by HoloCAD 2020

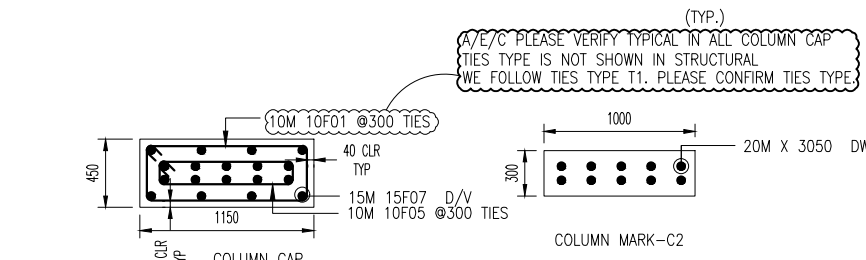


LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA	BAR SIZE	10	15	20	25	30	35
F _y = 400 MPa F _c = 40 MPa	COMPRESSION						
	LAP SPLICE	300	440	590	730	880	1030
F _y = 400 MPa F _c = 40 MPa	DEVELOPMENT LENGTH	200	280	350	440	530	630

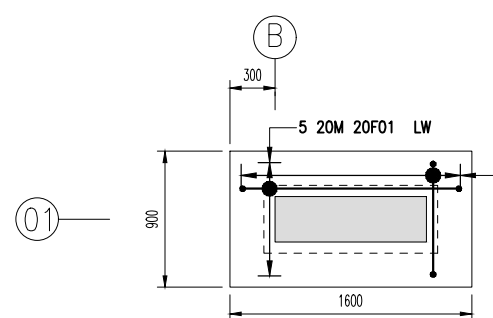




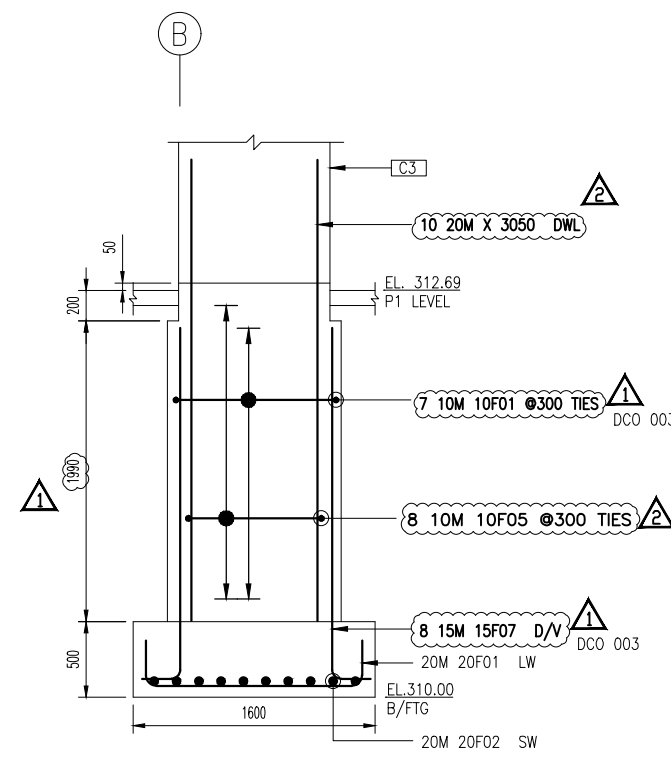
1A FC001-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



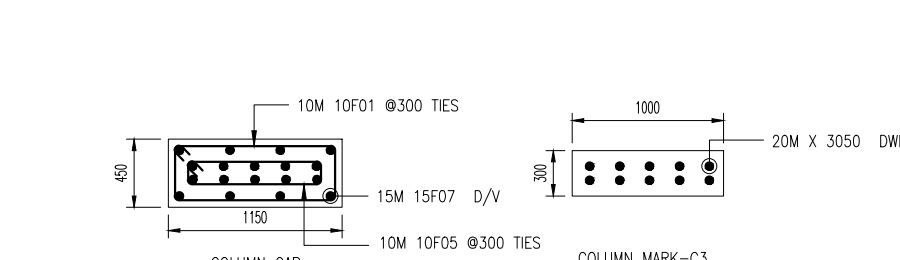
1B FC001-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



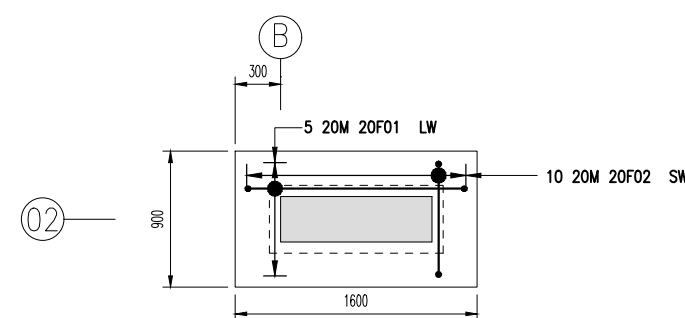
1C FC001-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



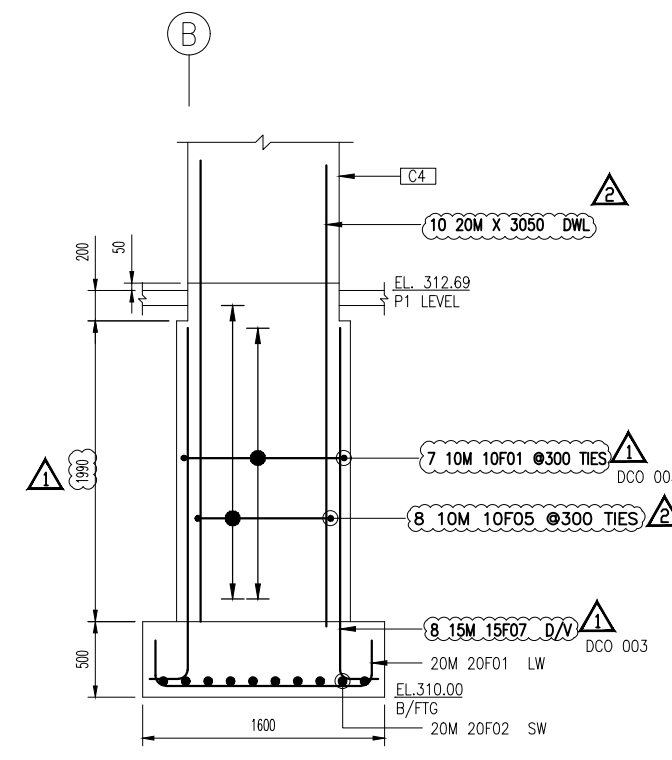
2A FC002-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



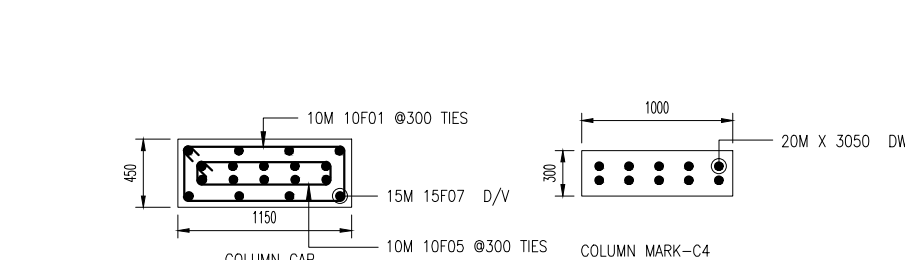
2B FC002-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



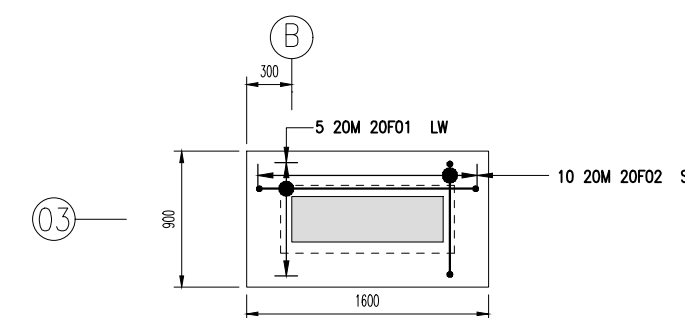
2C FC002-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



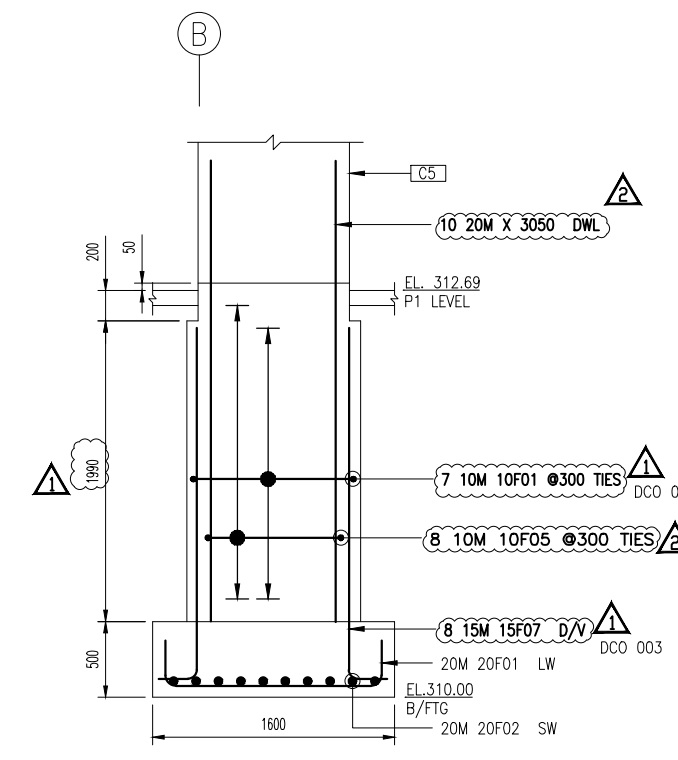
3A FC003-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



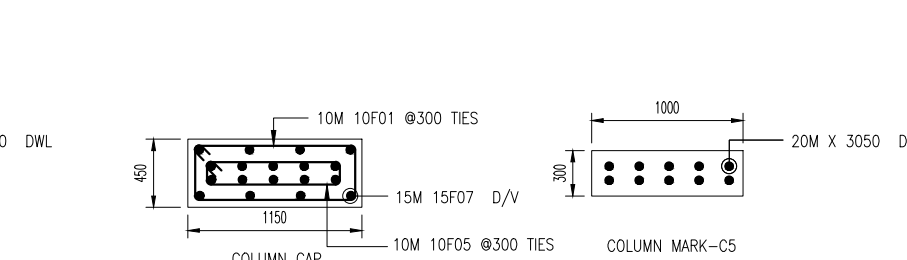
3B FC003-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



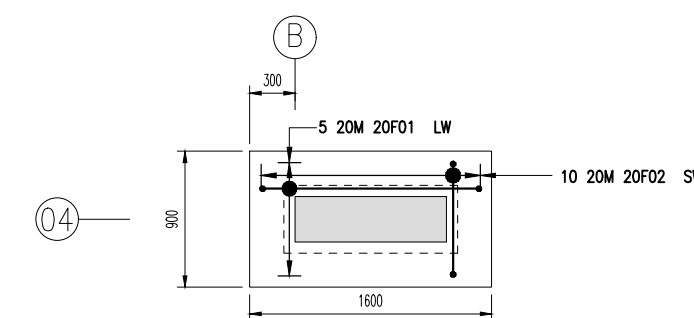
3C FC003-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



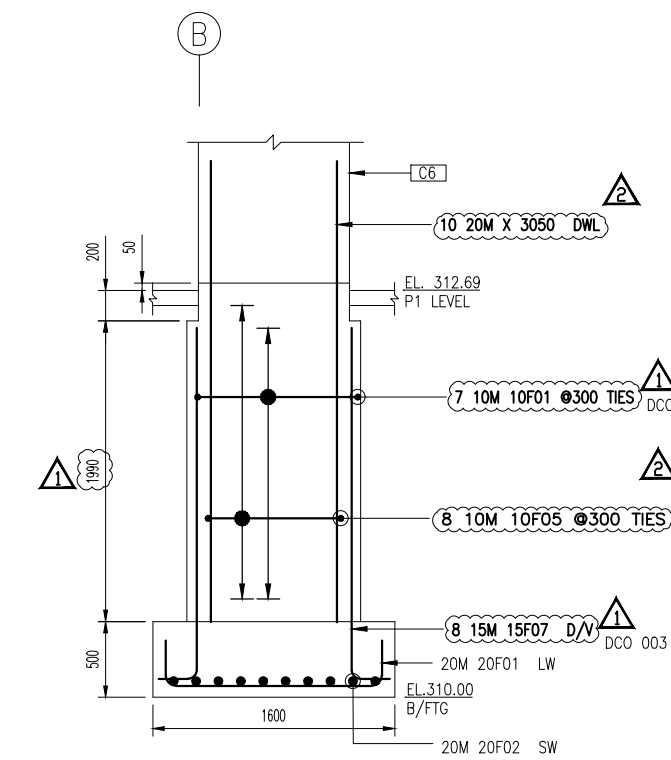
4A FC004-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



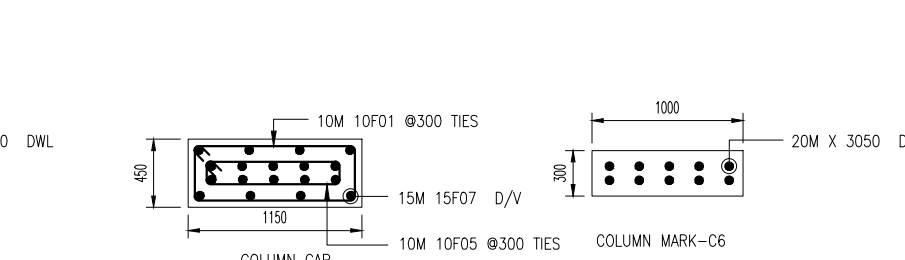
4B FC004-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



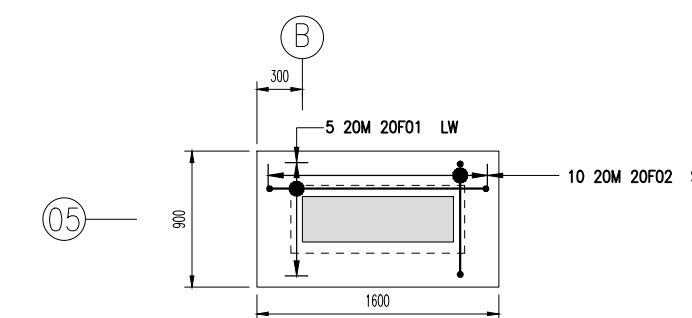
4C FC004-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



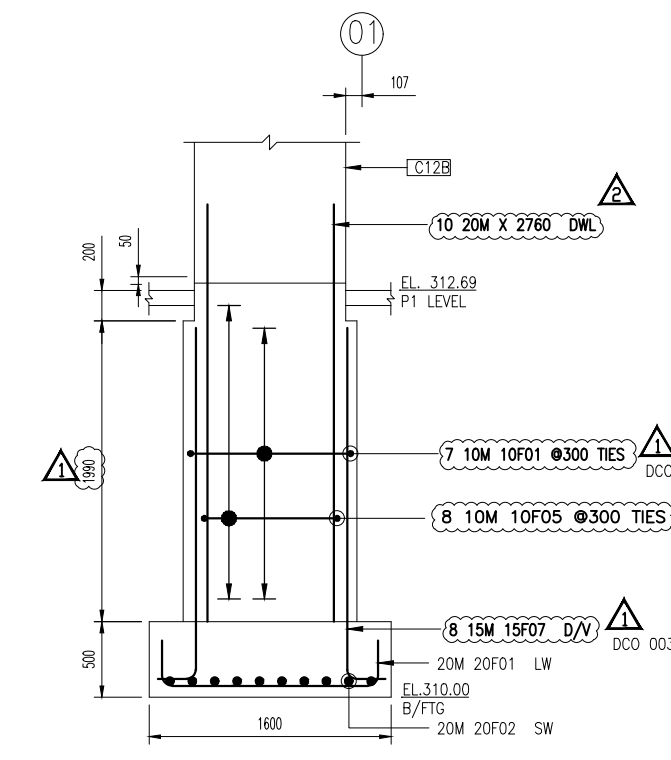
5A FC005-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



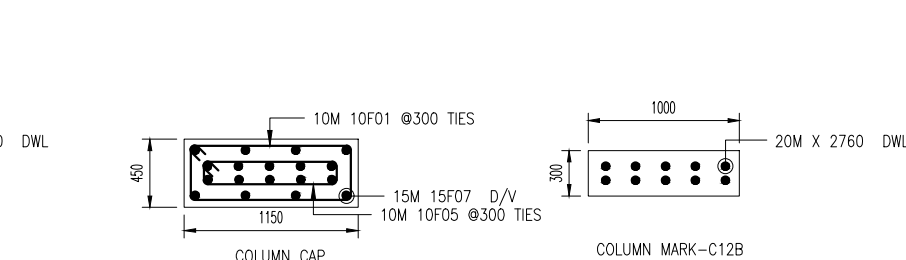
5B FC005-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



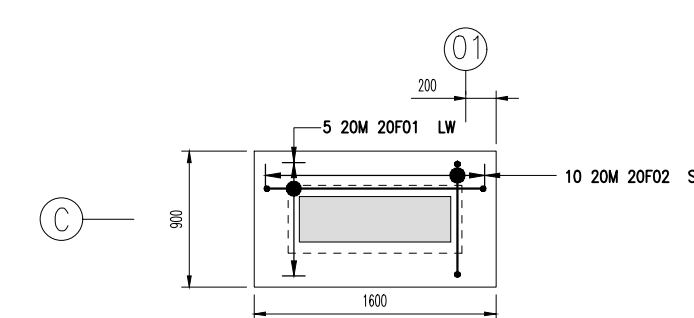
5C FC005-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



6A FC006-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

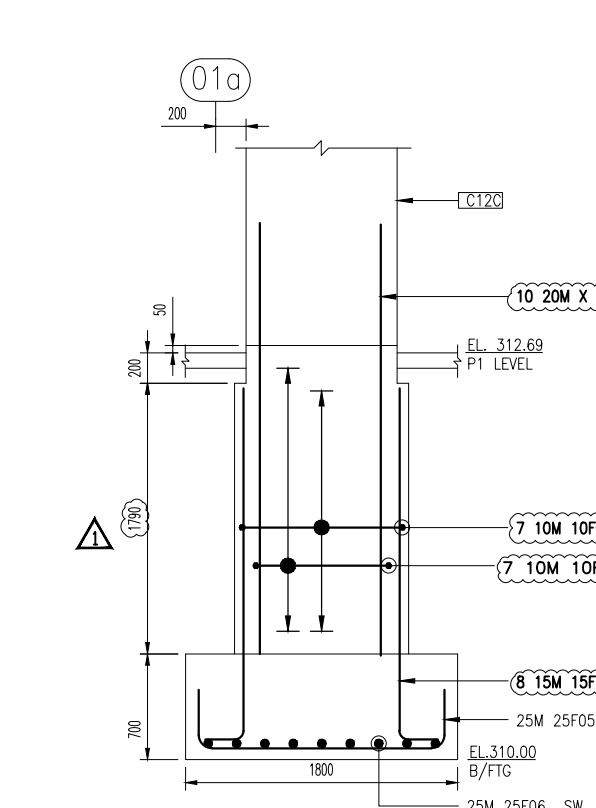


6B FC006-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

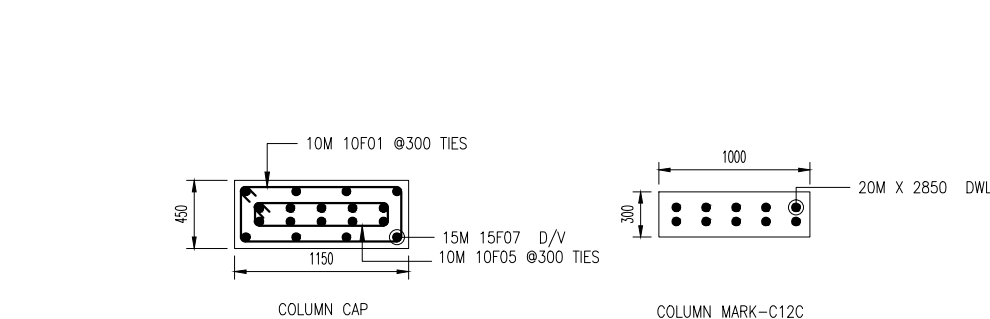


6C FC006-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

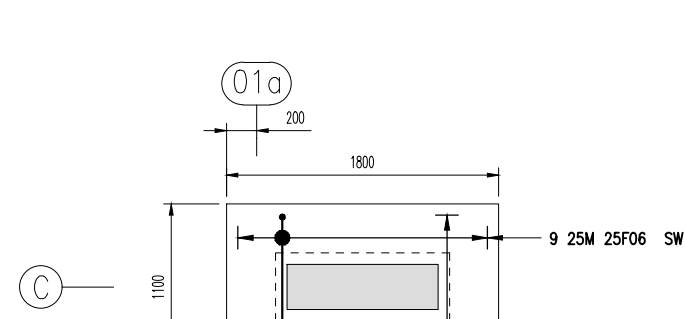
LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA	LAP SPICE	10	15	20	25	30	35
$F_y = 400$ MPa $F_u = 40$ MPa	TENSION	390	580	770	1210	1450	1690
$F_y = 400$ MPa $F_u = 40$ MPa	DEVELOPMENT LENGTH	300	450	600	850	1110	1300



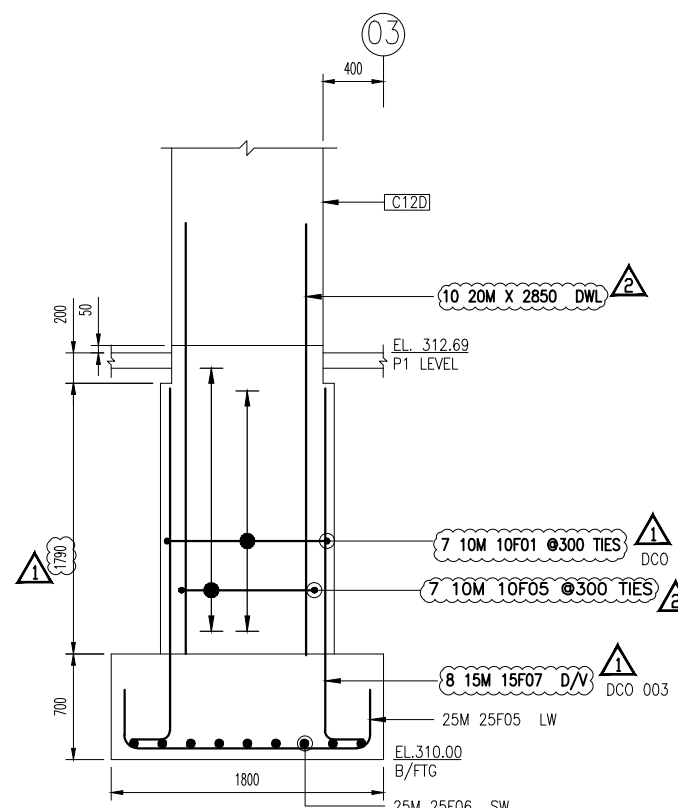
7A FC007-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



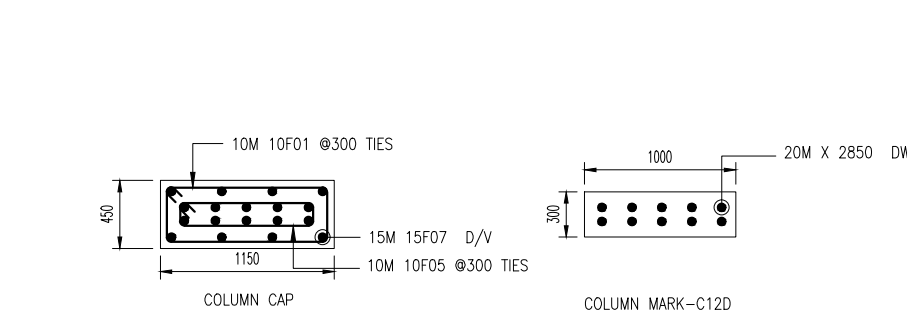
7B FC007-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



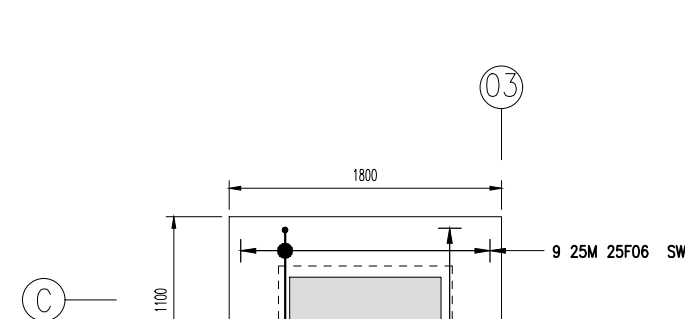
7C FC007-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



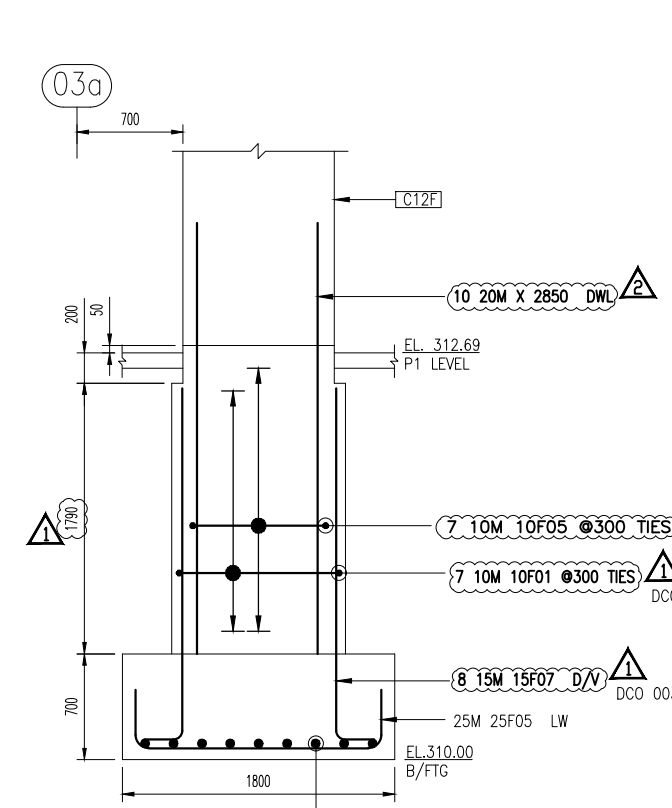
8A FC008-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



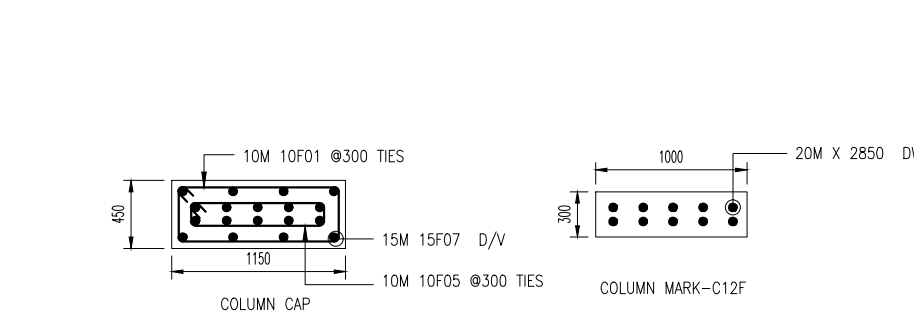
8B FC008-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



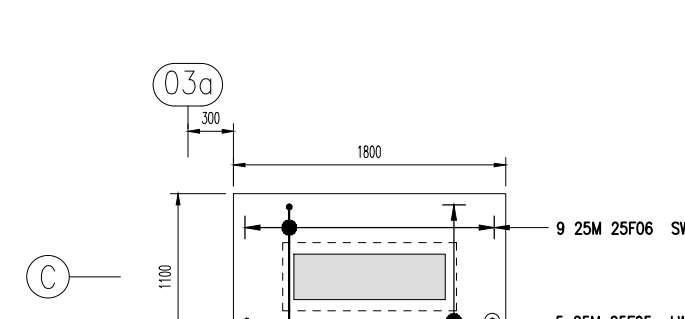
8C FC008-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



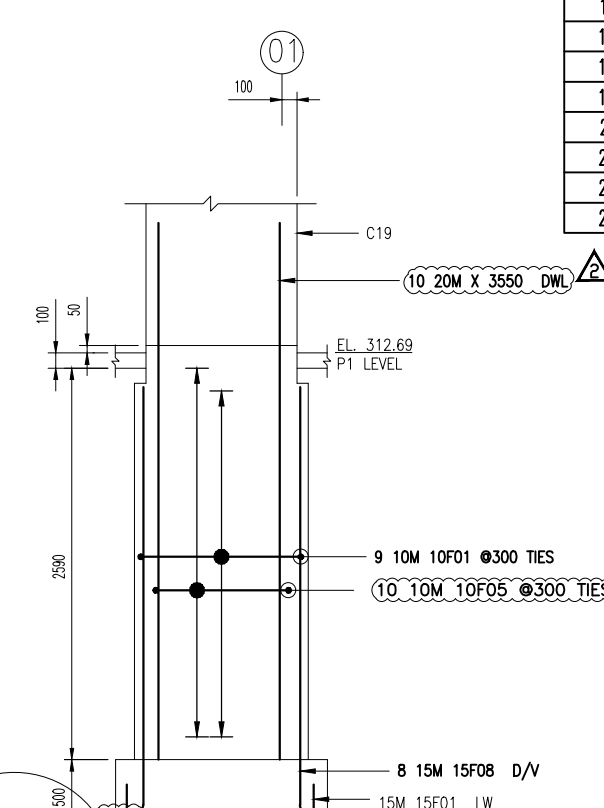
9A FC009-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



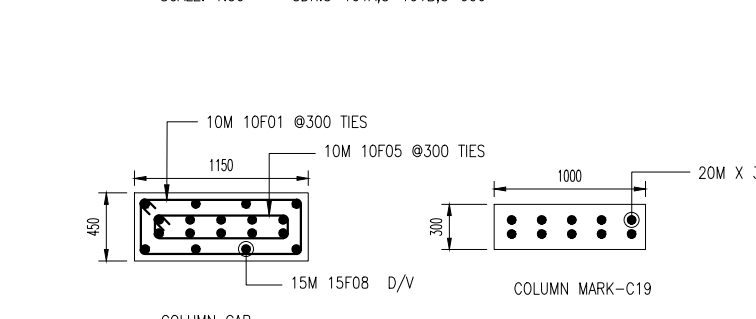
9B FC009-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



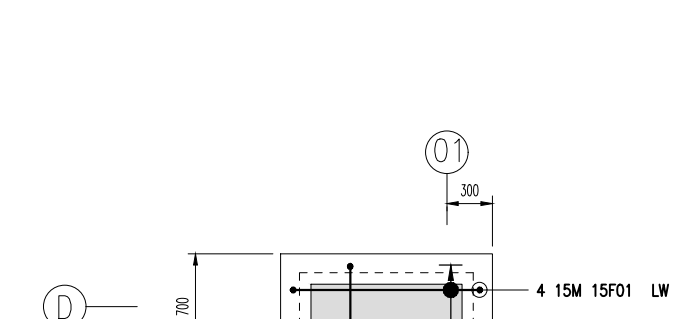
9C FC009-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



10A FC010-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



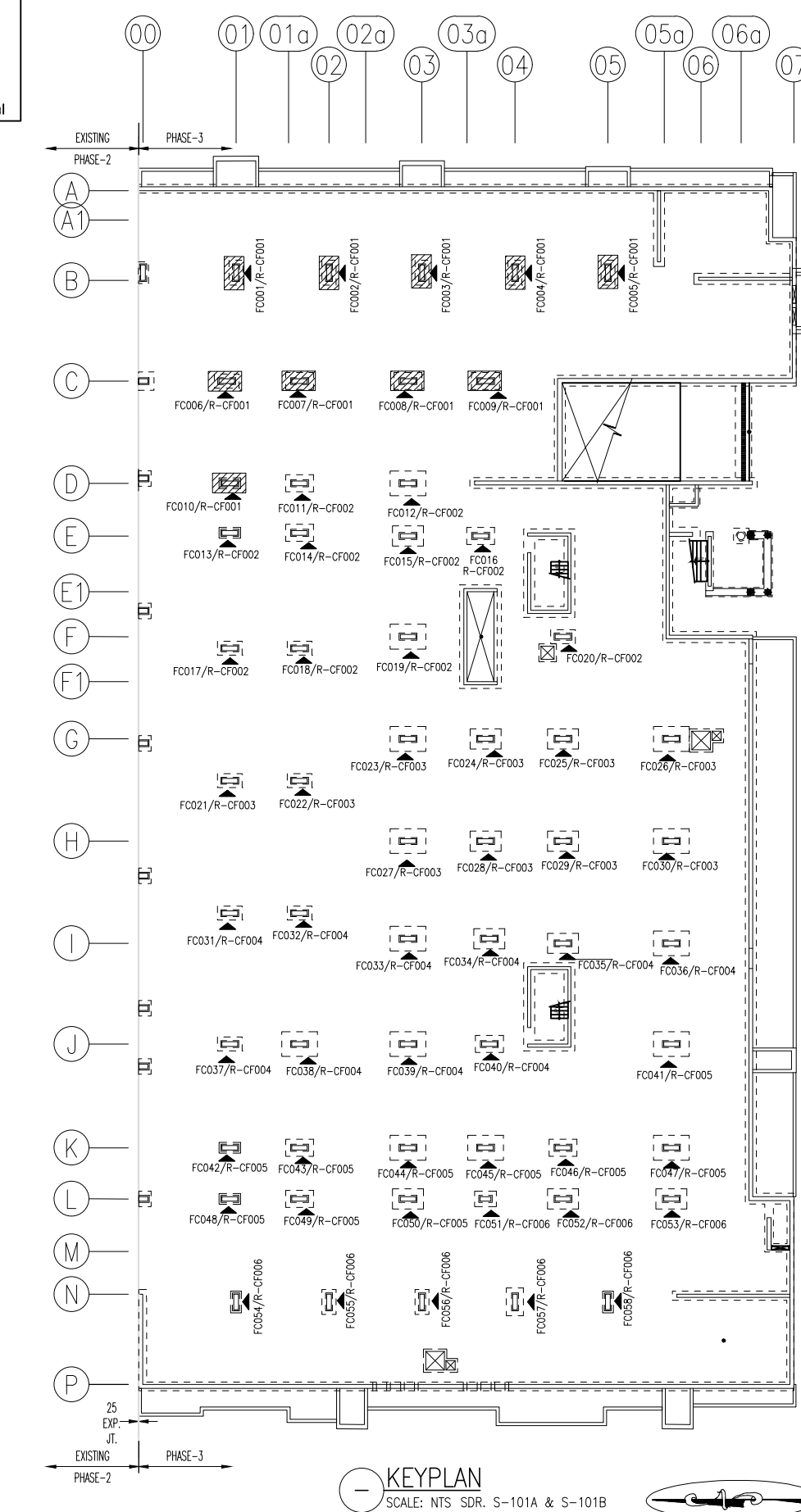
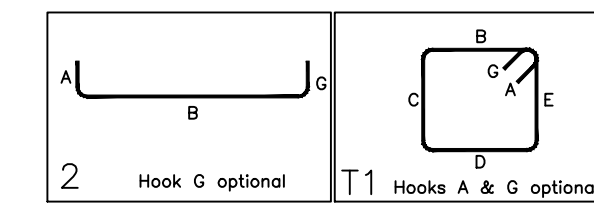
10B FC010-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



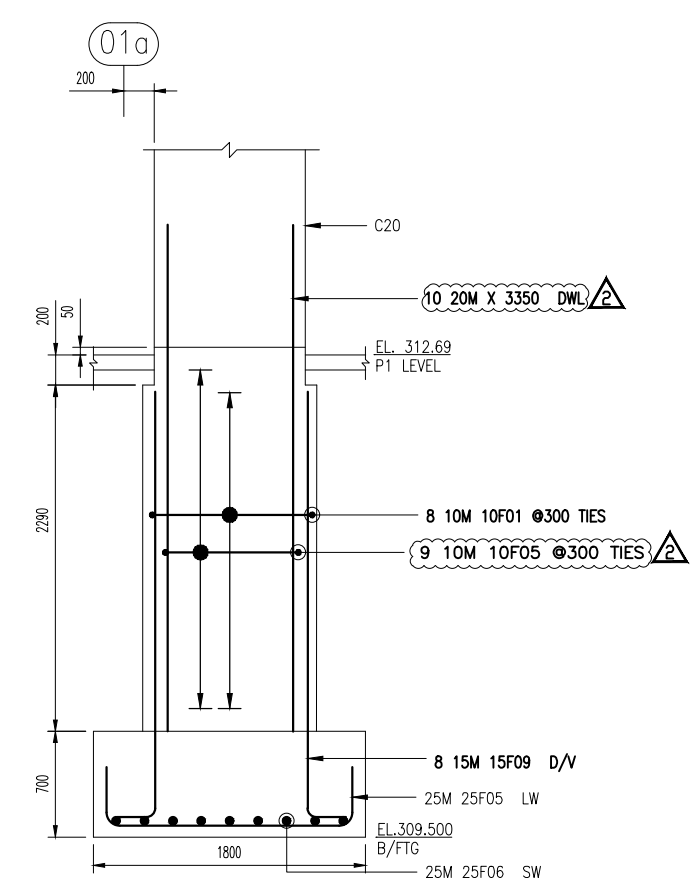
10C FC010-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

Drawing Sheet : S-CF001										BAR LIST									
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'	Y'
10F01	72	10M	3080	T1	100	1070	370	1070	370	100									
10F05	78	10M	2300	T1	100	890	160	890	160	100									
15F01	4	15M	1770	2	260	1250													
15F02	10	15M	1070	2	260	550													
15F07	72	15M	2590	2	260	2300													
15F08	8	15M	3090	2	260	2830													
20F01	30	20M	2070	2	310	1450													
20F02	60	20M	1370	2	310	750													
25F05	15	25M	2450	2	400	1650													
25F06	27	25M	1750	2	400	950													

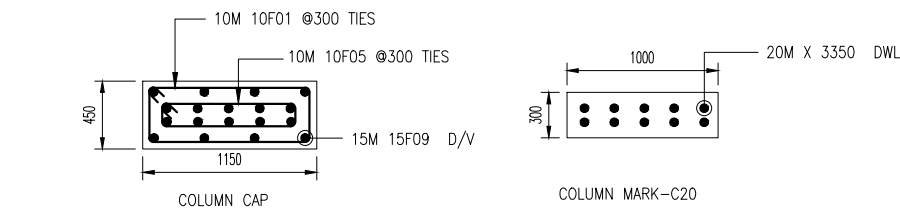
Bar list produced by RebarCAD 2020



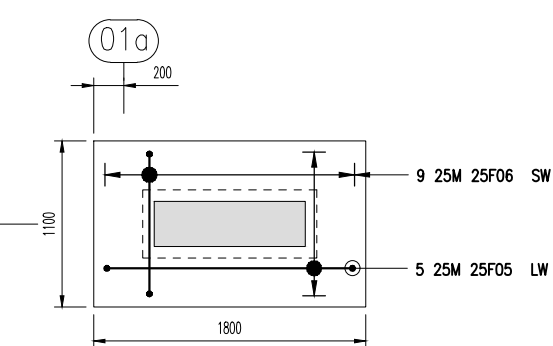
KEY PLAN
SCALE: NTS SDR. S-101A & S-101B



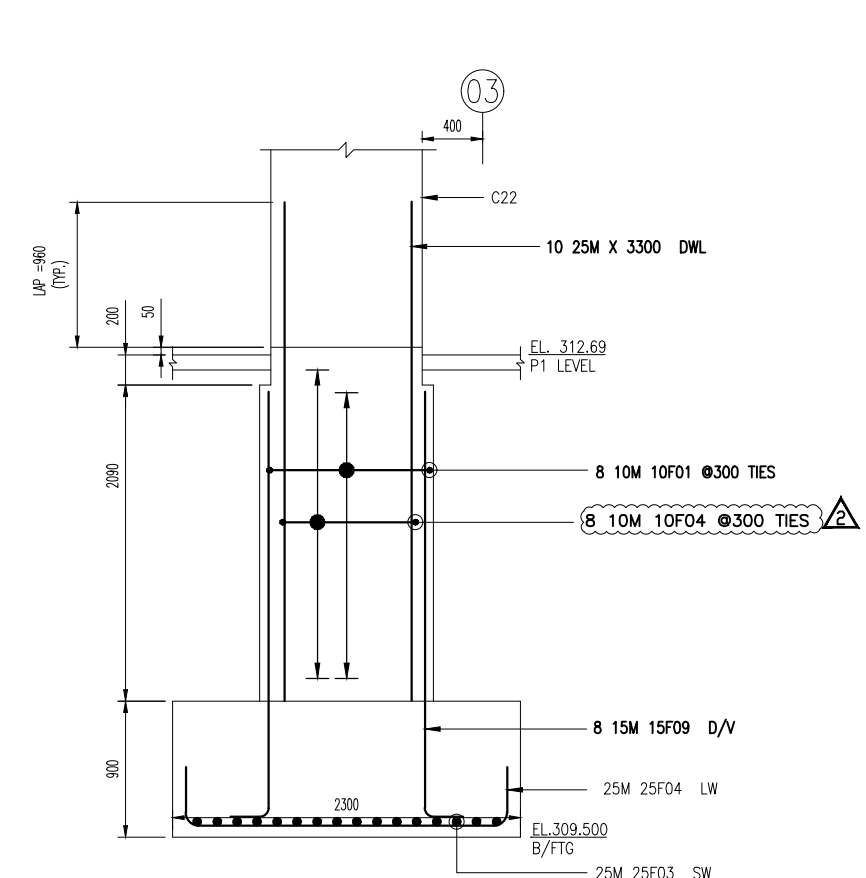
1A FC011-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



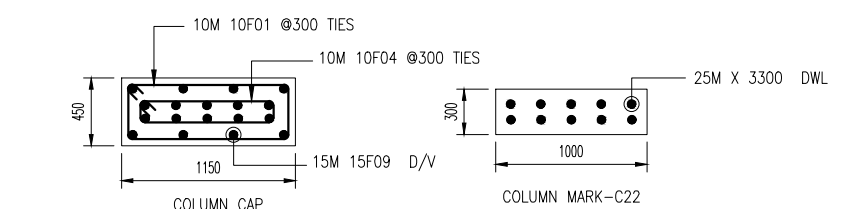
1B FC011-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



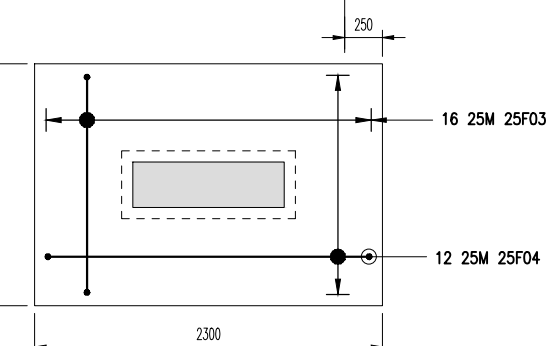
1C FC011-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



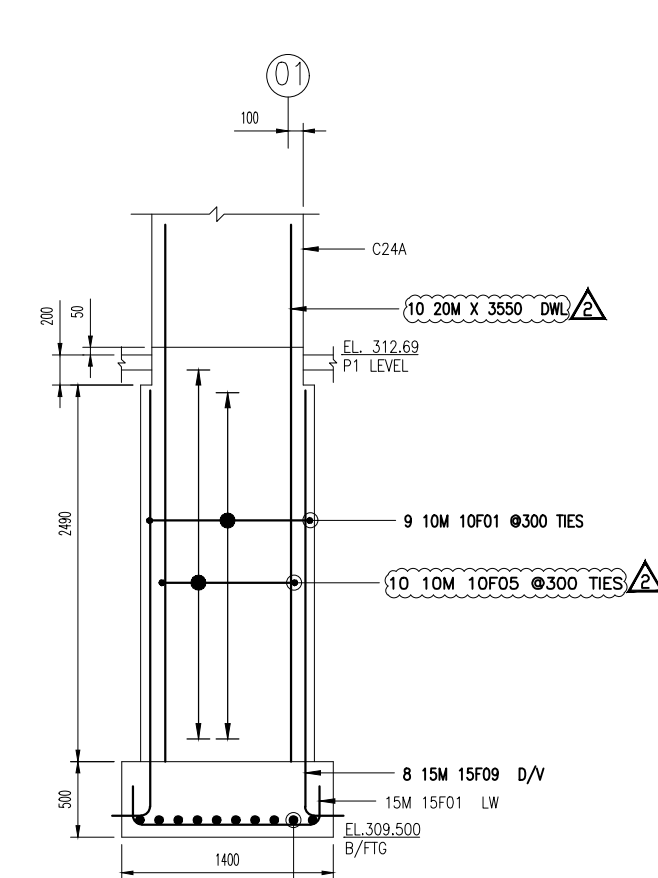
2A FC012-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



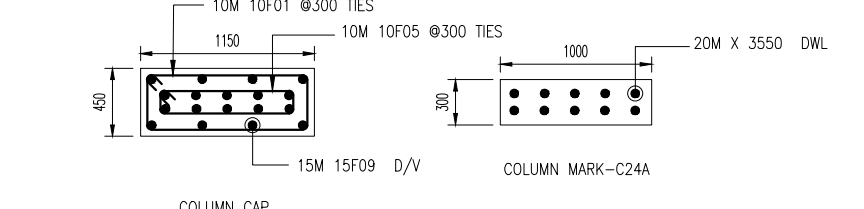
2B FC012-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



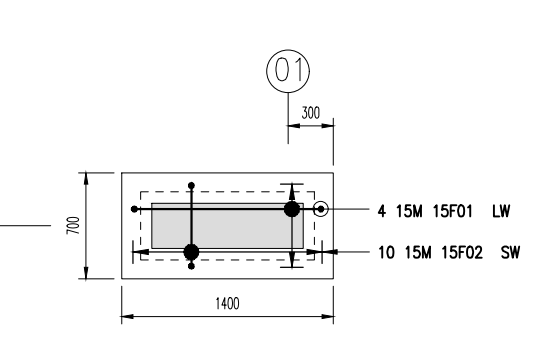
2C FC012-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



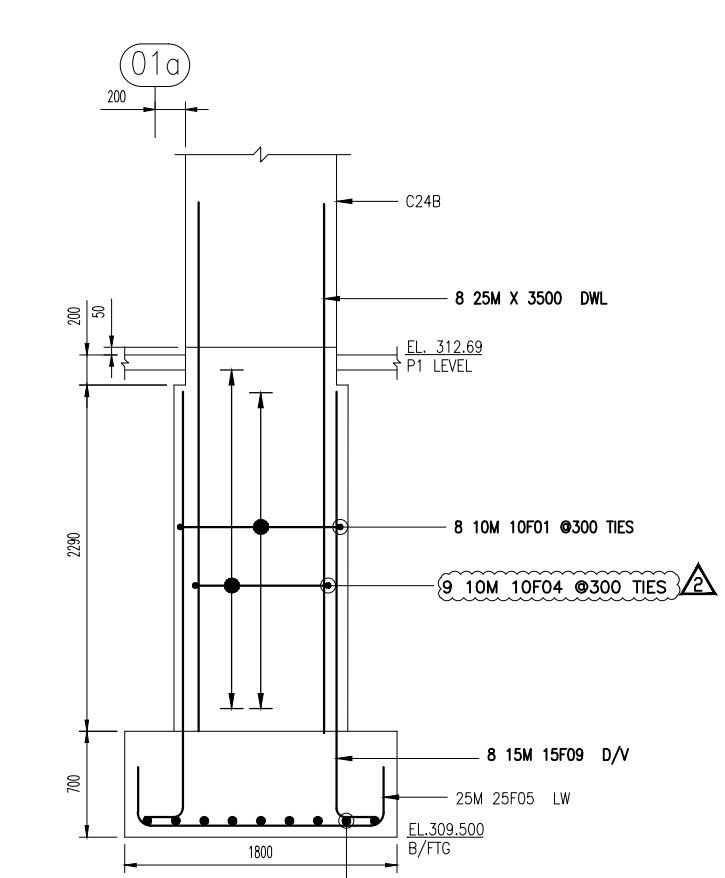
3A FC013-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



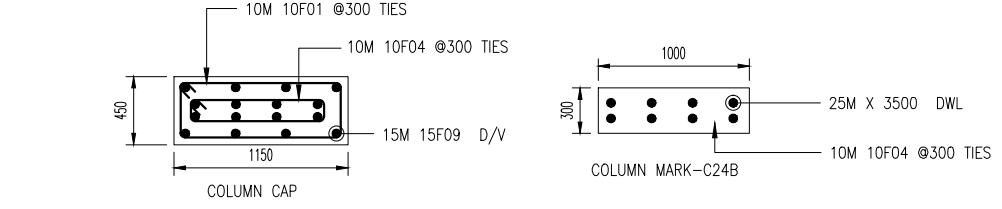
3B FC013-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



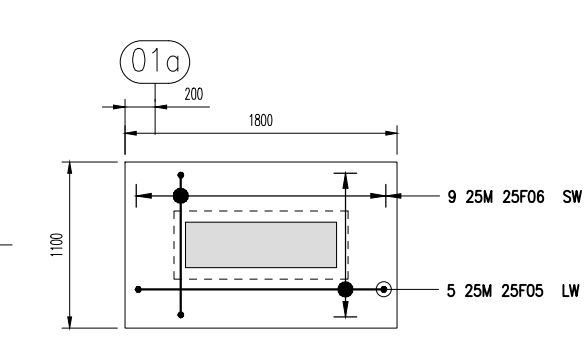
3C FC013-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



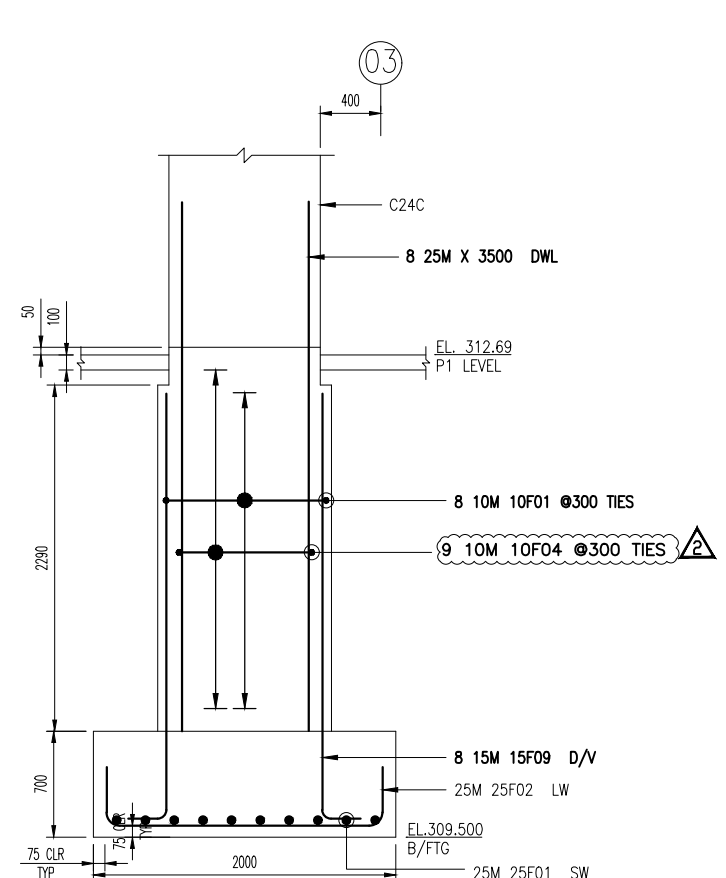
4A FC014-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



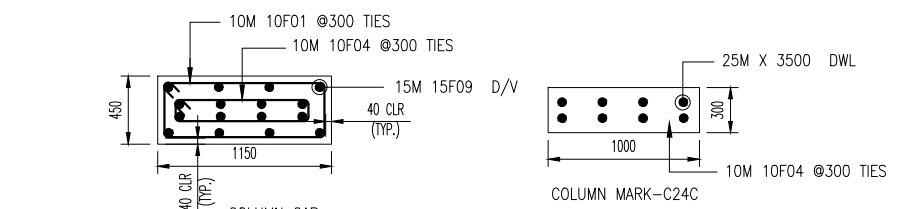
4B FC014-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



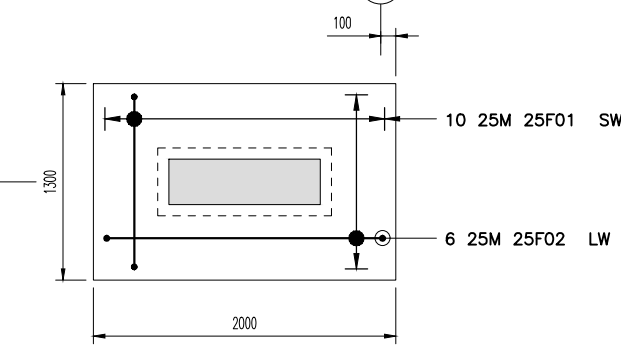
4C FC014-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



5A FC015-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006

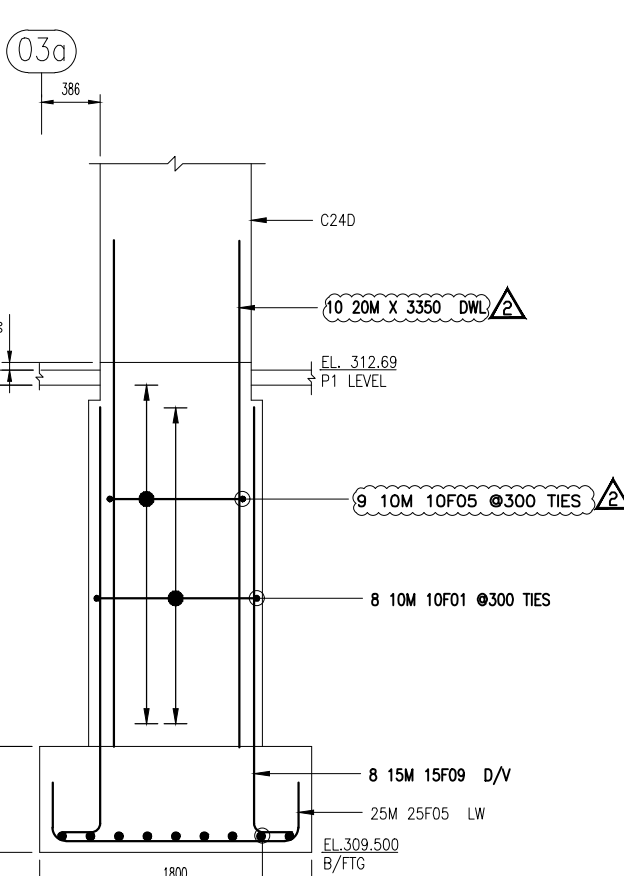


5B FC015-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006

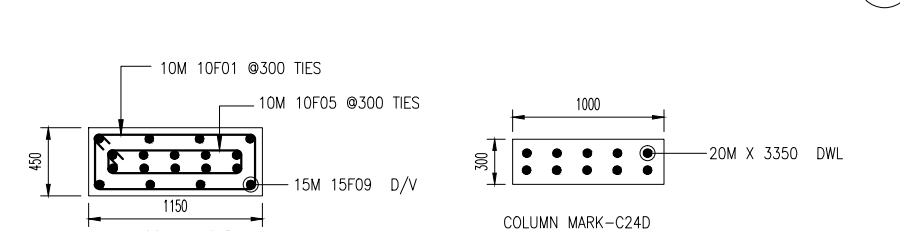


5C FC015-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006

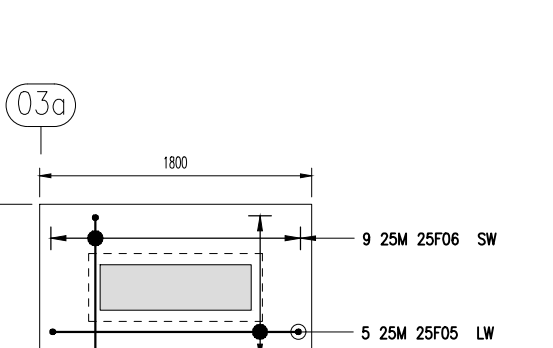
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA	TENSION	10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $F_c = 40 \text{ MPa}$	LAP SPLICE	390	580	770	1210	1450	1690
$F_y = 400 \text{ MPa}$ $F_c = 40 \text{ MPa}$	DEVELOPMENT LENGTH	300	450	600	930	1110	1300



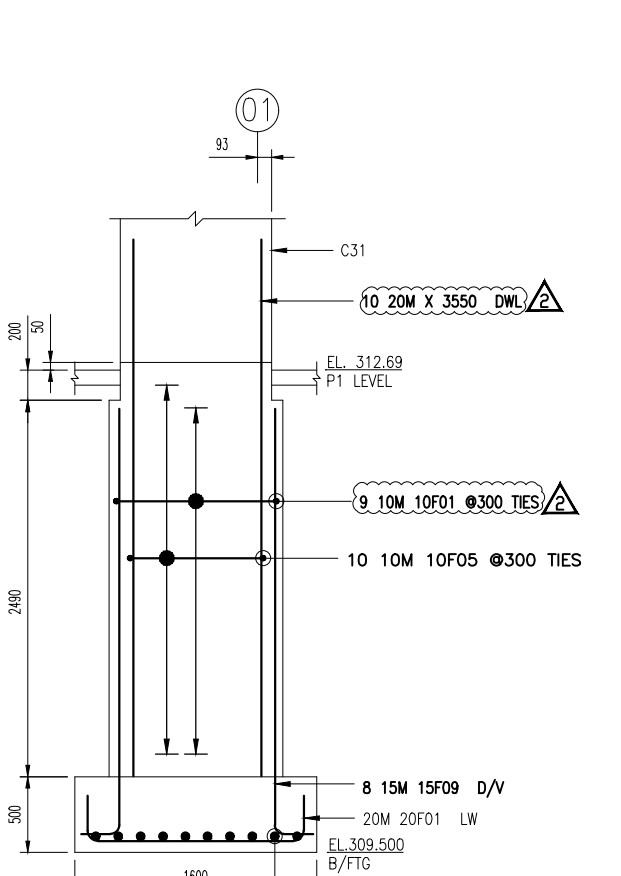
6A FC016-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



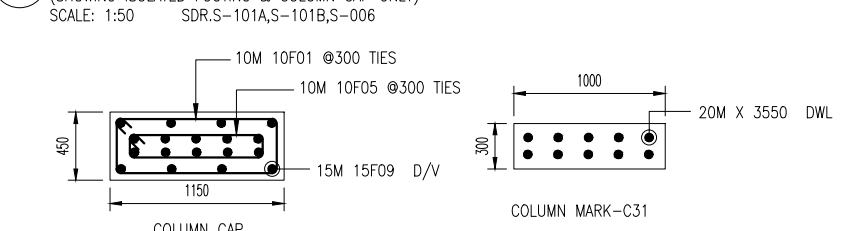
6B FC016-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



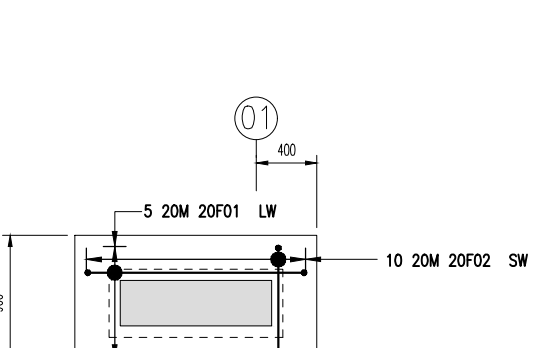
6C FC016-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



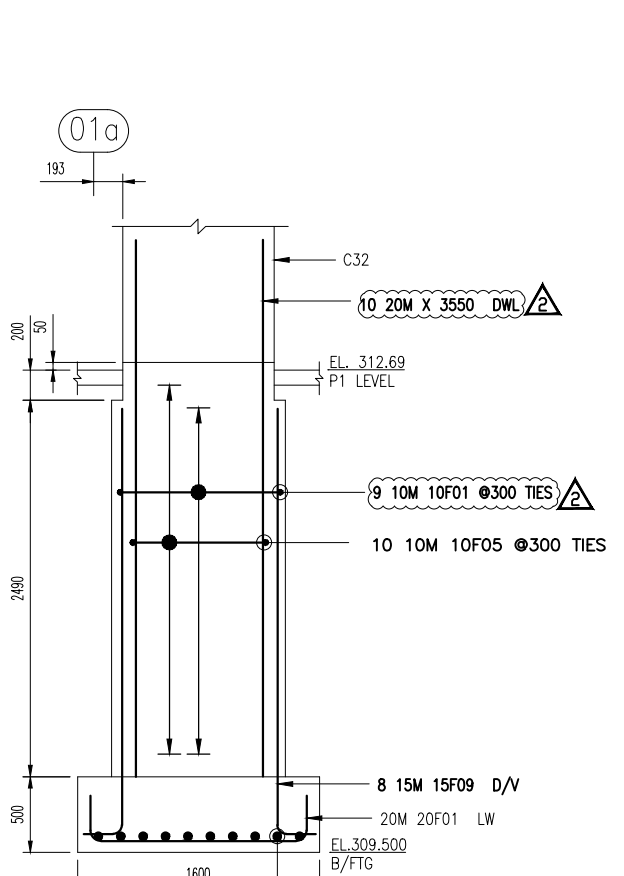
7A FC017-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



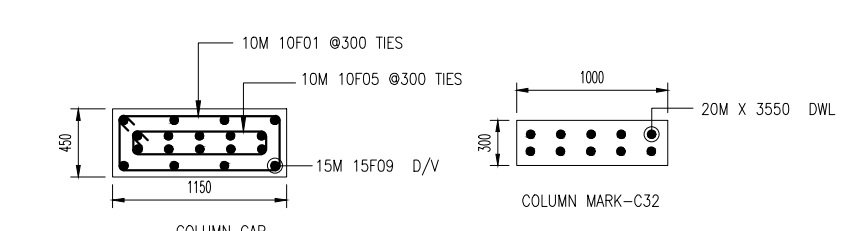
7B FC017-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



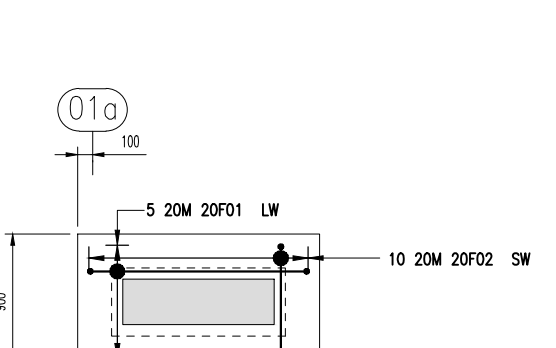
7C FC017-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



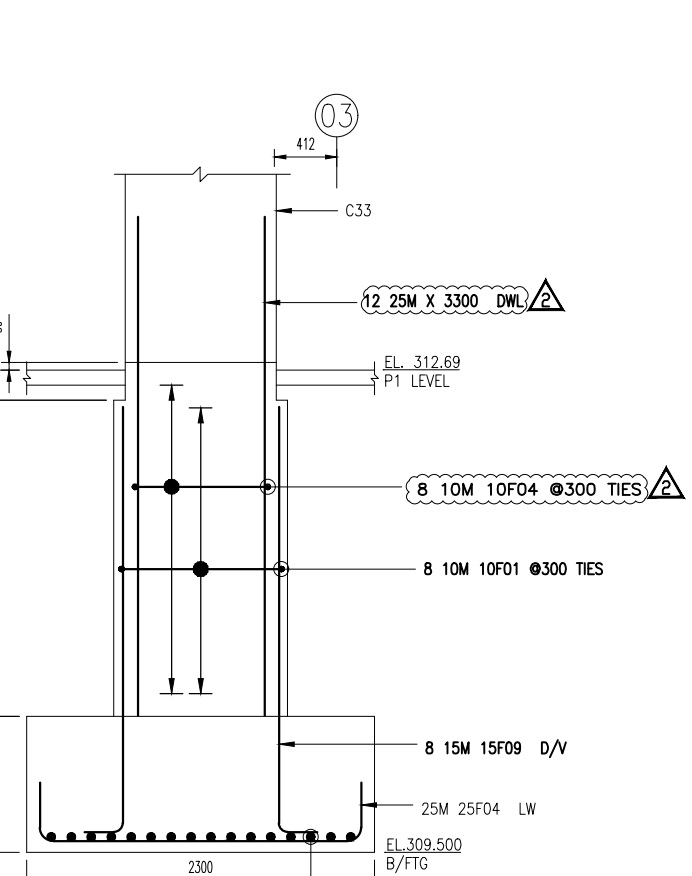
8A FC018-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



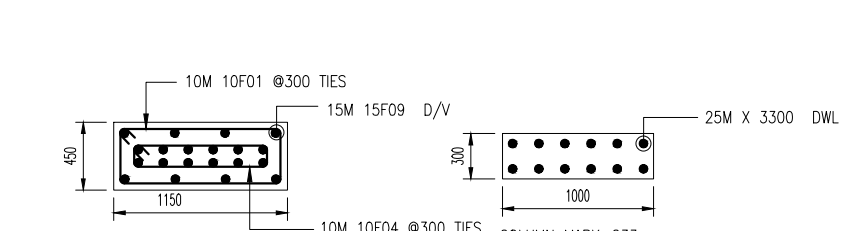
8B FC018-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



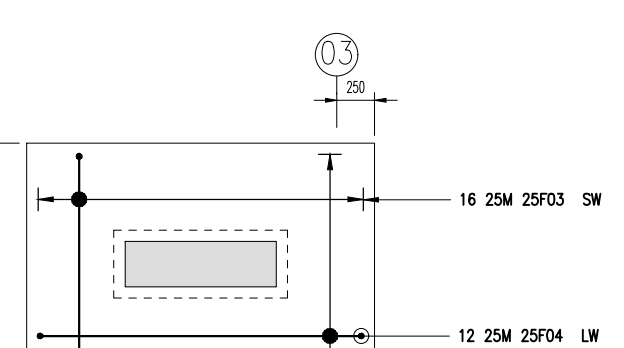
8C FC018-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



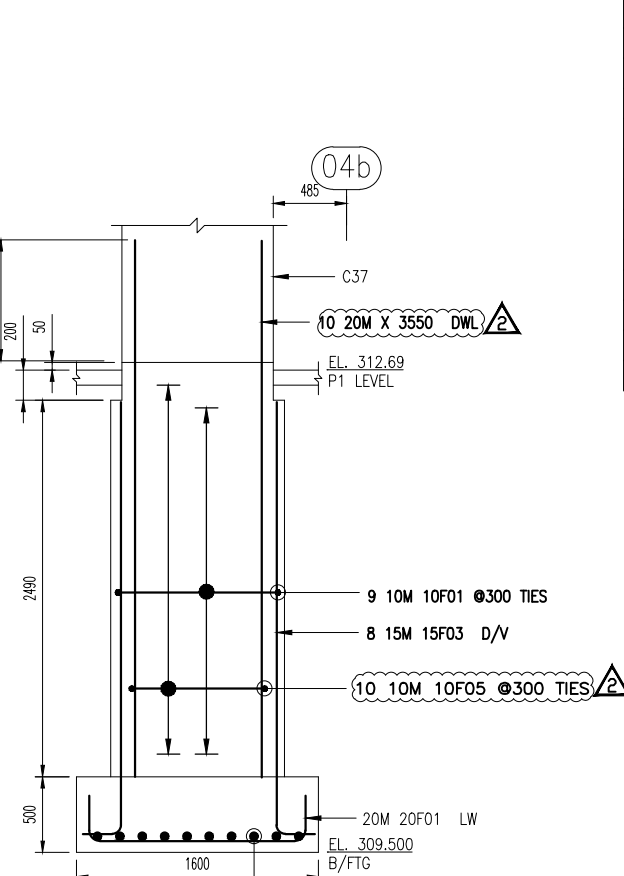
9A FC019-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



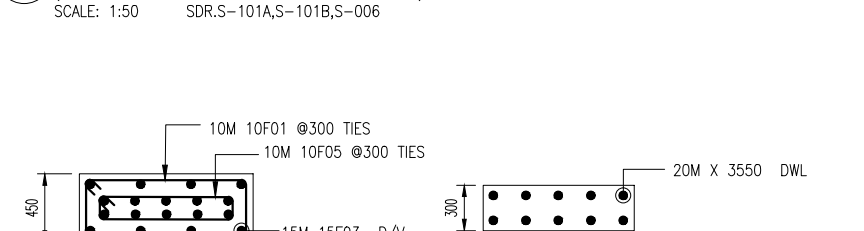
9B FC019-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



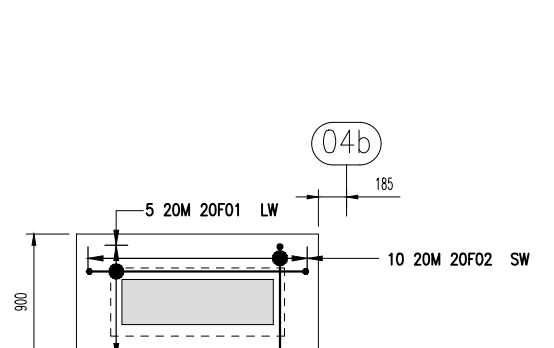
9C FC019-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



10A FC020-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



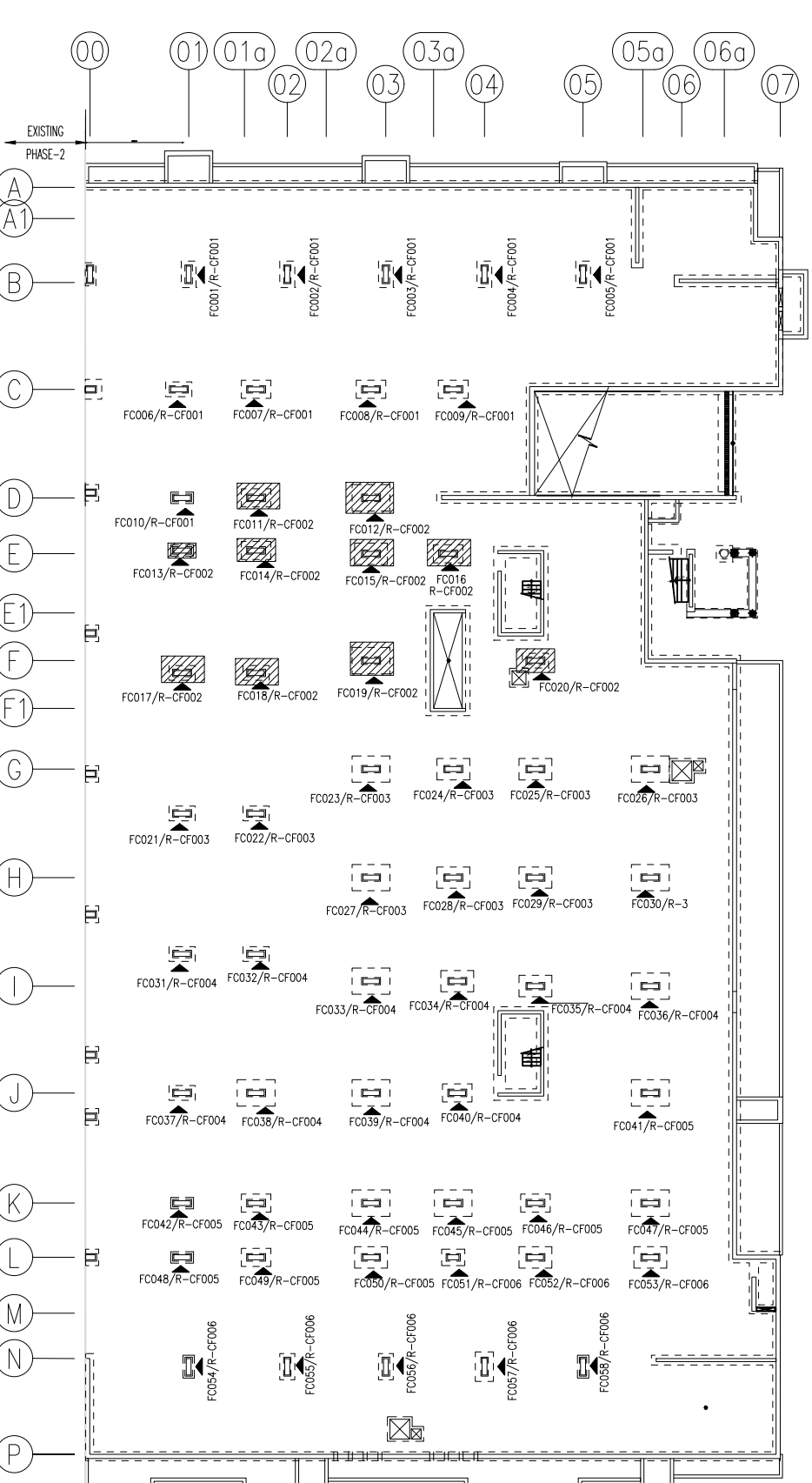
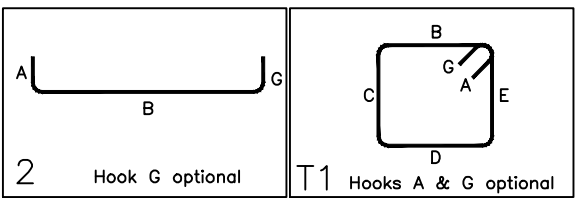
10B FC020-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006



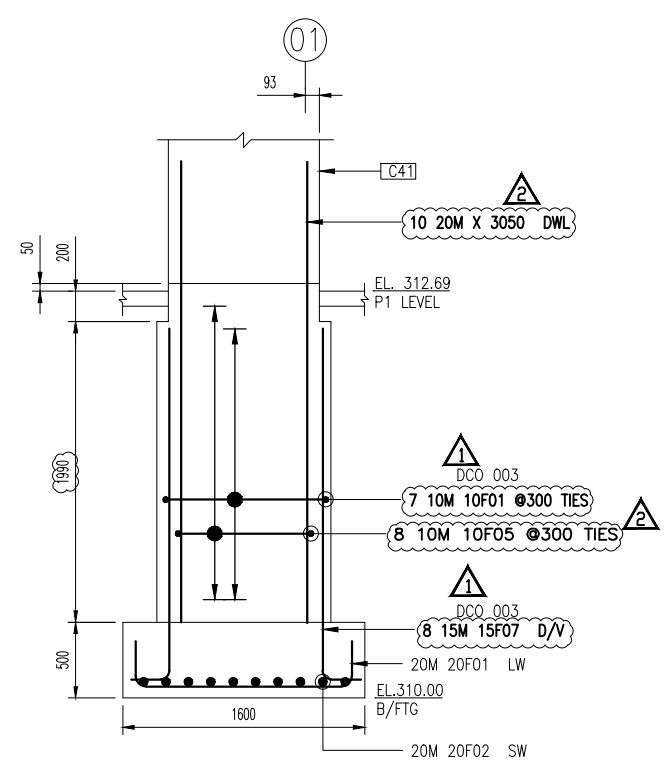
10C FC020-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A.5-101B.5-006

Drawing Sheet : R-CF002		BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	V	W	T	U	V	W	X	Y	Z	V
10F01	84	10M	3080	T1	100	1070	370	1070	370								
10F04	34	10M	2280	T1	100	880	150	880	150								
10F05	58	10M	2300	T1	100	880	160	880	160								
15F01	4	15M	1770	2	260	1250											
15F02	10	15M	1070	2	260	350											
15F03	8	15M	3125	2	260	2885											
15F08	72	15M	3080	2	250	2620											
20F01	15	20M	2670	2	310	1450											
20F02	30	20M	1370	2	310	750											
25F01	10	25M	1930	2	400	1150											
25F02	6	25M	2630	2	400	1630											
25F03	32	25M	2230	2	400	1450											
25F04	24	25M	2930	2	400	2150											
25F05	15	25M	2430	2	400	1630											
25F06	27	25M	1730	2	400	930											

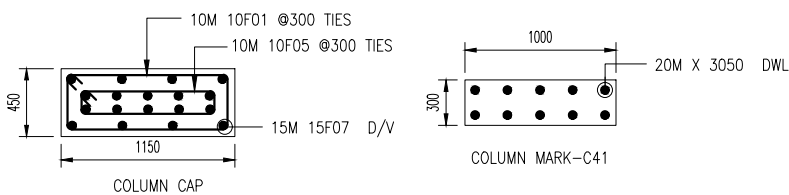
Bar list produced by RebarQ 2023



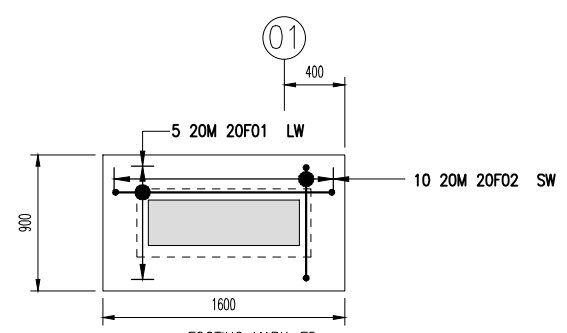
KEY PLAN
SCALE: NTS SDR S-101A & S-101B



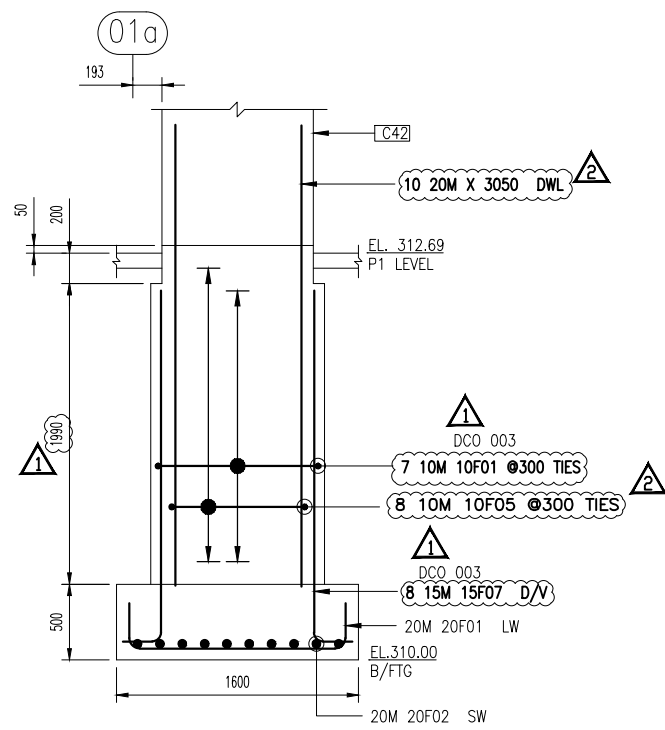
1A FC021-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



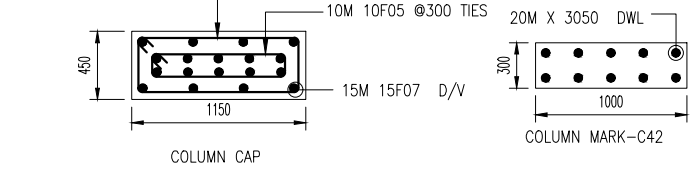
1B FC021-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



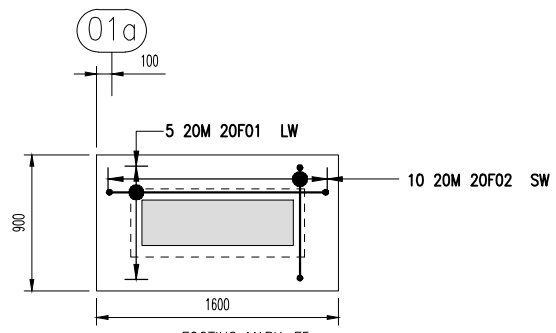
1C FC021-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



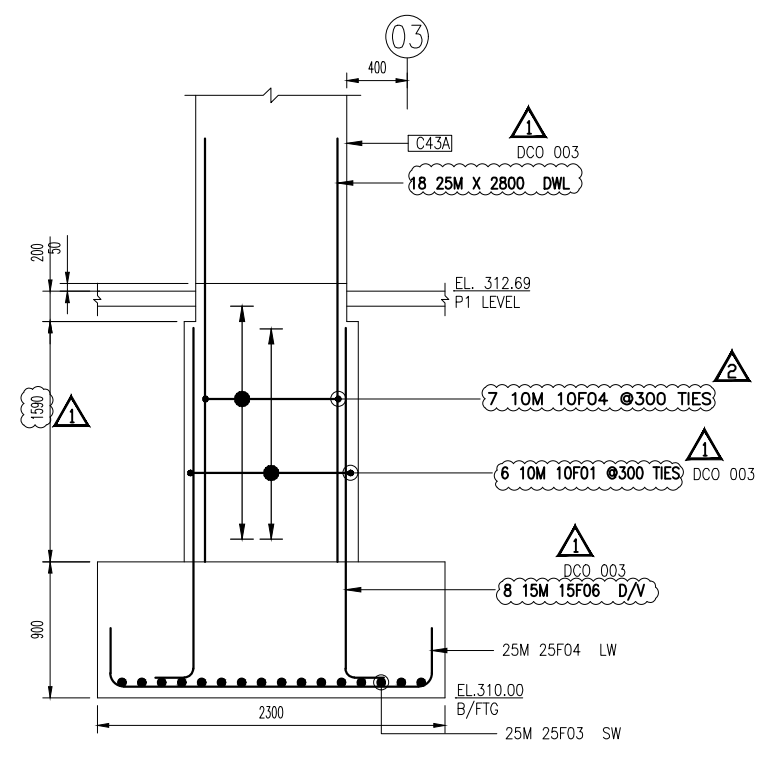
2A FC022-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



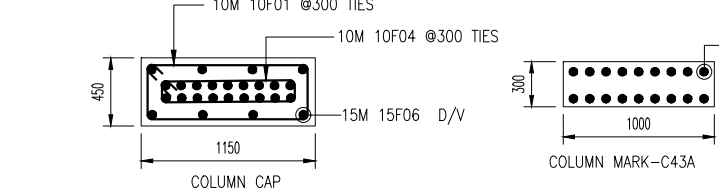
2B FC022-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



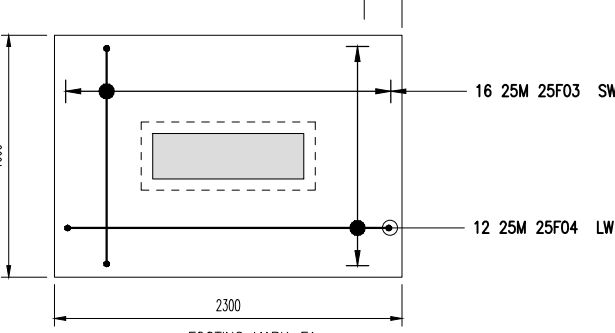
2C FC022-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



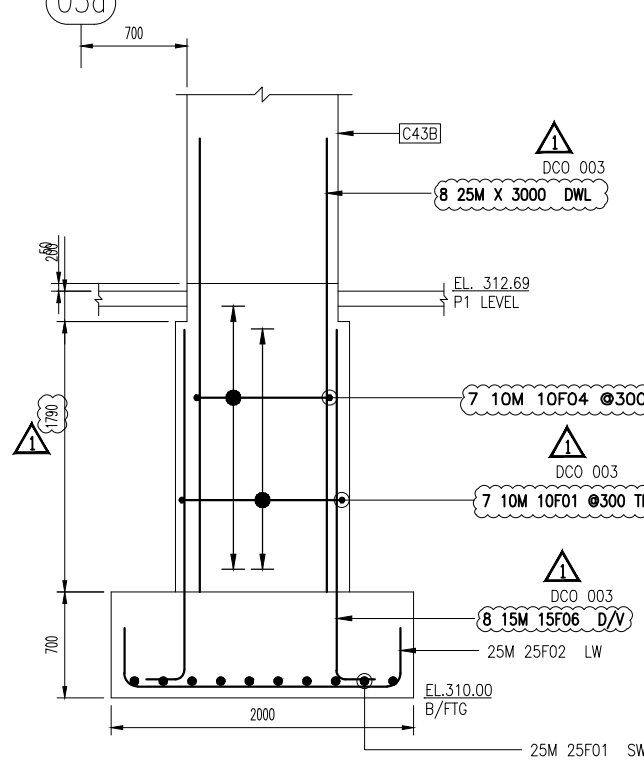
3A FC023-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



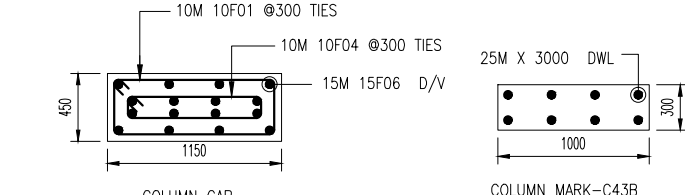
3B FC023-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



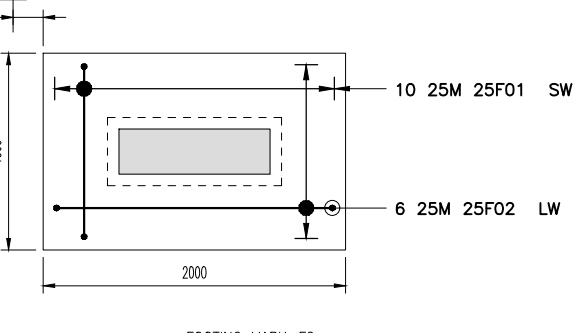
3C FC023-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



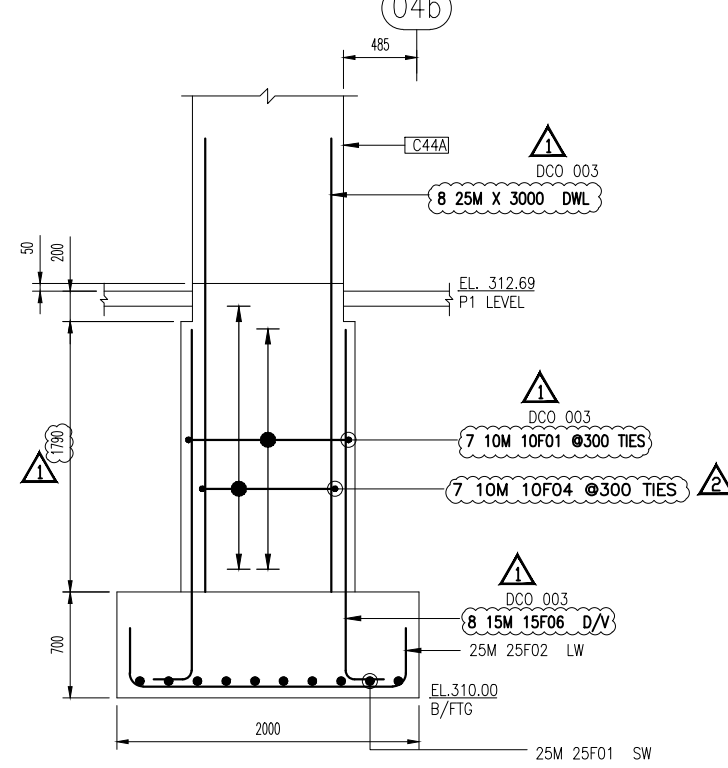
4A FC024-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



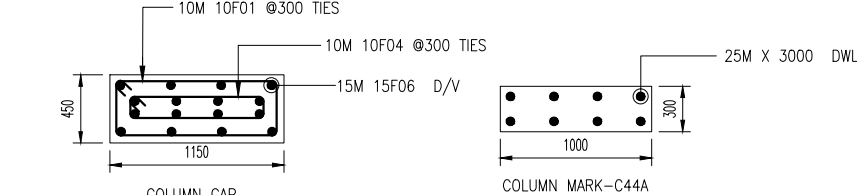
4B FC024-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



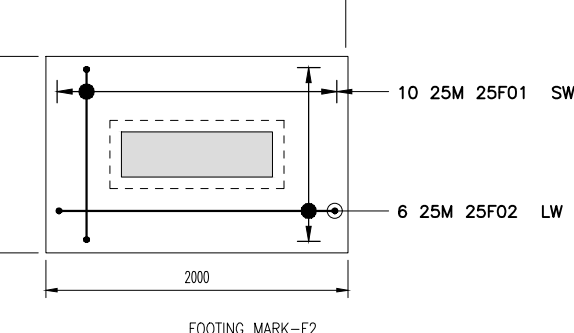
4C FC024-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



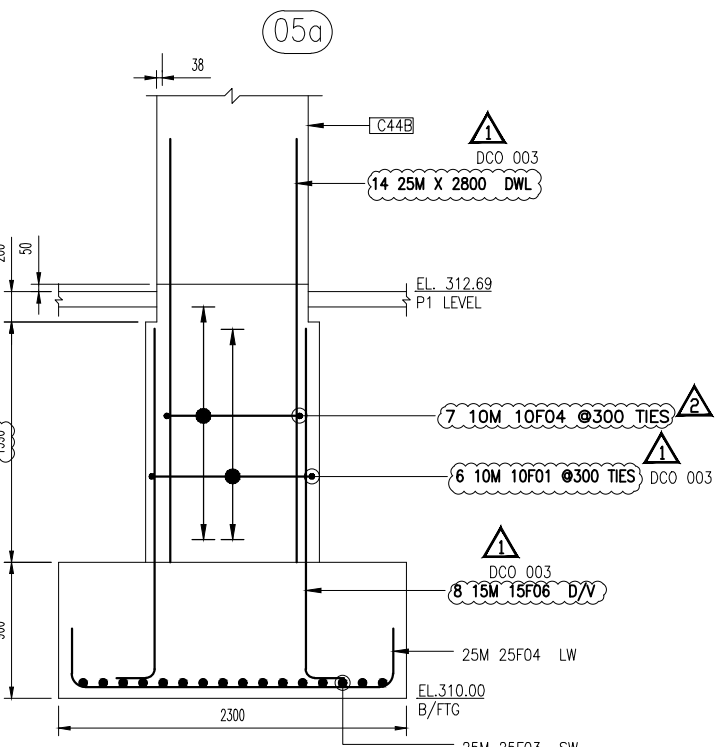
5A FC025-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



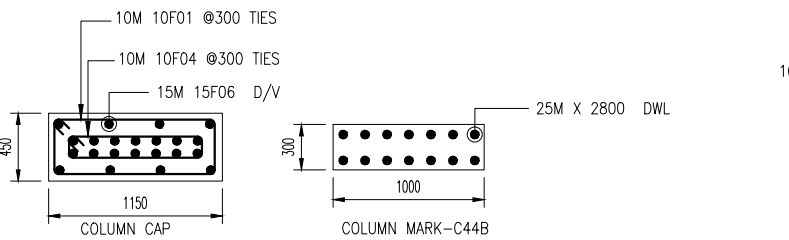
5B FC025-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



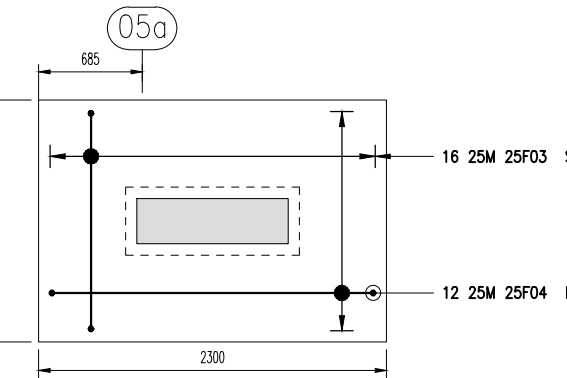
5C FC025-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



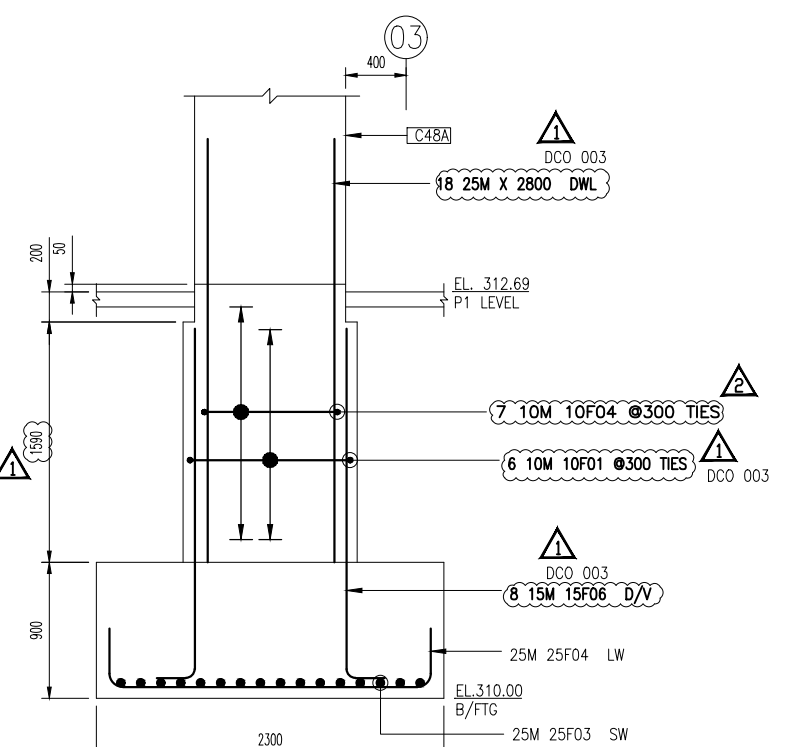
6A FC026-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



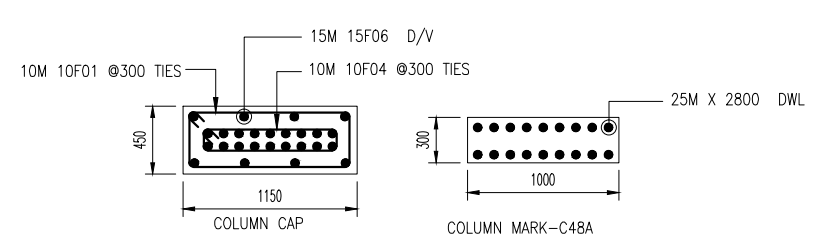
6B FC026-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



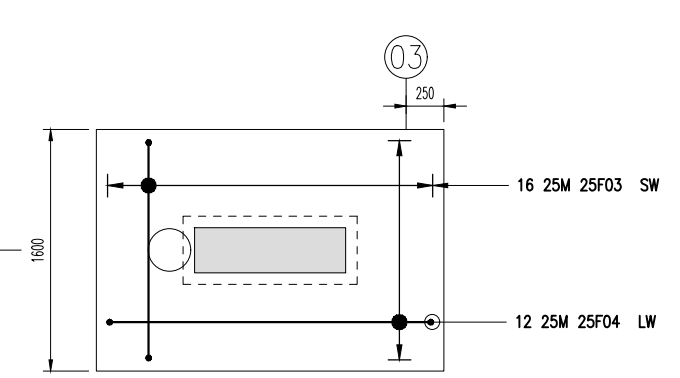
6C FC026-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



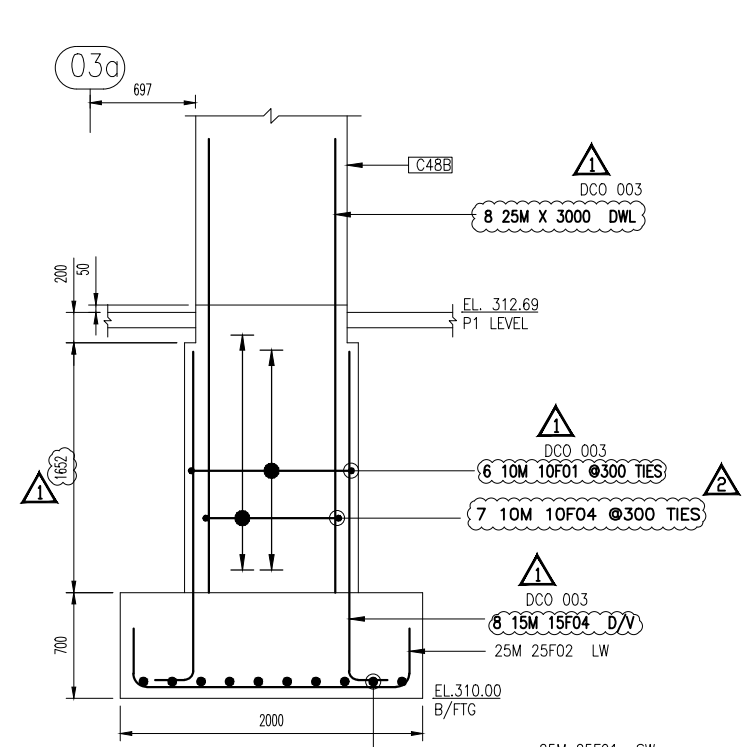
7A FC027-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



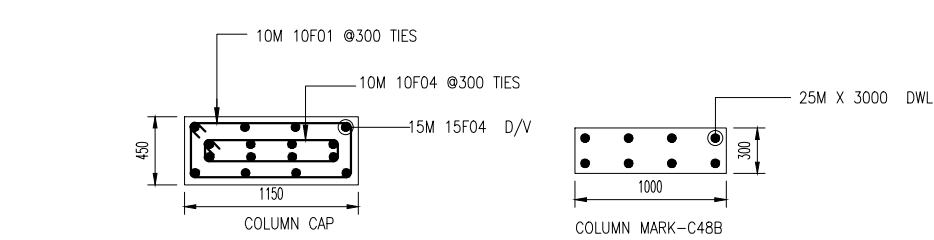
7B FC027-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



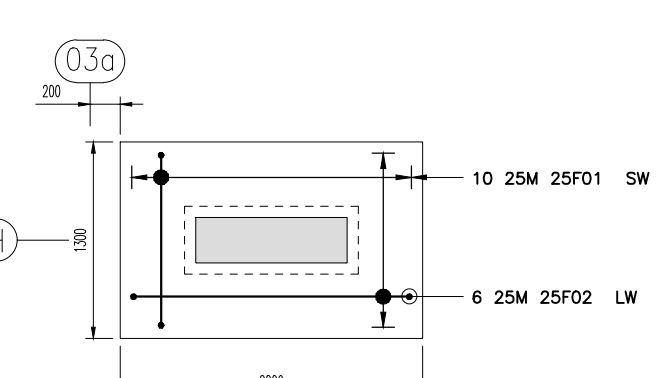
7C FC027-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



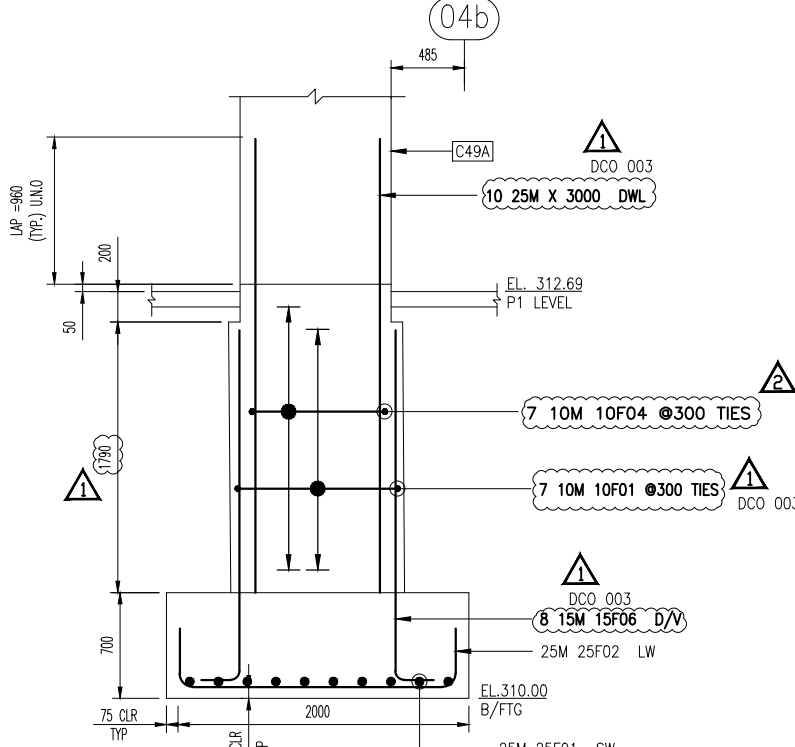
8A FC028-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



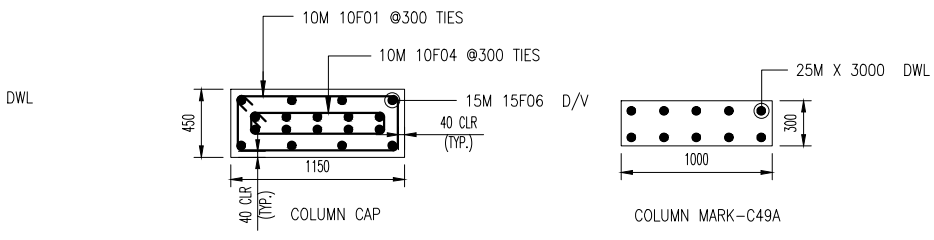
8B FC028-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



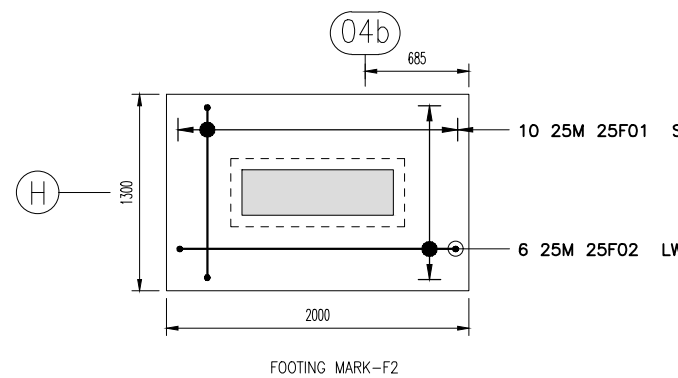
8C FC028-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



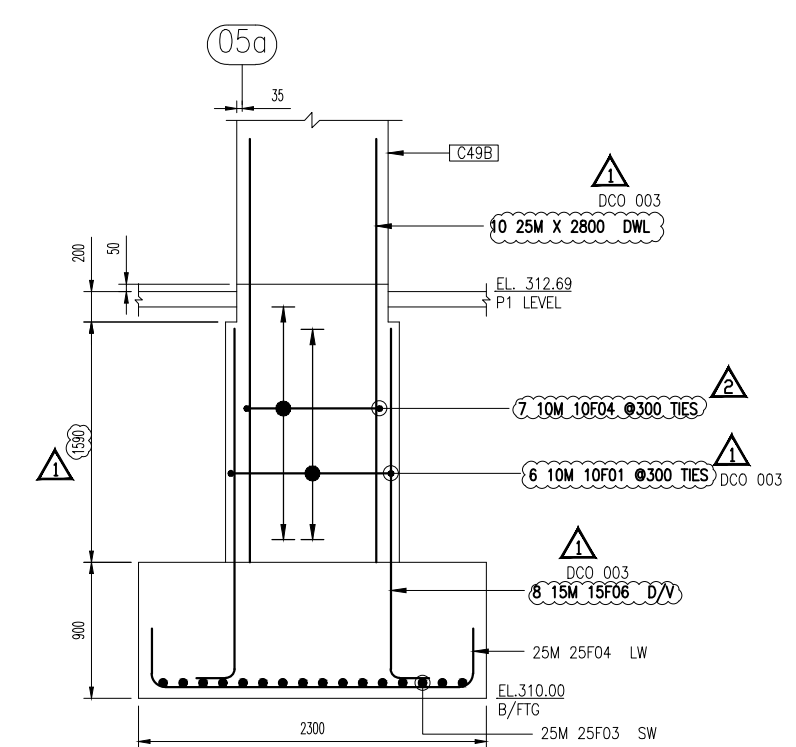
9A FC029-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



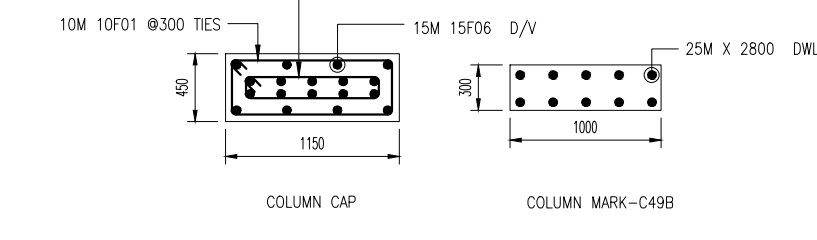
9B FC029-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



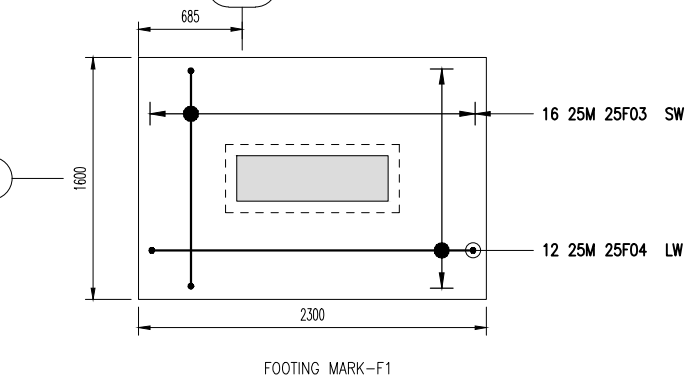
9C FC029-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



10A FC030-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



10B FC030-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

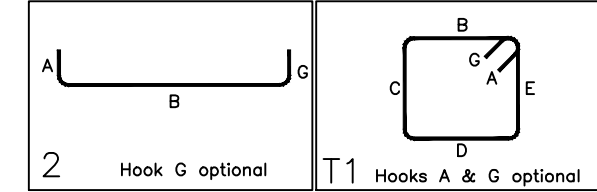


10C FC030-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

Drawing Sheet : R-57003

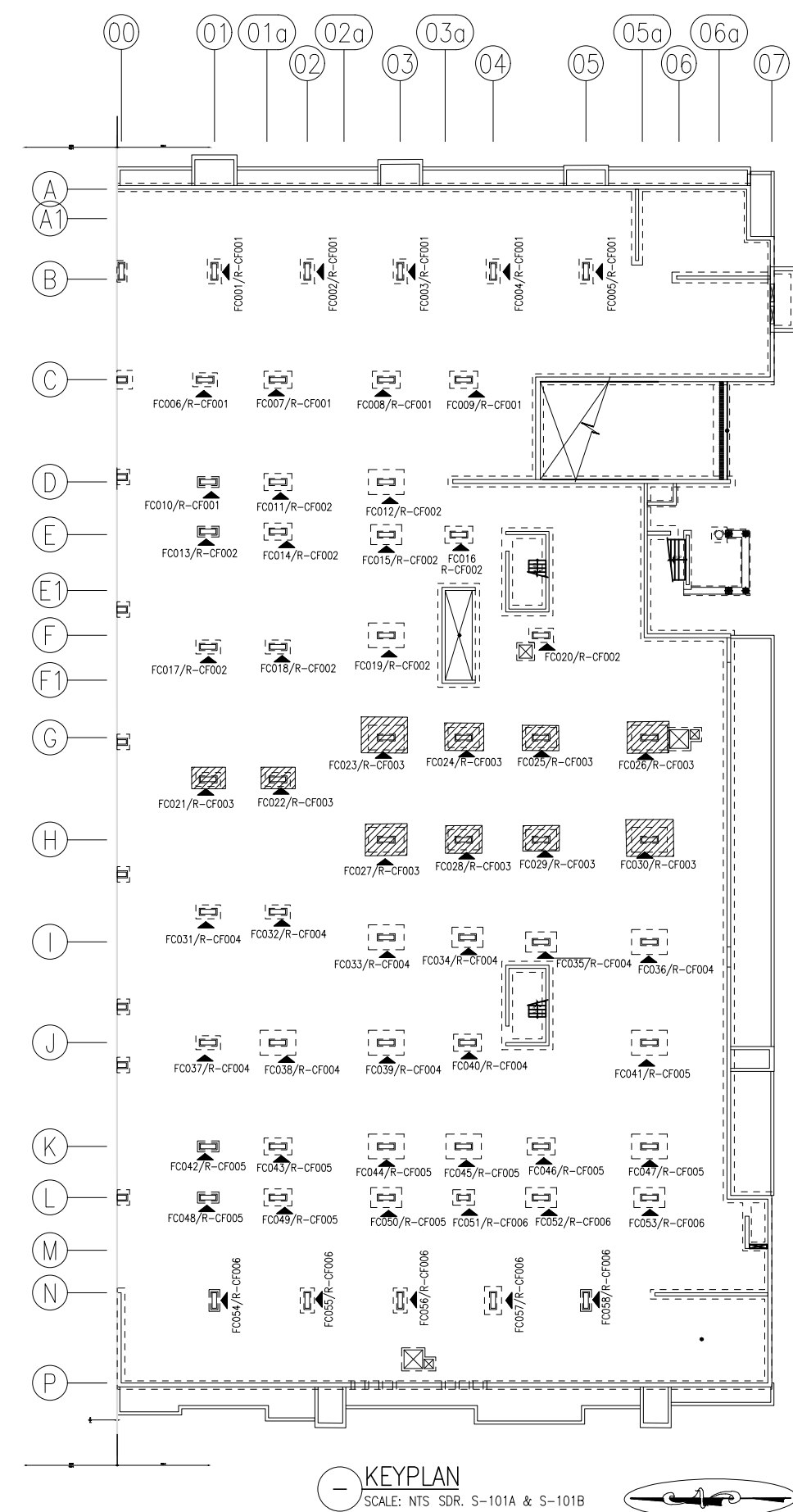
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
10F01	65	10M	3080	T1	100	1070	370	1070	370	100																				
10F04	56	10M	2280	T1	100	880	150	880	150	100																				
10F05	16	10M	2300	T1	100	880	160	880	160	100																				
15F04	8	15M	2440	2	260	2180																								
15F06	56	15M	2580	2	260	2320																								
15F07	16	15M	2590	2	260	2330																								
20F01	10	20M	2070	2	310	1450																								
20F02	20	20M	1370	2	310	750																								
25F01	40	25M	1950	2	400	1150																								
25F02	74	25M	2650	2	400	1850																								
25F03	64	25M	2250	2	400	1450																								
25F04	48	25M	2950	2	400	2150																								

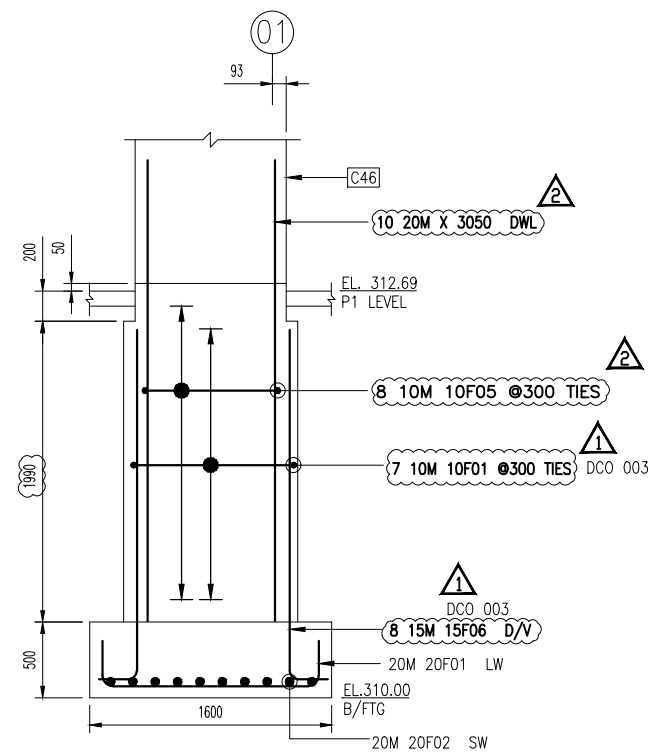
Bar list produced by Rebar20 2020



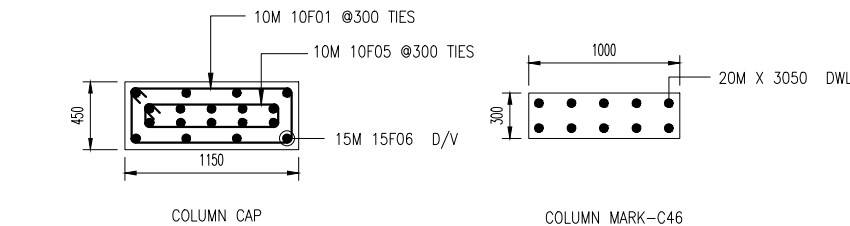
LAP SPlice LENGTHS IN CAPS & FOOTINGS

DATA	BAR SIZE	10	15	20	25	30	35
TENSION LAP SPlice		390	580	770	1210	1450	1690
DEVELOPMENT LENGTH		300	450	600	930	1110	1300

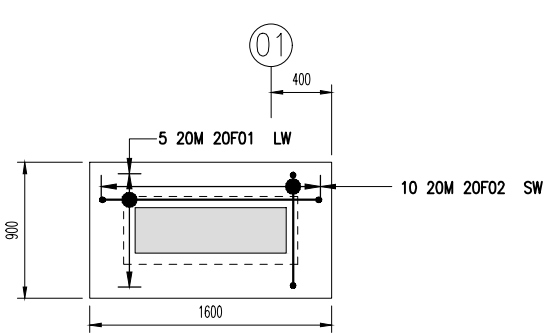




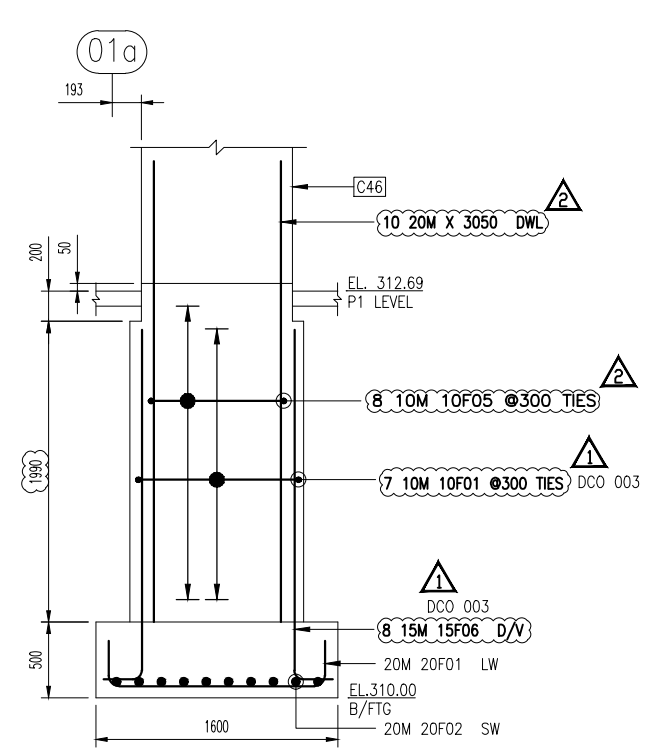
1A FC031-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



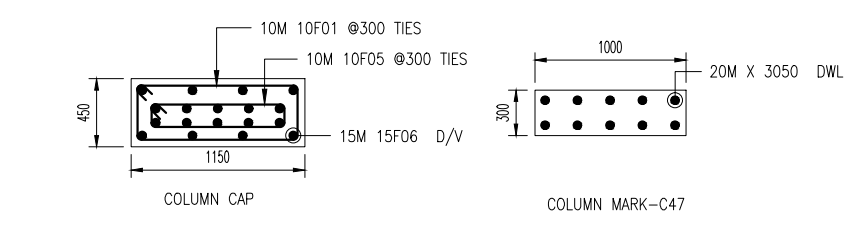
1B FC031-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



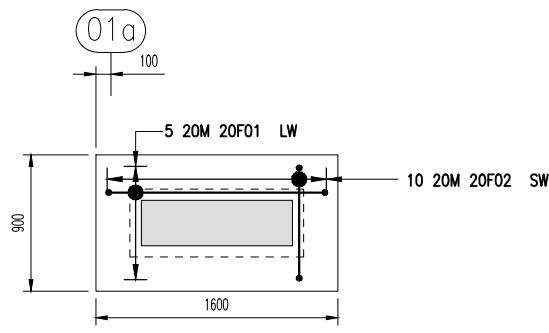
1C FC031-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



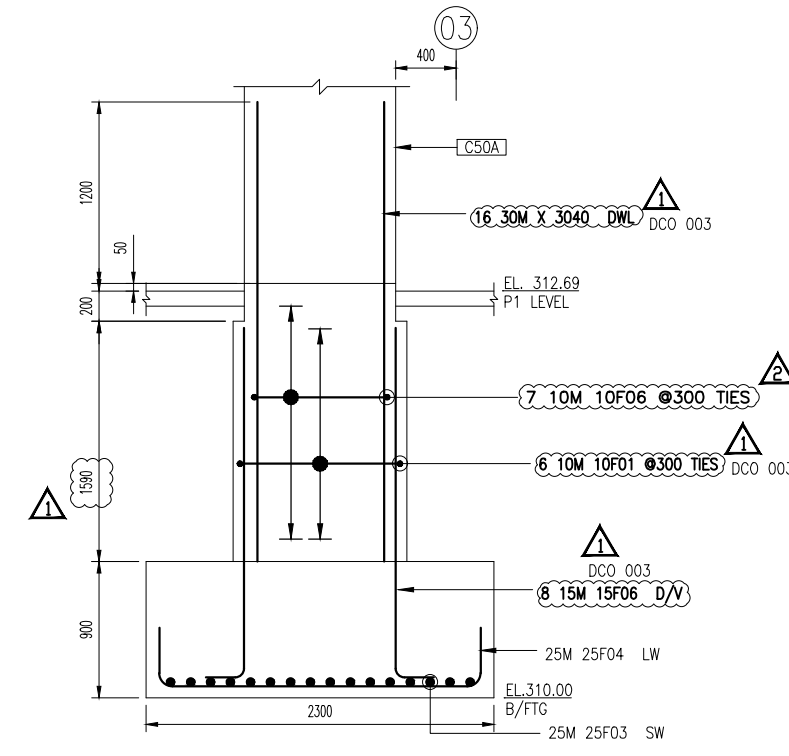
2A FC032-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



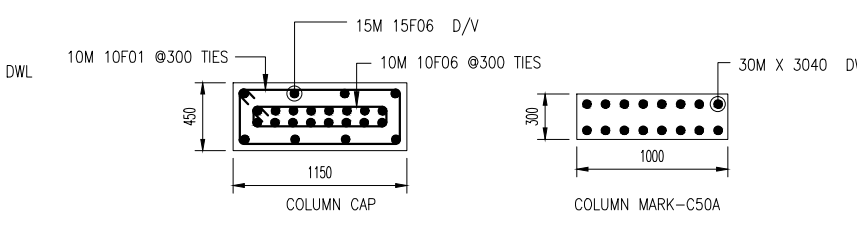
2B FC032-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



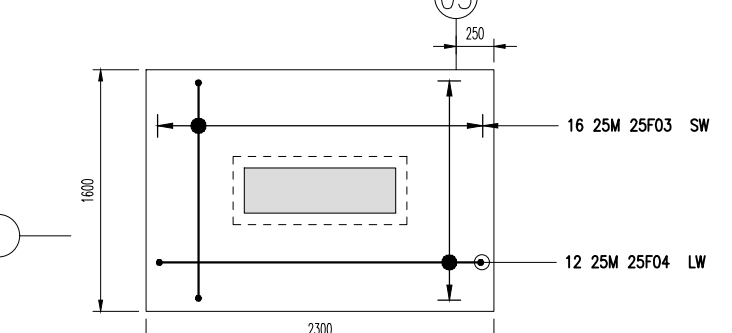
2C FC032-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



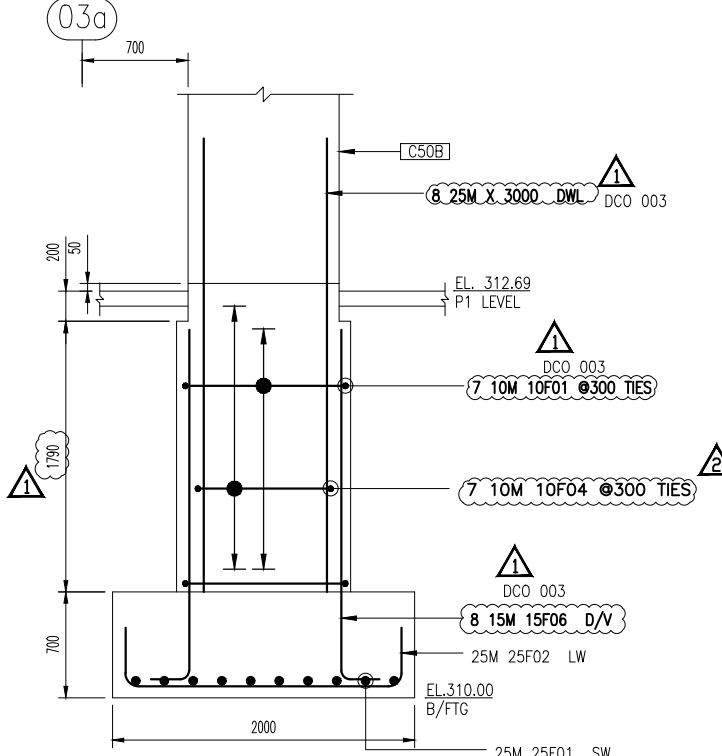
3A FC033-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



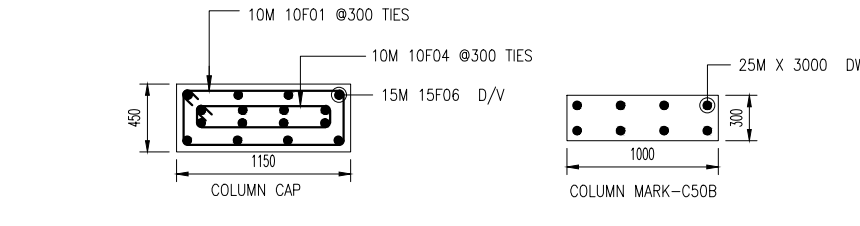
3B FC033-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



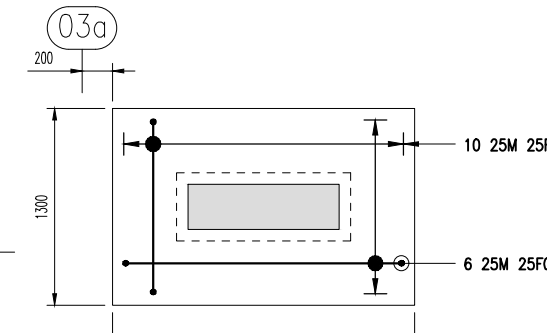
3C FC033-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



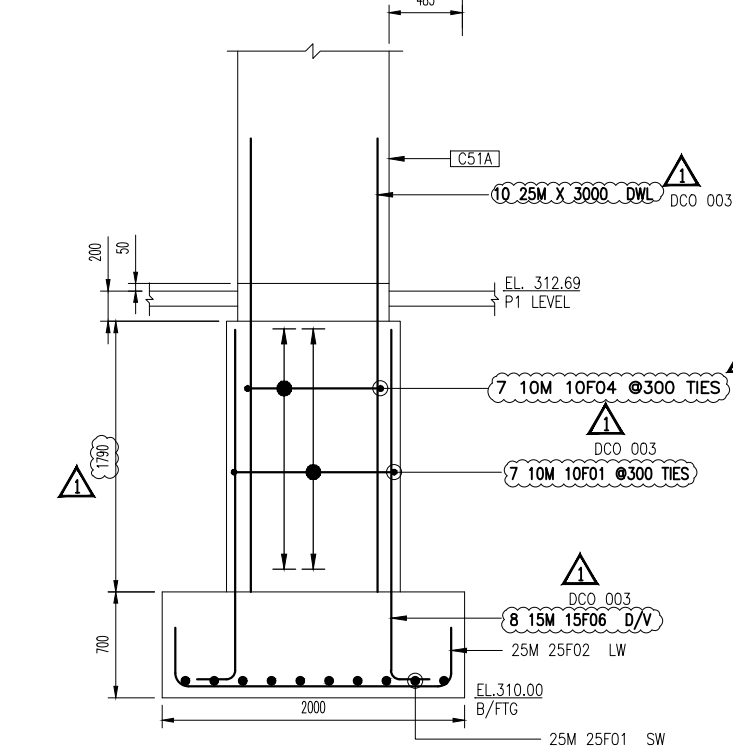
4A FC034-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



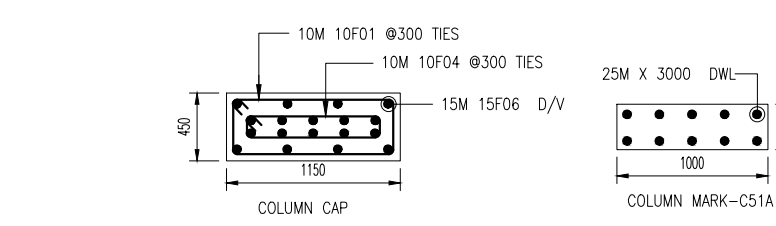
4B FC034-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



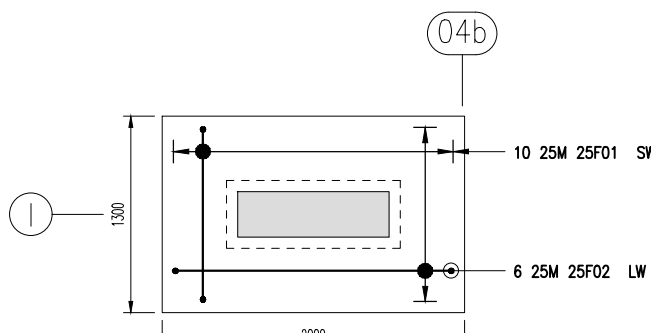
4C FC034-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



5A FC035-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



5B FC035-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

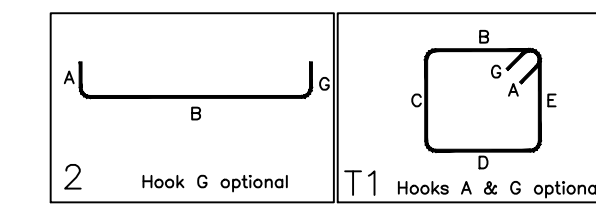


5C FC035-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006

Drawing Sheet: R-CF004

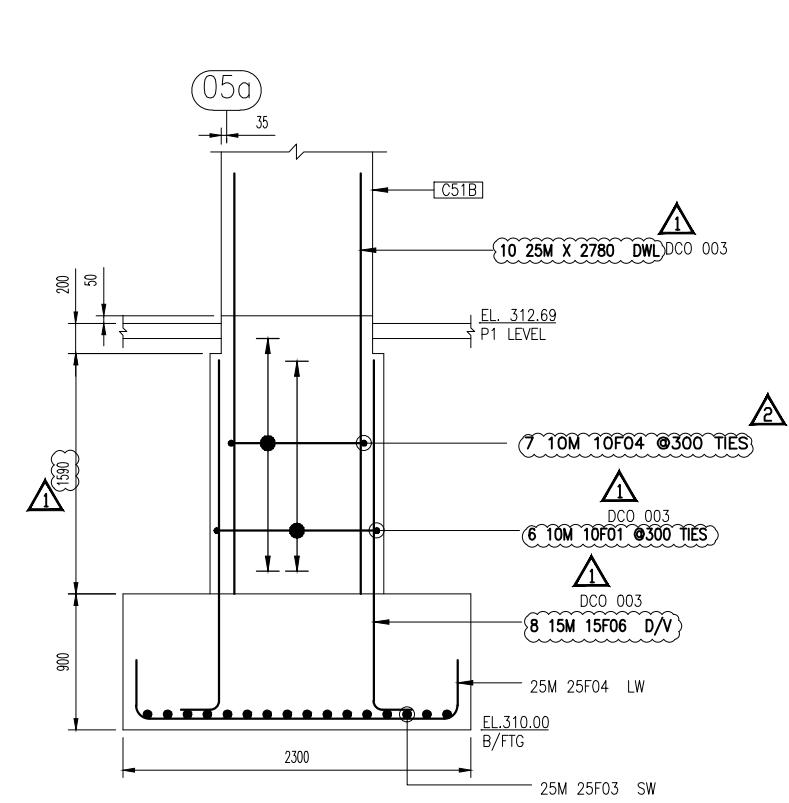
BAR LIST																
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	Z'	Y'	Z'	Y'	Z'	Y'	Z'	Y'	Z'	Y'
10F01	66	10M	3085	T1	100	1070	370	1070	370			100				
10F04	26	10M	2280	T1	100	880	150	880	150			100				
10F05	35	10M	2300	T1	100	880	160	880	160			100				
10F06	7	10M	2260	T1	100	880	140	880	140			100				
15F06	80	15M	2580	2	260	2320										
20F01	15	20M	2070	2	310	1450										
20F02	30	20M	1370	2	310	750										
25F01	20	25M	1950	2	400	1150										
25F02	12	25M	2650	2	400	1850										
25F03	64	25M	2250	2	400	1450										
25F04	48	25M	2950	2	400	2150										
25F05	5	25M	2400	2	400	1650										
25F06	9	25M	1750	2	400	950										

See 16 printed by HANCOCK 2025

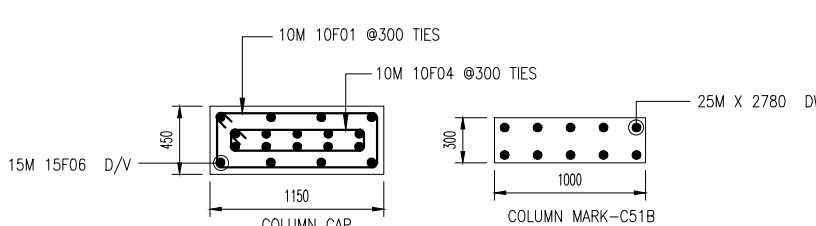


LAP SPLICE LENGTHS IN COLUMN CAPS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS

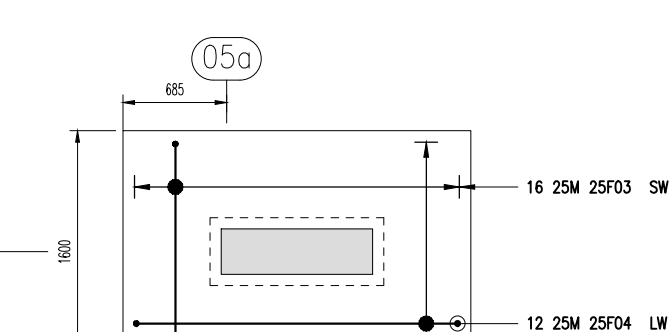
DATA	BAR SIZE	10	15	20	25	30	35
F _y = 400 MPa F _c = 40 MPa	TENSION LAP SPLICE	390	580	770	1210	1450	1690
F _y = 400 MPa F _c = 40 MPa	DEVELOPMENT LENGTH	300	450	600	930	1110	1300



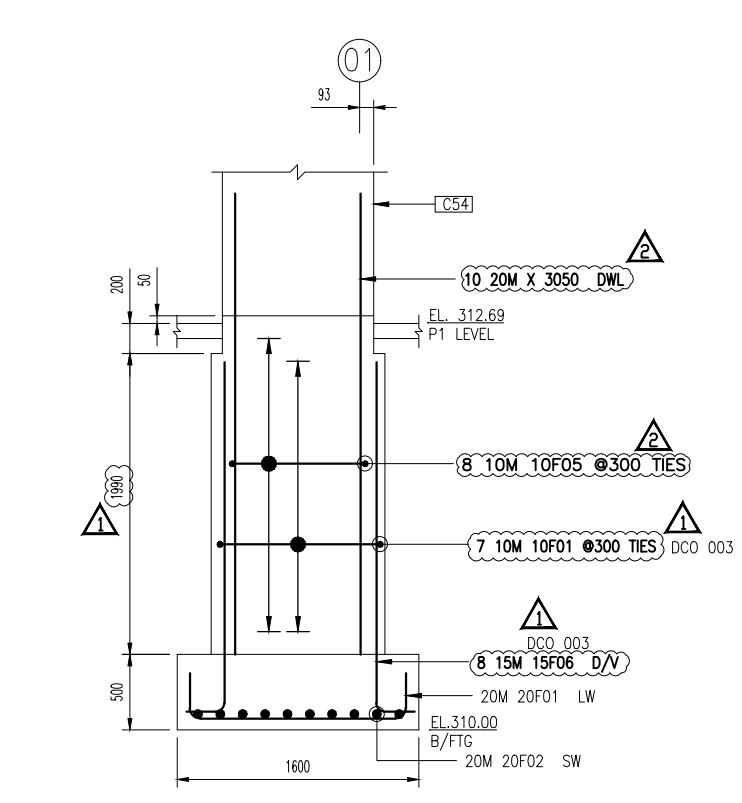
6A FC036-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



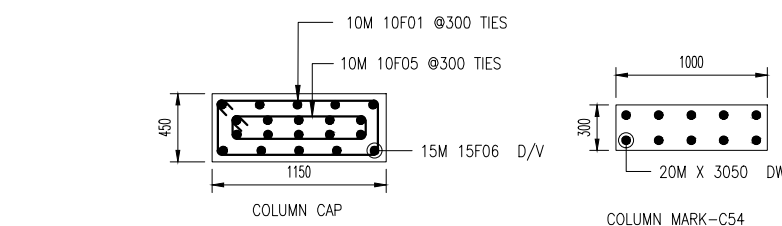
6B FC036-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



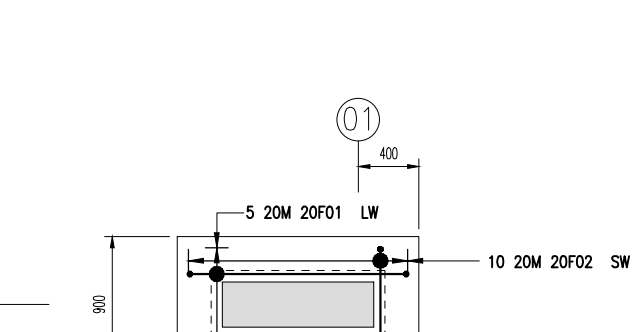
6C FC036-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



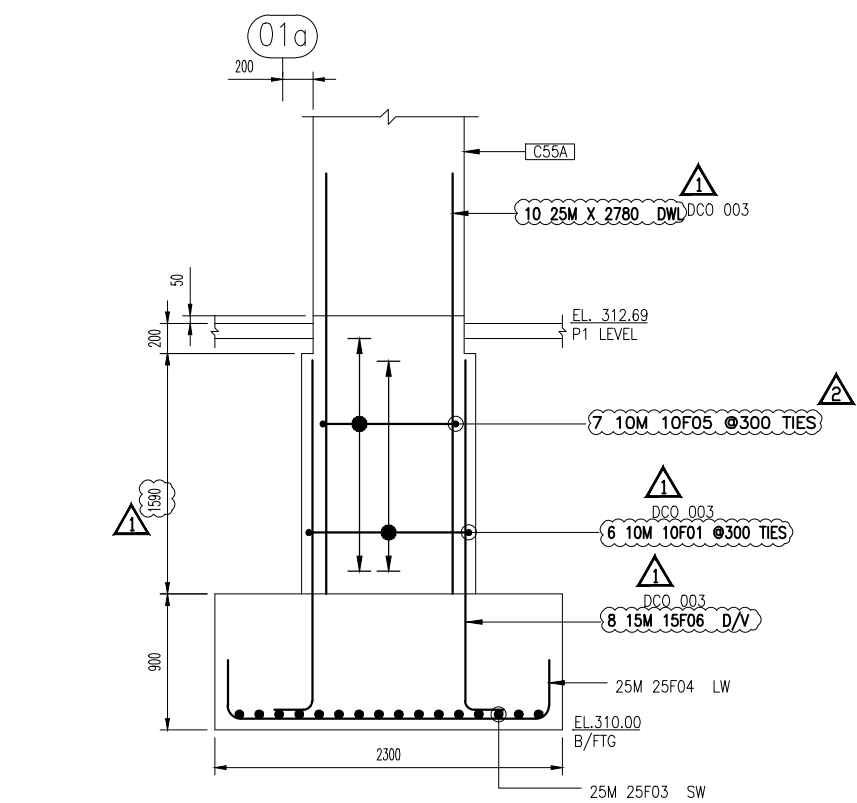
7A FC037-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



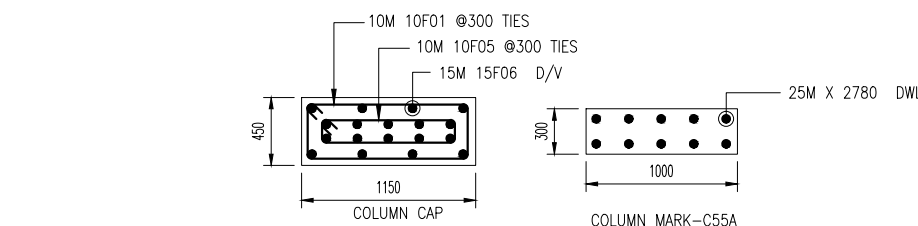
7B FC037-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



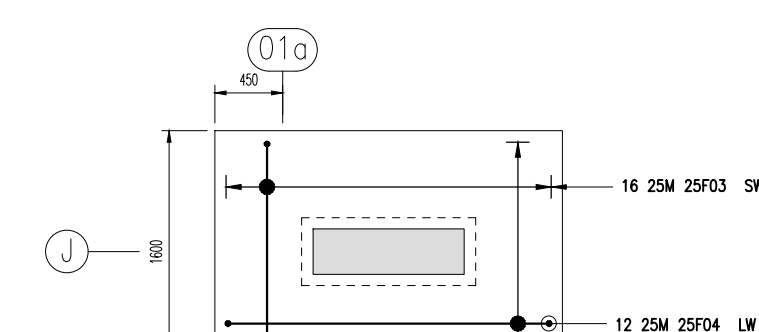
7C FC037-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



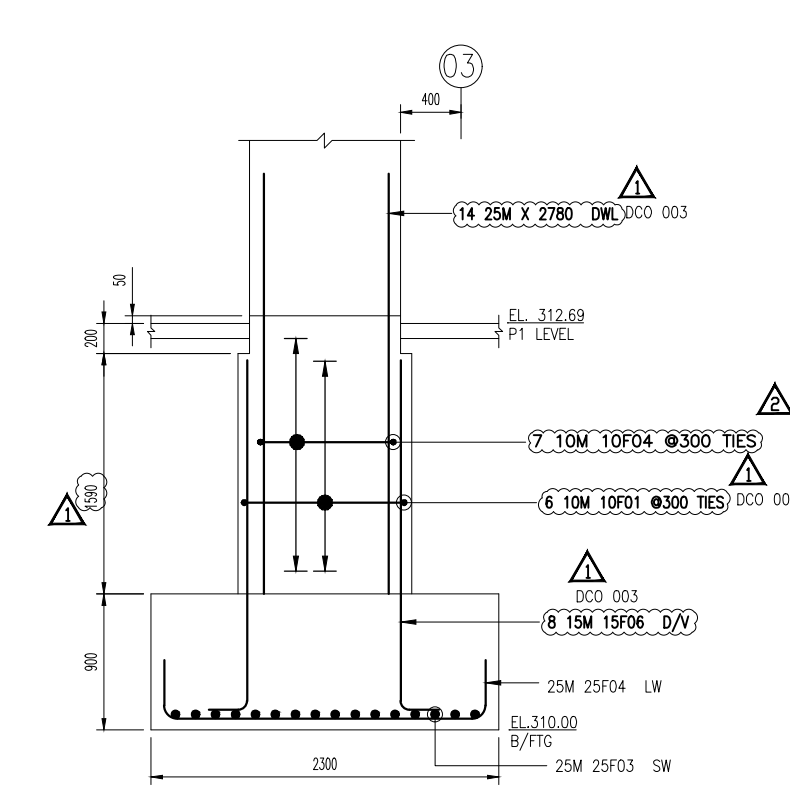
8A FC038-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



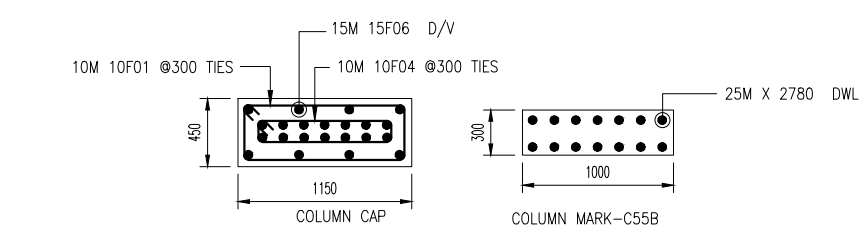
8B FC038-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



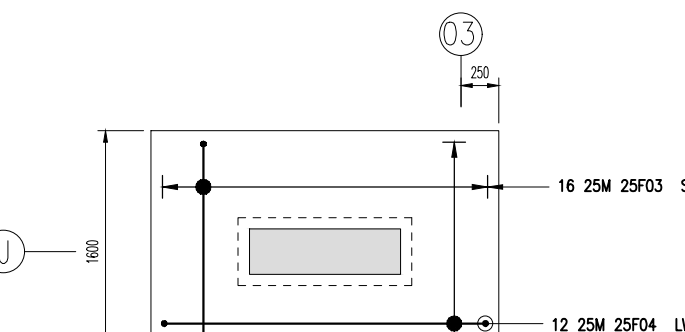
8C FC038-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



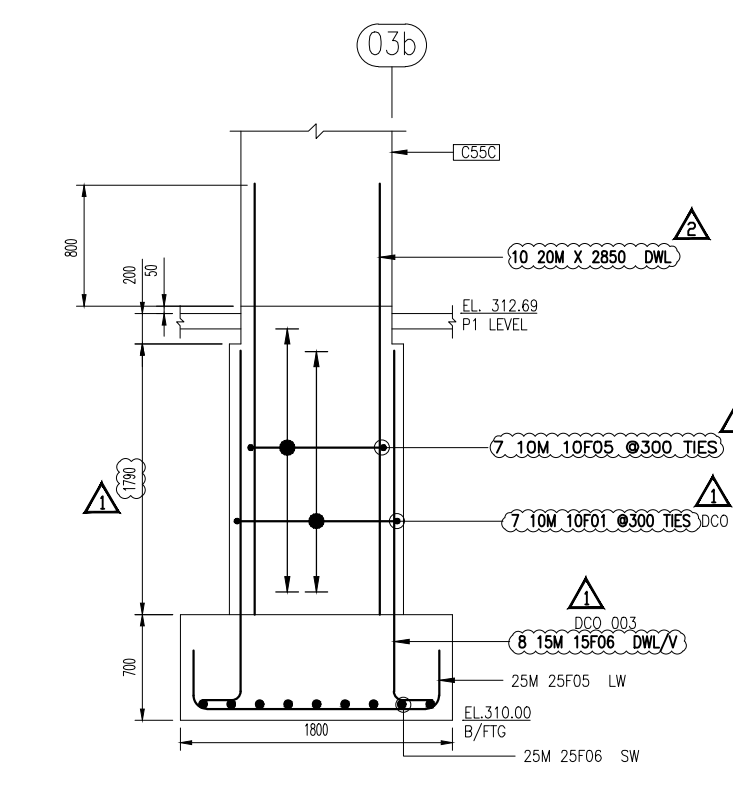
9A FC039-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



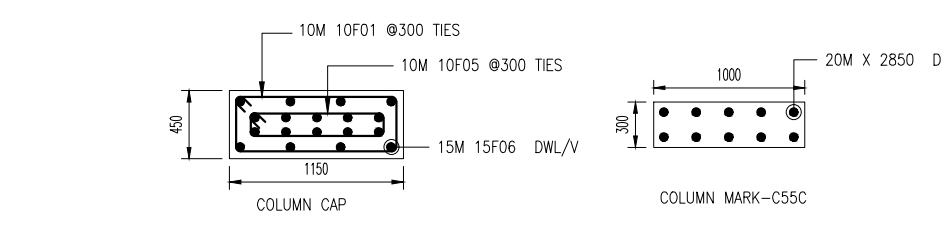
9B FC039-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



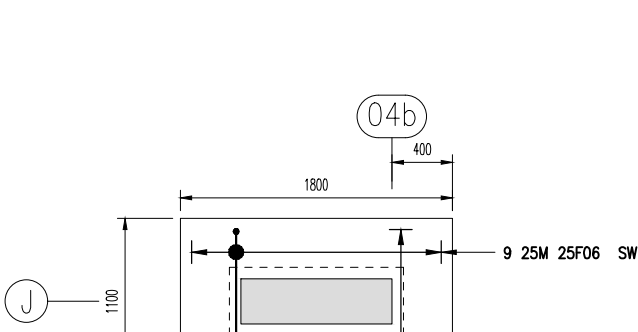
9C FC039-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



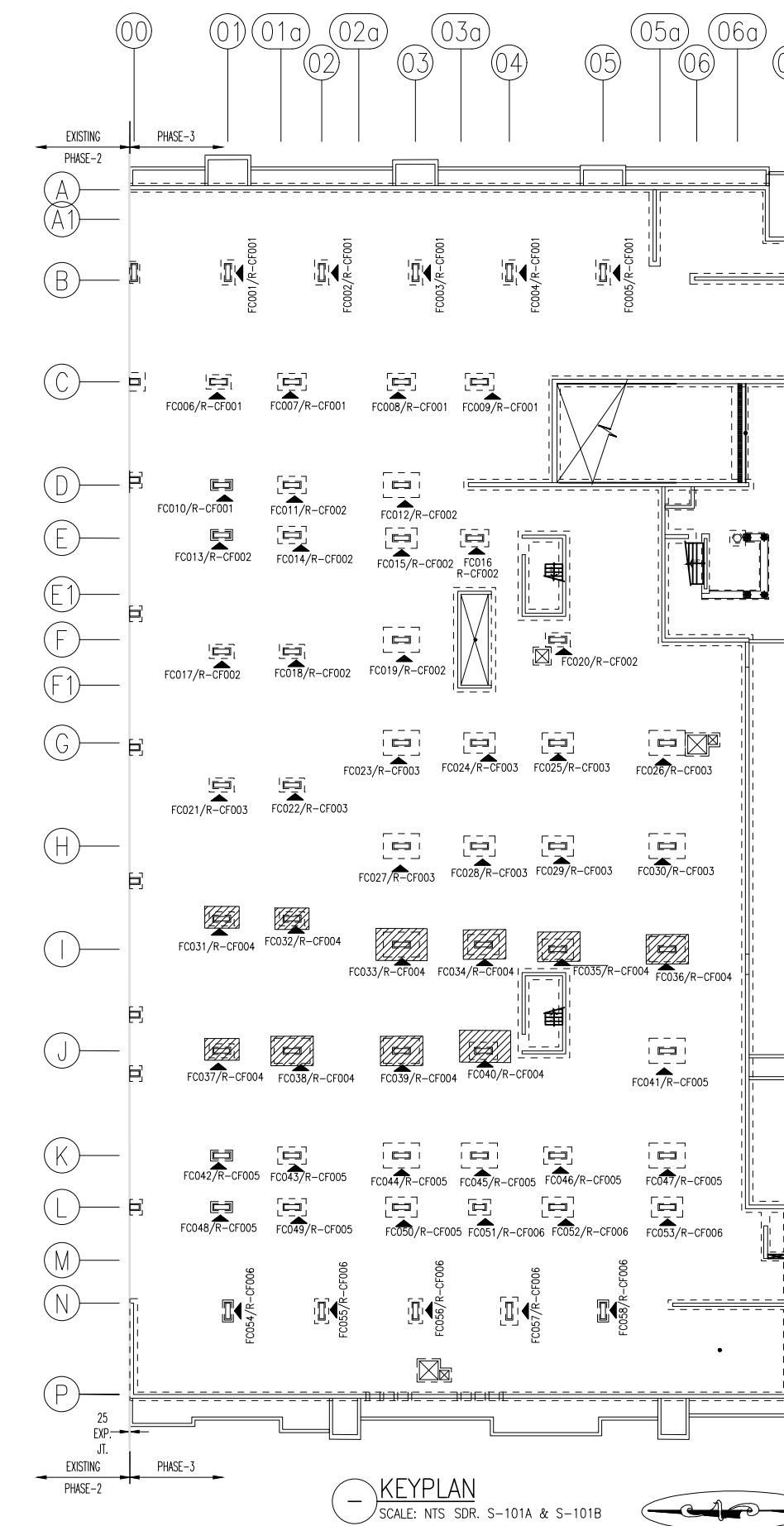
10A FC040-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



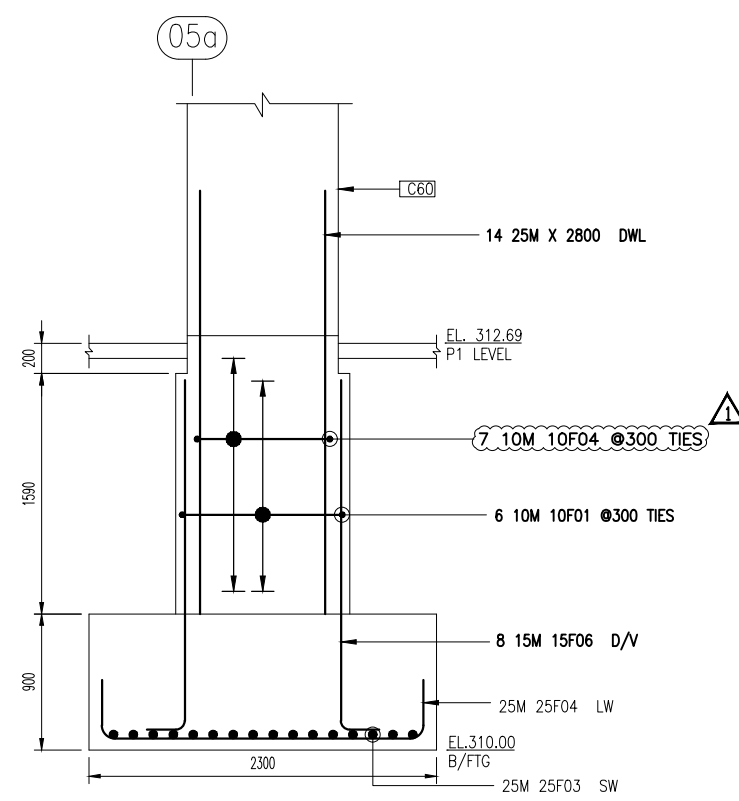
10B FC040-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



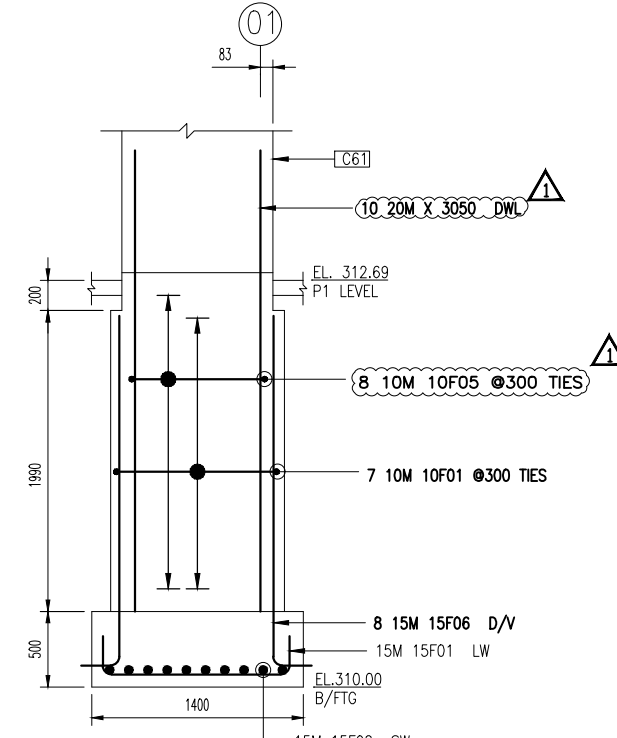
10C FC040-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDR.S-101A.S-101B.S-006



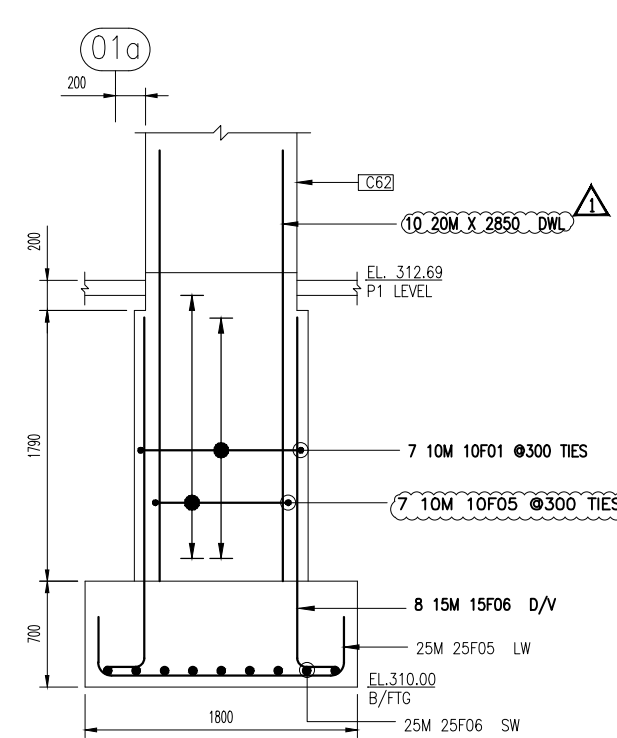
KEY PLAN
SCALE: NTS SDR. S-101A & S-101B



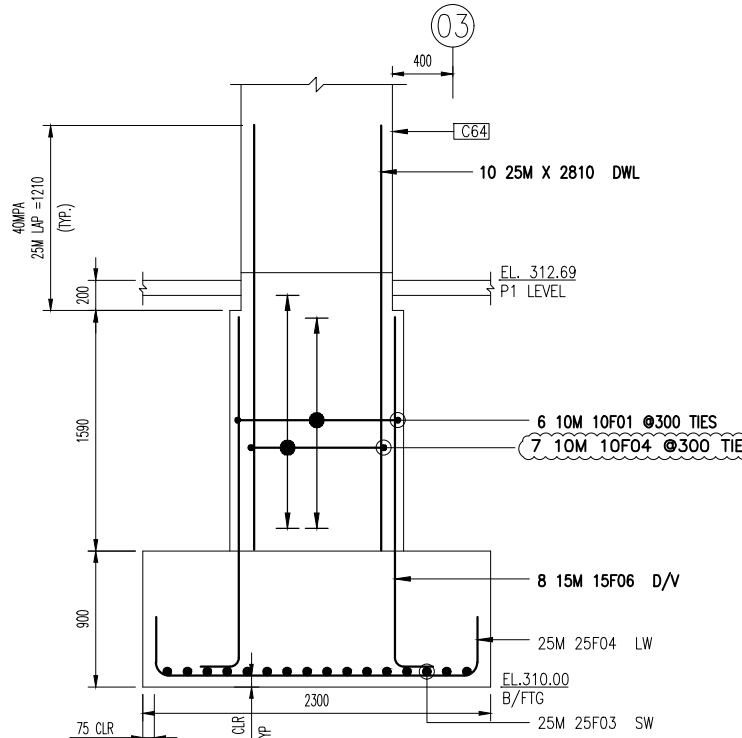
1A FC041-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



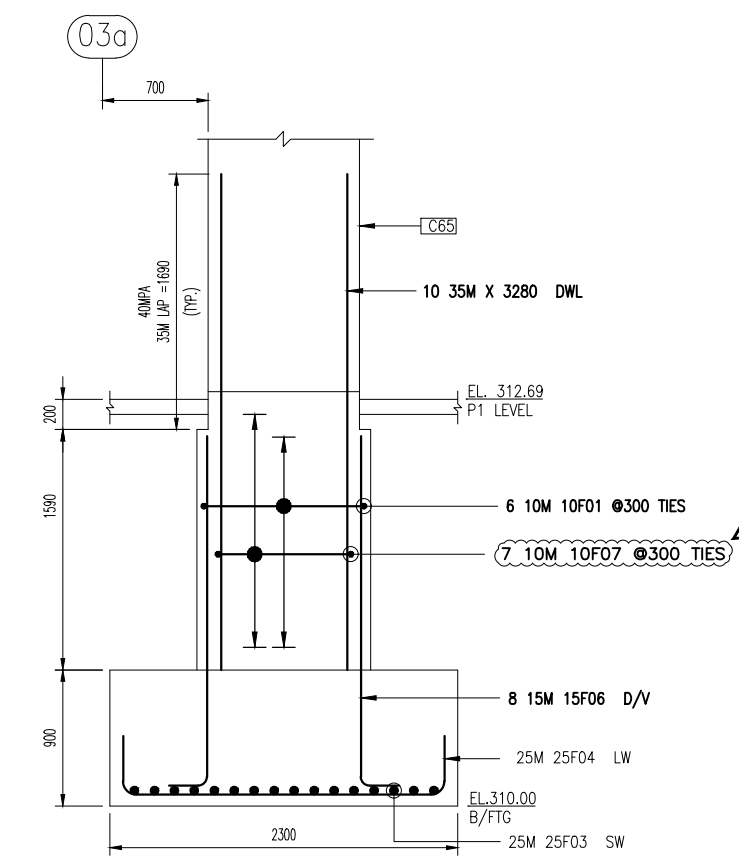
2A FC042-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



3A FC043-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



4A FC044-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006

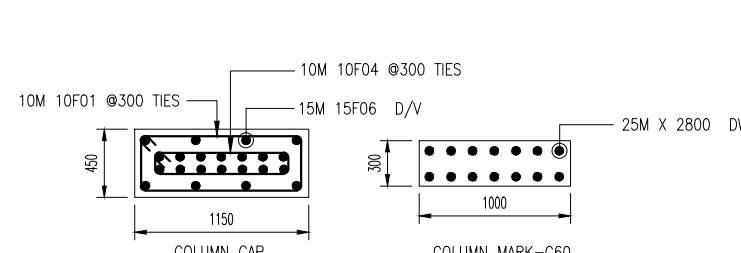
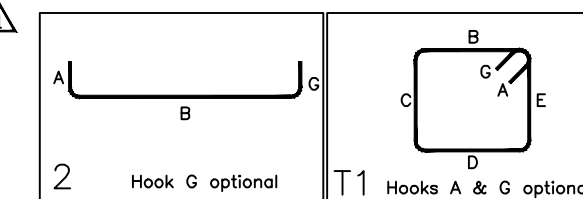


5A FC045-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006

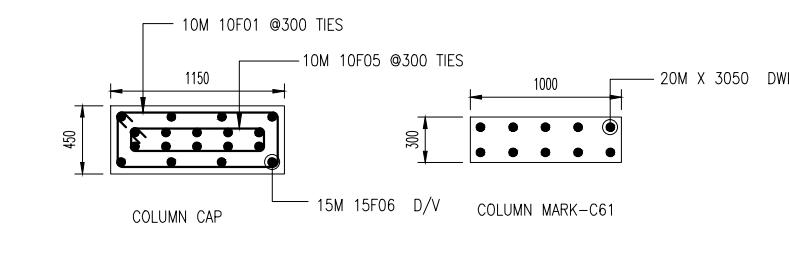
Drawing Sheet : R-0705

Bar Mark	Qty	Size	Total Length	Type	X	Y	W	H	W	H	W	H	W	H	W	H
10F01	66	10M	3300	T1	100	1070	370	1070	370	100	1070	370	100	1070	370	100
10F04	14		2280	T1	100	890	150	890	150	100	890	150	100	890	150	100
10F05	44		2300	T1	100	890	160	890	160	100	890	160	100	890	160	100
10F07	14		2240	T1	100	890	130	890	130	100	890	130	100	890	130	100
15F01	8	15M	1770	2	260	1250										
15F02	20		1070	2	260	550										
15F05	8		2540	2	260	2280										
15F06	72		2580	2	260	2320										
25F01	10	25M	1950	2	400	1150										
25F02	6		2650	2	400	1850										
25F03	64		2250	2	400	1450										
25F04	48		2950	2	400	2150										
25F05	15		2450	2	400	1650										
25F06	27		1750	2	400	950										

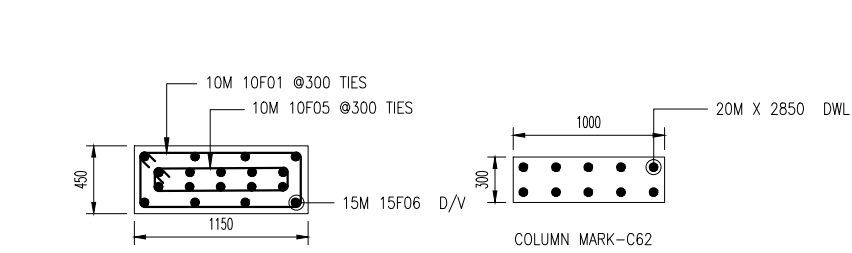
Bar list produced by RebarCAD 2020



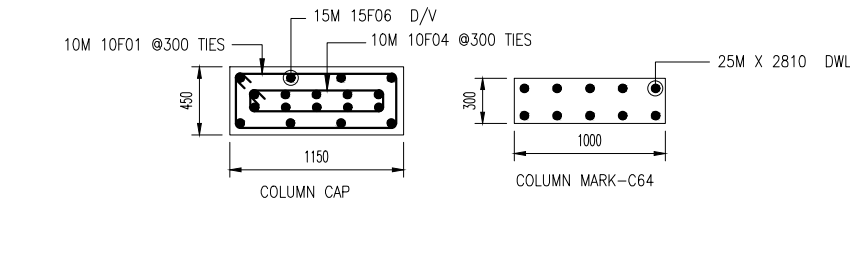
1B FC041-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



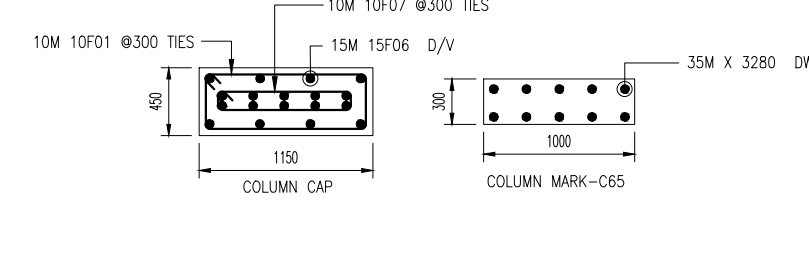
2B FC042-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



3B FC043-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



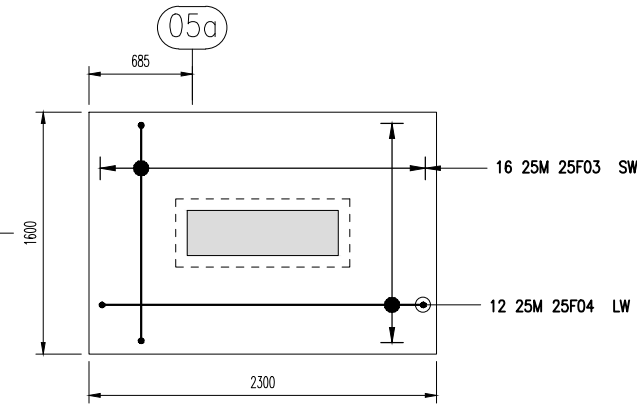
4B FC044-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



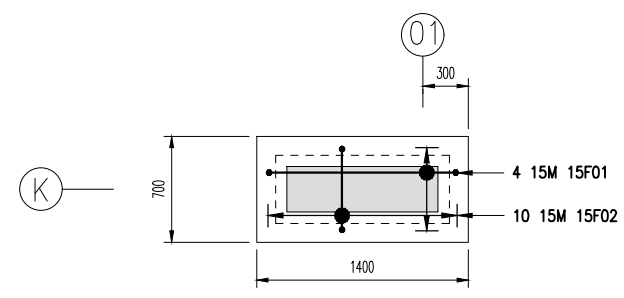
5B FC045-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006

LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS

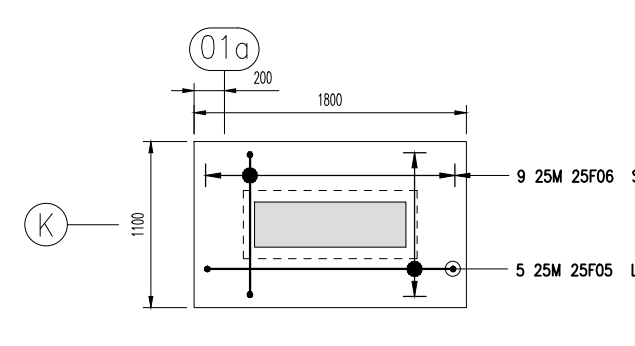
DATA	BAR SIZE	10	15	20	25	30	35
F _y = 400 MPa	TENSION						
F _y = 40 MPa	LAP SPICE	390	580	770	1210	1450	1690
F _y = 400 MPa	DEVELOPMENT						
F _y = 40 MPa	LENGTH	300	450	600	930	1110	1300



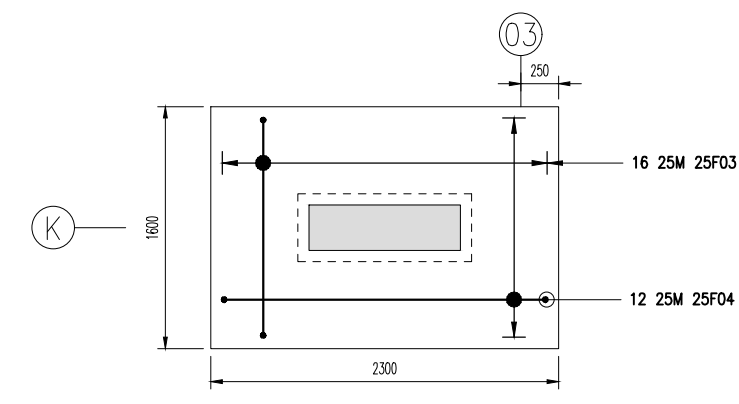
1C FC041-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



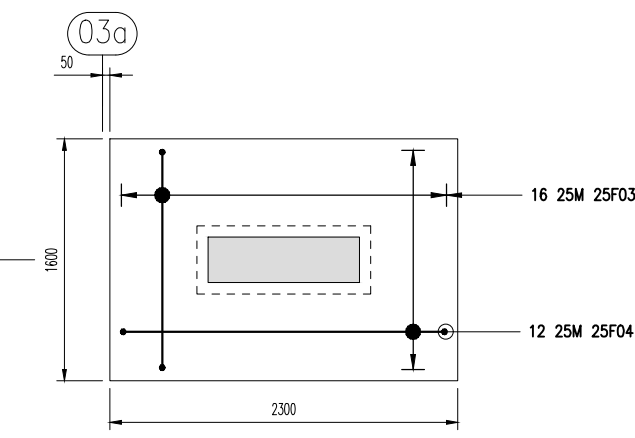
2C FC042-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



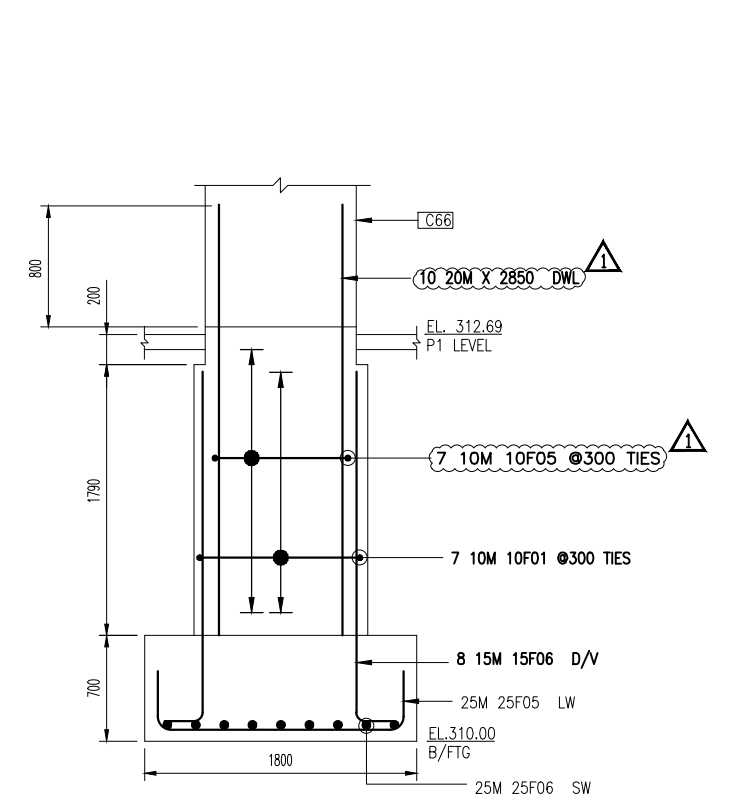
3C FC043-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



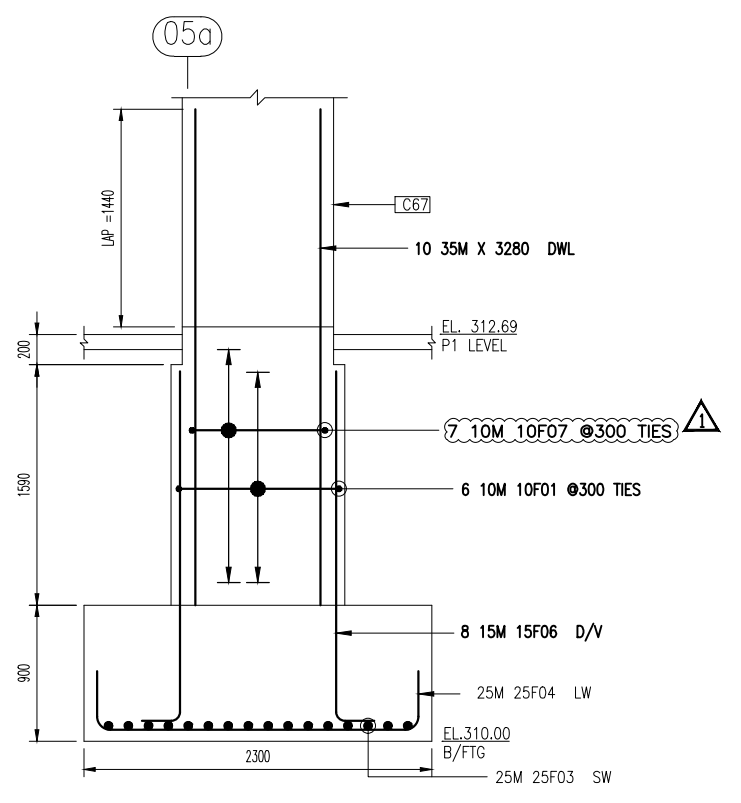
4C FC044-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



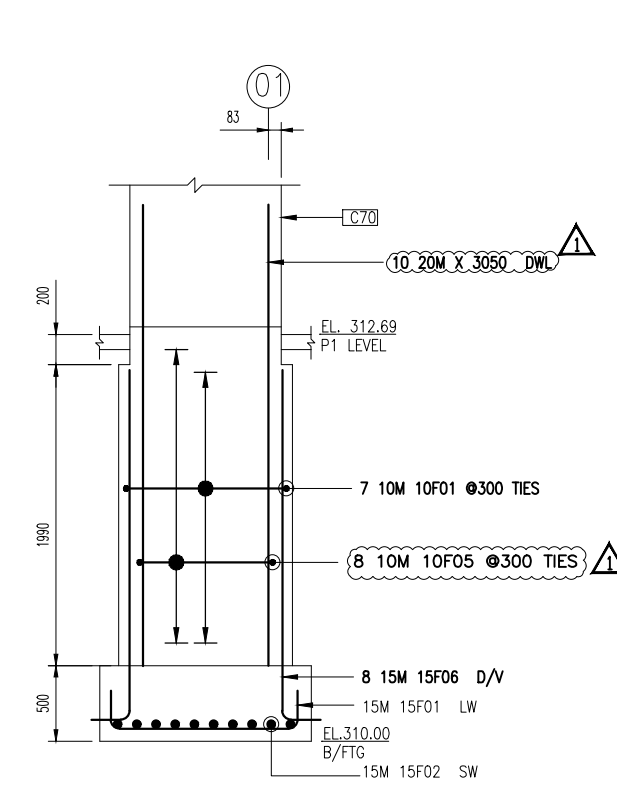
5C FC045-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



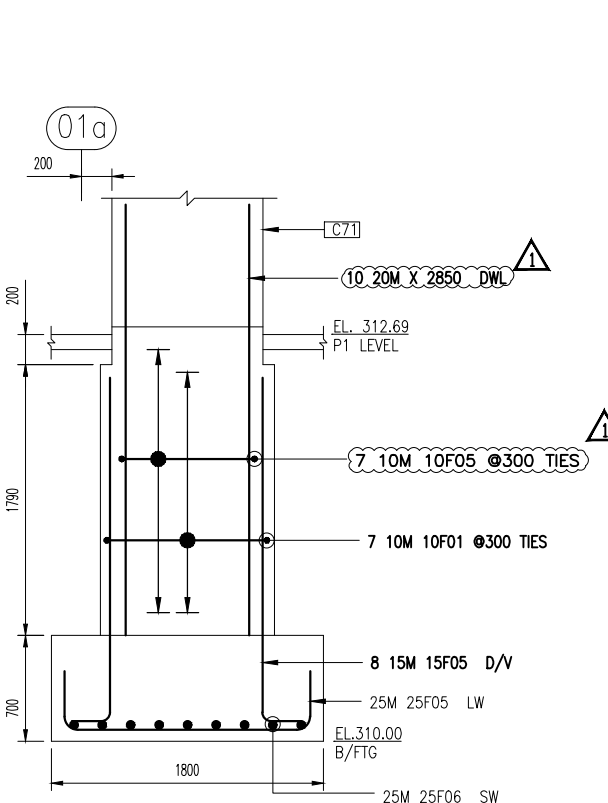
6A FC046-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



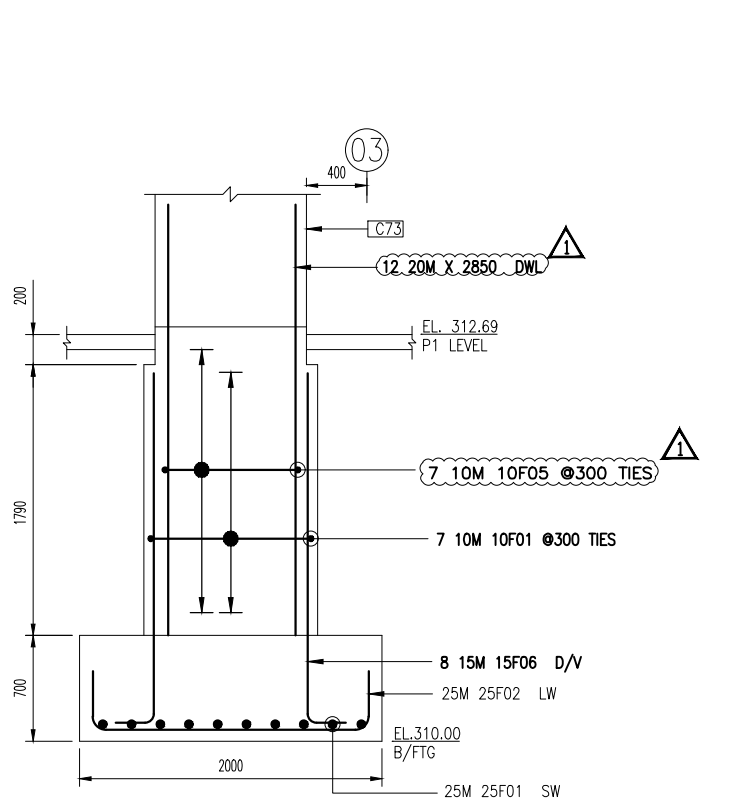
7A FC047-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



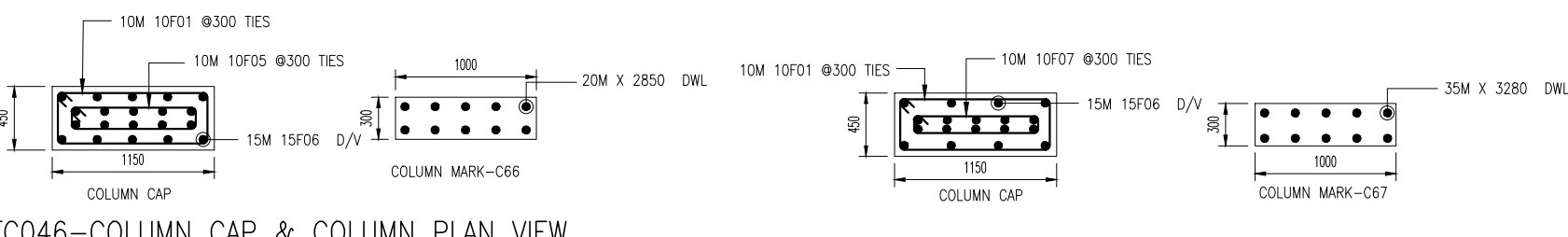
8A FC048-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



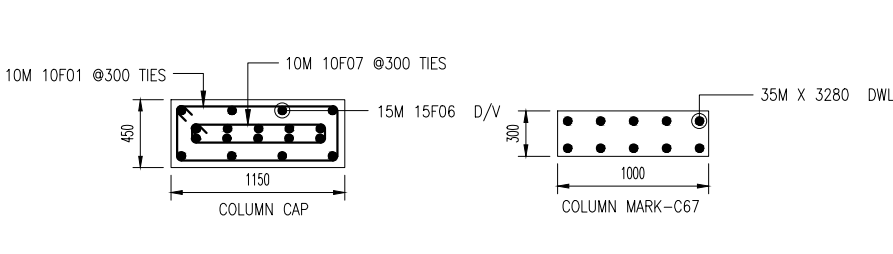
9A FC049-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



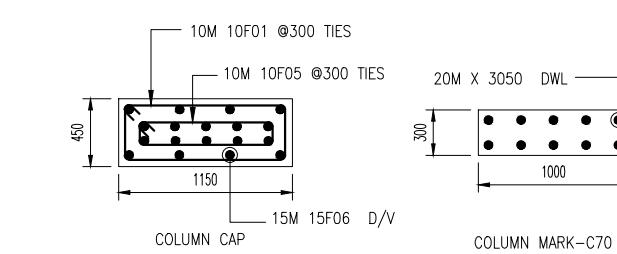
10A FC050-ELEVATION VIEW
(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



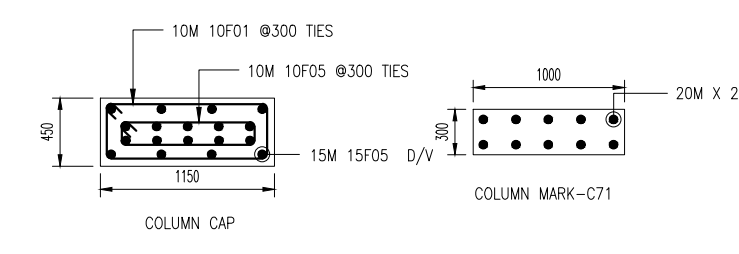
6B FC046-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



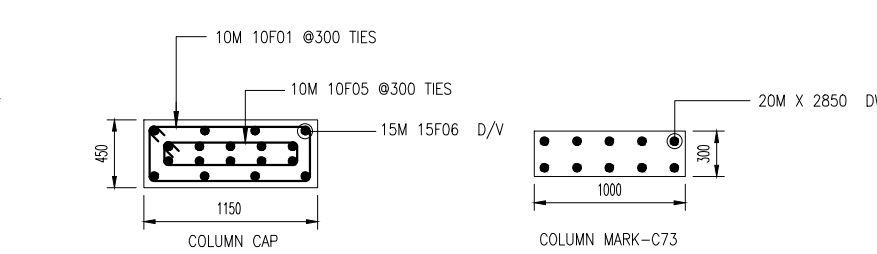
7B FC047-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



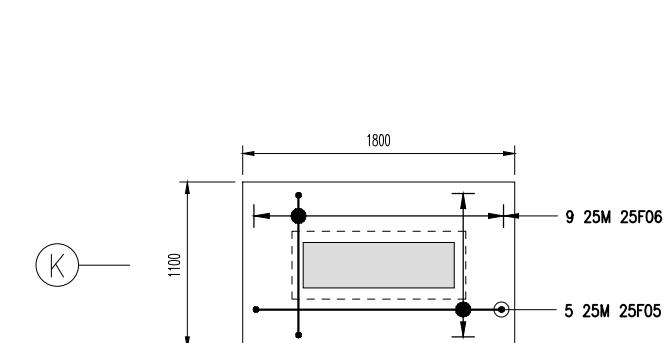
8B FC048-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



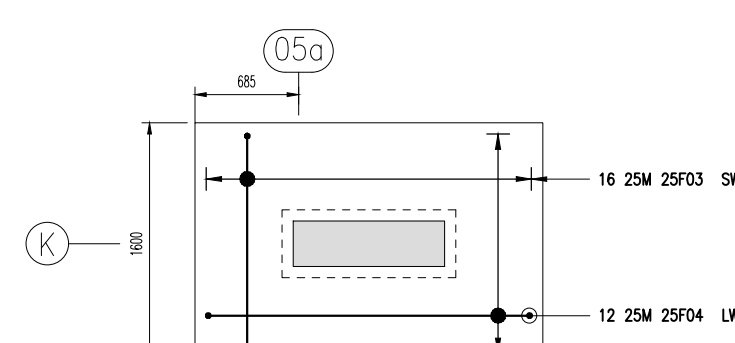
9B FC049-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



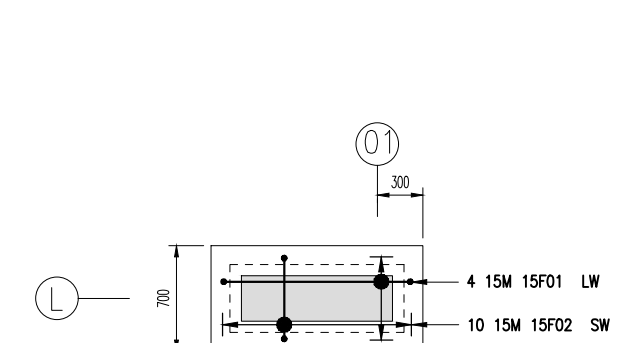
10B FC050-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN CAP & COLUMN ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



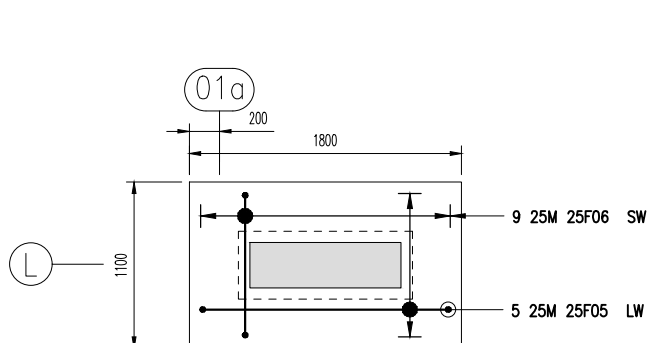
6C FC046-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



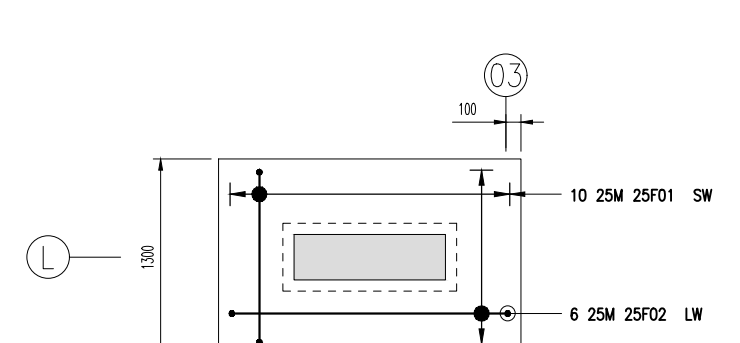
7C FC047-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



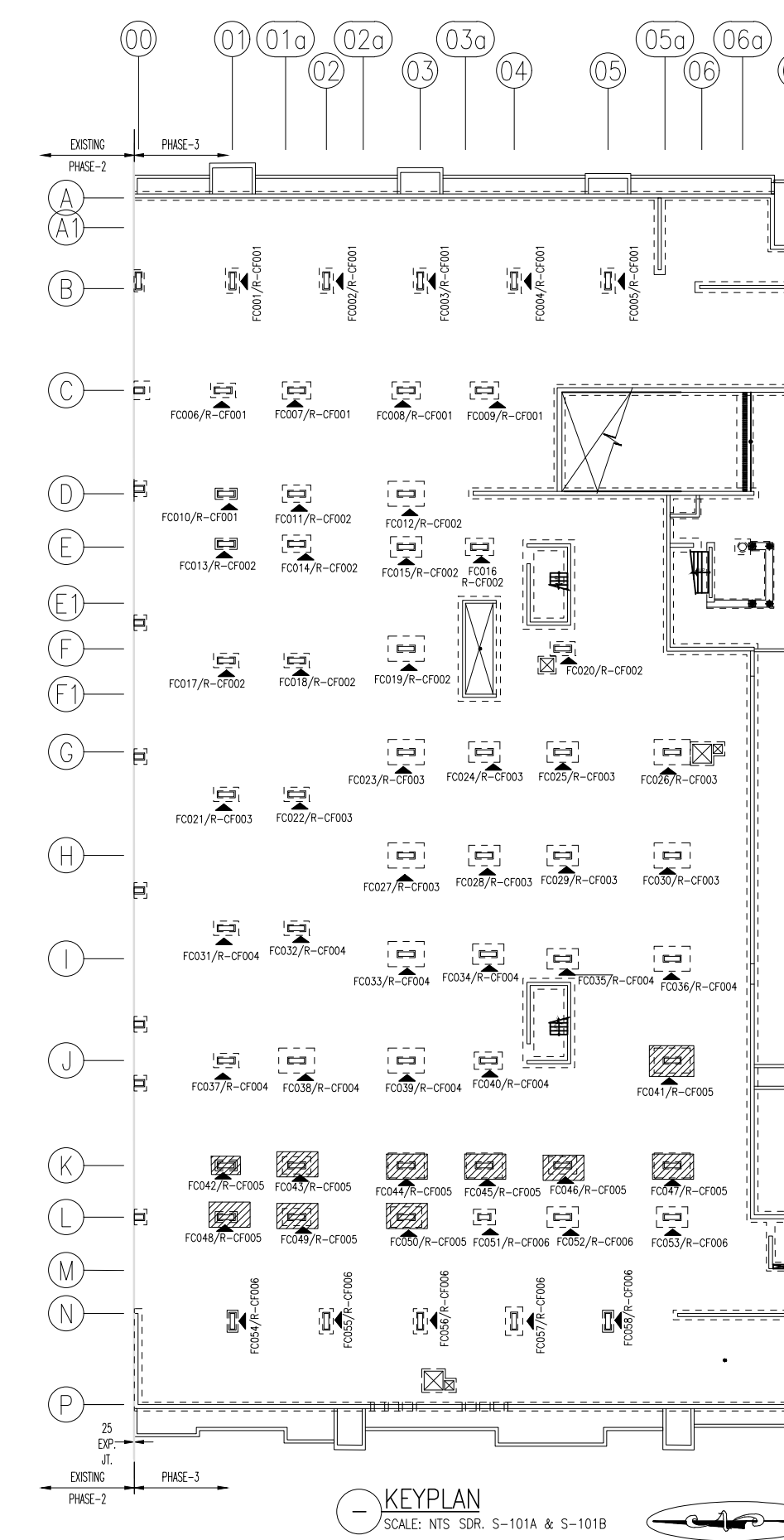
8C FC048-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



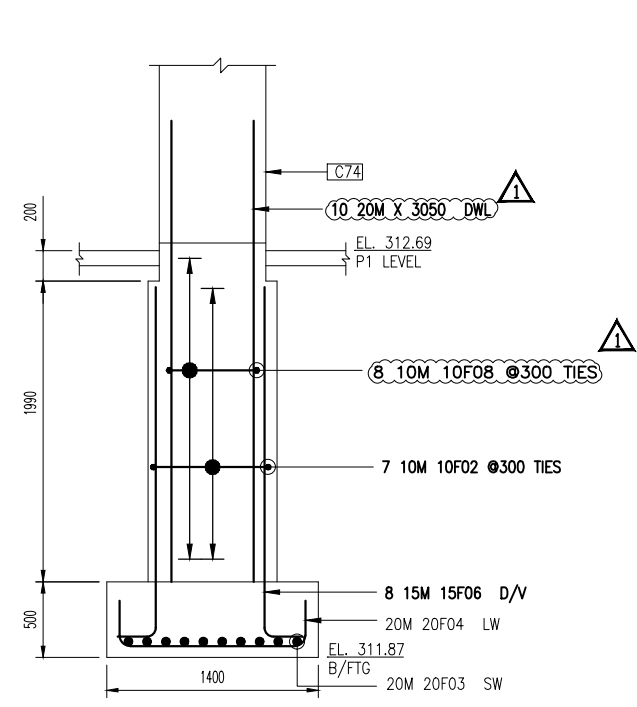
9C FC049-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



10C FC050-FOOTING PLAN VIEW
(SHOWING ISOLATED FOOTING ONLY)
SCALE: 1:50 SDRS-101A3-101B3-006



KEY PLAN
SCALE: NTS SDRS-101A3-101B3-006



1A FC051-ELEVATION VIEW

(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)

SCALE: 1:50 SDR.S-101A.S-101B.S-006

10M 10F08 Ø300 TIES

10M 10F02 Ø300 TIES

8 15M 15F06 D/V

20M 20F04 LW

20M 20F03 SW

EL. 311.87

PT LEVEL

160

180

200

250

300

350

400

450

500

550

600

650

700

750

800

850

900

950

1000

1050

1100

1150

1200

1250

1300

1350

1400

1450

1500

1550

1600

1650

1700

1750

1800

1850

1900

1950

2000

2050

2100

2150

2200

2250

2300

2350

2400

2450

2500

2550

2600

2650

2700

2750

2800

2850

2900

2950

3000

3050

3100

3150

3200

3250

3300

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3650

3700

3750

3800

3850

3900

3950

4000

4050

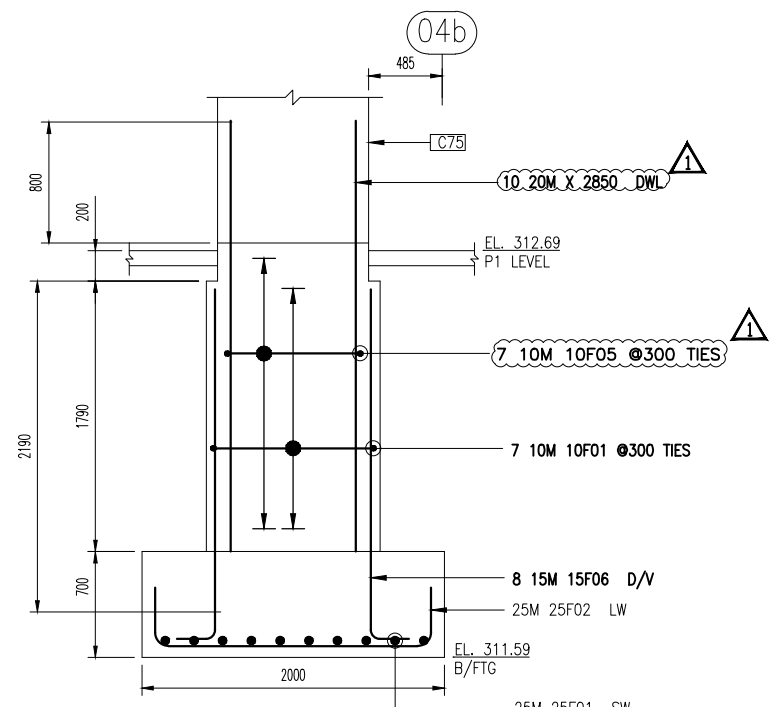
4100

4150

4200

4250

4300



2A FC052-ELEVATION VIEW

(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)

SCALE: 1:50 SDR.S-101A.S-101B.S-006

10M 10F01 Ø300 TIES

10M 10F05 Ø300 TIES

15M 15F06 D/V

25M 25F02 LW

25M 25F01 SW

EL. 312.89

PT LEVEL

160

180

200

250

300

350

400

450

500

550

600

650

700

750

800

850

900

950

1000

1050

1100

1150

1200

1250

1300

1350

1400

1450

1500

1550

1600

1650

1700

1750

1800

1850

1900

1950

2000

2050

2100

2150

2200

2250

2300

2350

2400

2450

2500

2550

2600

2650

2700

2750

2800

2850

2900

2950

3000

3050

3100

3150

3200

3250

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3650

3700

3750

3800

3850

3900

3950

4000

4050

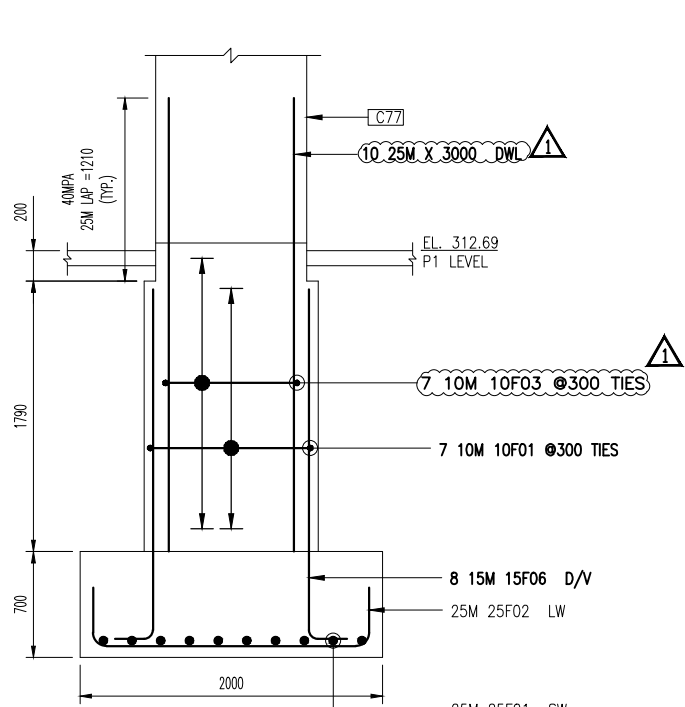
4100

4150

4200

4250

4300



3A FC053-ELEVATION VIEW

(SHOWING ISOLATED FOOTING & COLUMN CAP ONLY)

SCALE: 1:50 SDR.S-101A.S-101B.S-006

10M 10F01 Ø300 TIES

10M 10F03 Ø300 TIES

15M 15F06 D/V

25M 25F02 LW

25M 25F01 SW

EL. 312.89

PT LEVEL

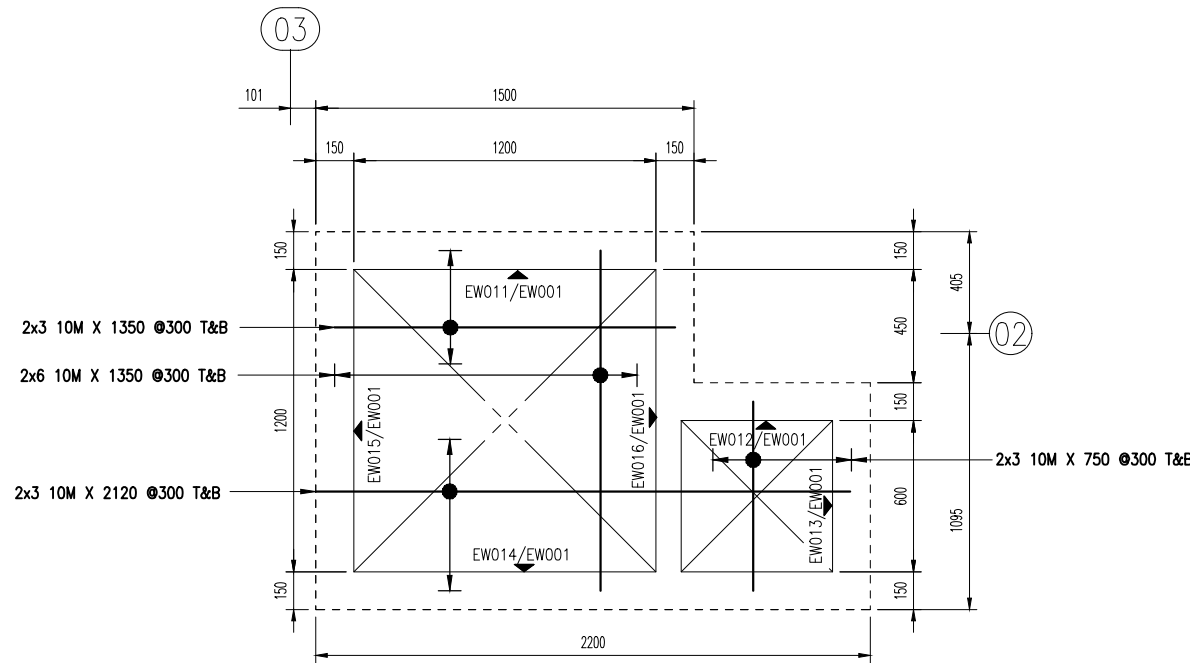
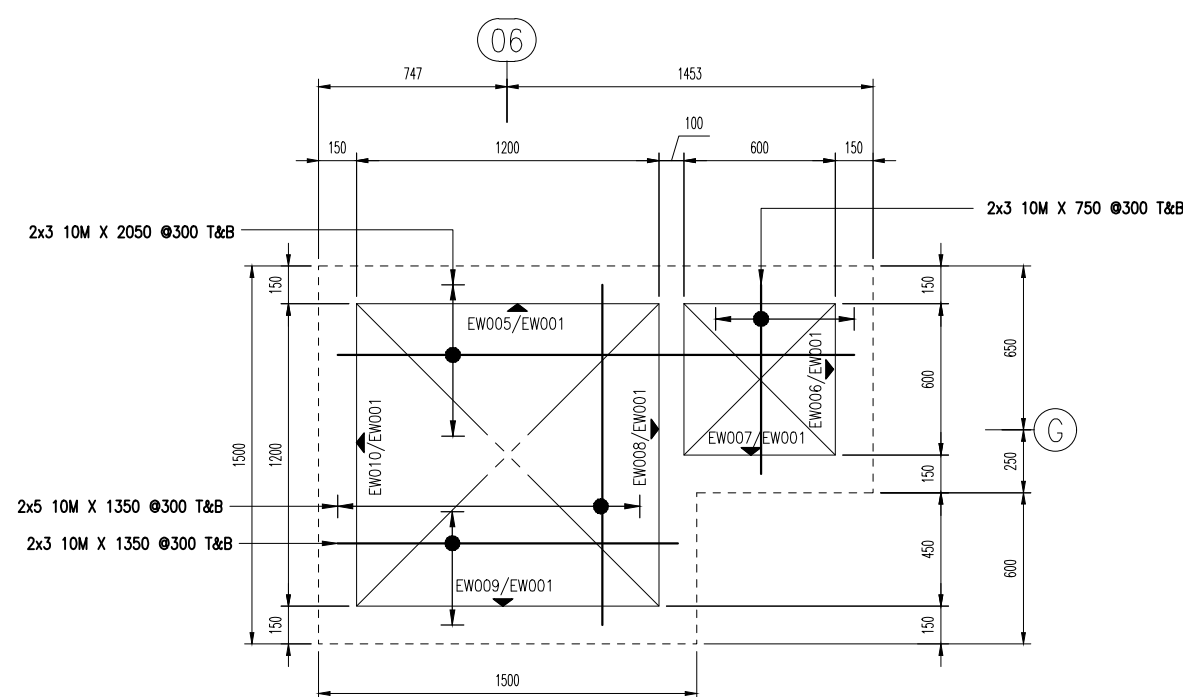
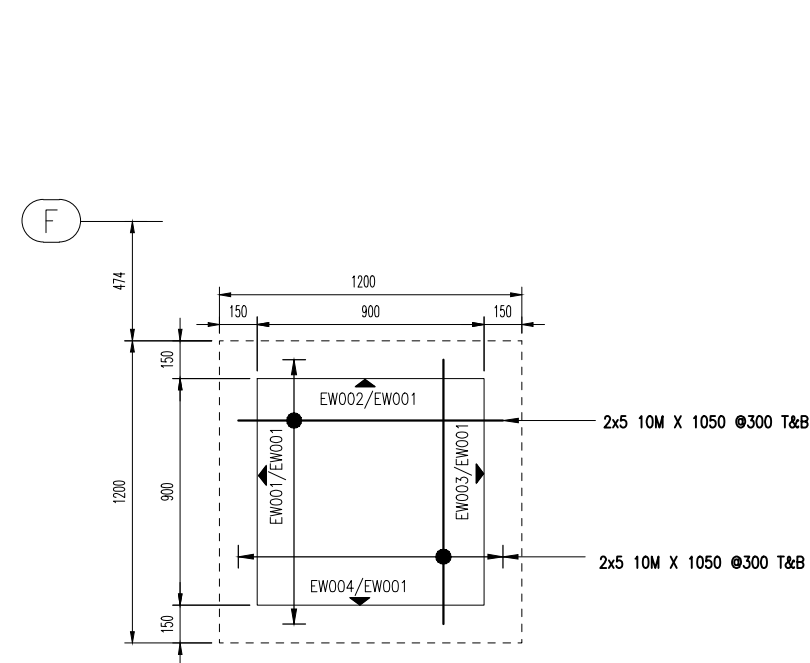
160

180



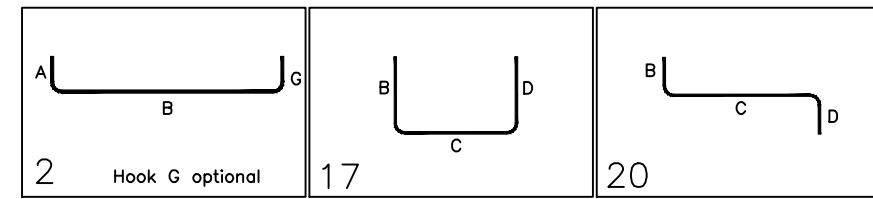
Bar list produced by RebarCAD 2021.0





Bar Mark	Qty	Size	Total Length	Type	X	Y	Y'	Y''	Y'''	Y''''	Y'''''	Y''''''	Y'''''''	Y''''''''	Y'''''''''	Y''''''''''
10P01	24	10M	1170	17			420	750								
10P02	55	10M	1770	17			420	1350								
10P03	24	10M	2470	17			420	2050								
10P05	14	10M	1540	17			480	1050								
10P06	42	10M	1470	17			420	1050								
10P07	143	10M	1200	17			800	600								
10P08	3	10M	1770	17			420	1350								
10P10	24	10M	1550	20			420	710	420							
10P11	2	10M	1510	17			600	910								
10P12	8	10M	600	2	180	420										
15P04	12	15M	1970	17			620	1350								
15P05	4	15M	2670	17			620	2050								
15P07	4	15M	1950	20			620	715	620							
15P08	2	15M	880	2	280	620										
15P15	8	15M	1670	17			620	1050								
15P16	4	15M	1370	17			620	750								

Bar list produced by RebarQ 2024



LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS							
DATA		BAR SIZE					
F _y = 400 MPa	TENSION	10	15	20	25	30	35
f _c = 35 MPa	LAP SPICE	420	620	830	1290	1550	1800

A/E/C PLEASE VERIFY/CONFIRM ELEVATOR PIT WALL MPa IS NOT GIVEN ON STRUCTURAL. WE FOLLOWED 35MPa LAP SCHEDULE. PLEASE CONFIRM LAP SCHEDULE.

DETAIL-L-ELEVATOR PIT#1 PLAN VIEW
SCALE: 1:30 SDRS-101A & M2.02

DETAIL-M-ELEVATOR PIT#2 PLAN VIEW
SCALE: 1:30 SDRS-101A & M2.02

DETAIL-N-ELEVATOR PIT#3 PLAN VIEW
SCALE: 1:30 SDRS-101B & M2.02

EW001-PLAN VIEW

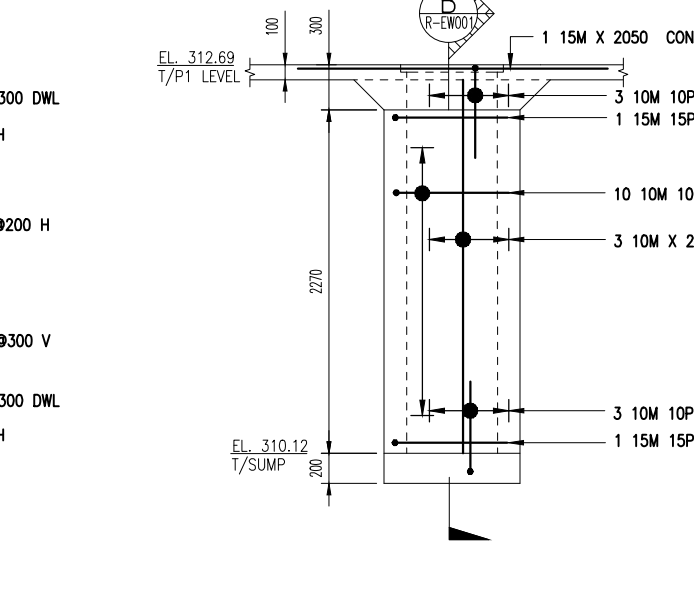
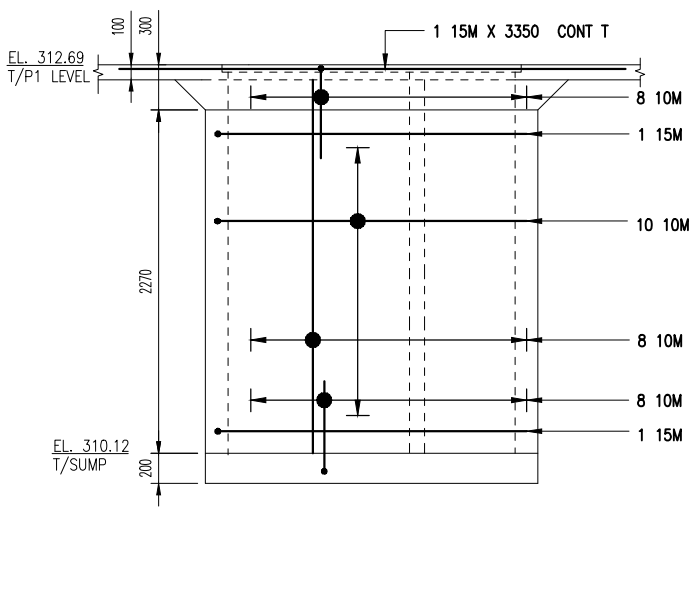
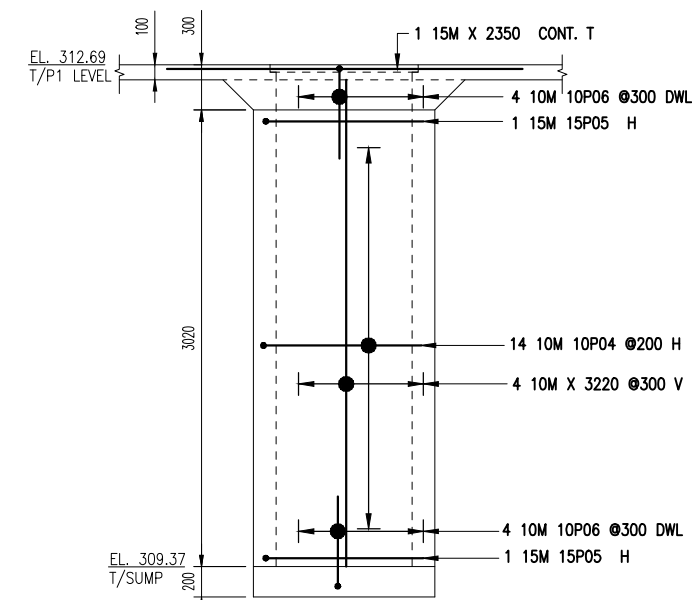
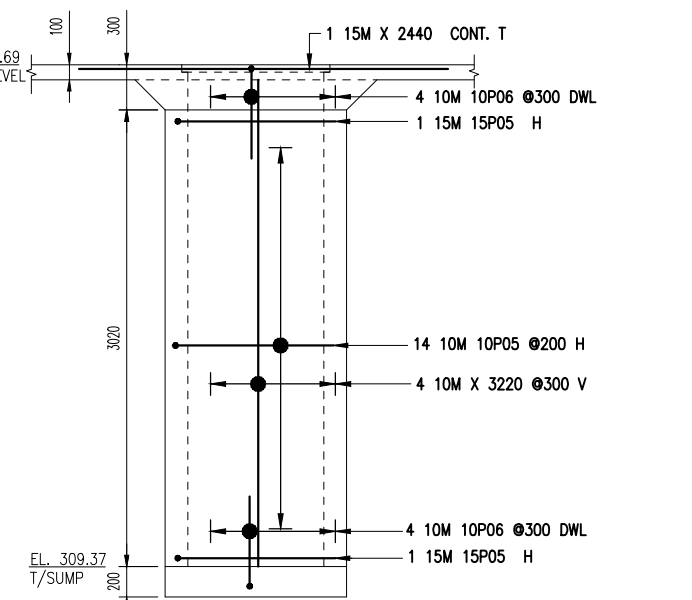
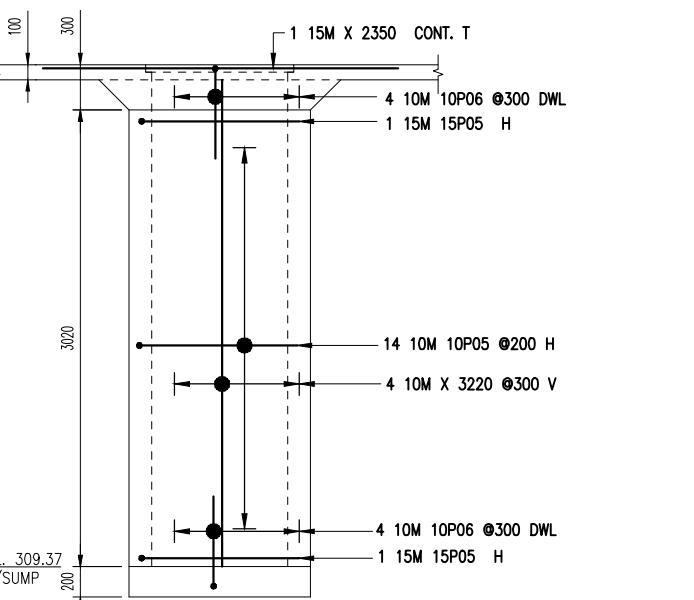
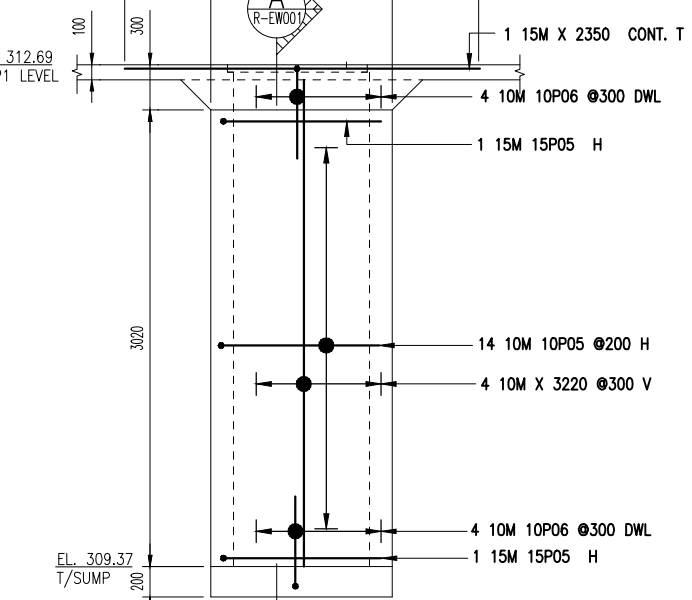
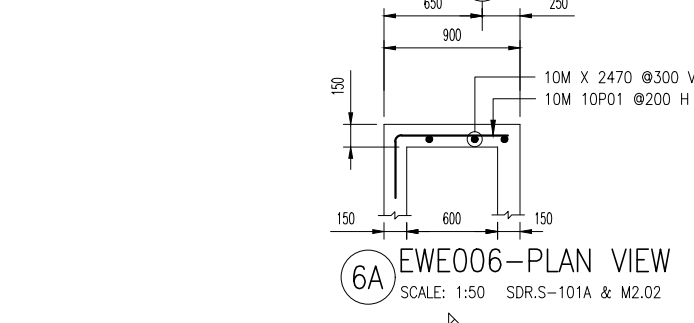
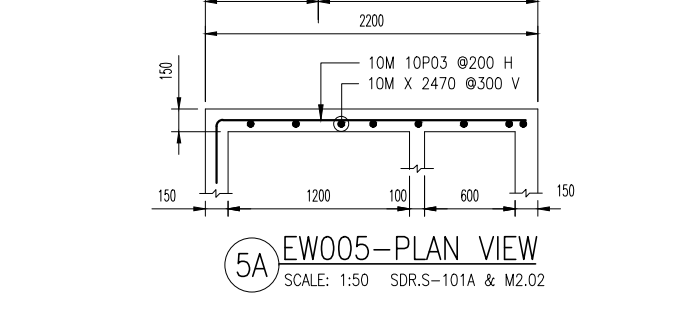
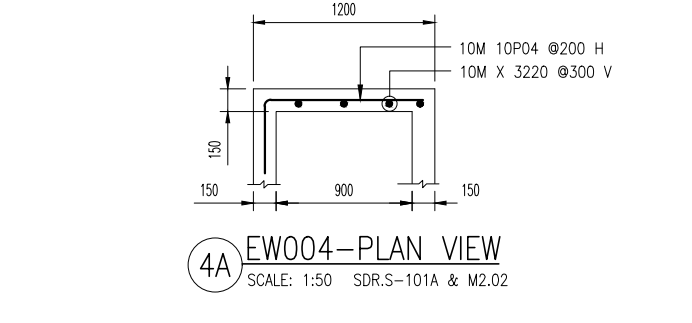
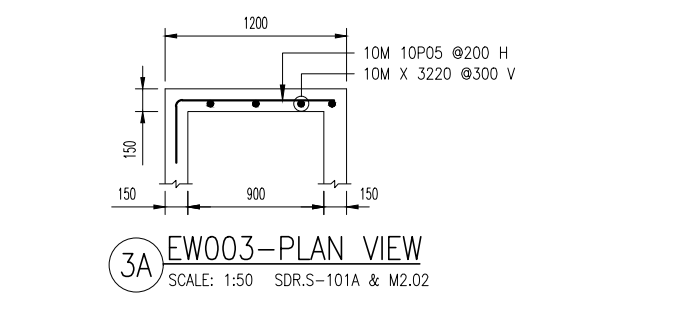
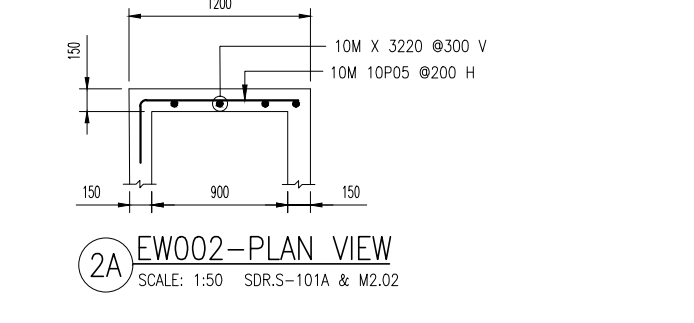
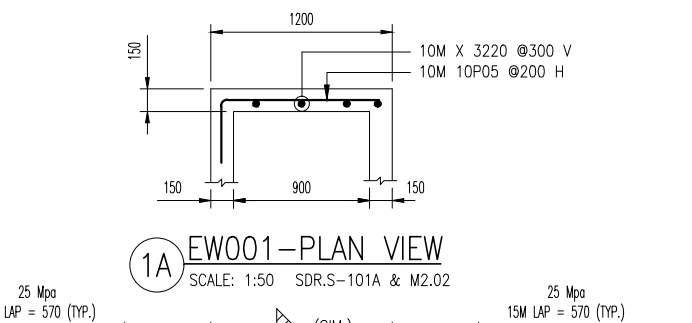
EW002-PLAN VIEW

EW003-PLAN VIEW

EW004-PLAN VIEW

EW005-PLAN VIEW

EW006-PLAN VIEW



EW001-ELEVATION VIEW

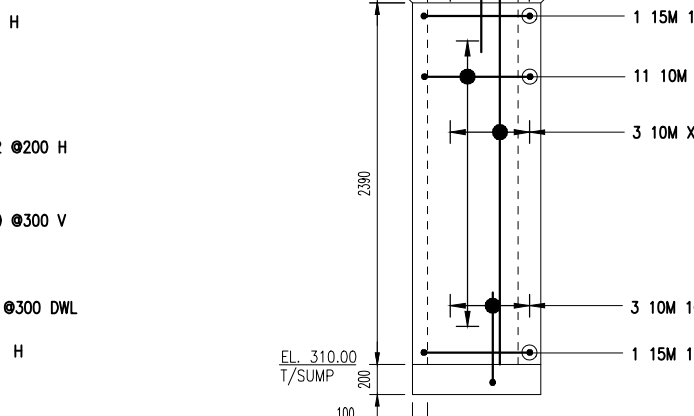
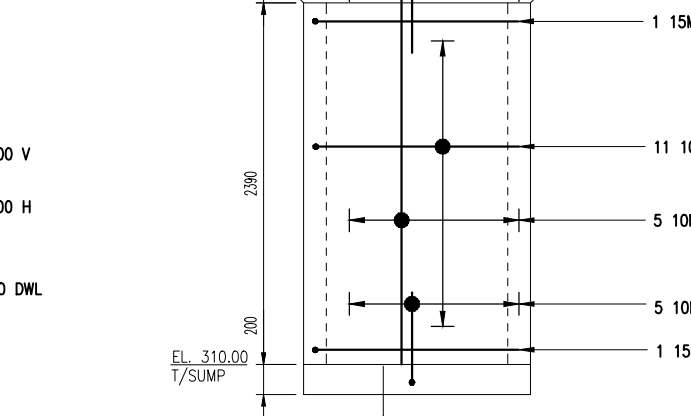
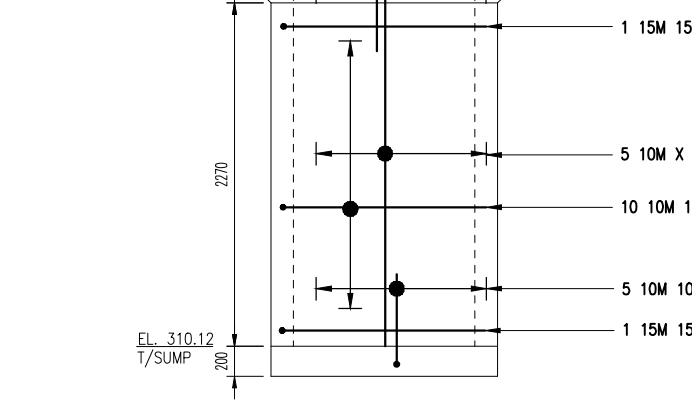
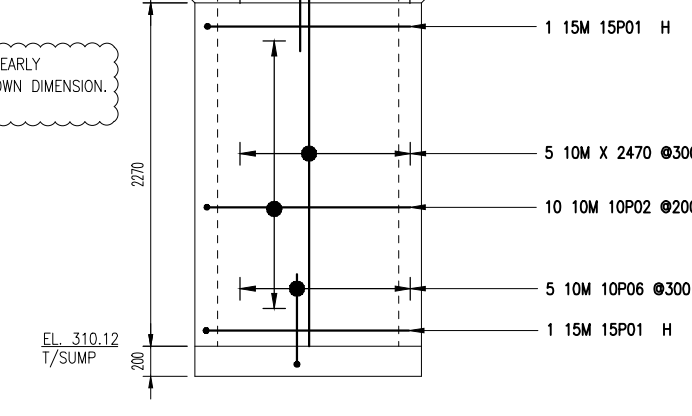
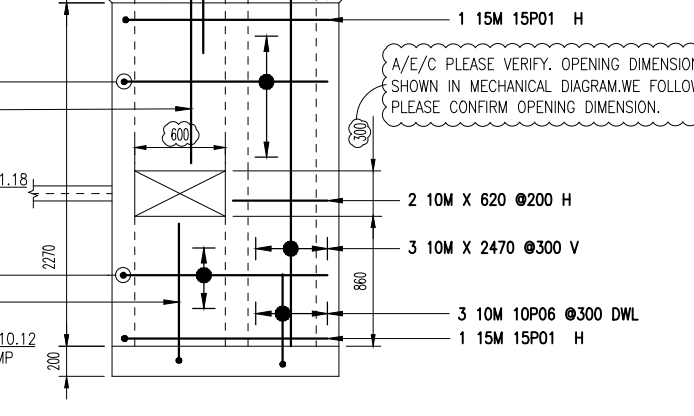
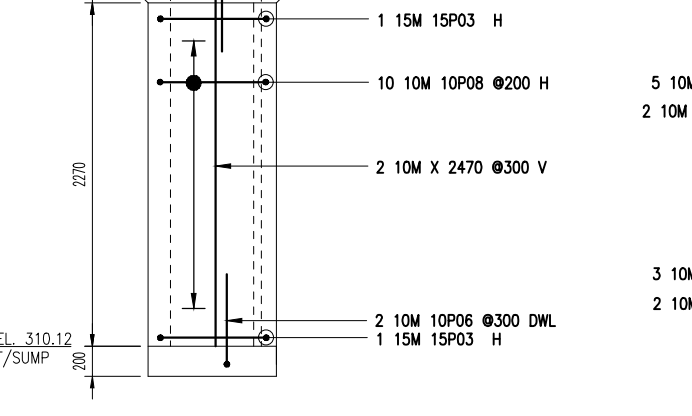
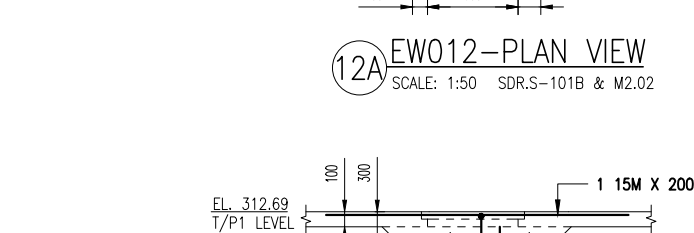
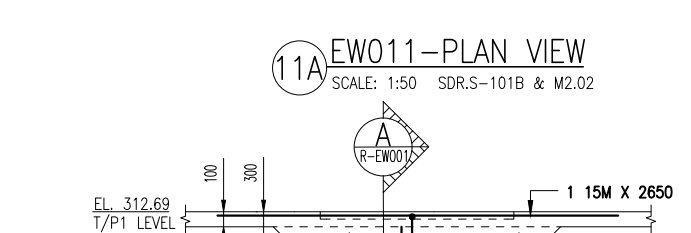
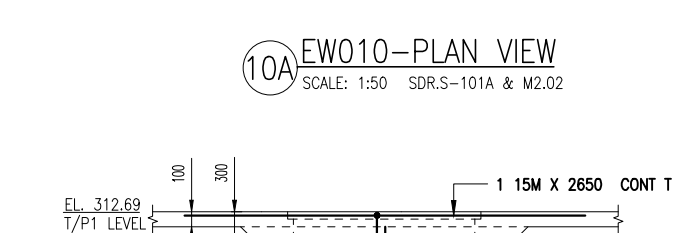
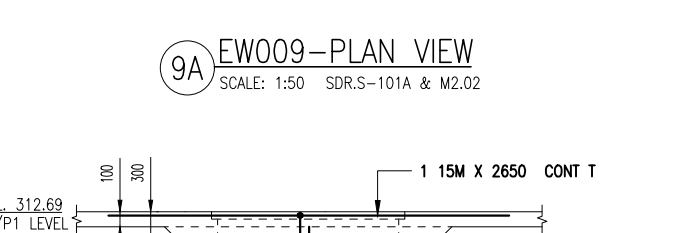
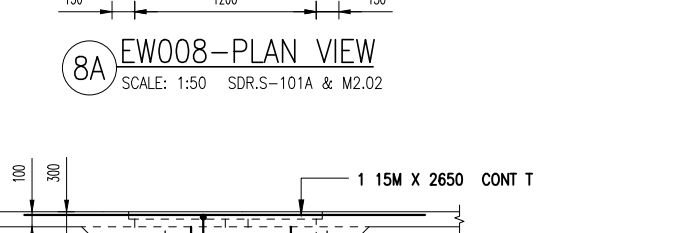
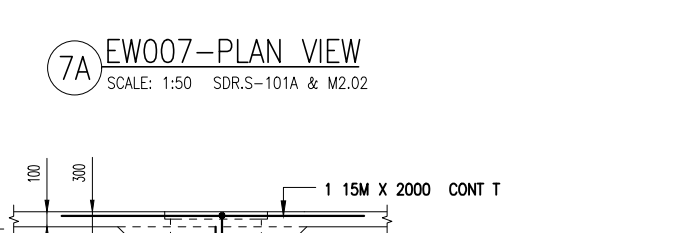
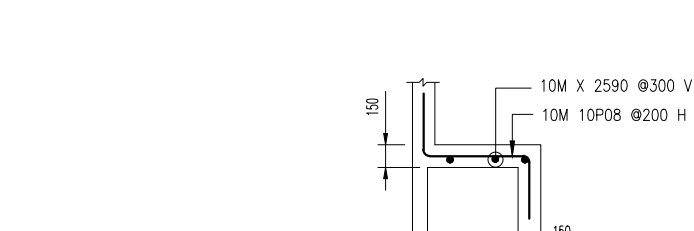
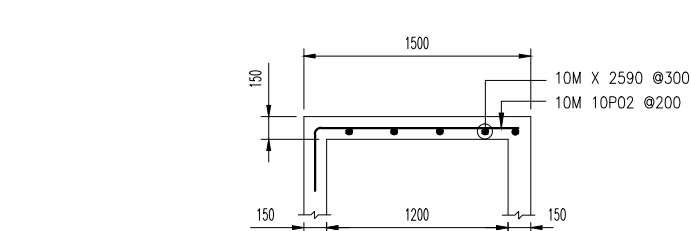
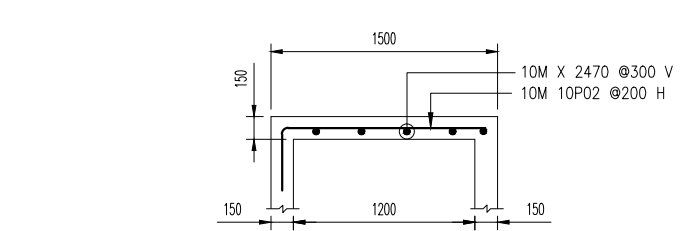
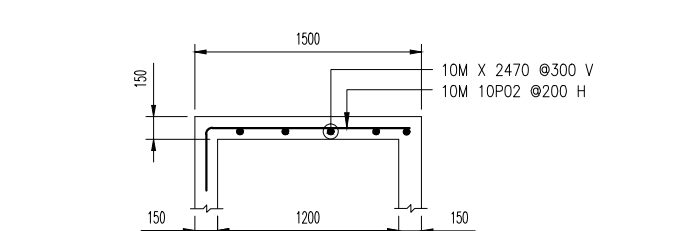
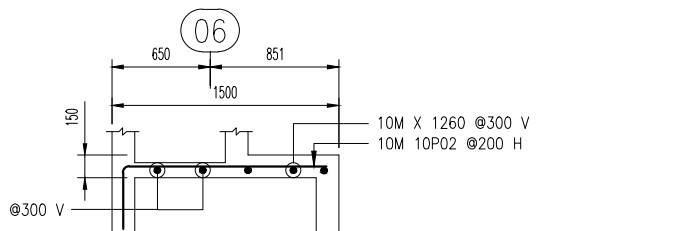
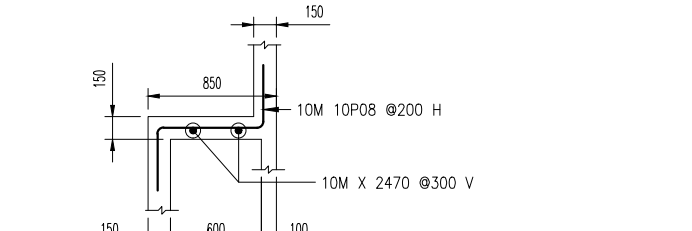
EW002-ELEVATION VIEW

EW003-ELEVATION VIEW

EW004-ELEVATION VIEW

EW005-ELEVATION VIEW

EW006-ELEVATION VIEW



EW007-ELEVATION VIEW

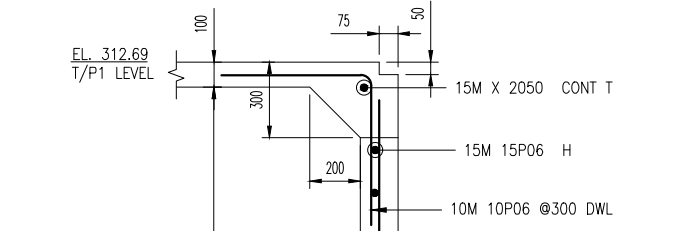
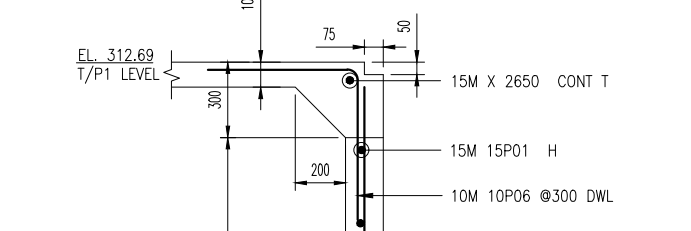
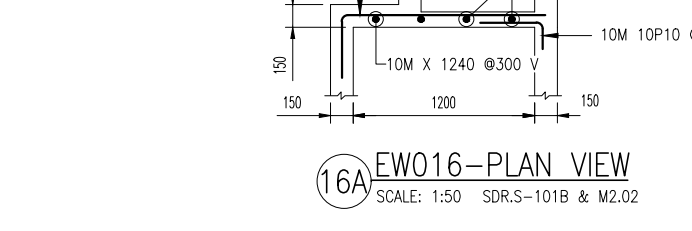
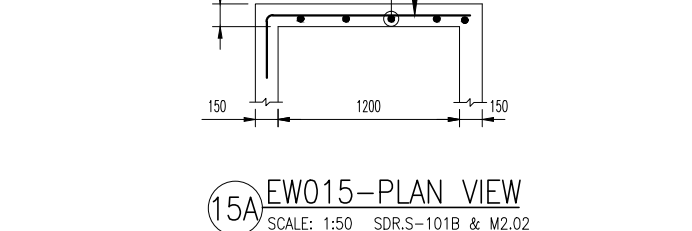
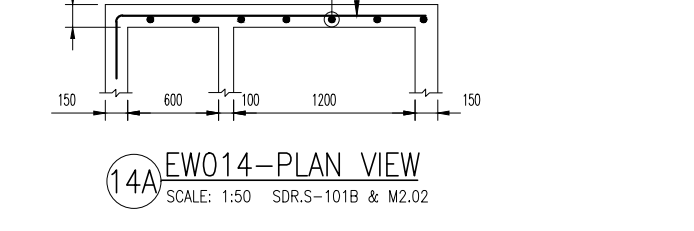
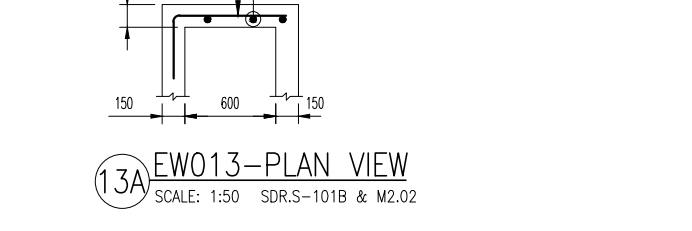
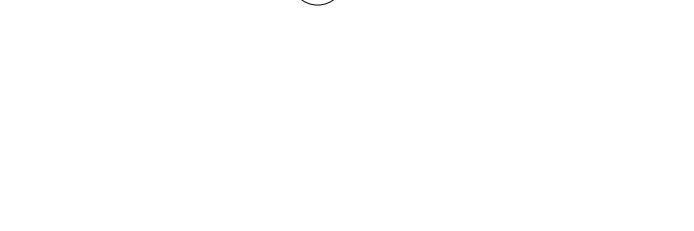
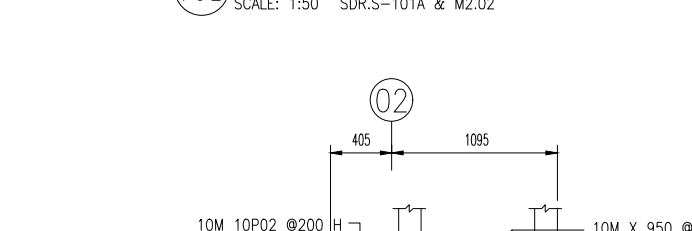
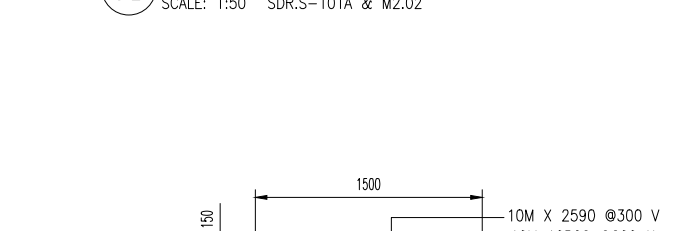
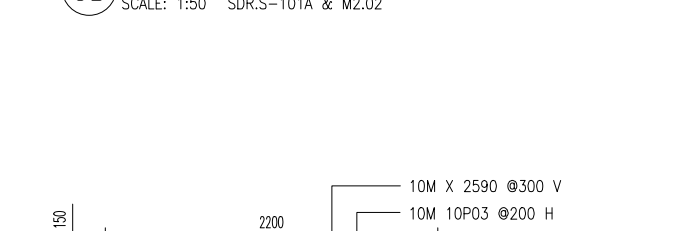
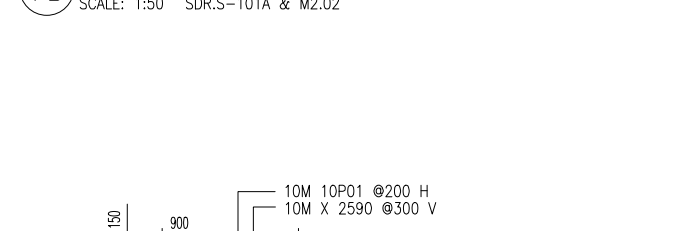
EW008-ELEVATION VIEW

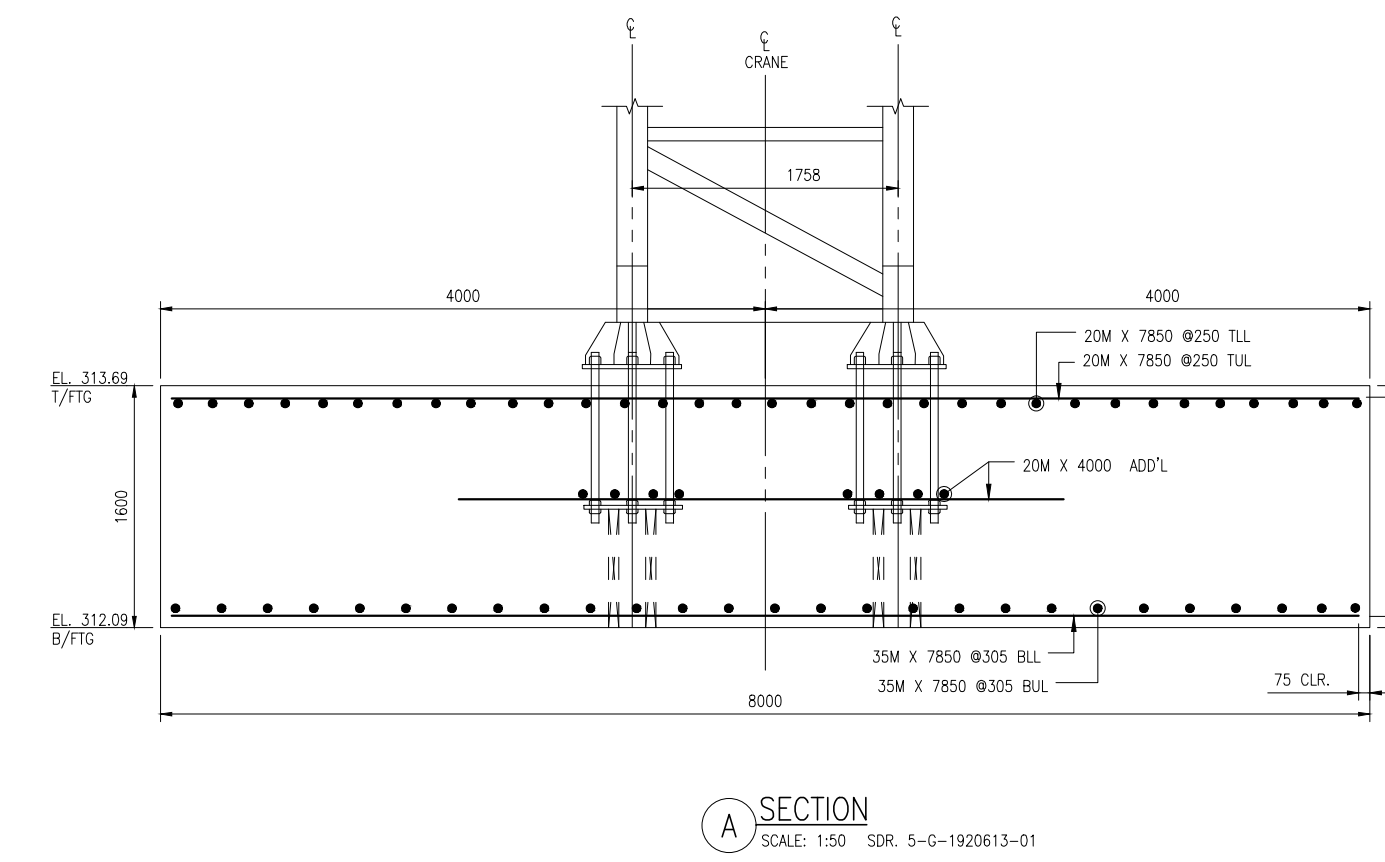
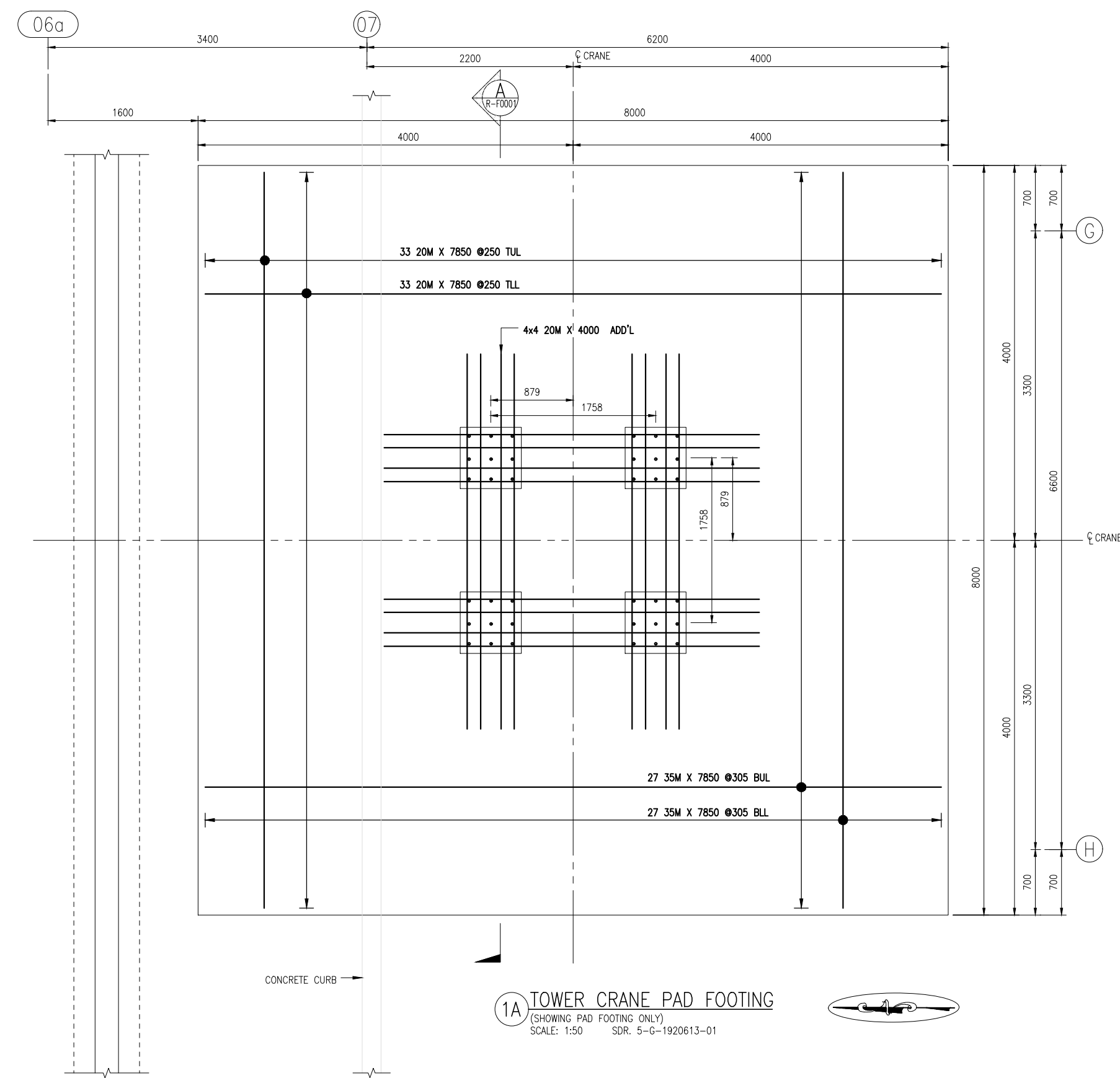
EW009-ELEVATION VIEW

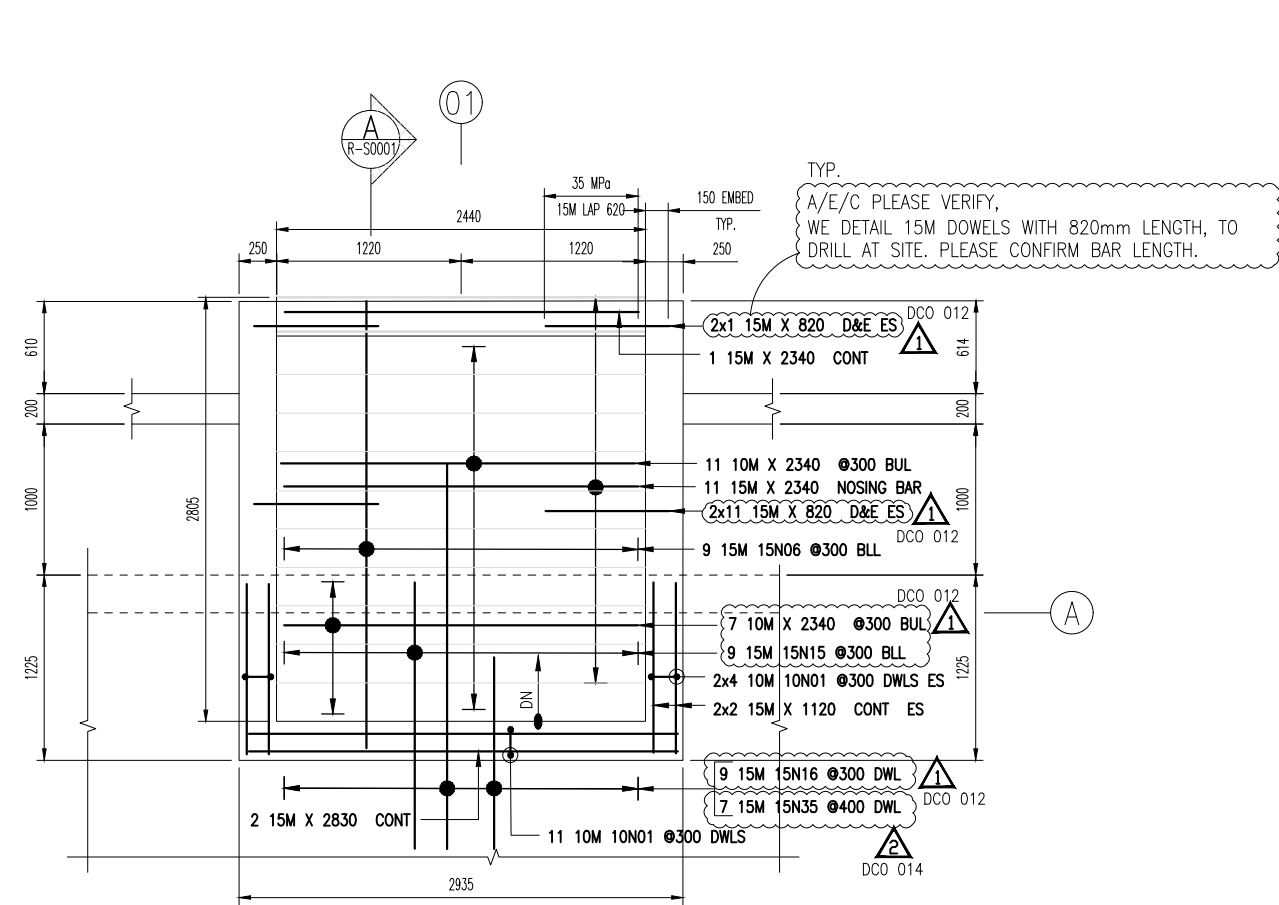
EW010-ELEVATION VIEW

EW011-ELEVATION VIEW

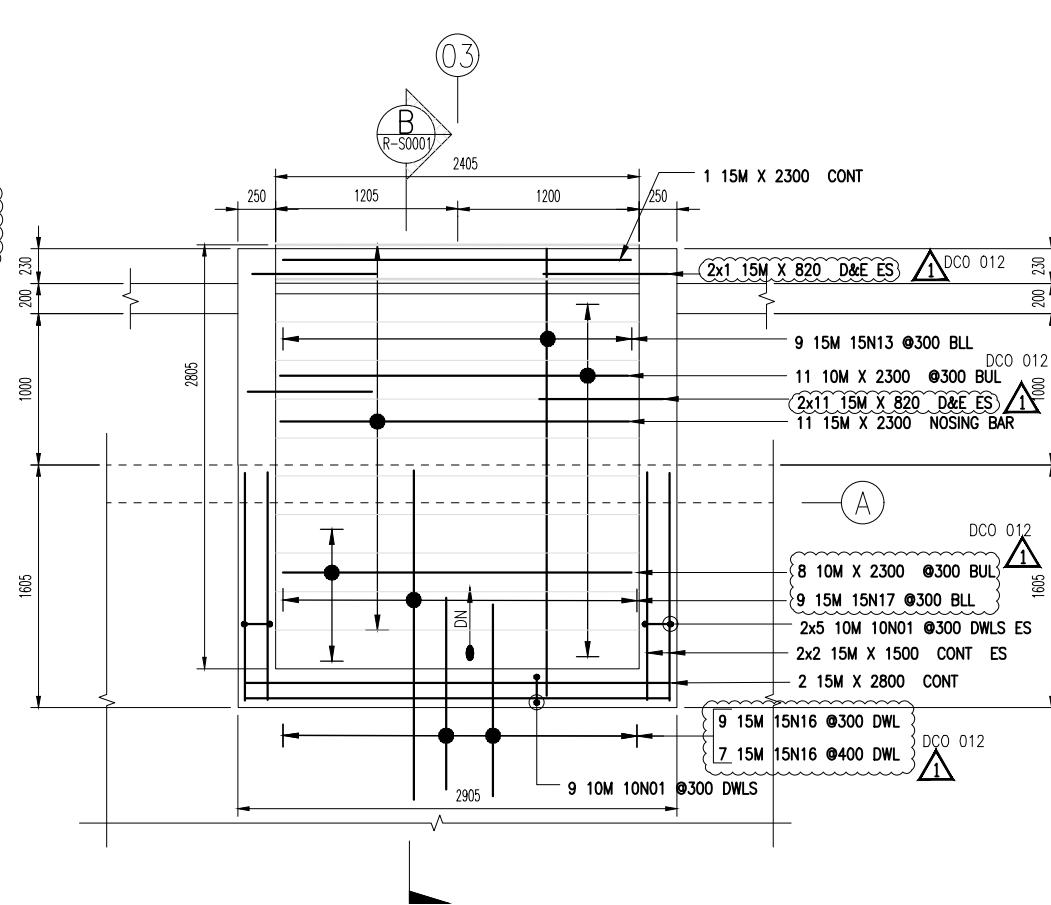
EW012-ELEVATION VIEW



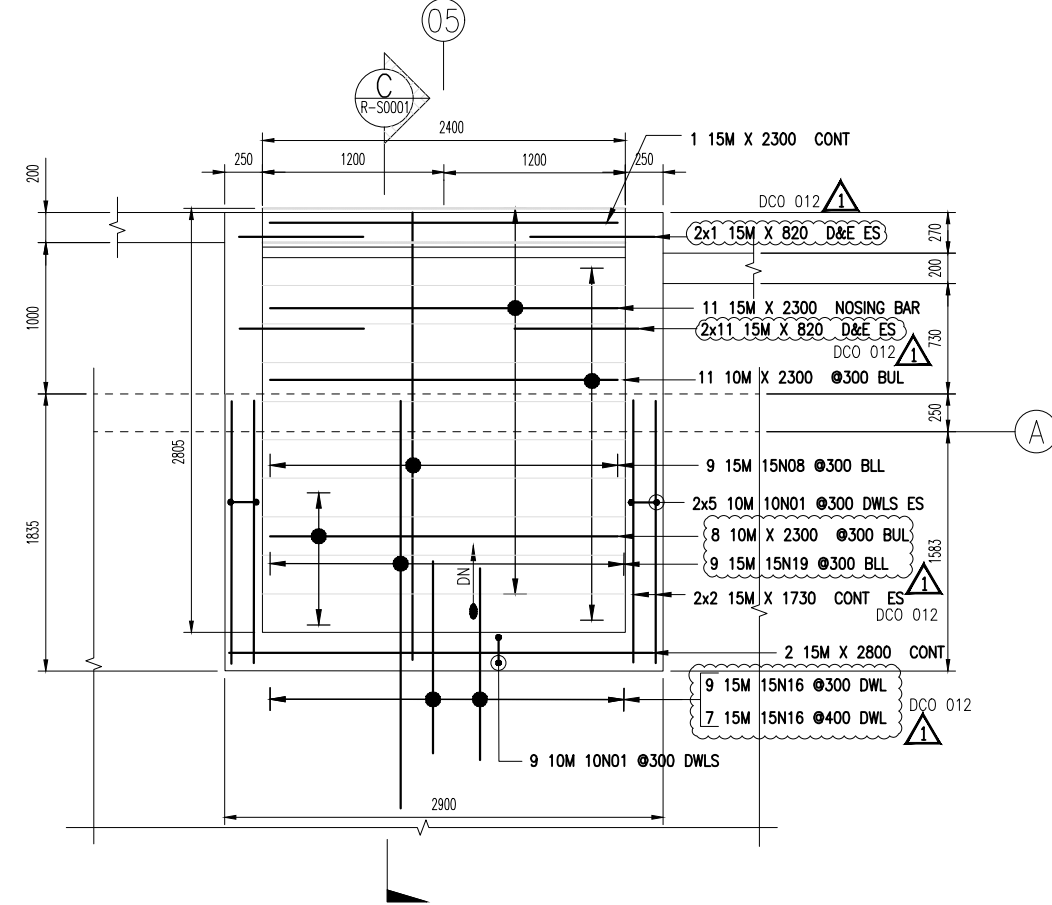




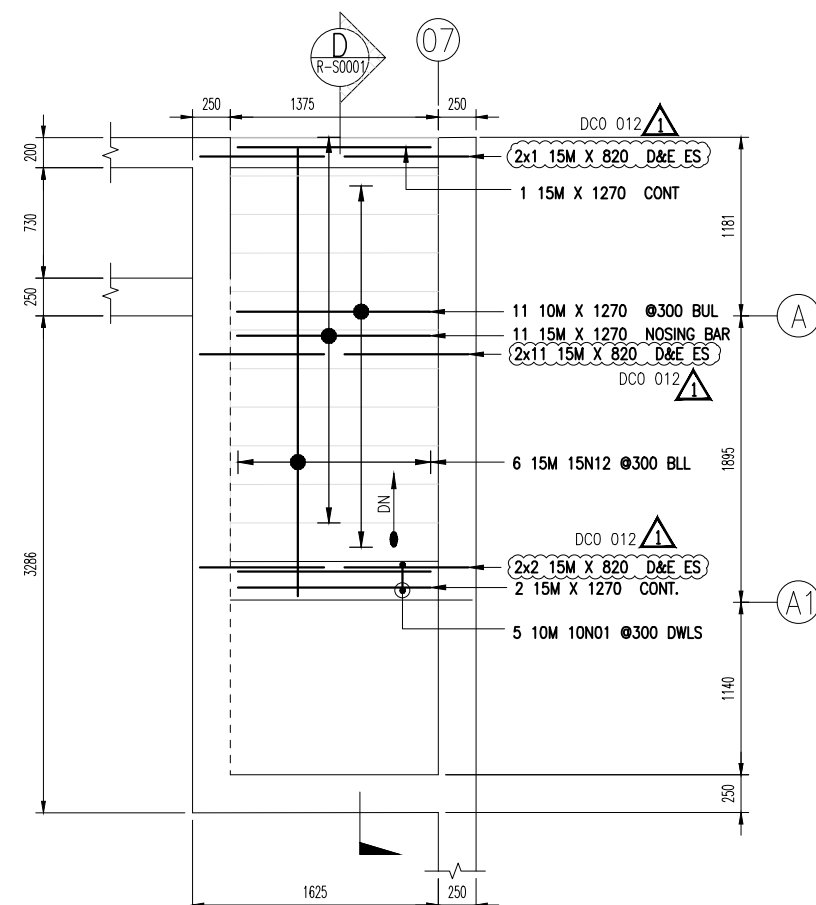
1A STAIR-C-STAIR PLAN VIEW
SCALE: 1:50 SDRS-102A5-102B



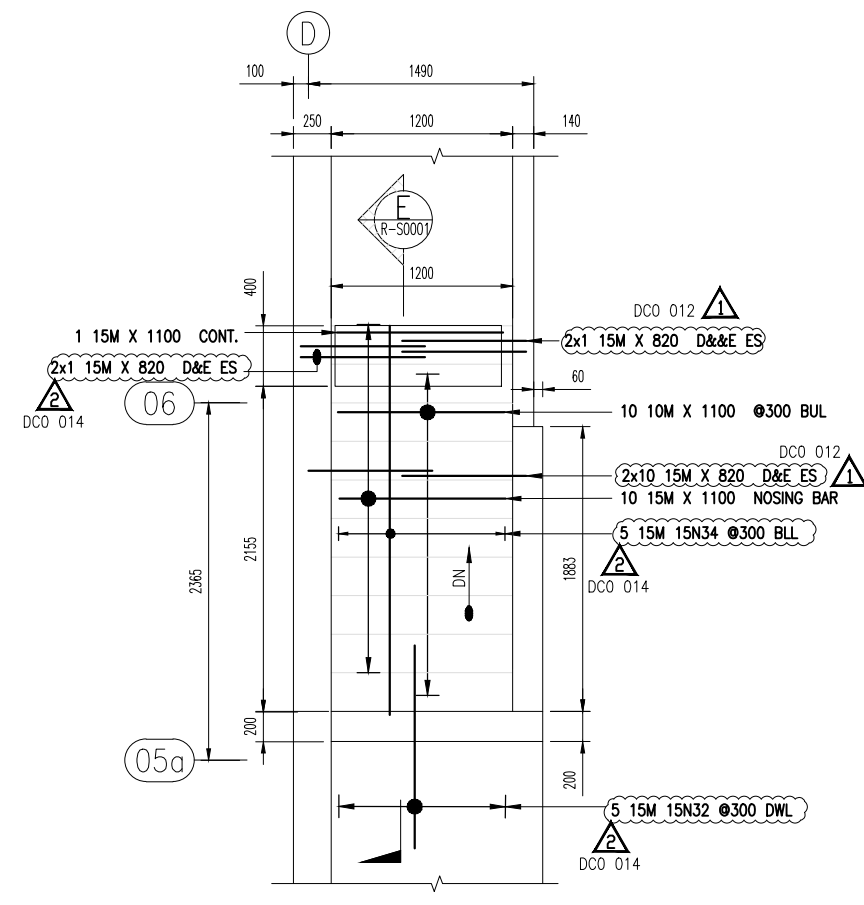
2A STAIR-D-STAIR PLAN VIEW
SCALE: 1:50 SDRS-102A5-102B



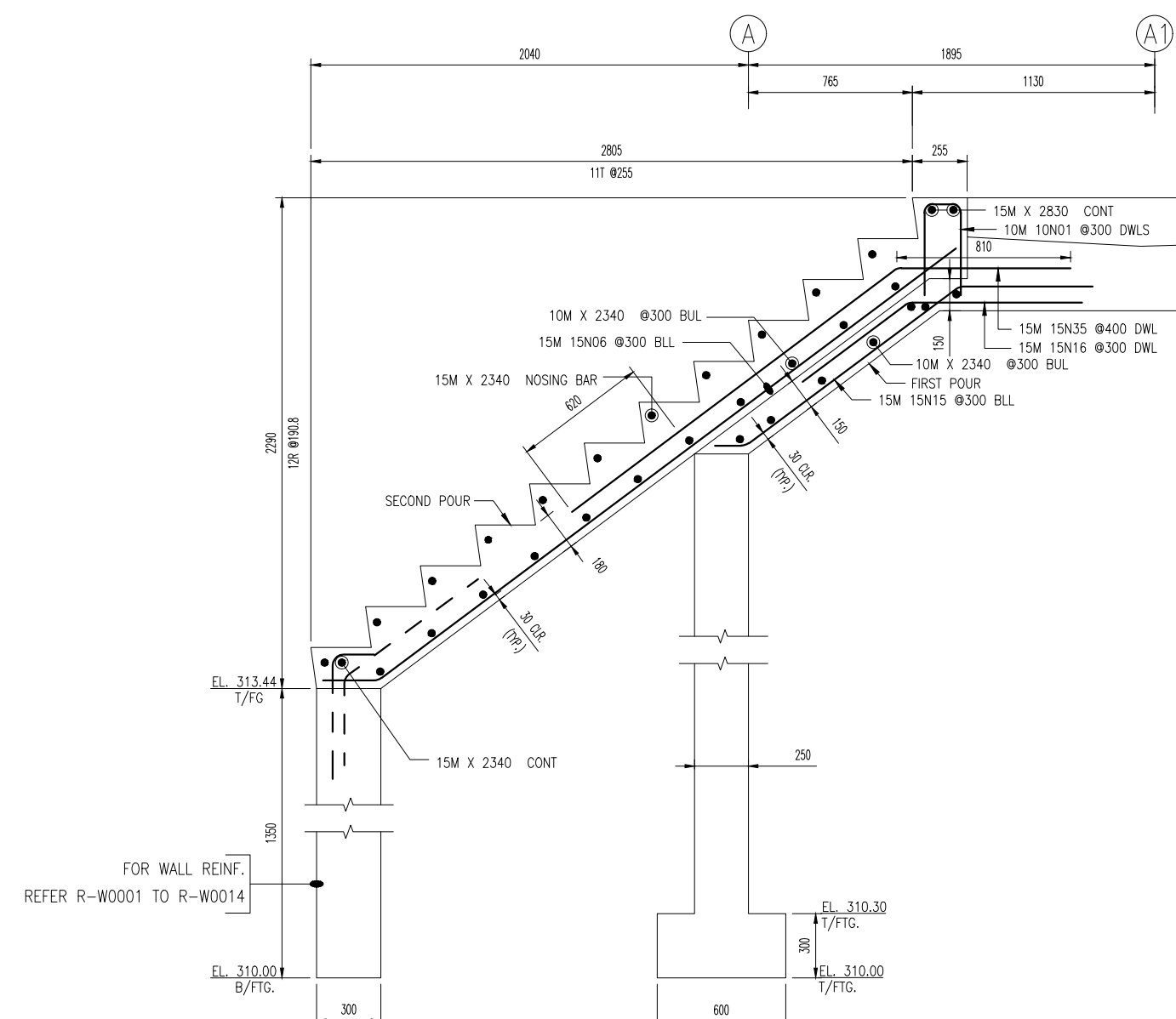
3A STAIR-E-STAIR PLAN VIEW
SCALE: 1:50 SDRS-102A5-102B



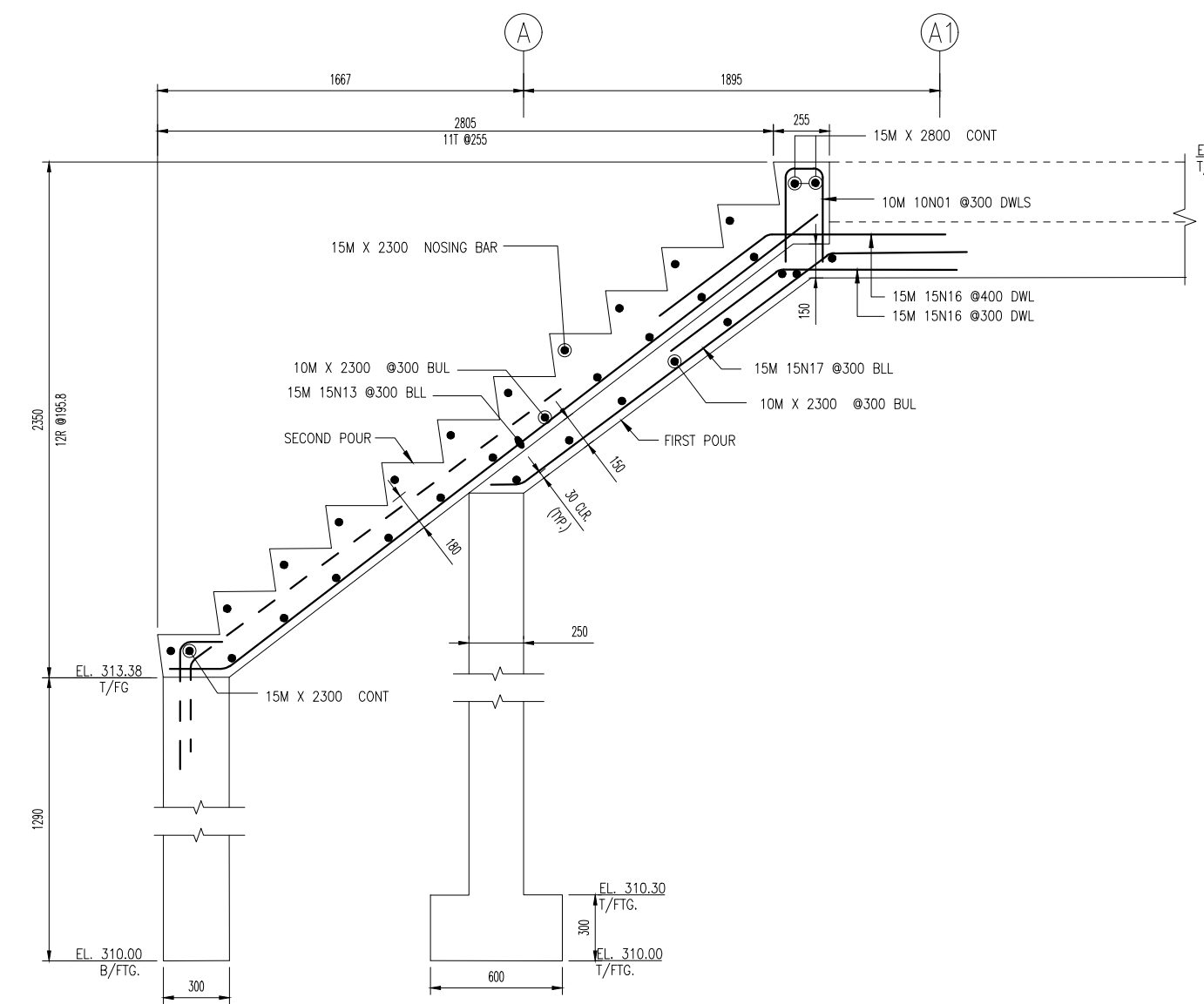
4A STAIR-F-STAIR PLAN VIEW
SCALE: 1:50 SDRS-102A5-102B



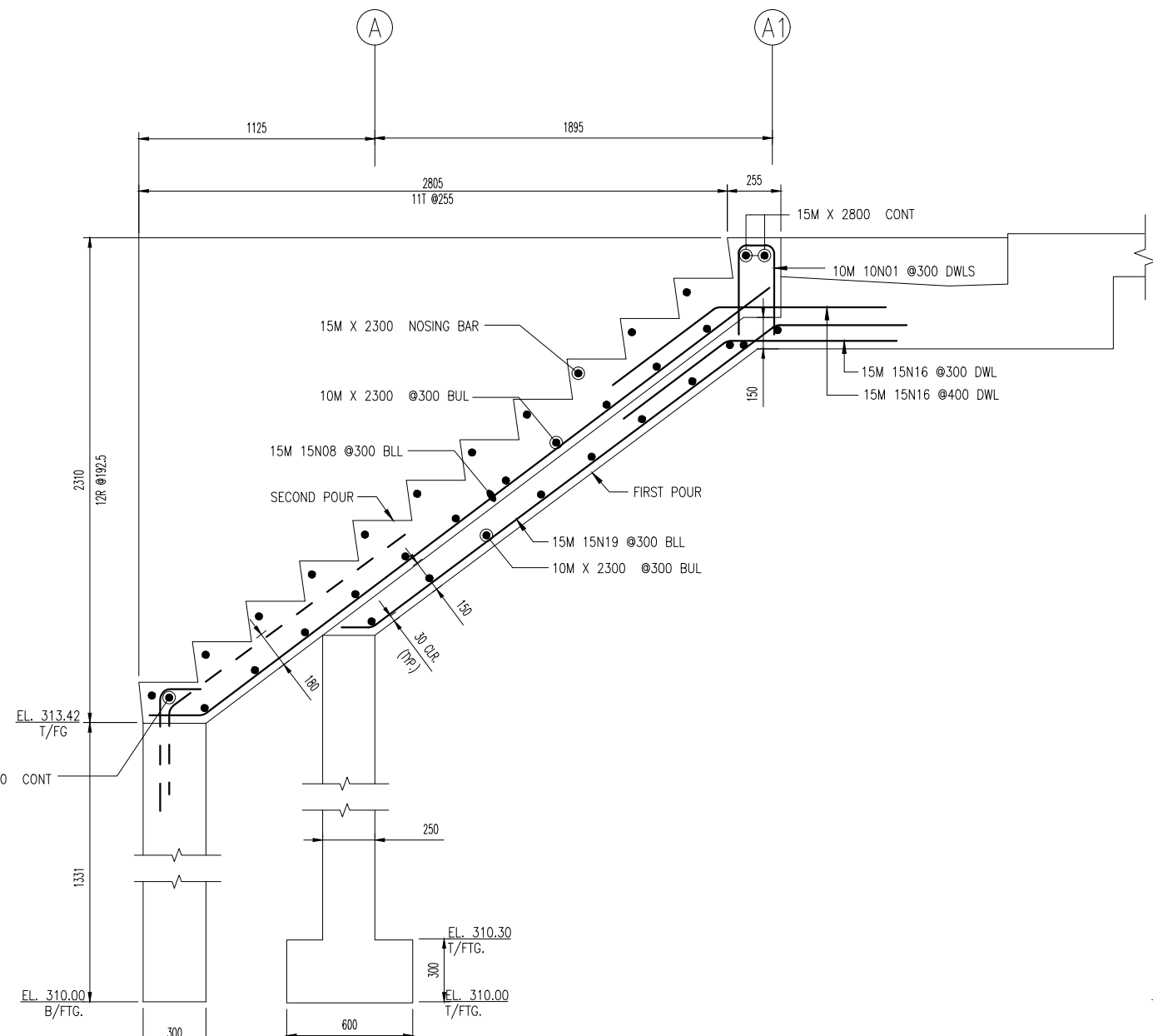
5A STAIR-P1A-STAIR PLAN VIEW
SCALE: 1:50 SDRS-102A5-102B



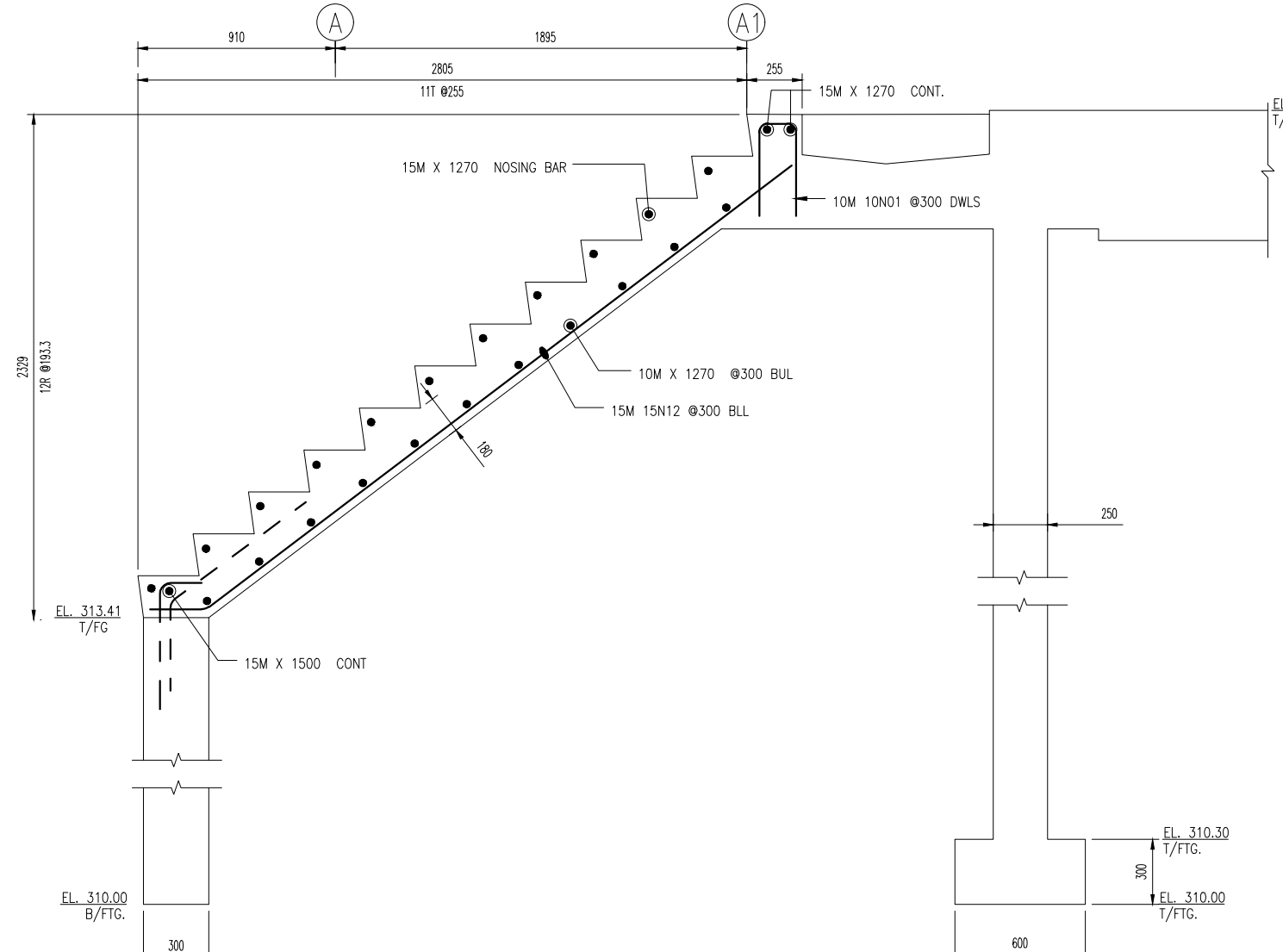
A SECTION
SCALE: 1:30 SDRS-303,19/A6-03



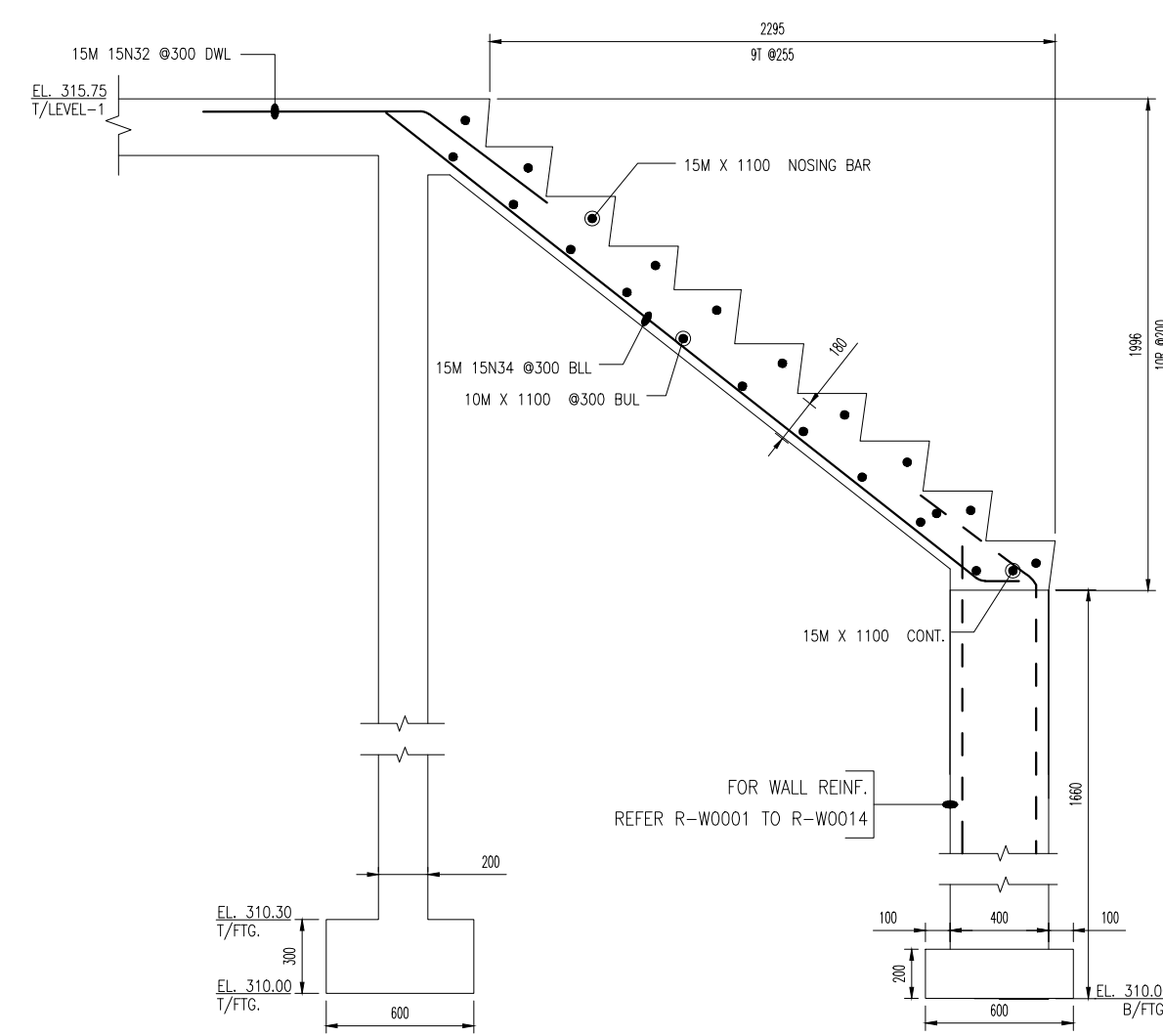
B SECTION
SCALE: 1:30 SDRS-303,19/A6-03



C SECTION
SCALE: 1:30 SDRS-303,19/A6-03



D SECTION
SCALE: 1:30 SDRS-303,19/A6-03

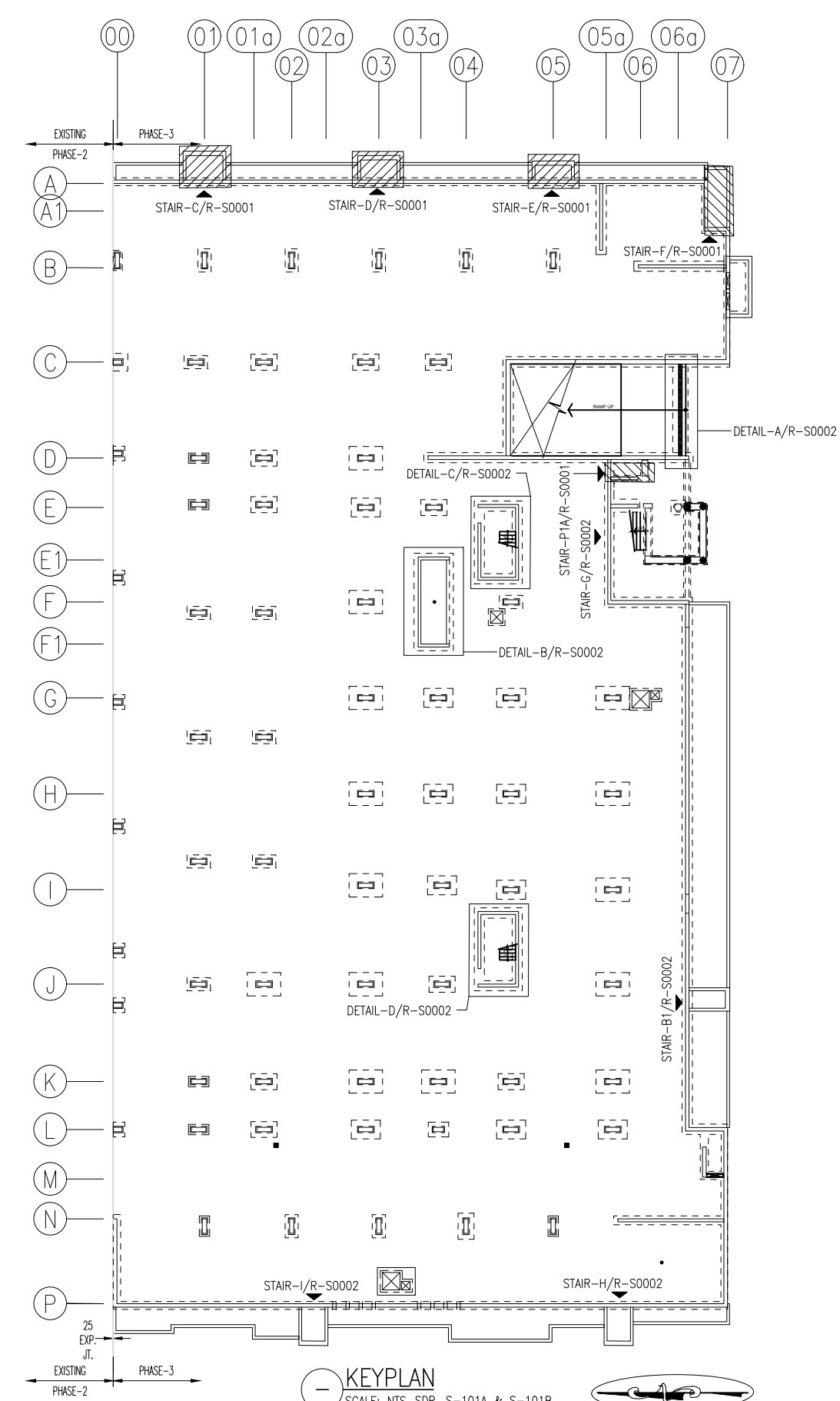
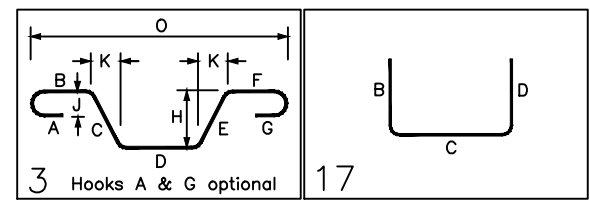


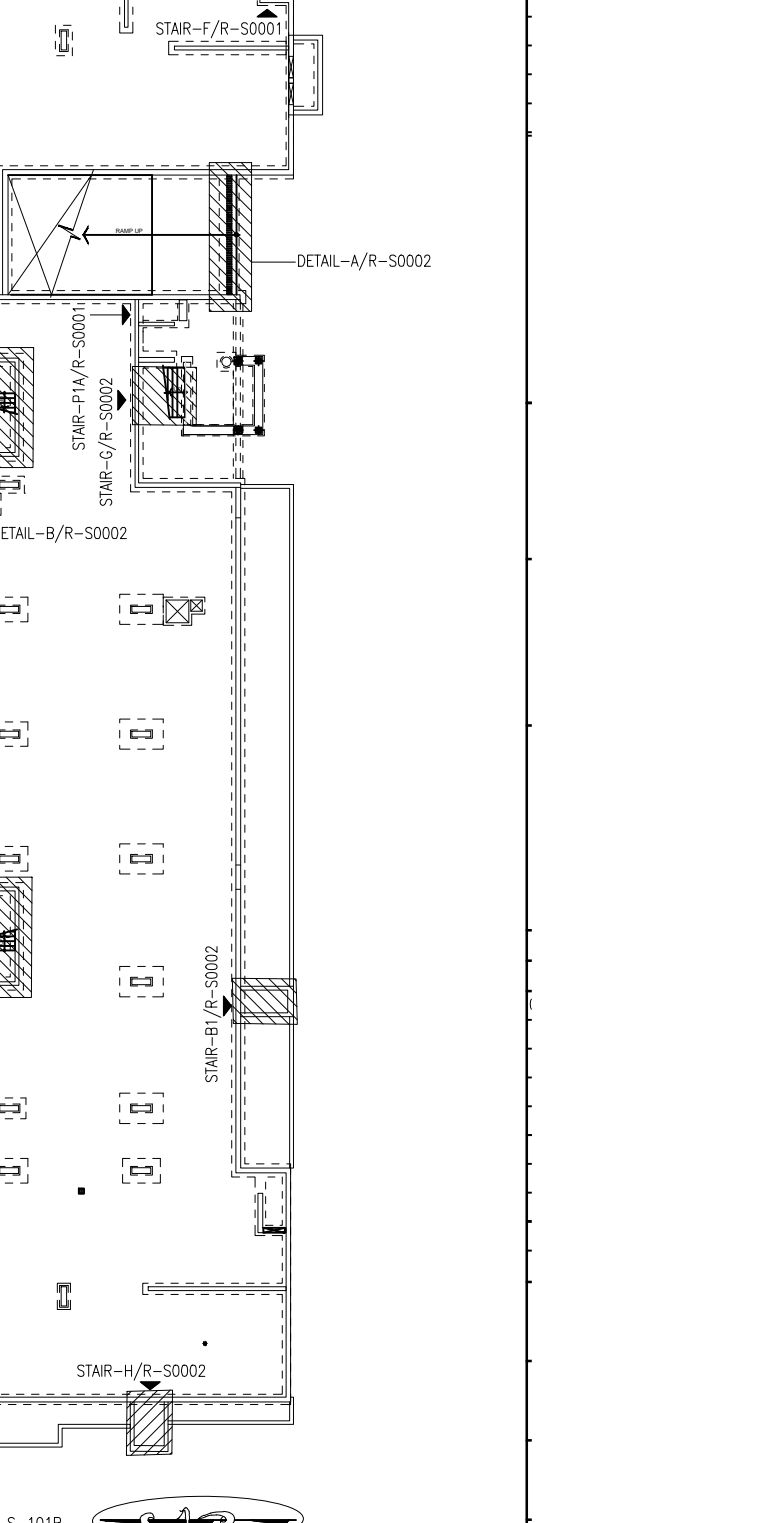
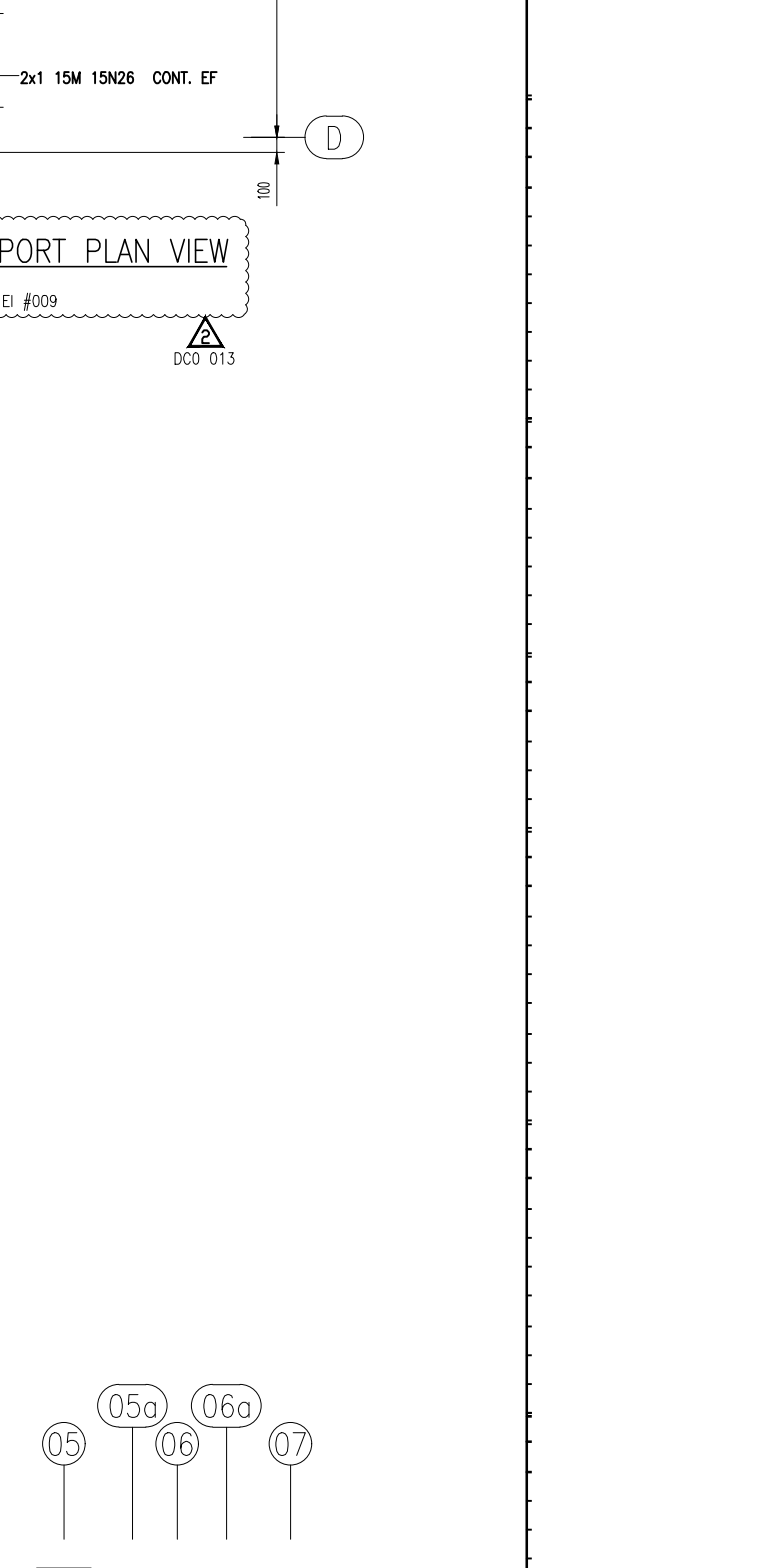
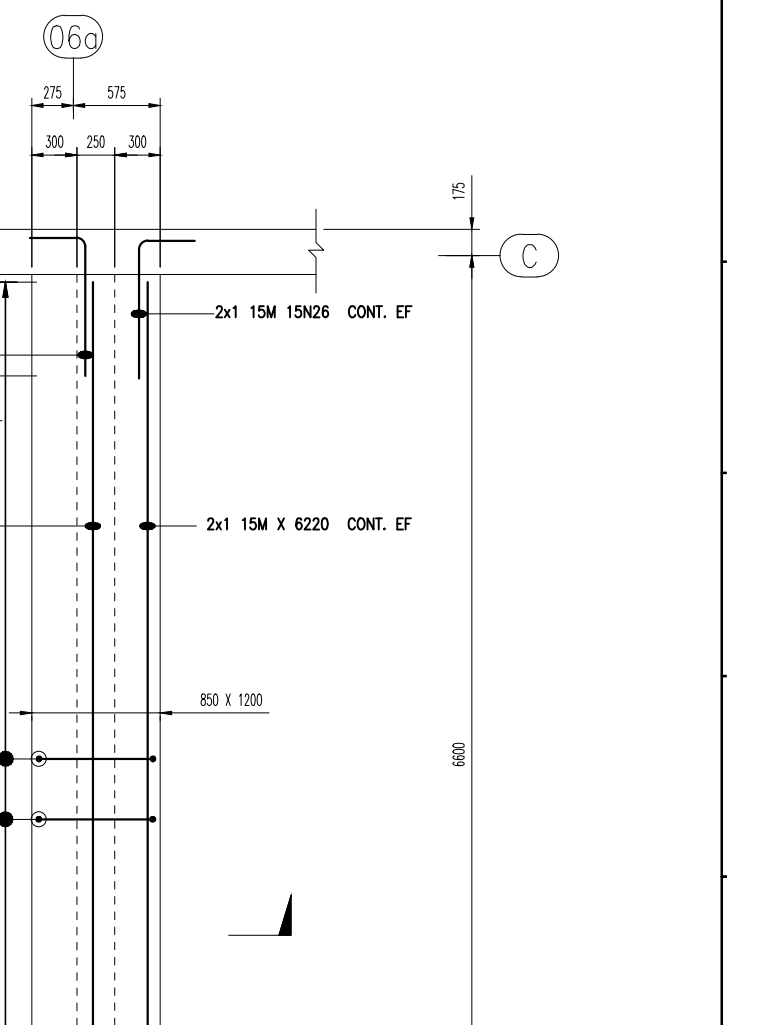
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SCALE: 1:30 SDRS-303,19/A6-03

Drawing Sheet: R-50001

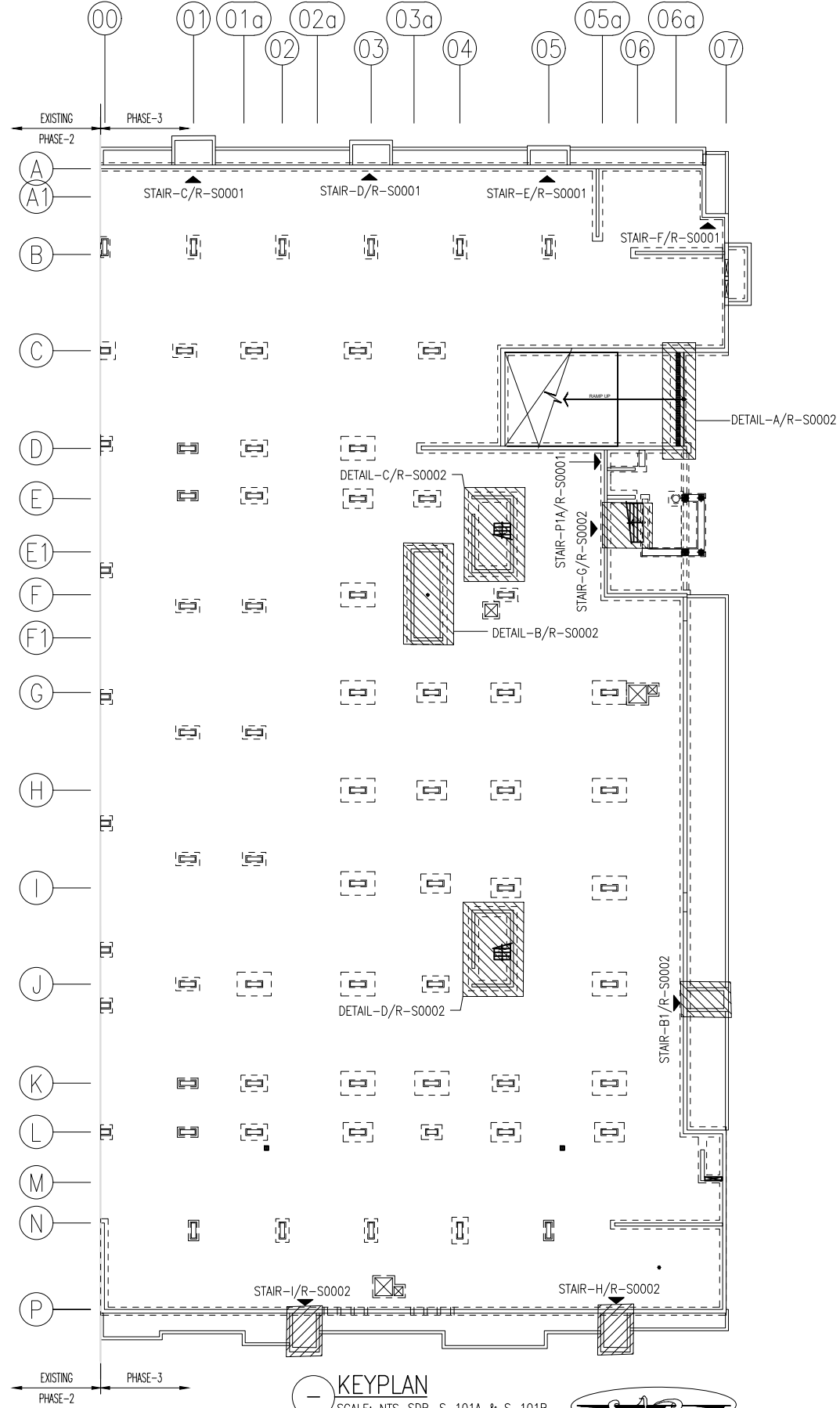
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	X''	Y''	X'''	Y'''	X''''	Y''''	X'''''	Y'''''
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15N06	9	15M	3625	3			260	3365			2030		2685	2945
15N08	9	15M	3640	3			260	3380			2050		2690	2950
15N11	5	15M	3350	3			160	3190			1985		2495	2655
15N12	6	15M	3650	3			260	3390			2060		2690	2950
15N13	9	15M	3660	3			260	3400			2080		2690	2950
15N15	9	15M	2020	3			625	1250	145		760		995	1765
15N16	48	15M	1430	3			620	810			500		640	1280
15N17	9	15M	2525	3			625	1760	140		1025		1410	2175
15N19	9	15M	3185	3			625	2410	150		1455		1920	2685
15N32	5	15M	1525	3			620	905			555		715	1335
15N34	5	15M	3235	3			160	3075			1915		2405	2565
15N35	7	15M	2710	3			1900	810			500		640	2540

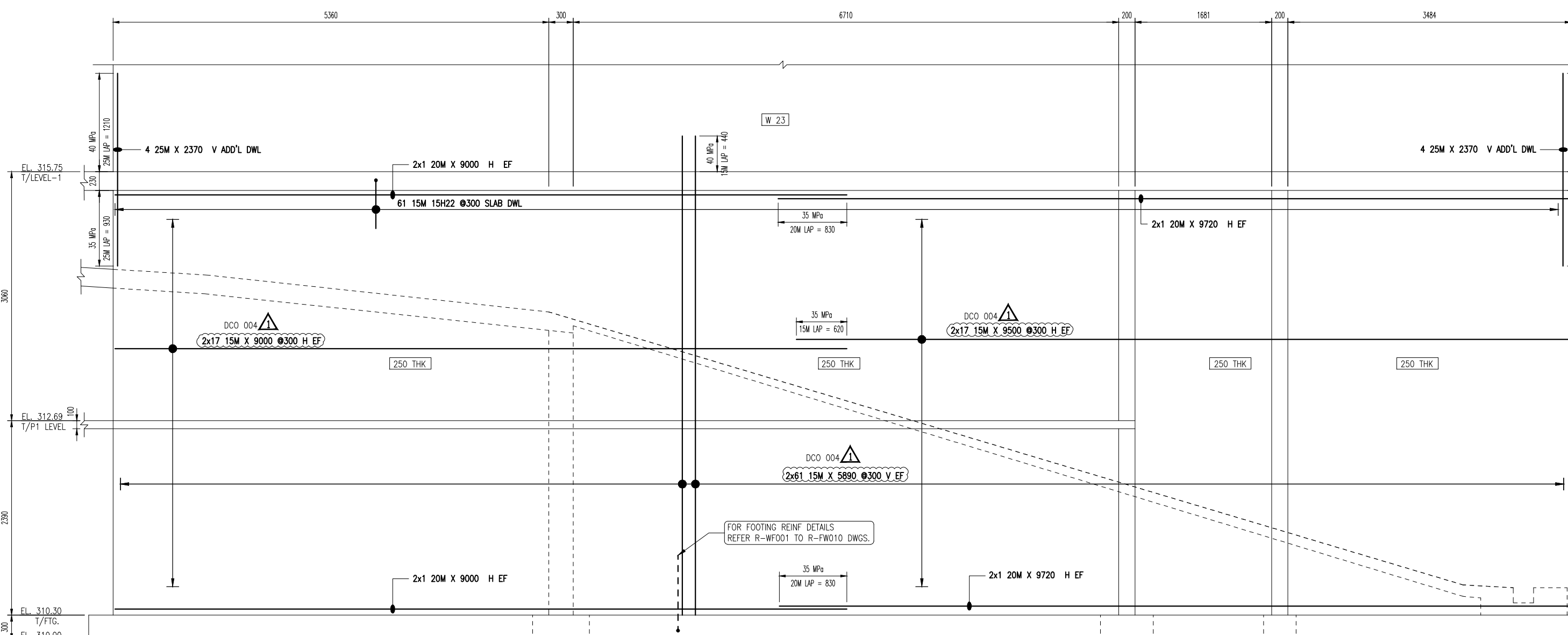
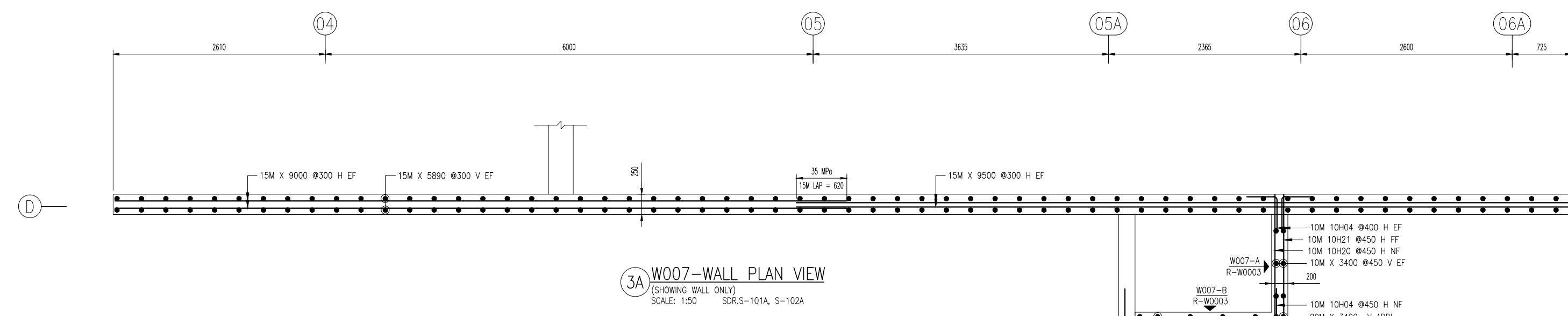
Bar list produced by InterCAD 2020.0



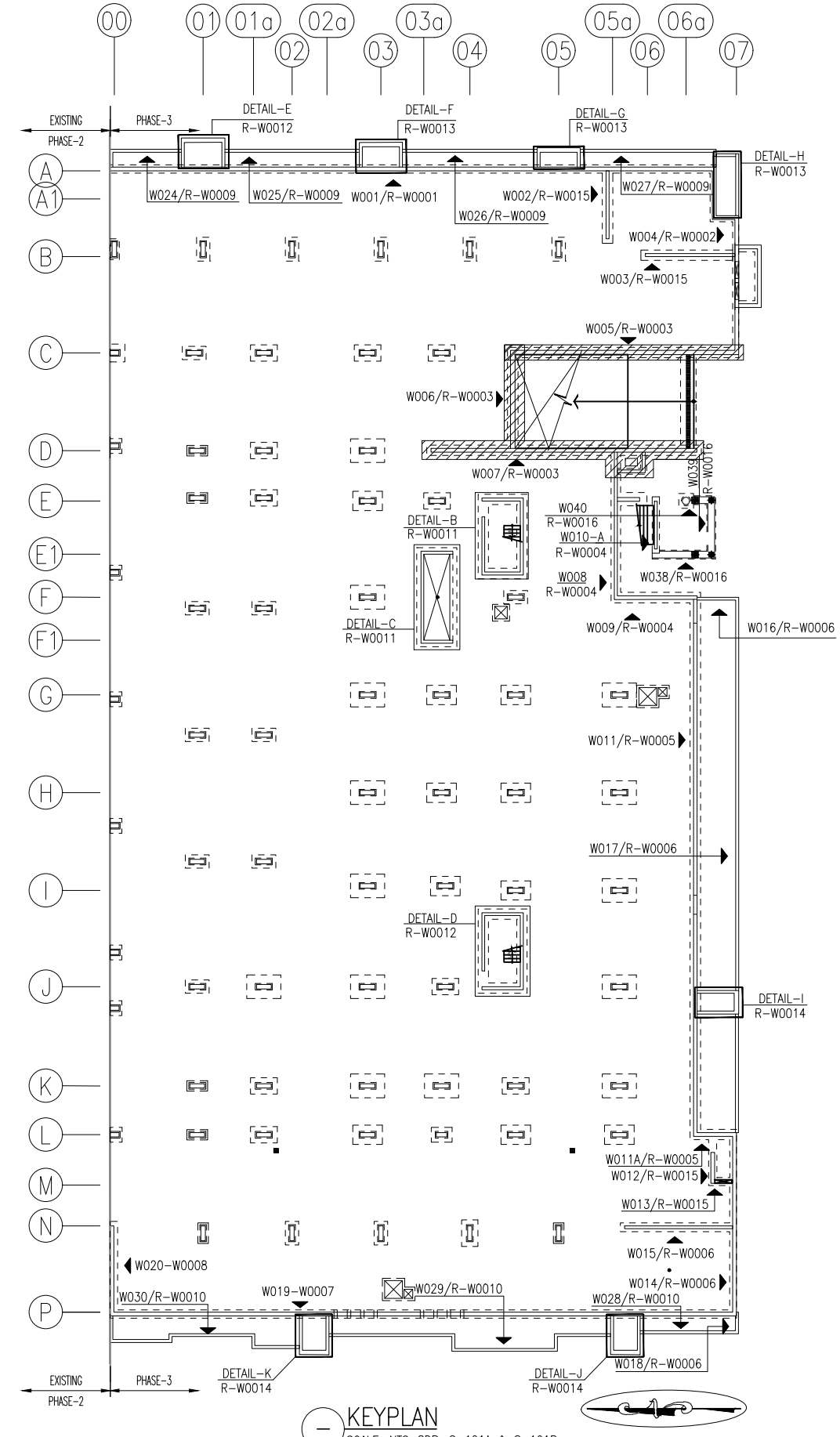
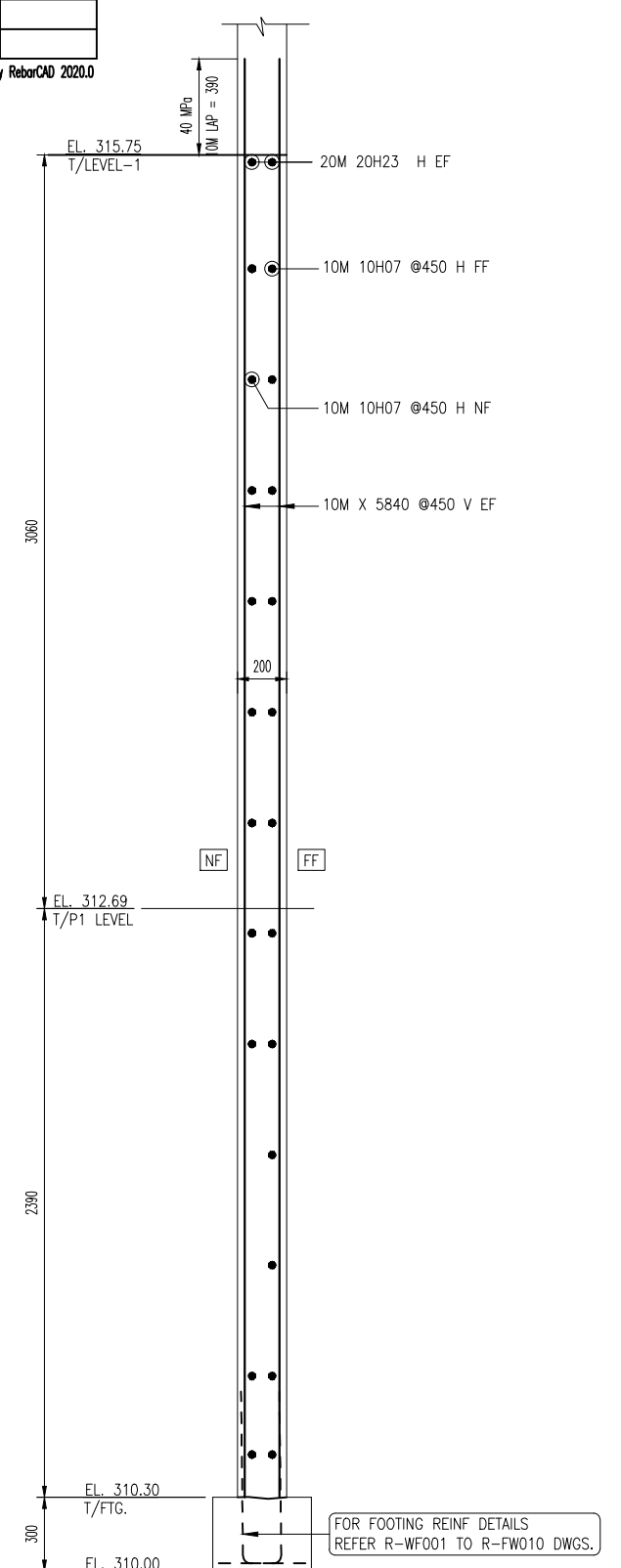
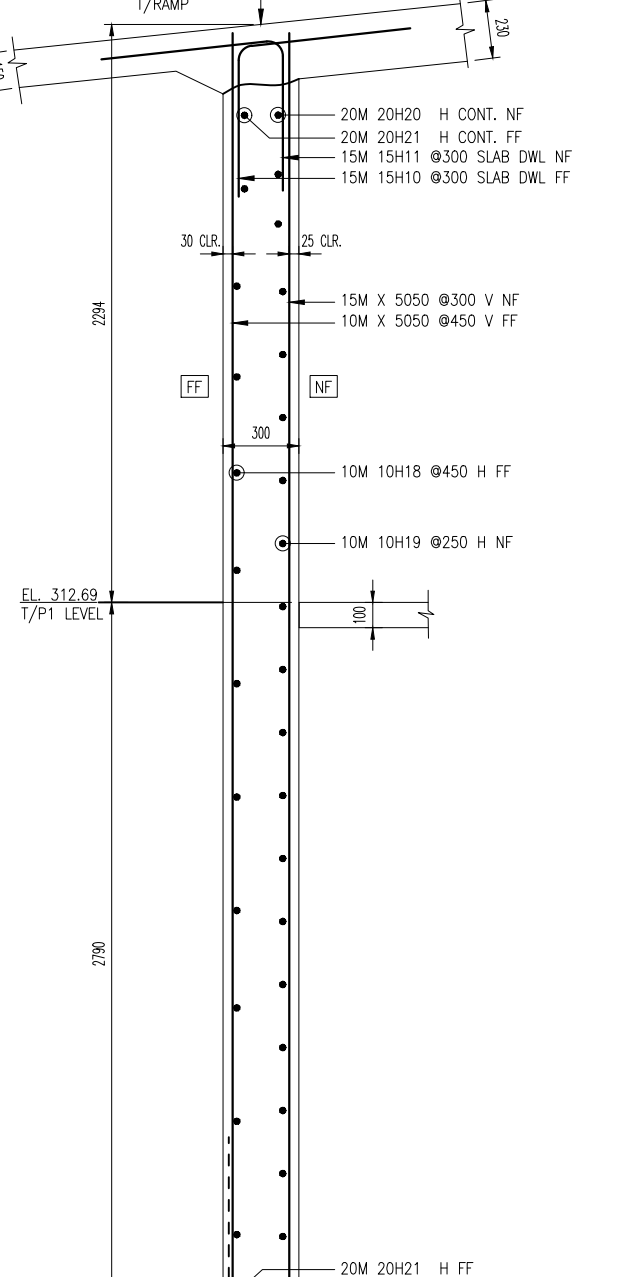
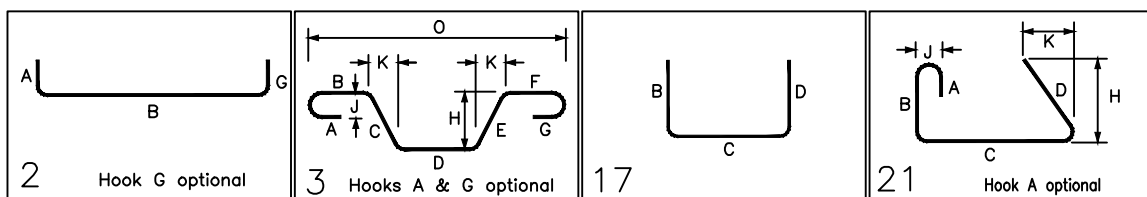
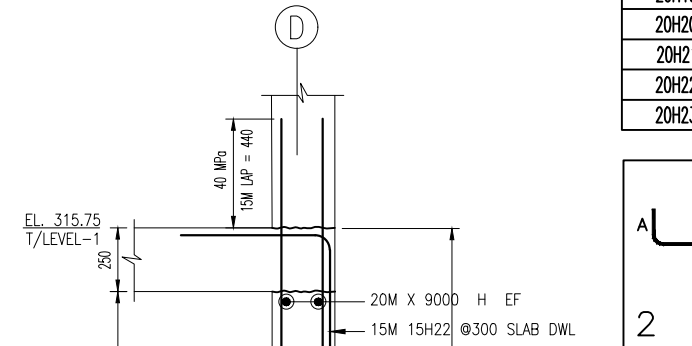


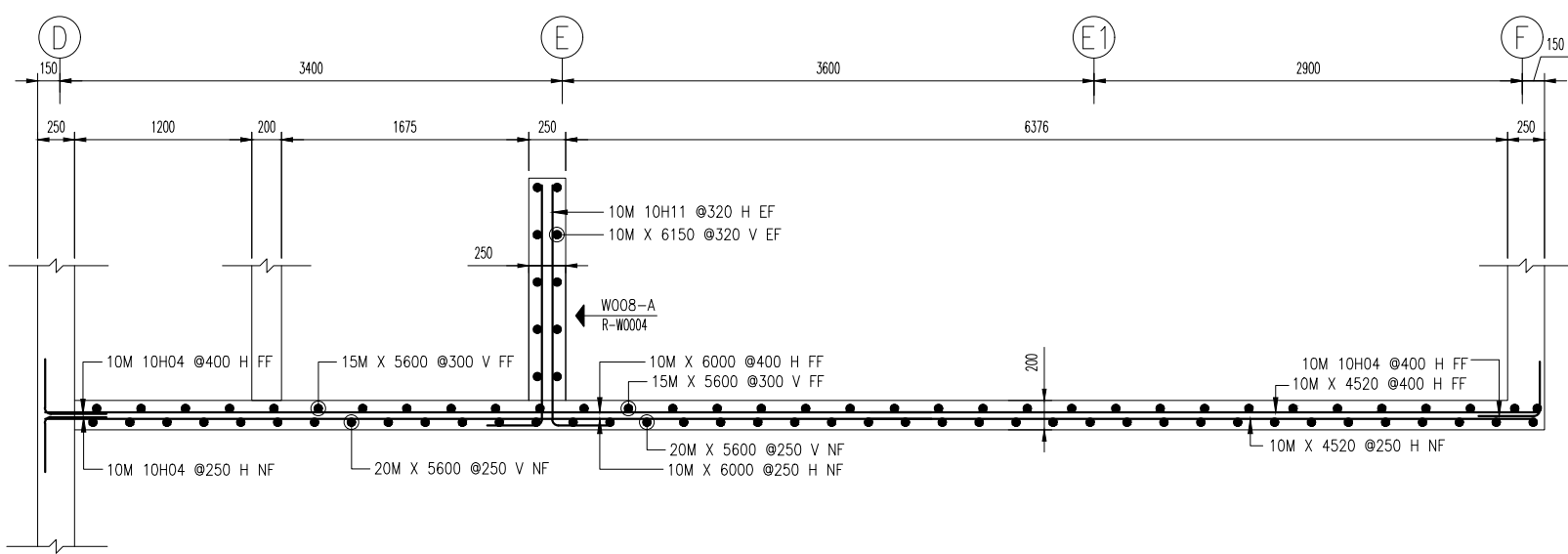
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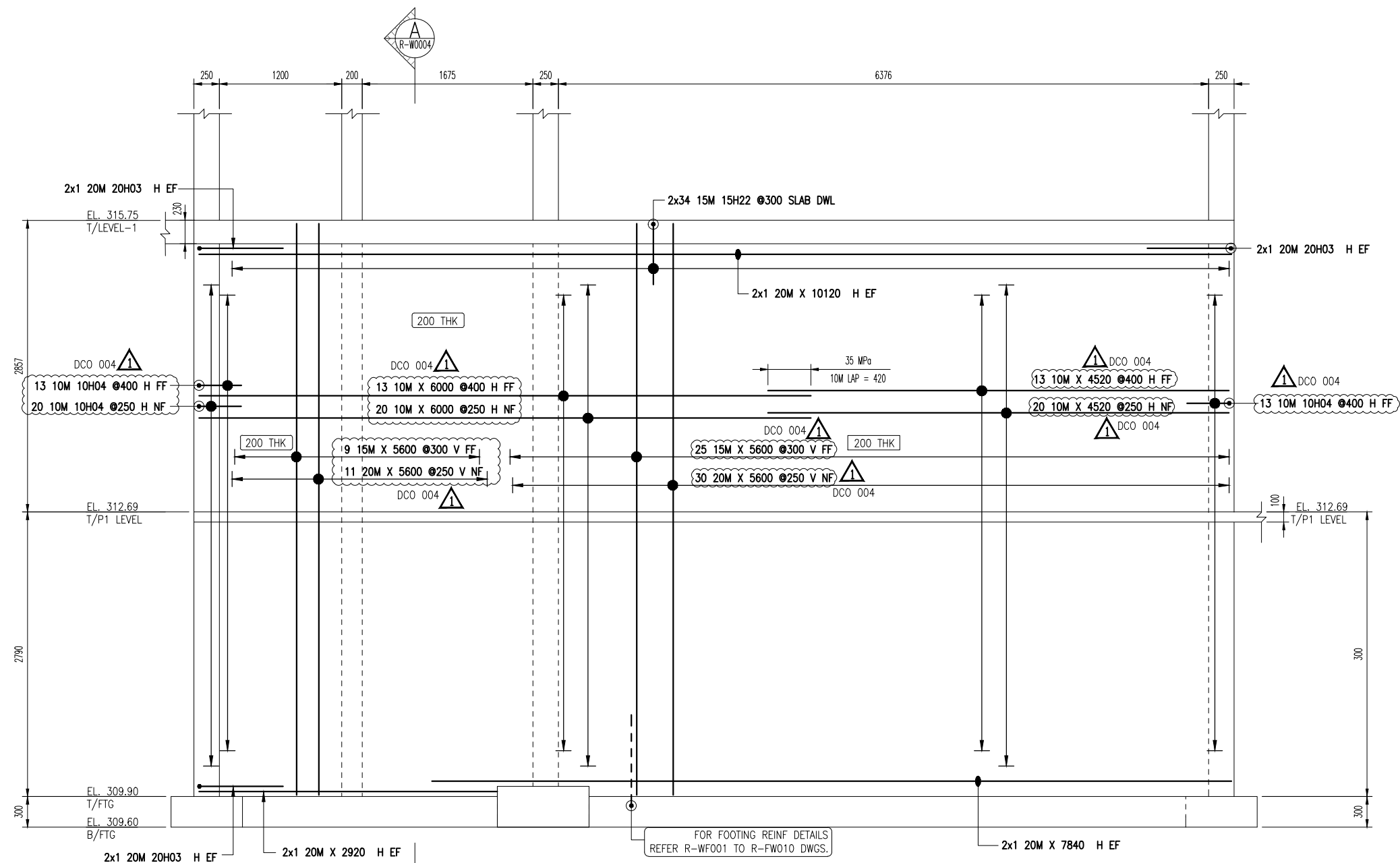


DATA		BAR SIZE	10	15	20	25	30	35
$F_y = 40 \text{ ksi}$ $F_u = 55 \text{ ksi}$ $E_c = 40 \text{ ksi}$	TENSION	LAP SPlice	420	620	830	1290	1550	1800
		DEVELOPMENT LENGTH	320	480	640	990	1190	1390
	COMPRESSION	LAP SPlice	300	440	590	730	880	1030
		DEVELOPMENT LENGTH	200	280	350	440	530	630
	TENSION	LAP SPlice	390	580	770	1210	1450	1690
		DEVELOPMENT LENGTH	300	450	600	930	1110	1300
COMPRESSION	LAP SPlice	300	440	590	730	880	1030	
	DEVELOPMENT LENGTH	200	280	350	440	530	630	

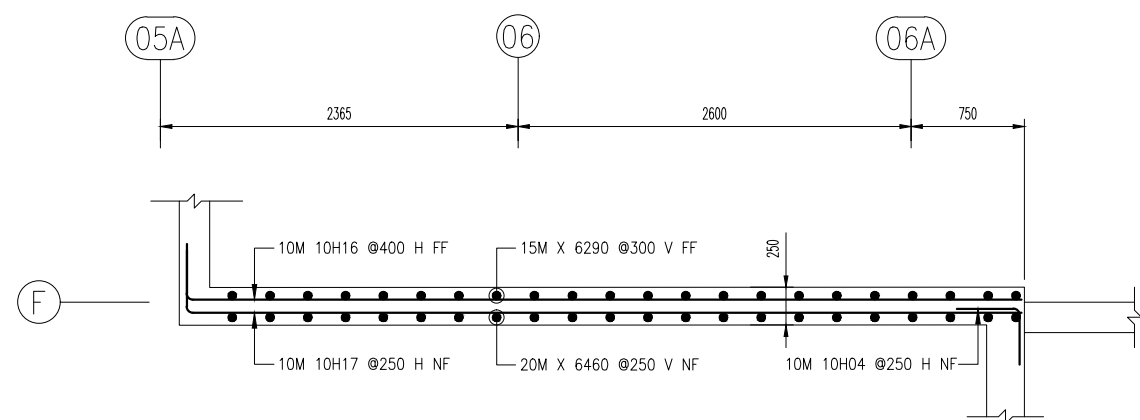




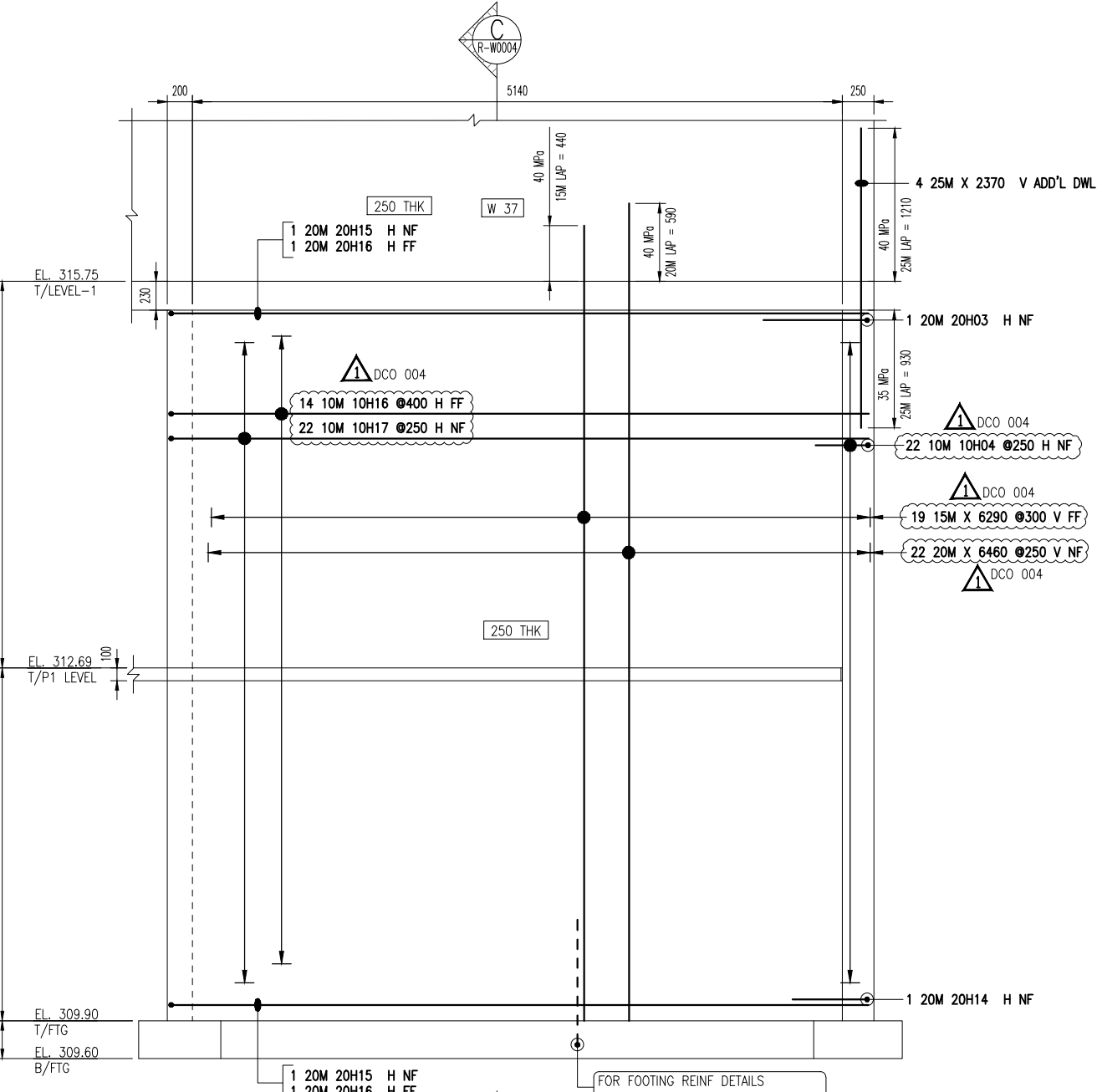
1A W008-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A



1B W008-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A



2A W009-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A

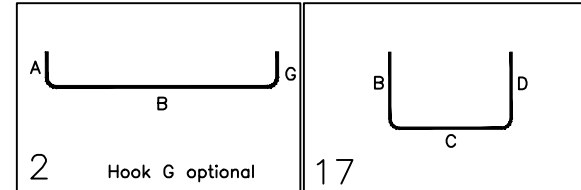


2B W009-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A

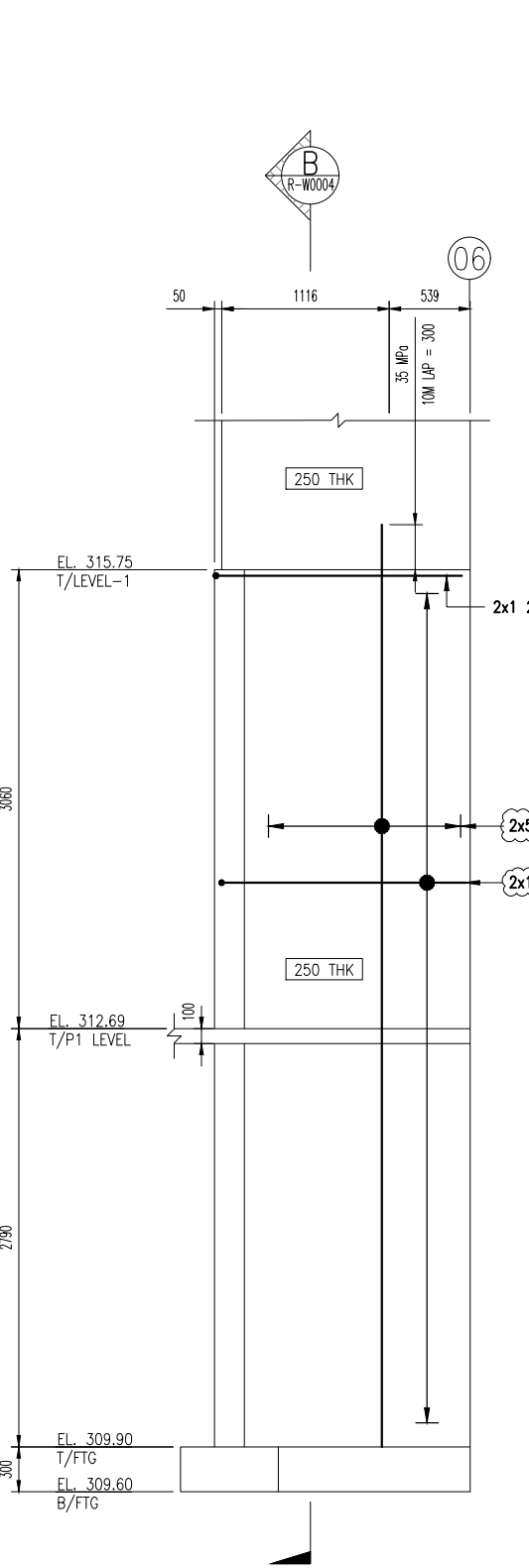
Drawing Sheet : R-W0004

Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	T	T	V	V	V	V	V	V	V
10H04	68	10M	795	17				375		420						
10H11	38	10M	2005	17				375		1630						
10H16	14	10M	5600	17				375		5525						
10H17	22	10M	5945	17				420		5525						
15H07	13	15M	1140	2		260		880								
15H02	68	15M	1200	17				600		600						
20H03	7	20M	1205	17				375		830						
20H14	1	20M	910	2		310		600								
20H15	2	20M	6355	17				830		5525						
20H16	2	20M	5600	17				375		5525						
20H17	2	20M	2025	17				375		1650						

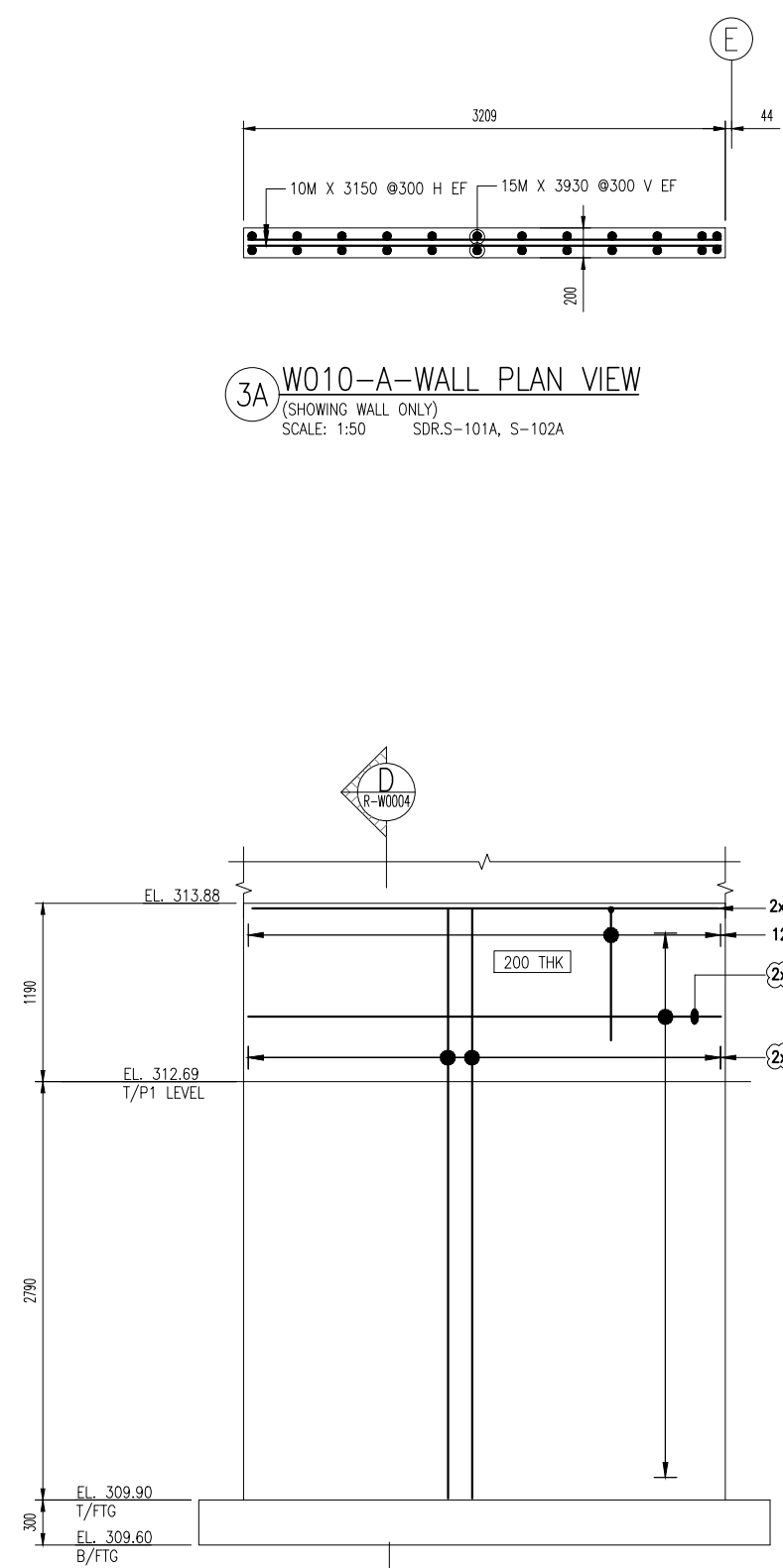
Bar list produced by RebarCAD 2003



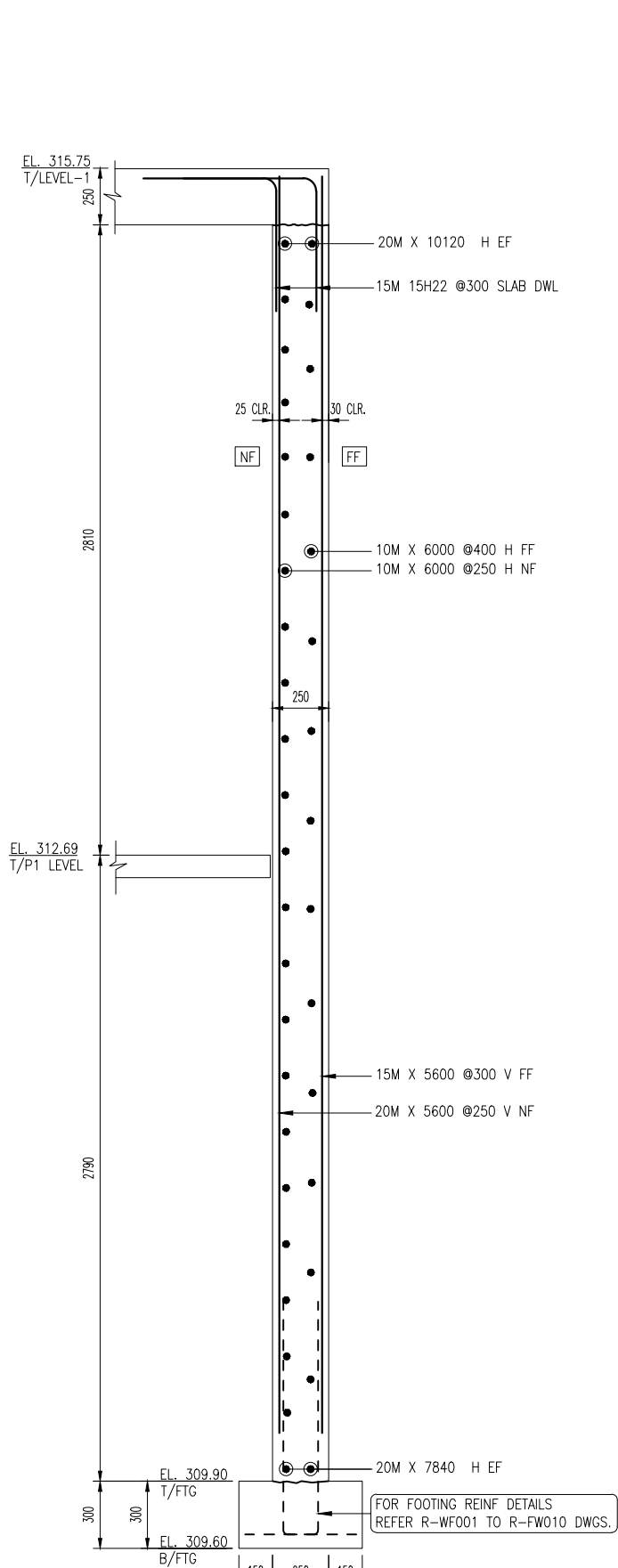
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS								
DATA		BAR SIZE						
$f_c = 4000 \text{ psi}$ $f_y = 60,000 \text{ psi}$	TENSION	LAP SPLICE	420	620	830	1290	1550	1800
		DEVELOPMENT LENGTH	320	480	640	990	1190	1390
		LAP SPLICE	300	440	590	730	880	1030
	COMPRESSION	DEVELOPMENT LENGTH	200	280	350	440	530	630
		LAP SPLICE	390	580	770	1210	1450	1690
		DEVELOPMENT LENGTH	300	450	600	930	1110	1300
$f_c = 4000 \text{ psi}$ $f_y = 40,000 \text{ psi}$	TENSION	LAP SPLICE	300	440	590	730	880	1030
		DEVELOPMENT LENGTH	200	280	350	440	530	630
		LAP SPLICE	300	440	590	730	880	1030
	COMPRESSION	DEVELOPMENT LENGTH	200	280	350	440	530	630
		LAP SPLICE	300	440	590	730	880	1030
		DEVELOPMENT LENGTH	200	280	350	440	530	630



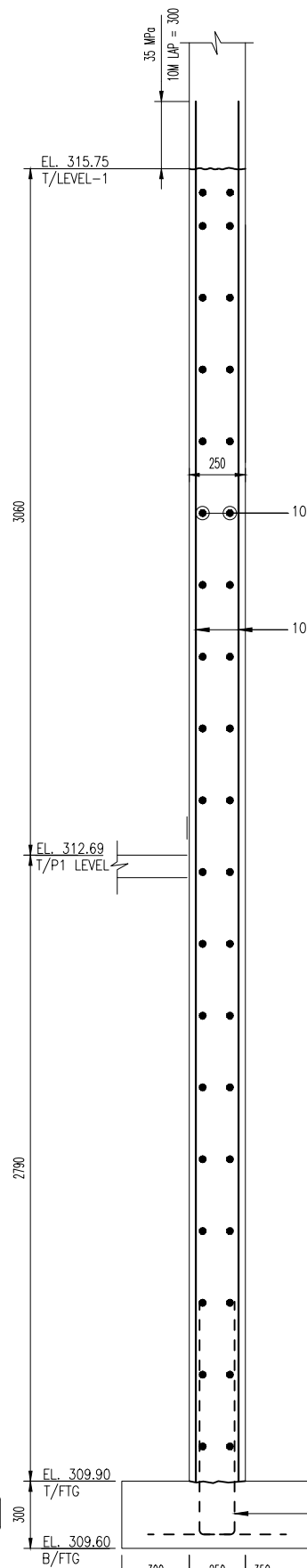
1C W008-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A



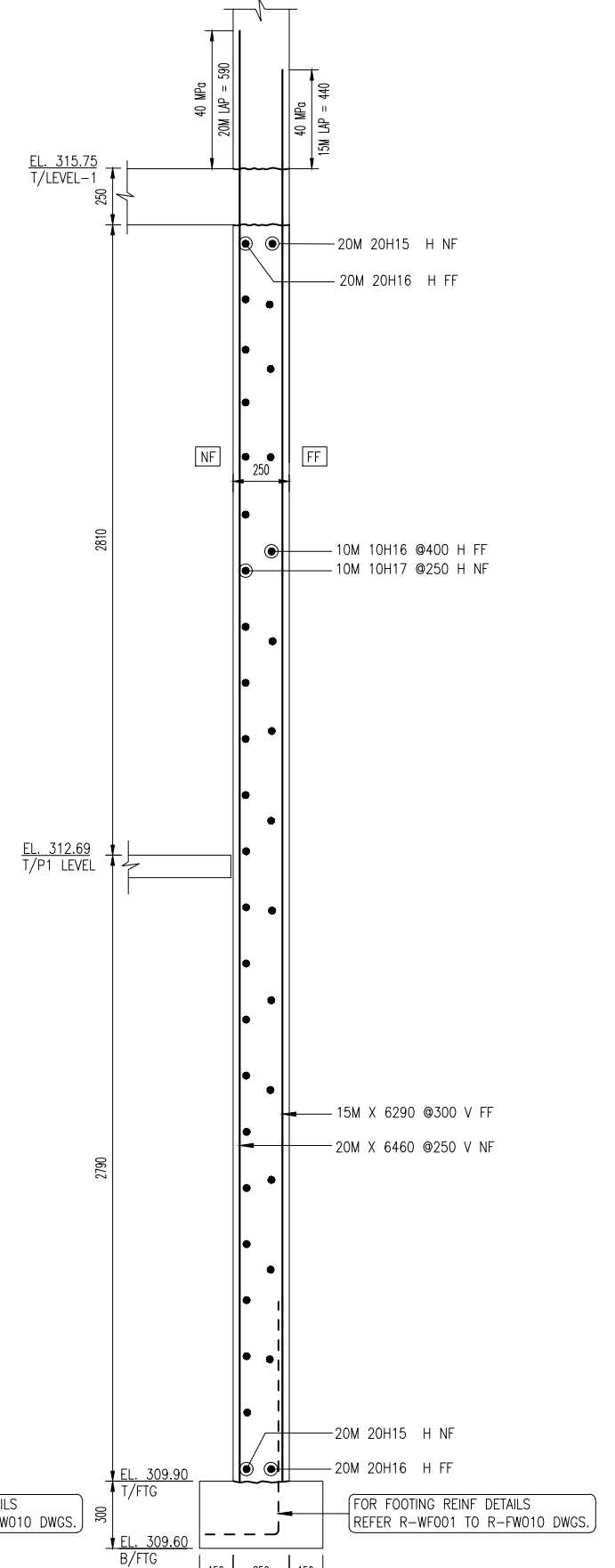
1B W010-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-102A



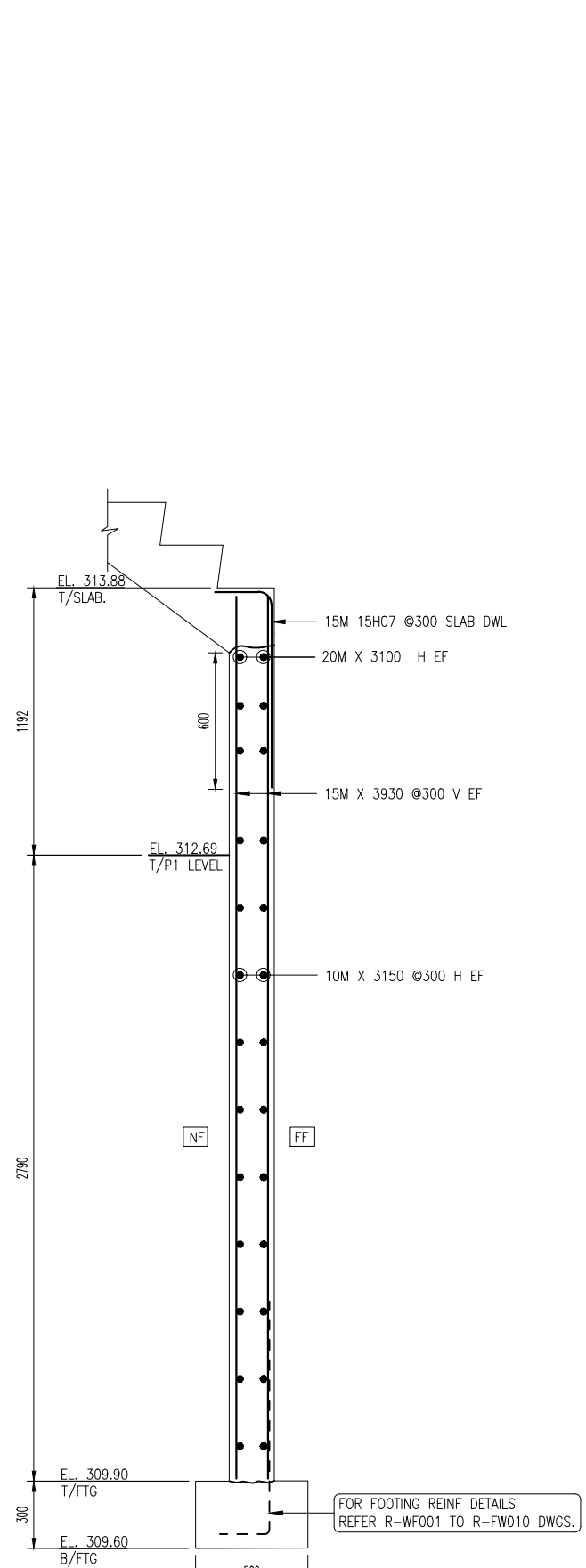
A SECTION
SCALE: 1:30 SDR. 8A/S-301



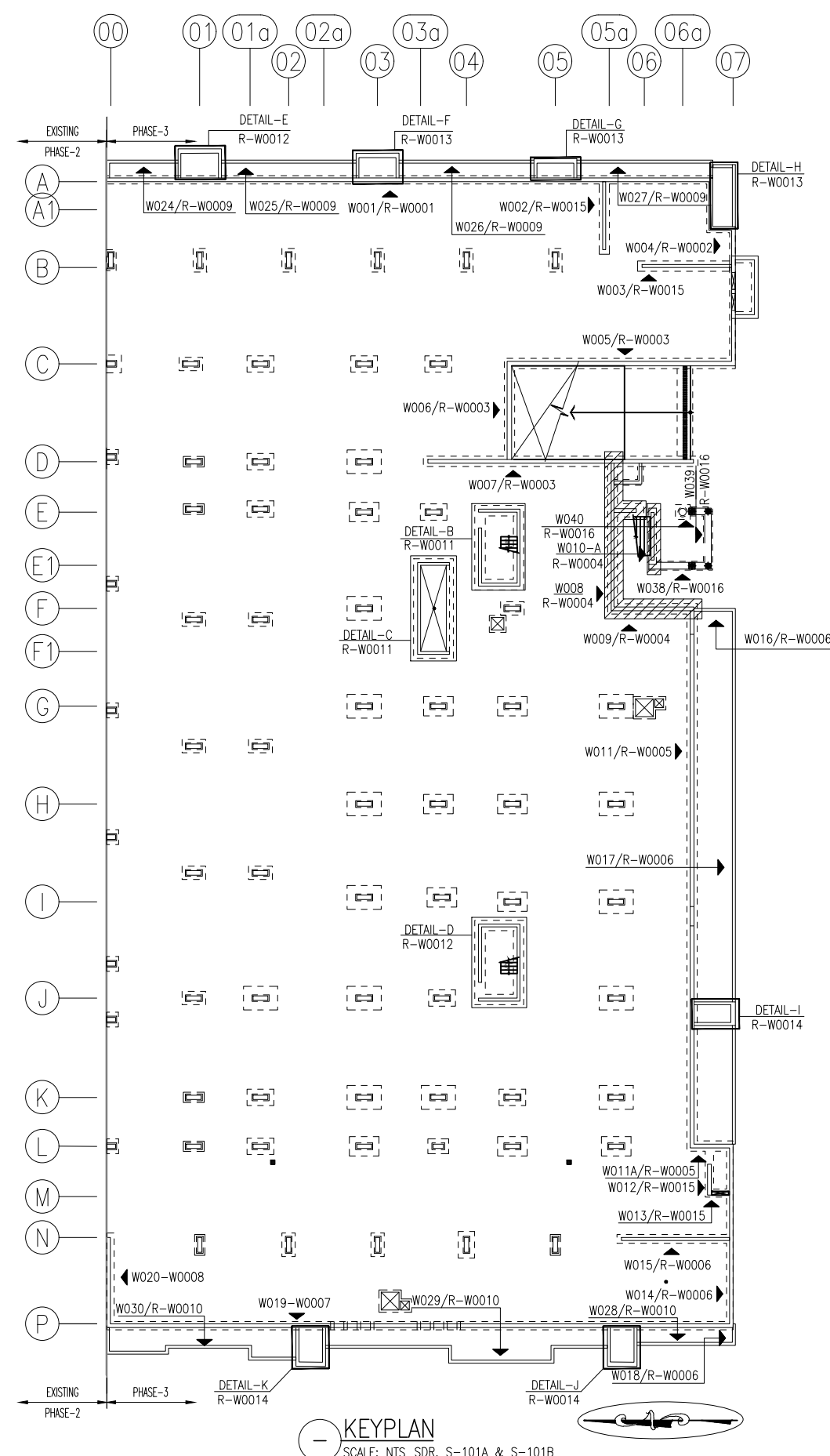
B SECTION
SCALE: 1:30

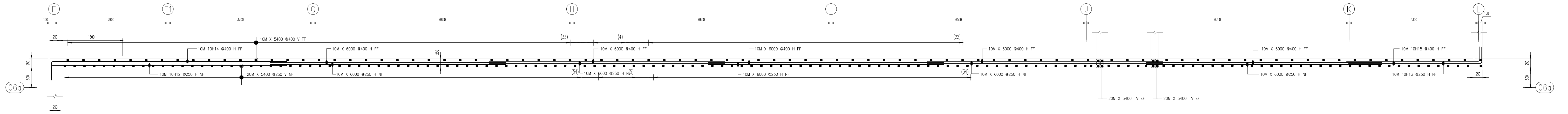


C SECTION
SCALE: 1:30 SDR. 8A/S-301

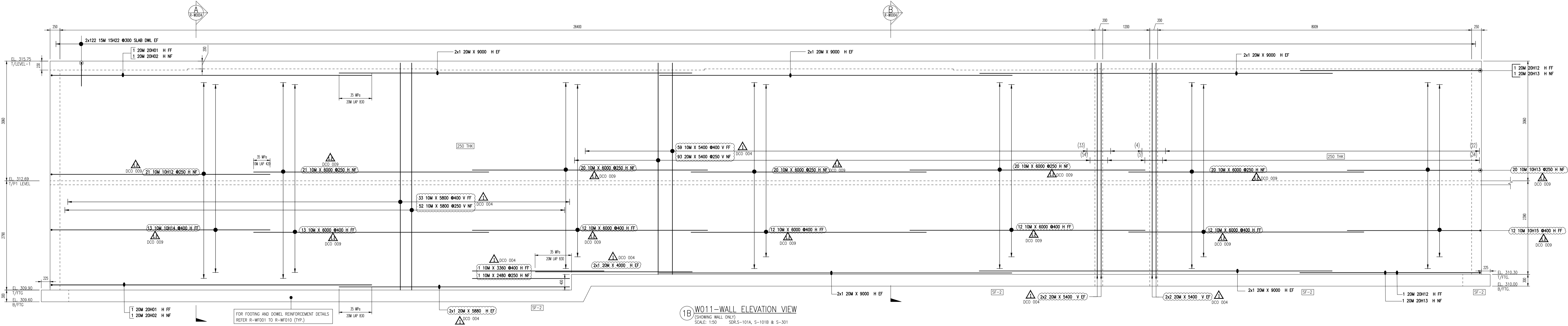


D SECTION
SCALE: 1:30 SDR. 3/S-301

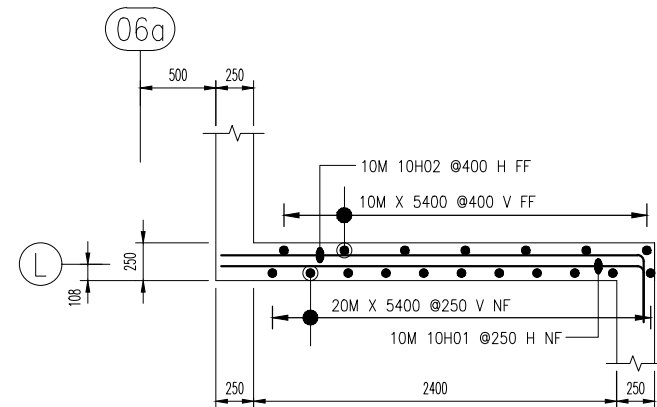




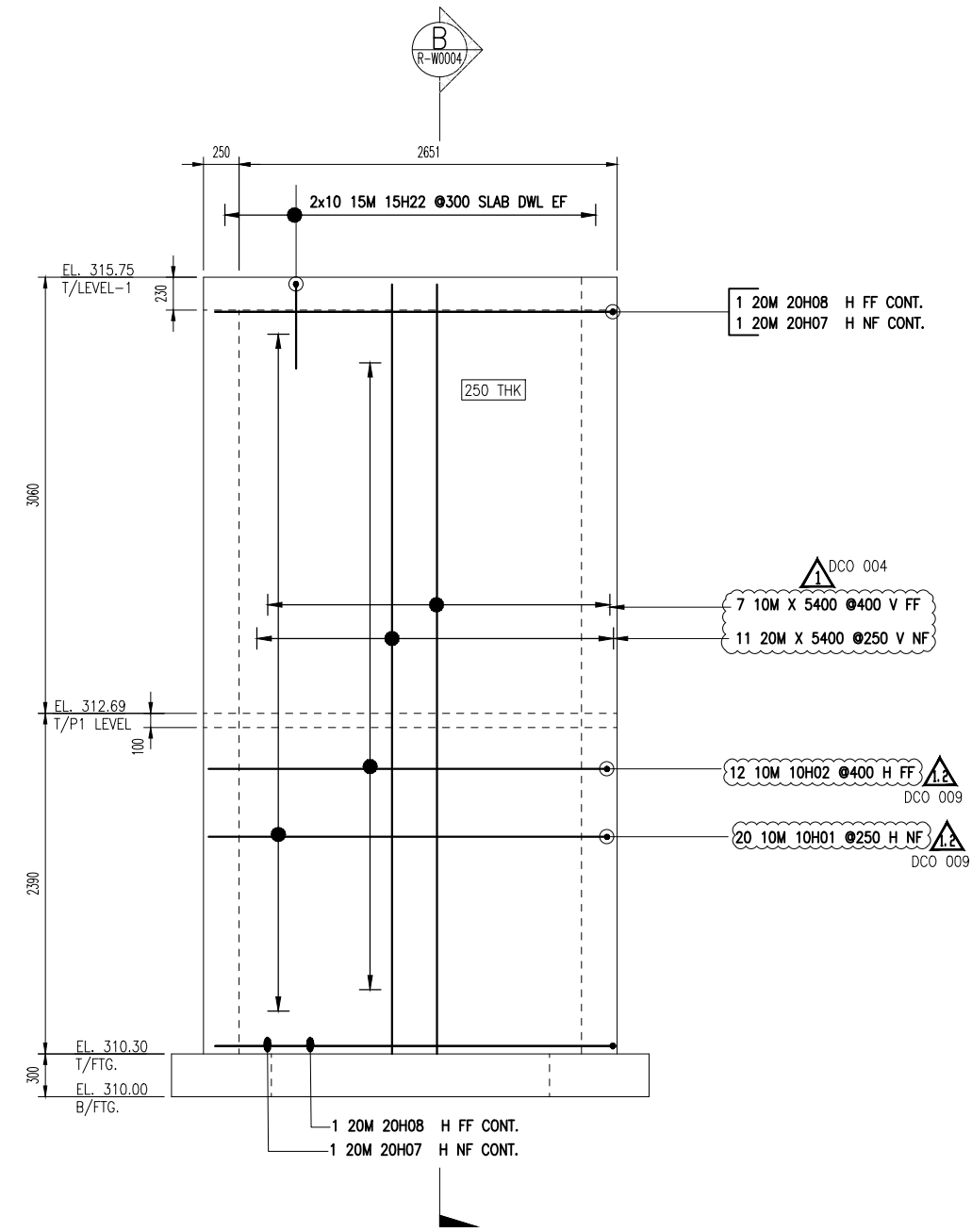
1A W011-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SDR: S-101A, S-101B



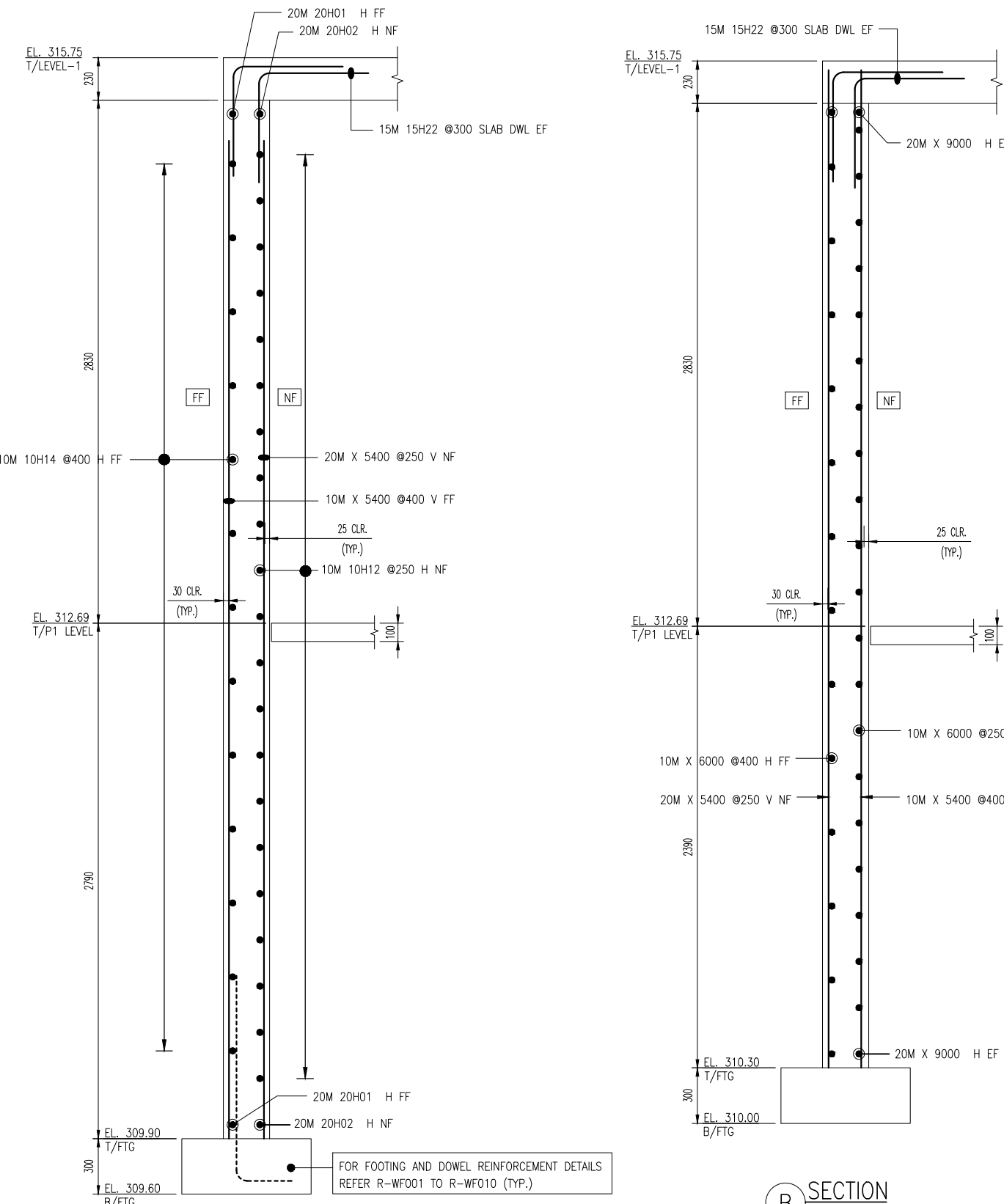
1B W011-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SDR: S-101A, S-101B & S-301



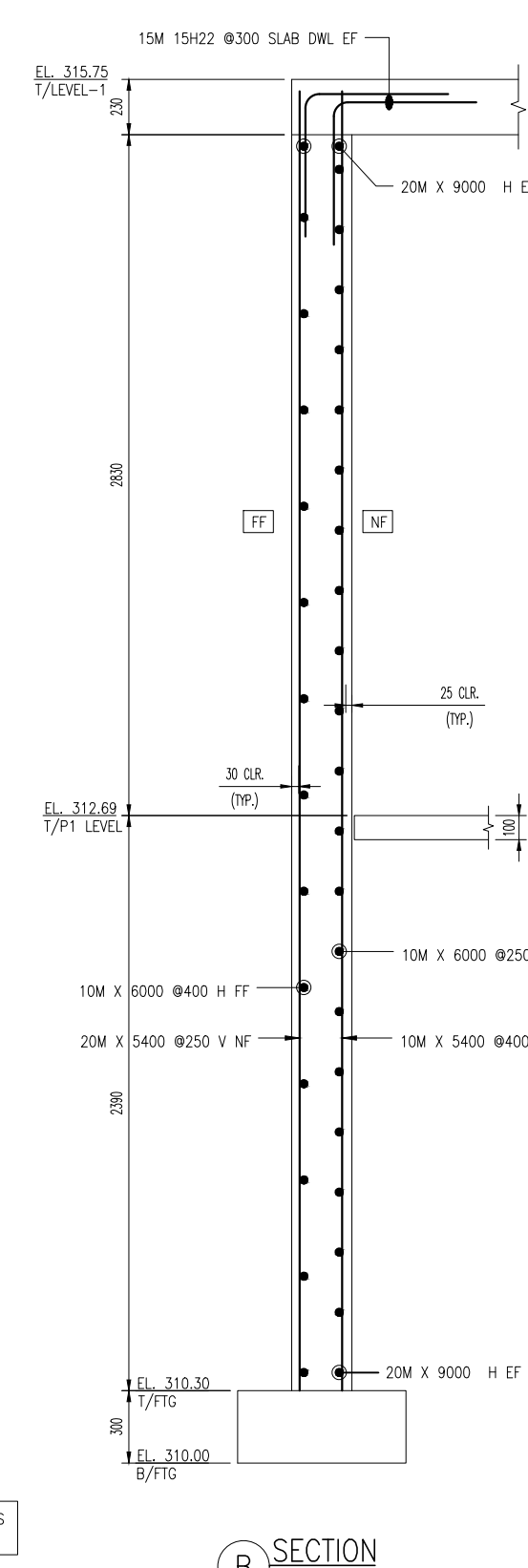
2A W011-A-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SDR: S-101A, S-101B



2B W011-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SDR: S-101A, S-101B & S-301



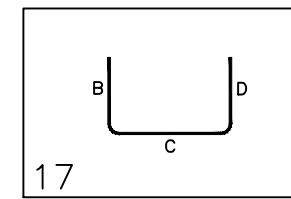
A SECTION
SCALE: 1:30 SDR: S-301



B SECTION
SCALE: 1:30 SDR: S-301

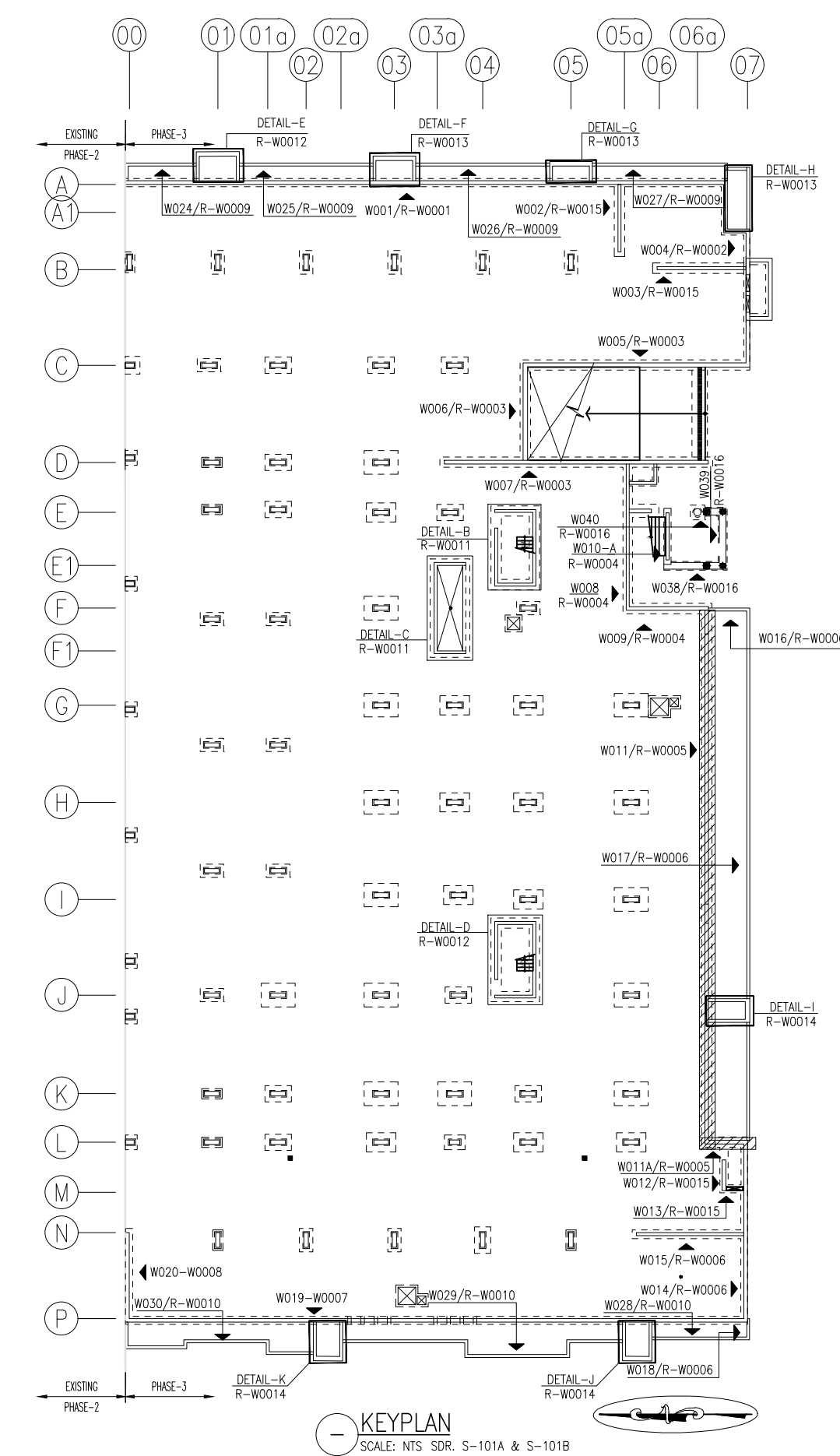
Drawing Sheet : R-W0005													
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	Y'	Z'	Y''	Z''	Y'''	Z'''
10H01	20	10M	3175	17		375	2800						
10H02	12	10M	3220	17		420	2800						
10H12	24	10M	5955	17		375	5380						
10H13	20	10M	3820	17		420	3400						
10H14	13	10M	6000	17		420	5580						
10H15	12	10M	3775	17		375	3400						
15H02	264	15M	1200	17		600	600						
20H01	2	20M	9000	17		830	8170						
20H02	2	20M	8550	17		375	8170						
20H07	2	20M	3175	17		375	2800						
20H08	2	20M	3630	17		830	2800						
20H12	2	20M	5430	17		830	4600						
20H13	2	20M	4975	17		375	4600						

for list prepared by Refer/SD 2003

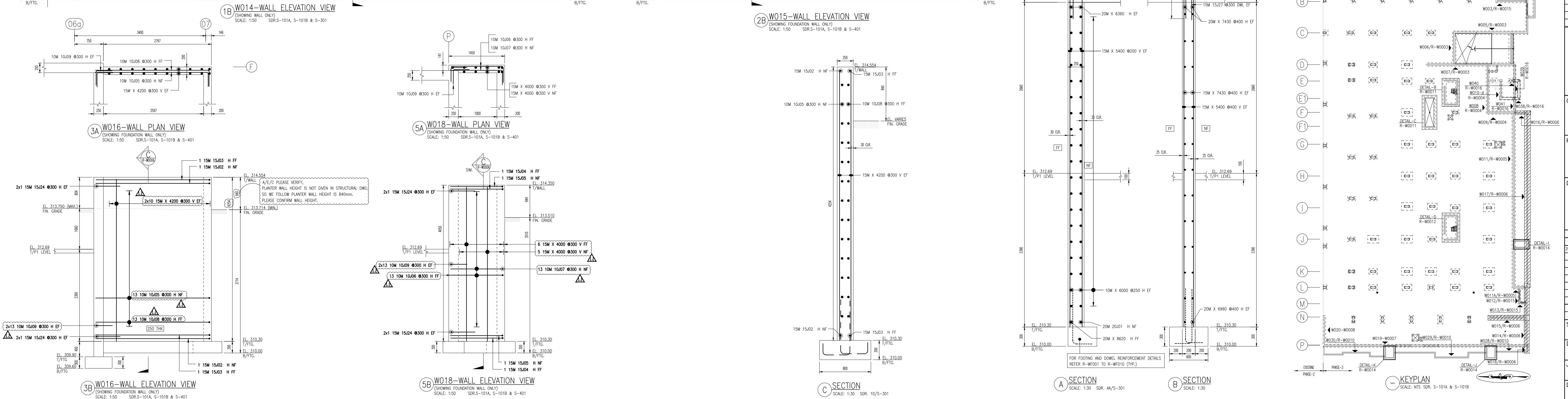


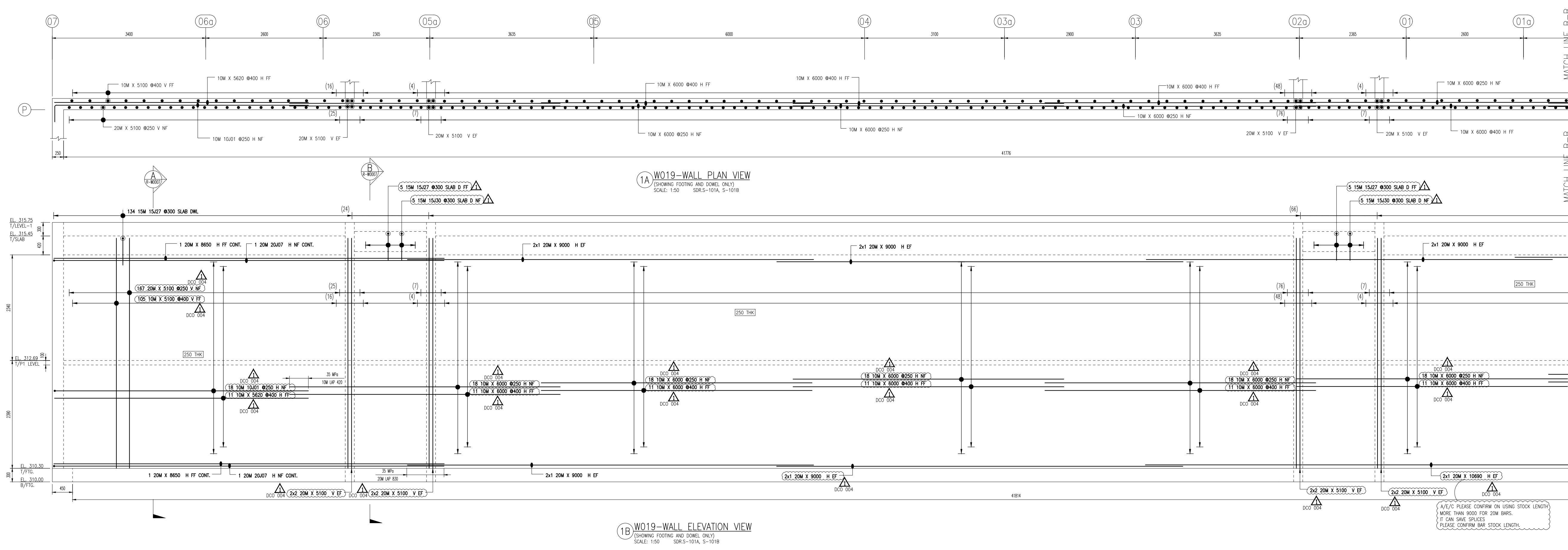
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LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA		10	15	20	25	30	35
TENSION	LAP SPLICE	420	620	830	1290	1550	1800
	DEVELOPMENT	320	480	640	990	1190	1390
COMPRESSION	LAP SPLICE	300	440	590	730	880	1030
	DEVELOPMENT	200	280	350	440	530	630
TENSION	LAP SPLICE	390	580	770	1210	1450	1690
	DEVELOPMENT	300	450	600	930	1110	1300
COMPRESSION	LAP SPLICE	300	440	590	730	880	1030
	DEVELOPMENT	200	280	350	440	530	630

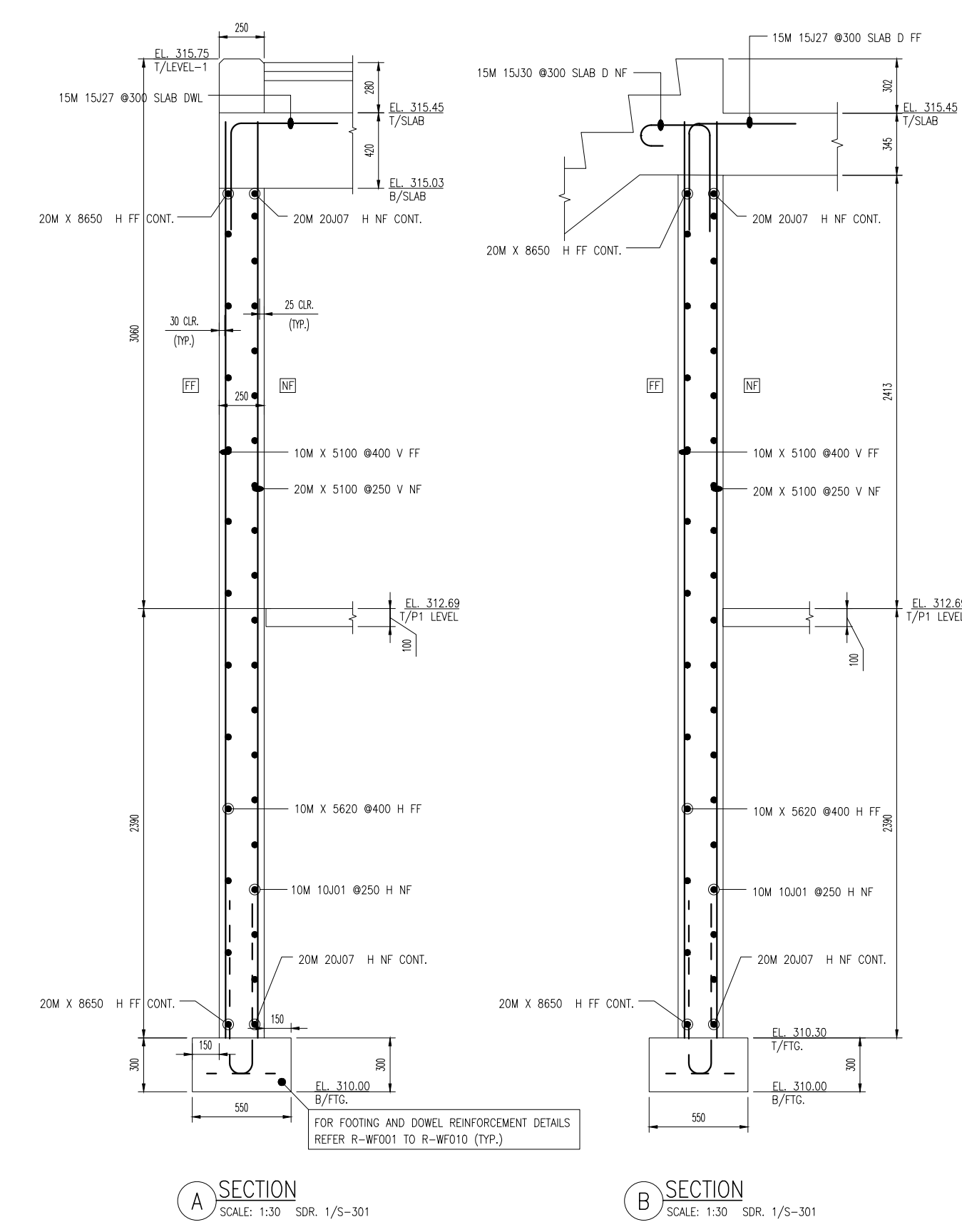
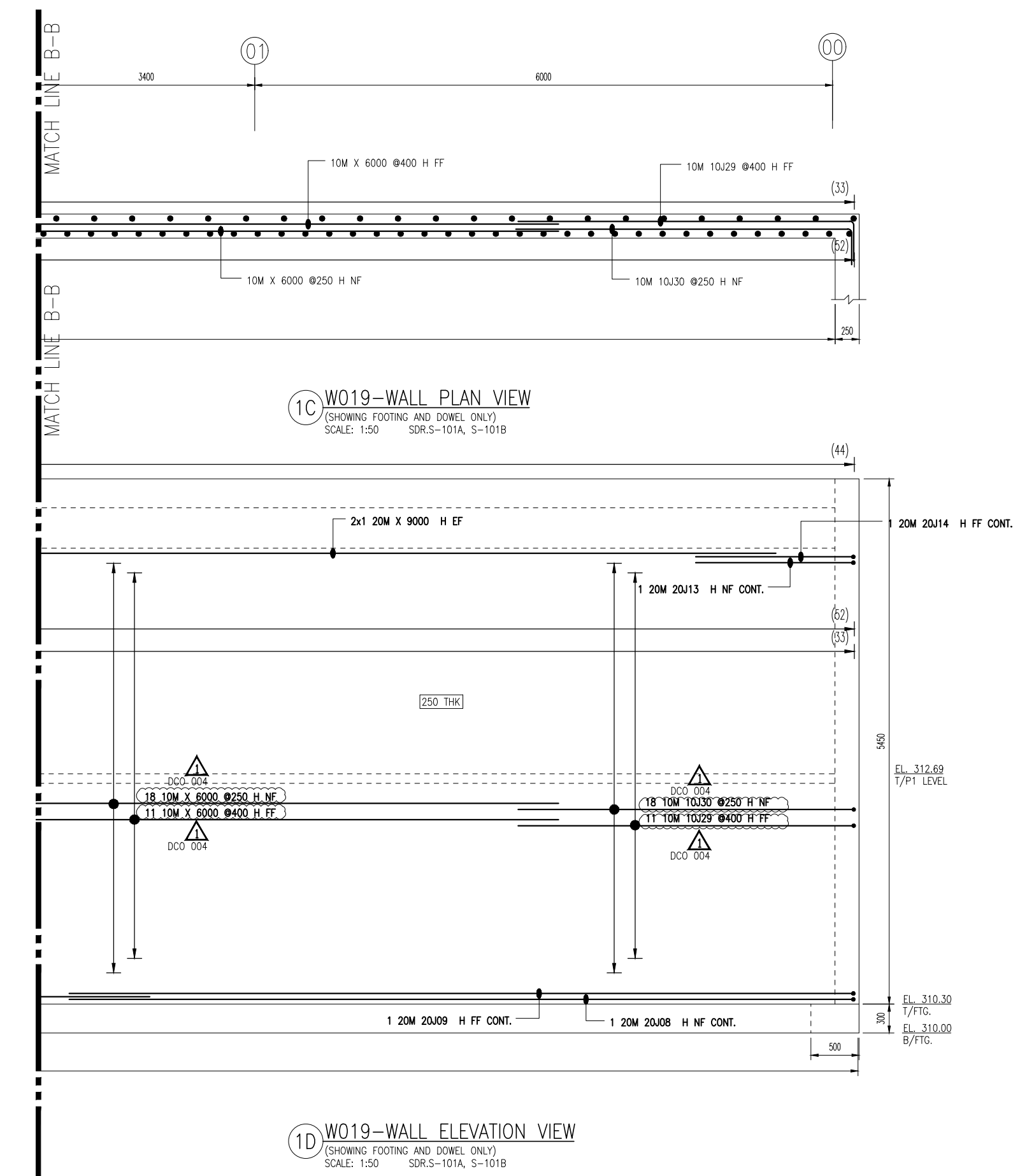


KEY PLAN
SCALE: NTS SDR: S-101A & S-101B

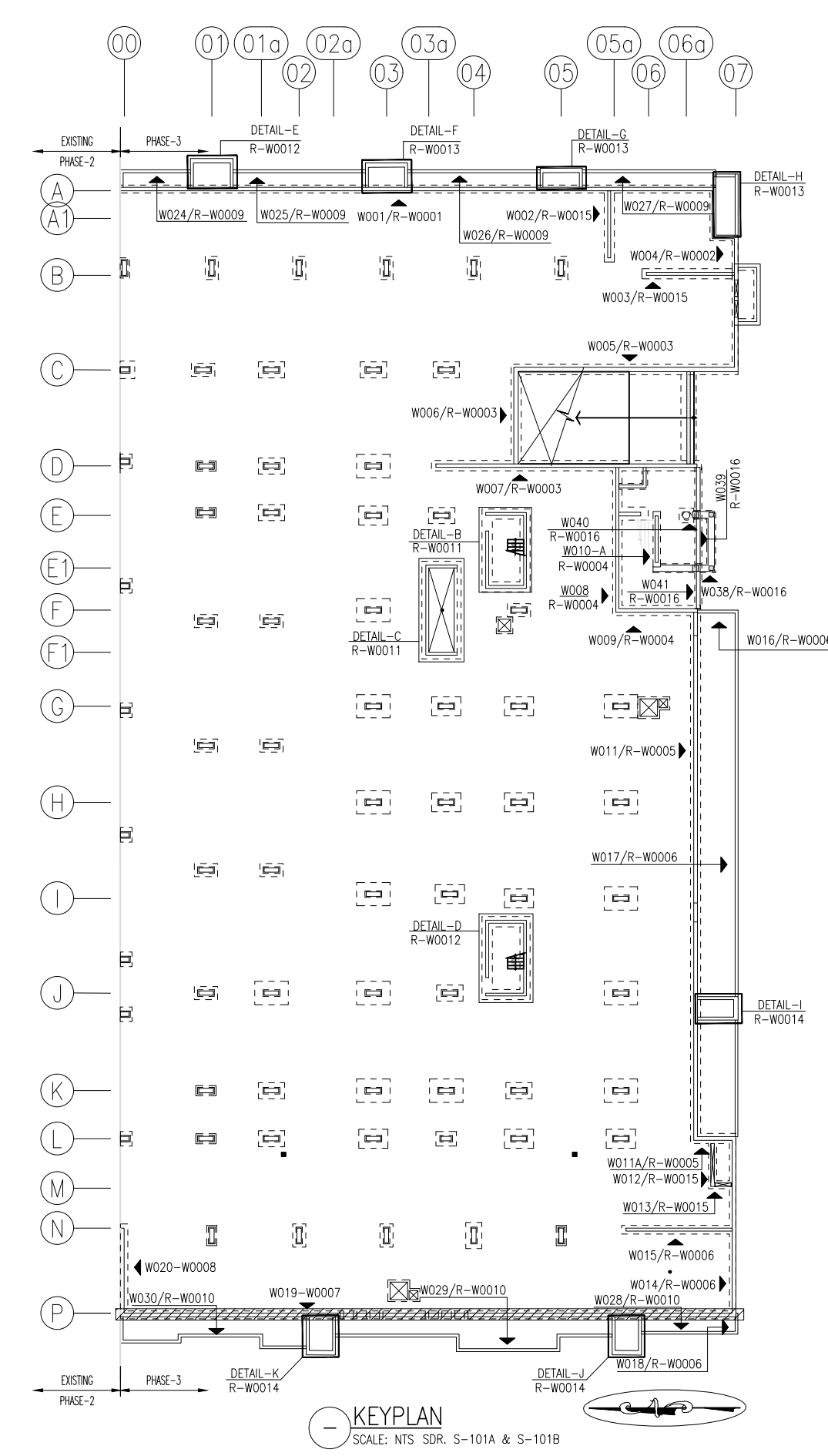
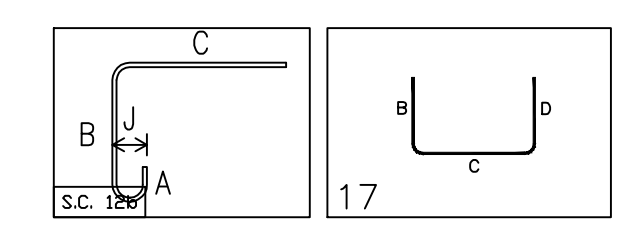


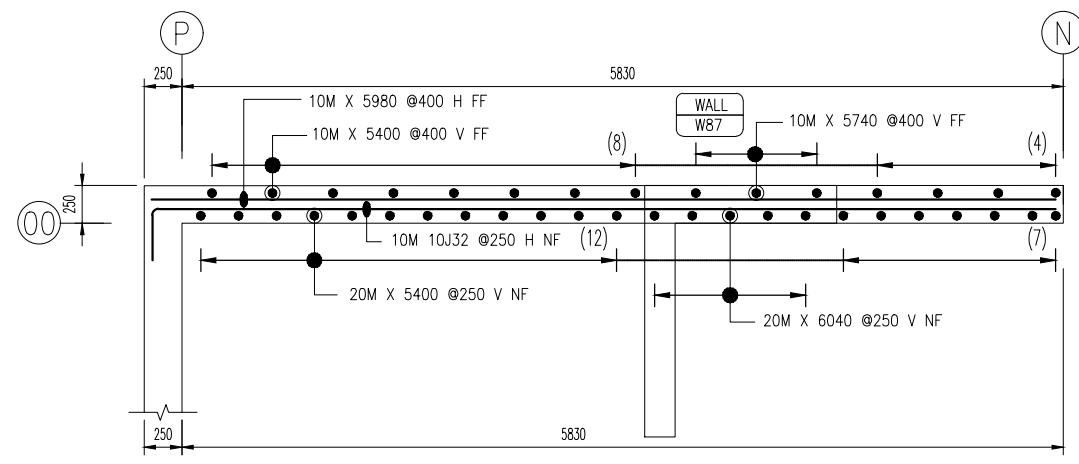


LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA		10	15	20	25	30	35
TENSION	LAP SPICE	420	620	830	1290	1550	1800
	DEVELOPMENT LENGTH	320	480	640	990	1190	1390
	ANCHORING LENGTH	300	440	590	730	880	1030
COMPRESSION	LAP SPICE	200	280	350	440	530	630
	DEVELOPMENT LENGTH	300	440	590	730	880	1030
	ANCHORING LENGTH	200	280	350	440	530	630

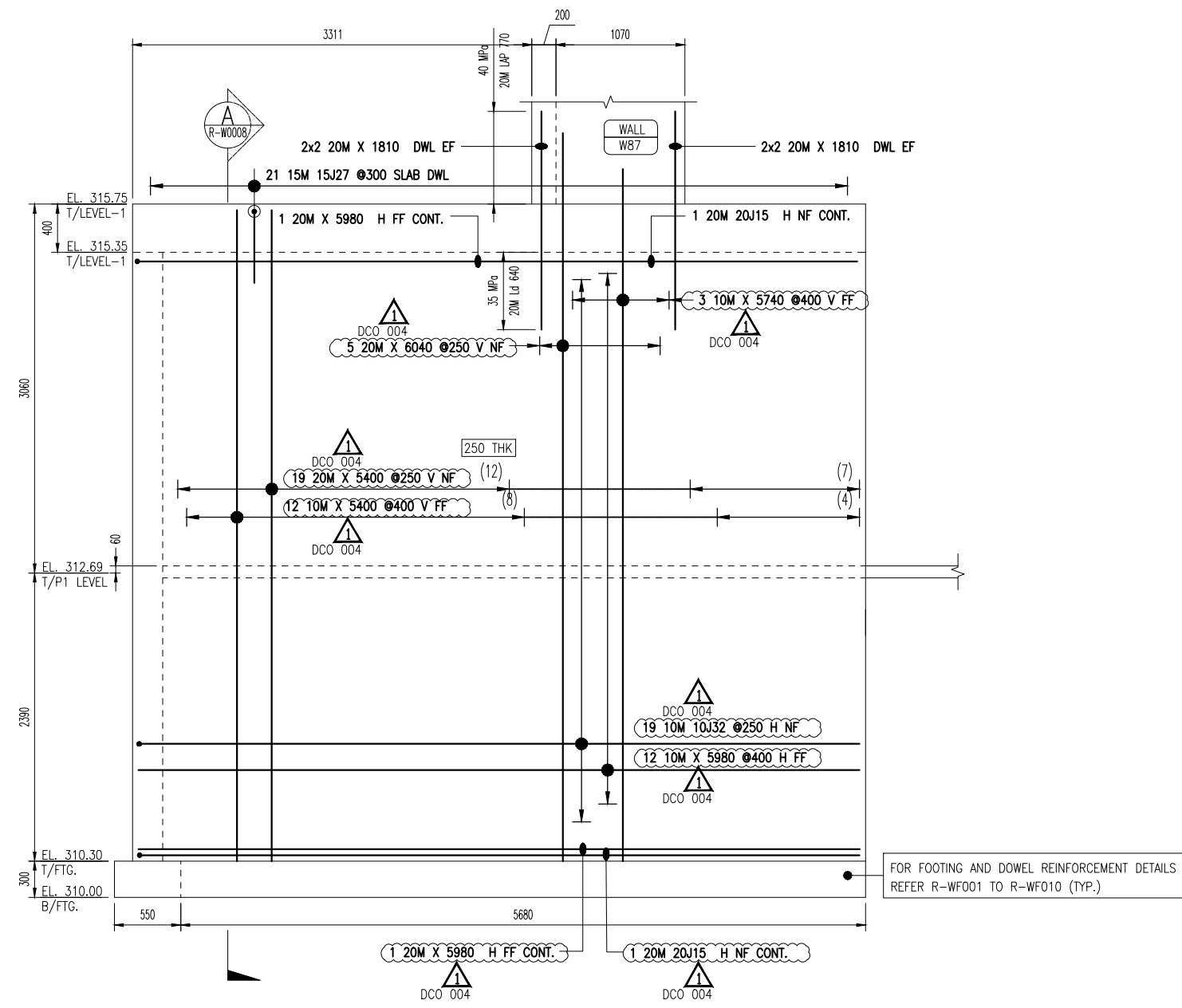


Drawing Sheet : R-W007									
Bar Mark	Qty	Size	Total Length	Type	X	Y	Y'	Y''	Y'''
10A1	18	10M	6000	17		375	5625		
10A2	11	10M	3910	17		420	3490		
10A3	18	10M	3665	17		375	3490		
15A27	144	15M	1200	17		600	600		
15A30	10	15M	1180	17	180	400	600		
20A07	3	20M	9225	17		375	8820		
20A08	1	20M	8525	17		375	8150		
20A09	1	20M	8980	17		830	8150		
20A13	1	20M	2020	17		375	1645		
20A14	1	20M	2475	17		830	1645		





1A W020-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B

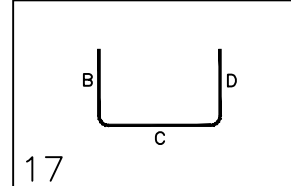


1B W020-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B & SRS-301

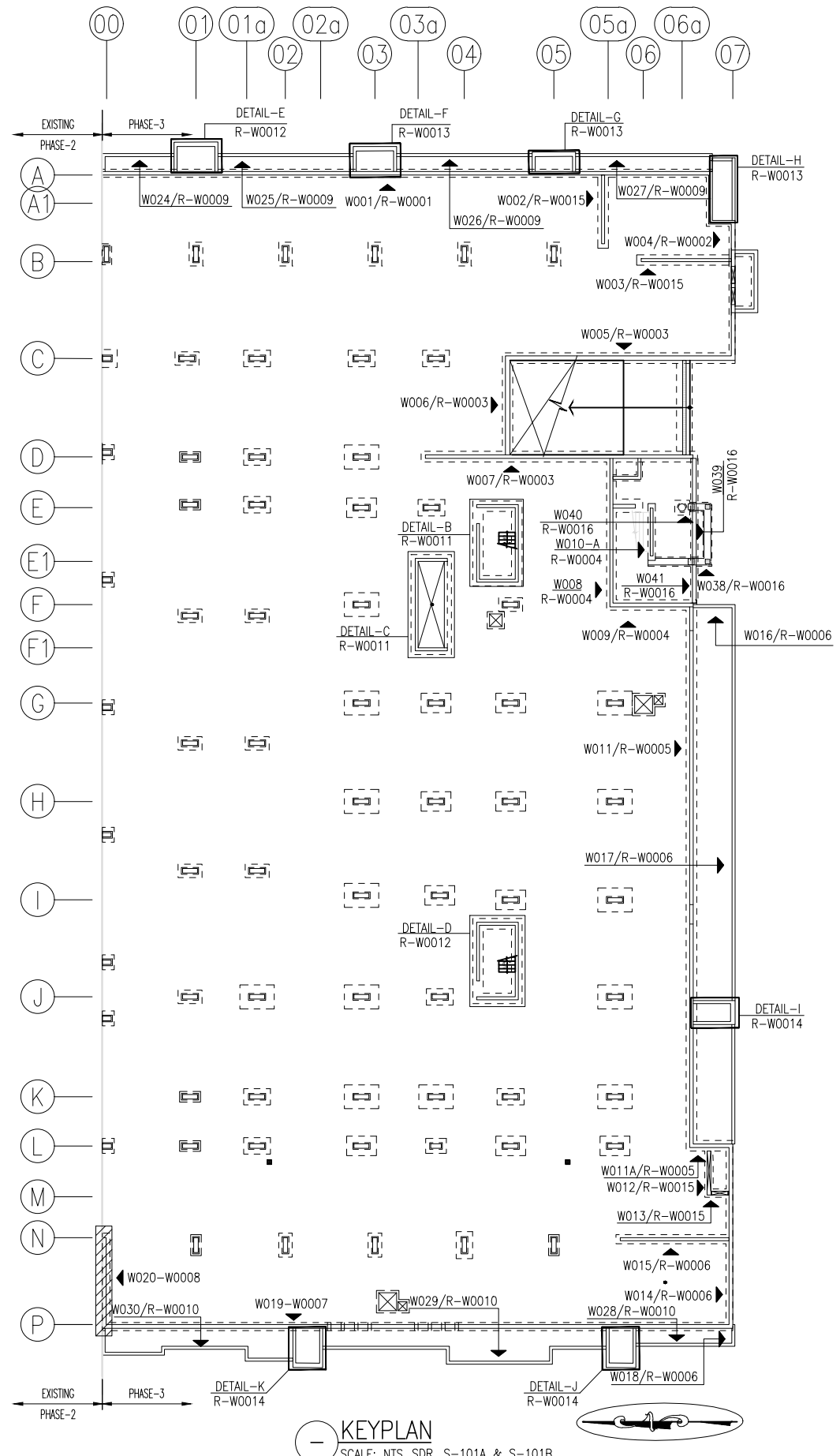
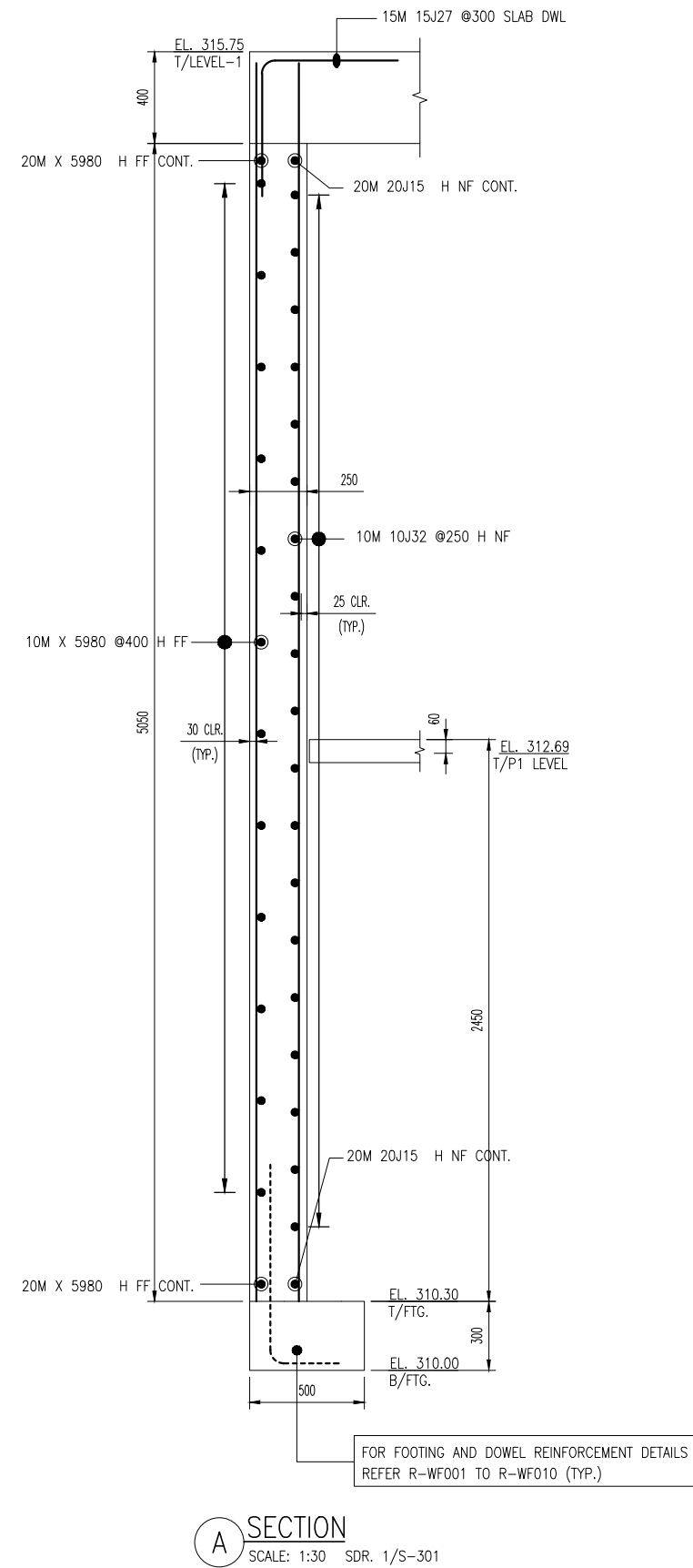
Drawing Sheet : R-W0008

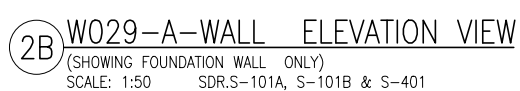
Bar Mark	Qty	Size	Total Length	Type	X	Y	C	D	E	F	G	H	I	J	K	L	M	N
1032	19	10M	6325	17			345	5980										
1507	21	15M	1200	17			600	600										
2015	2	20M	6325	17			345	5980										

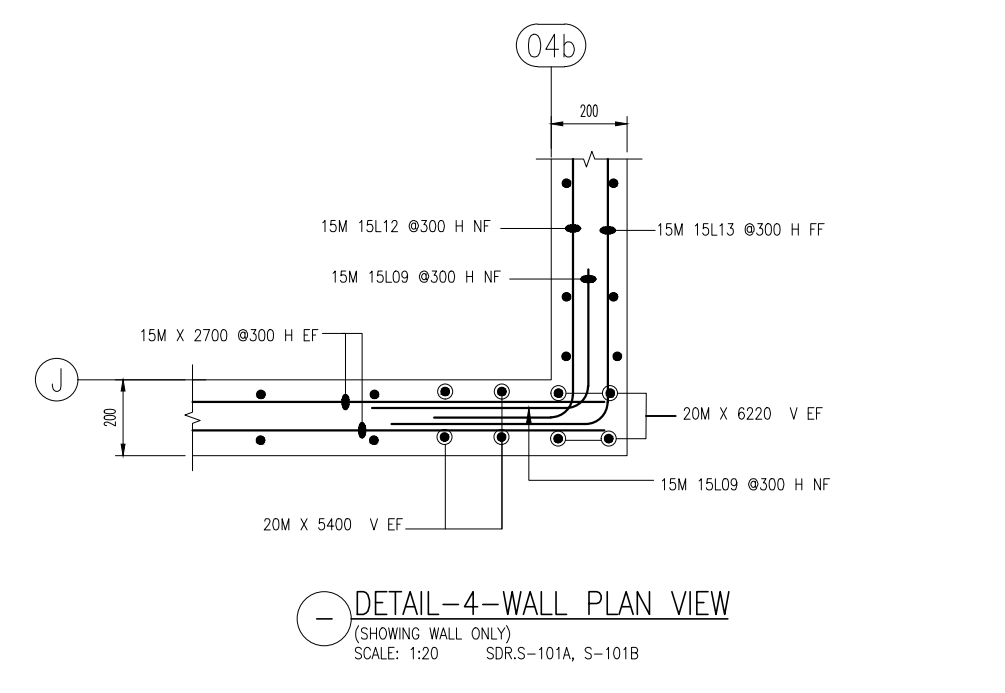
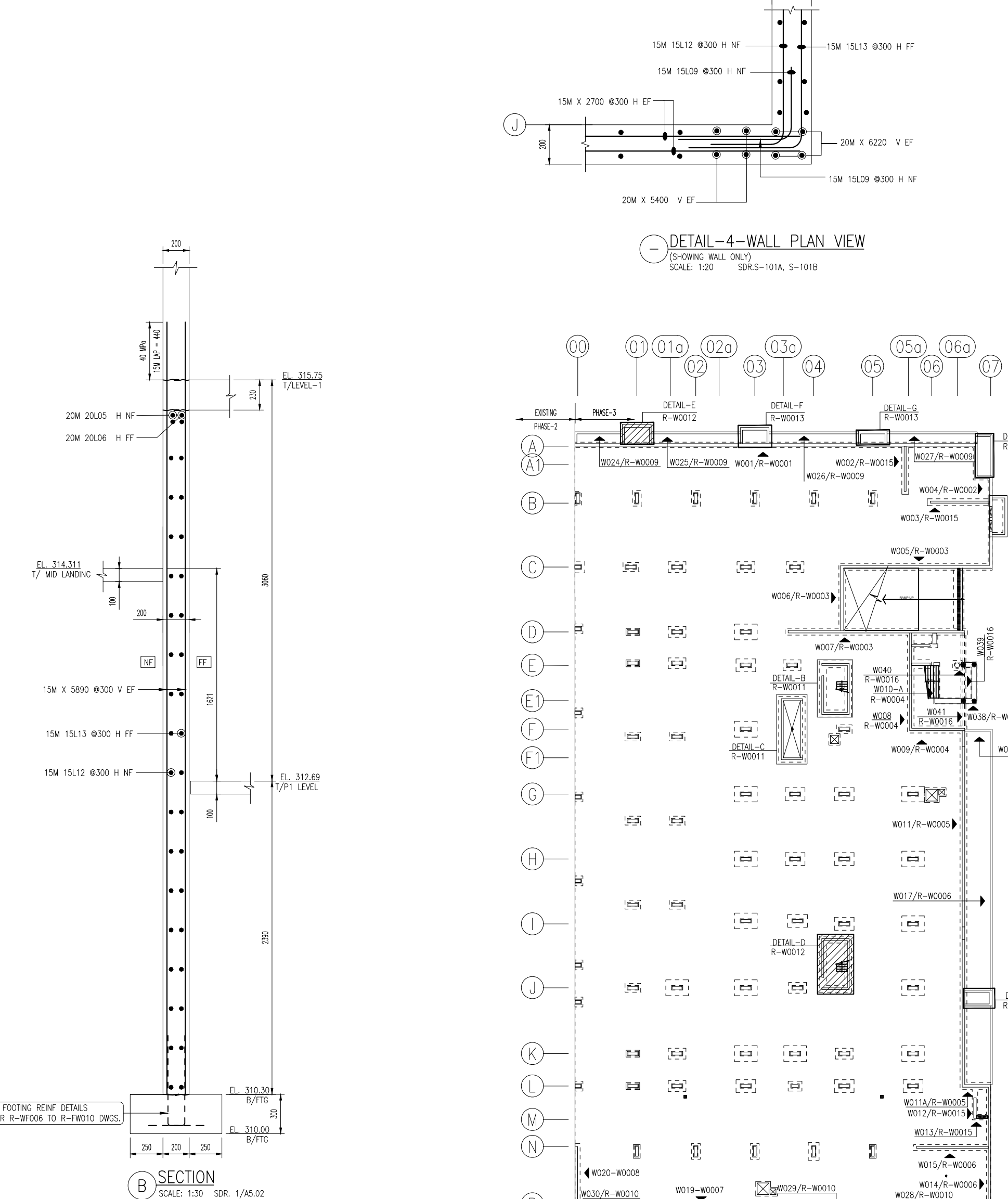
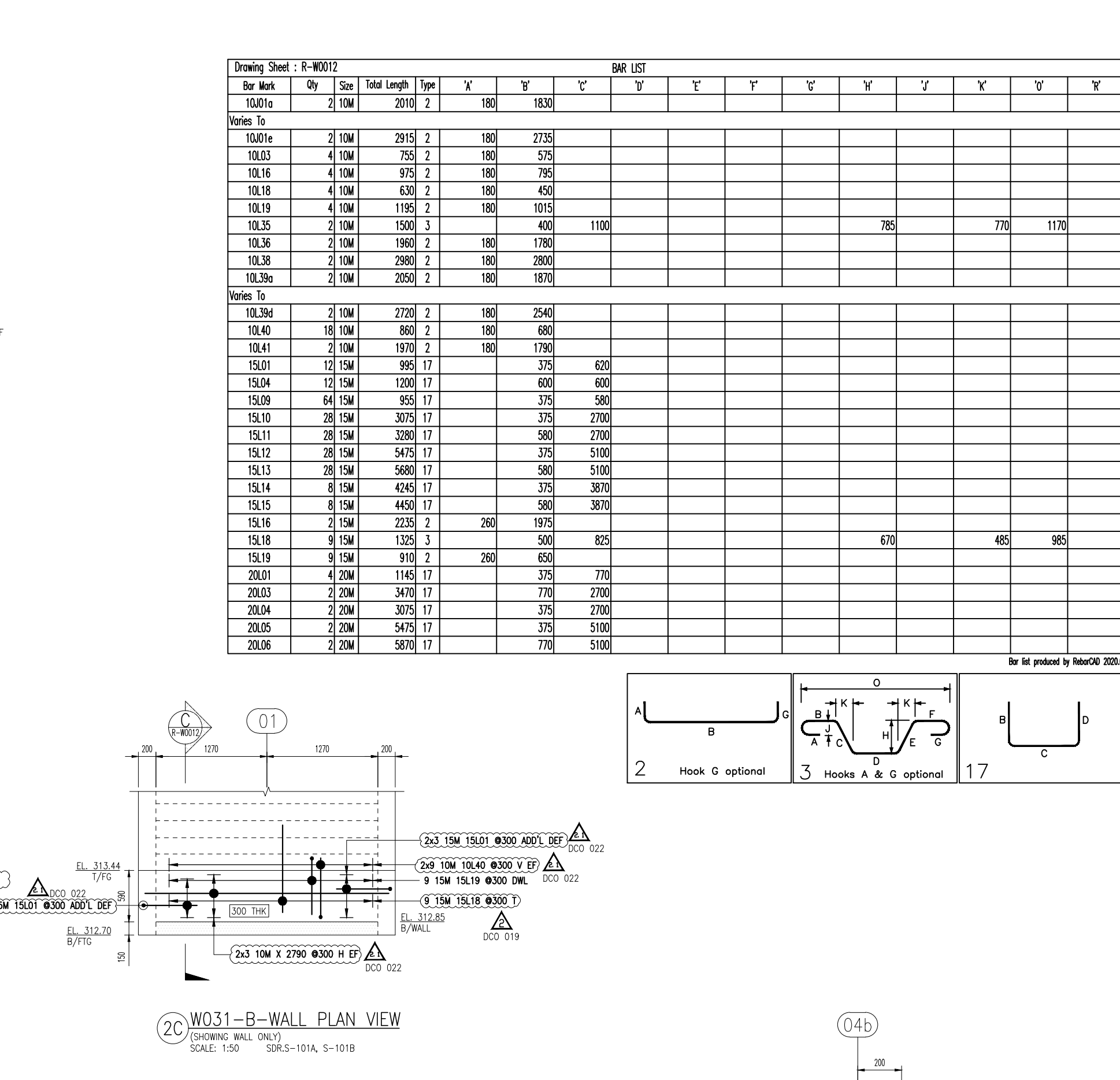
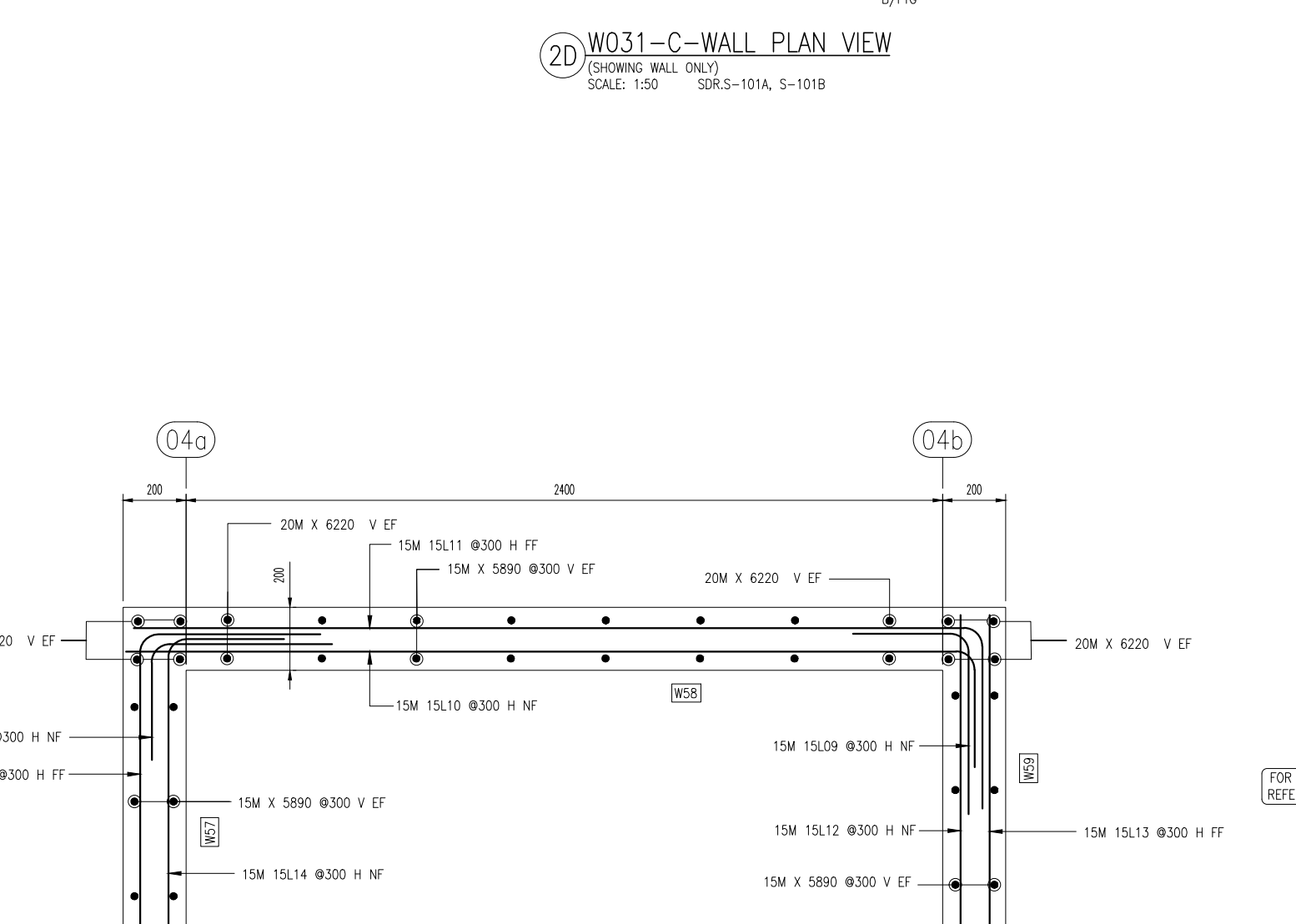
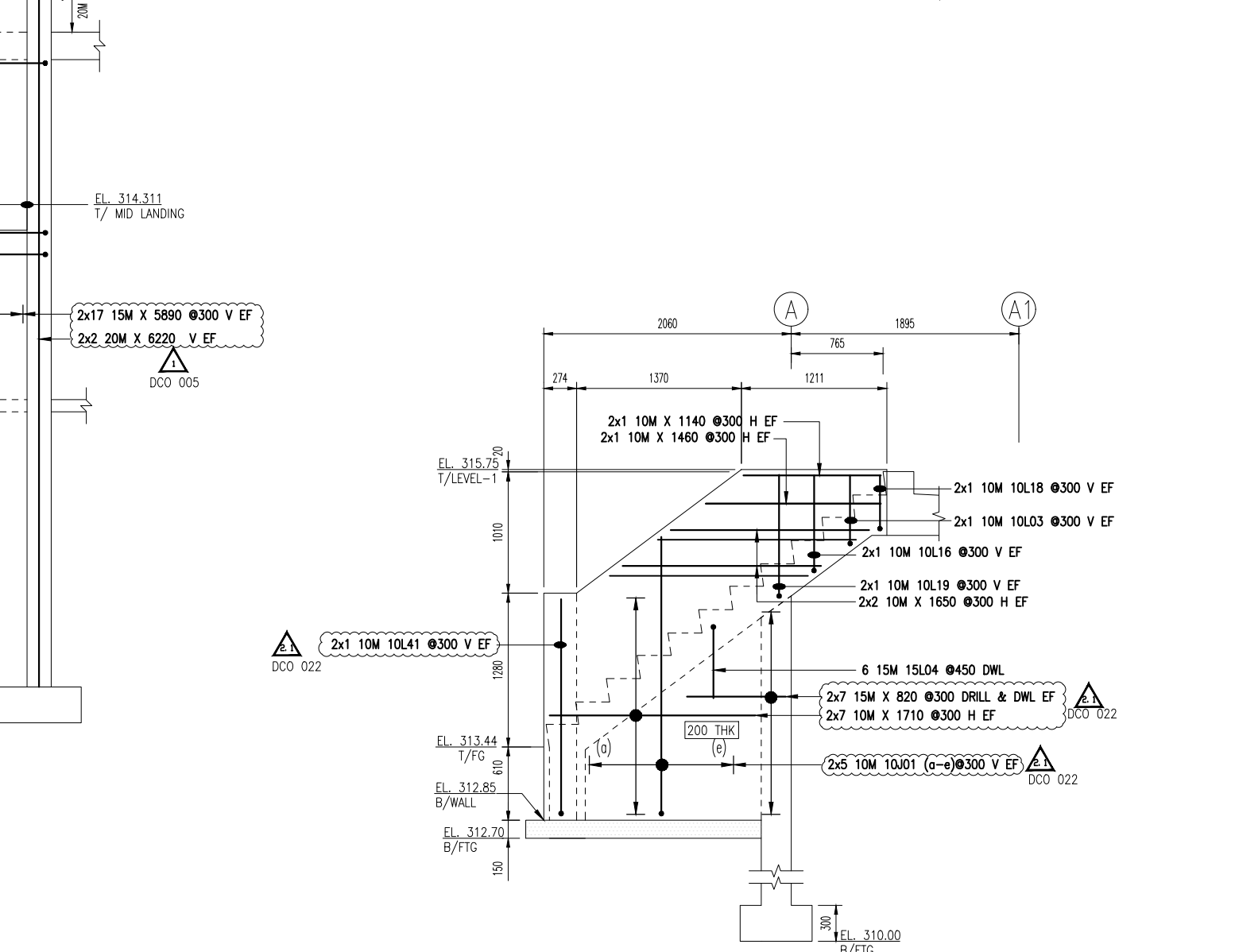
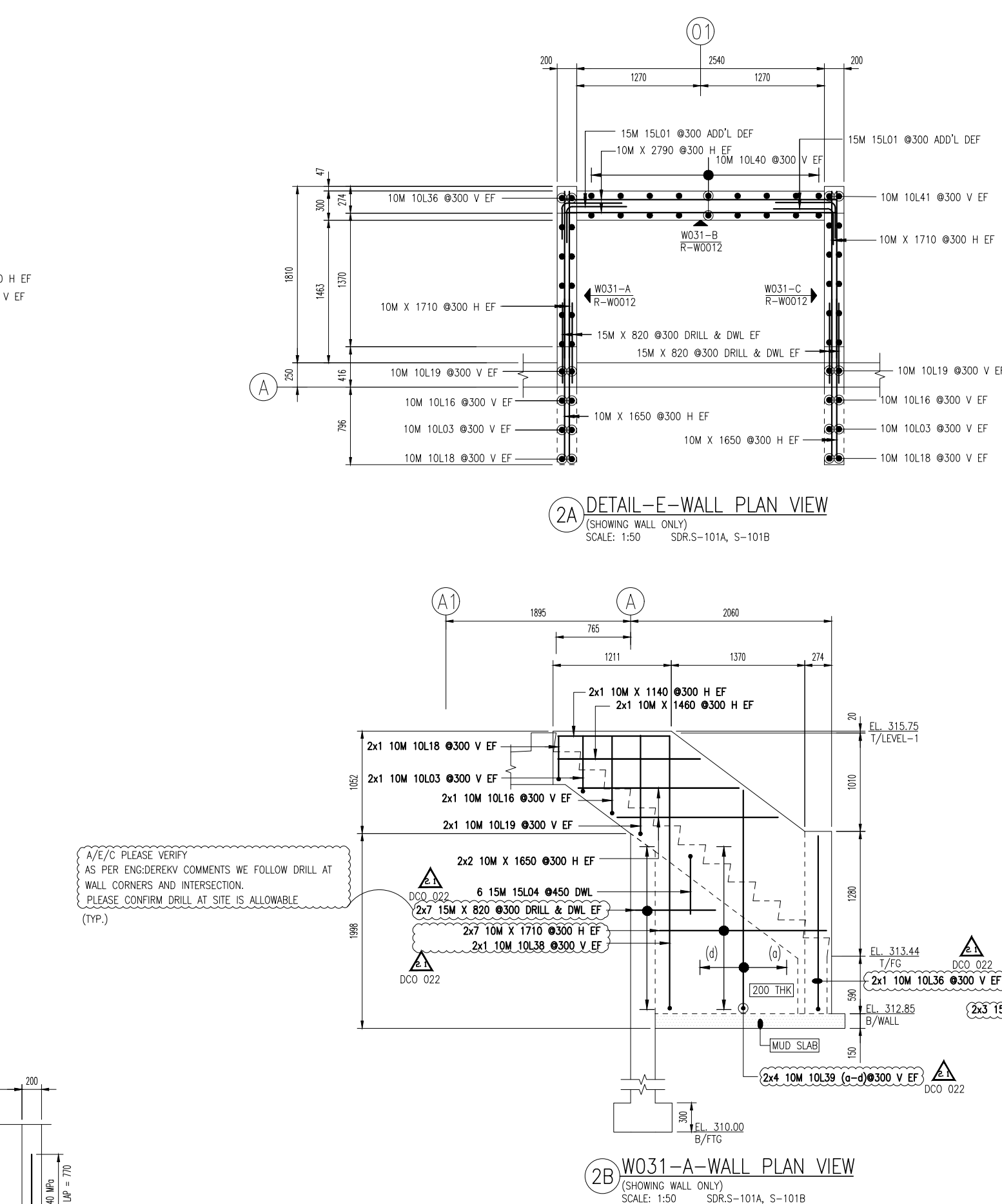
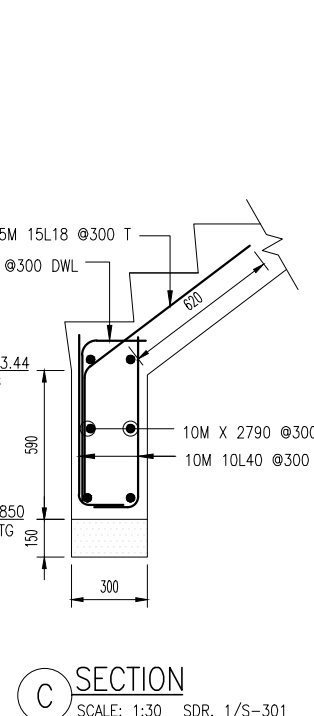
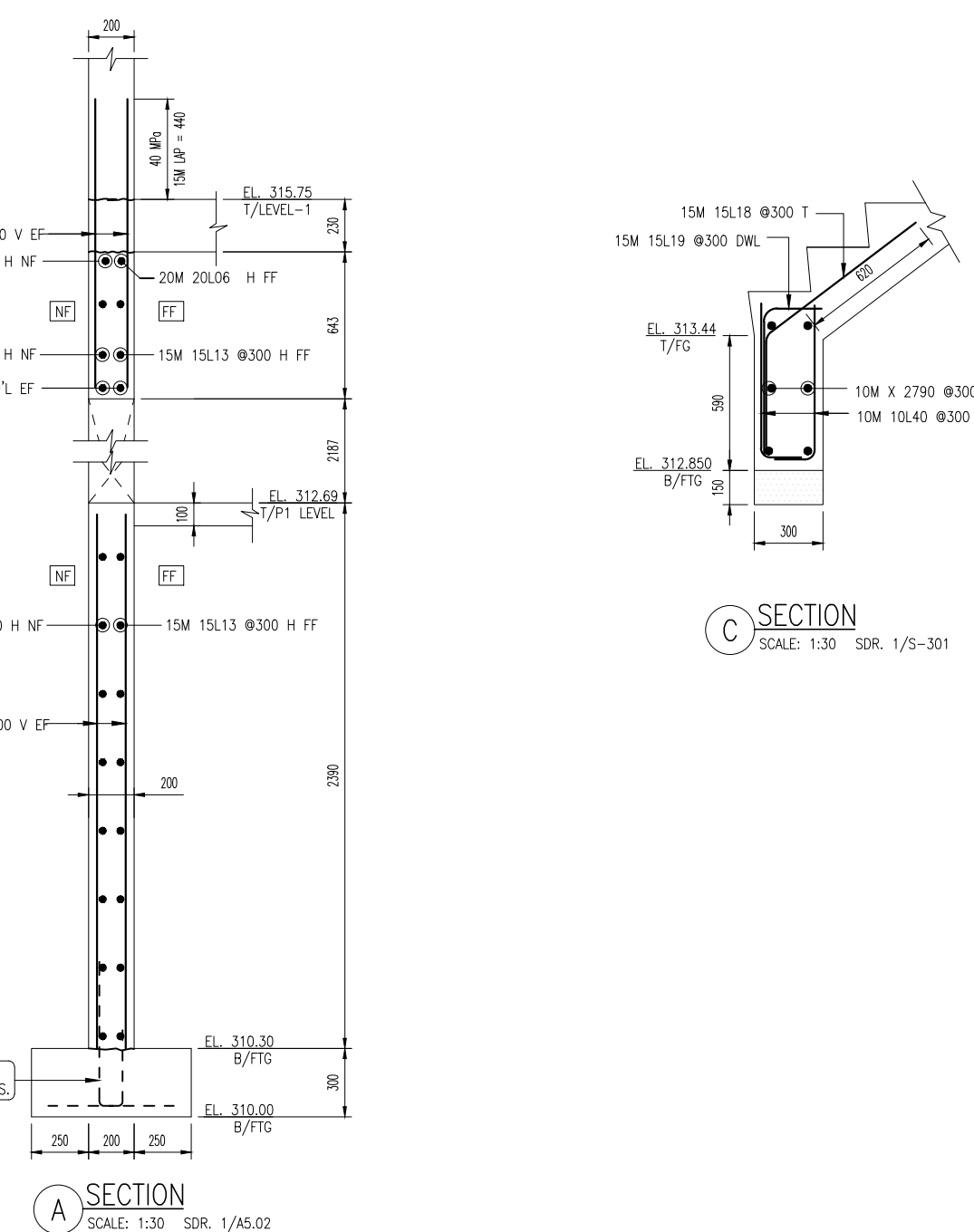
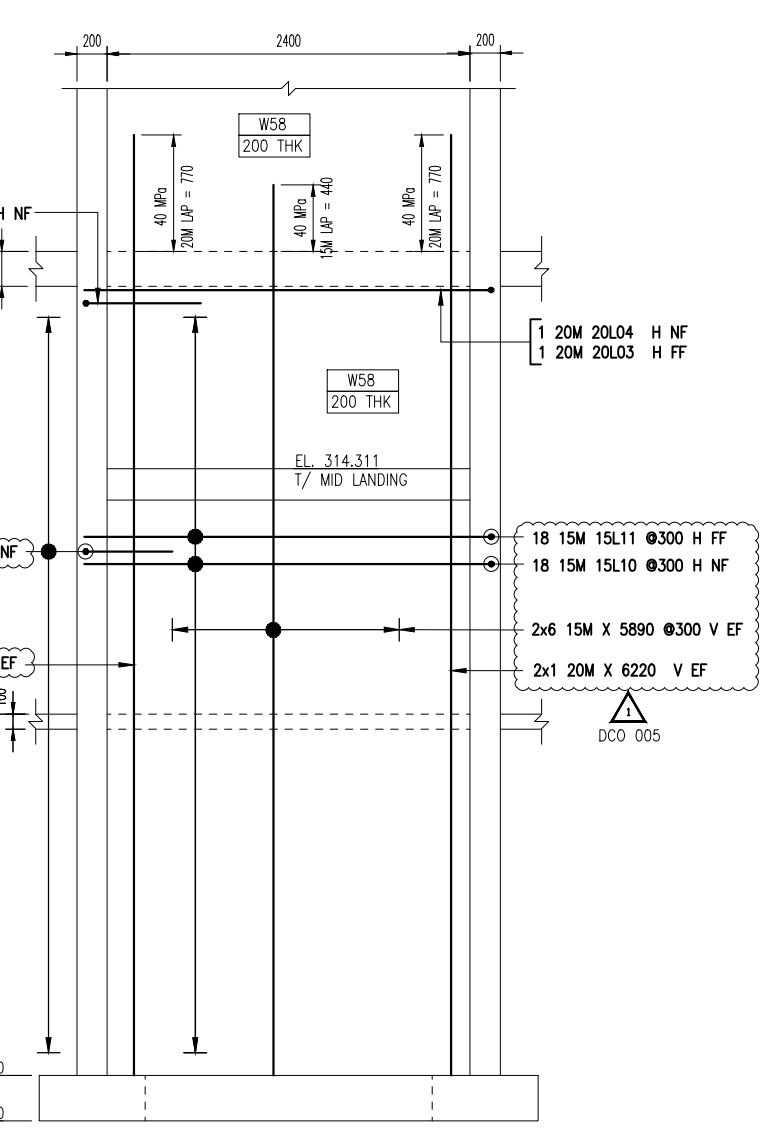
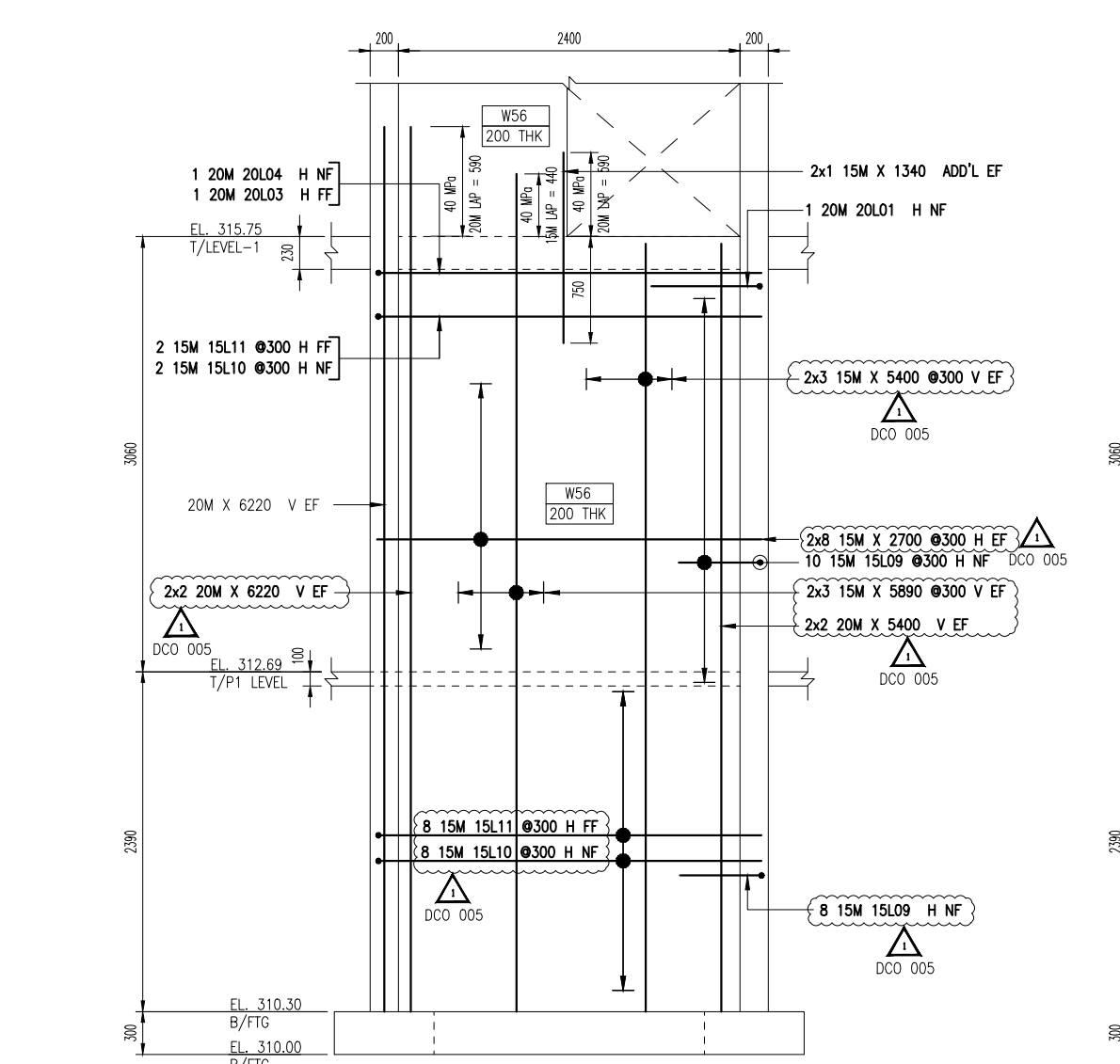
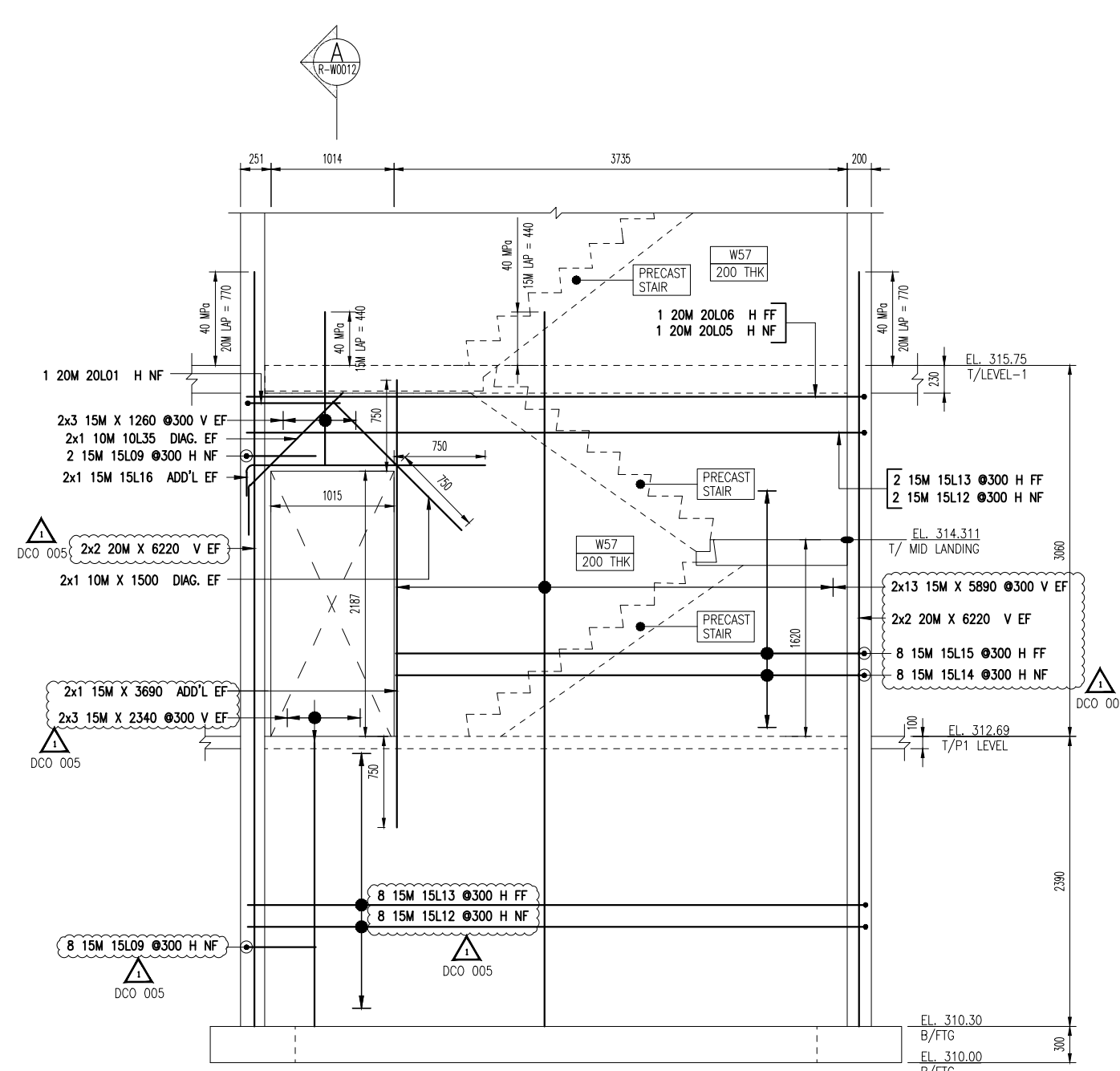
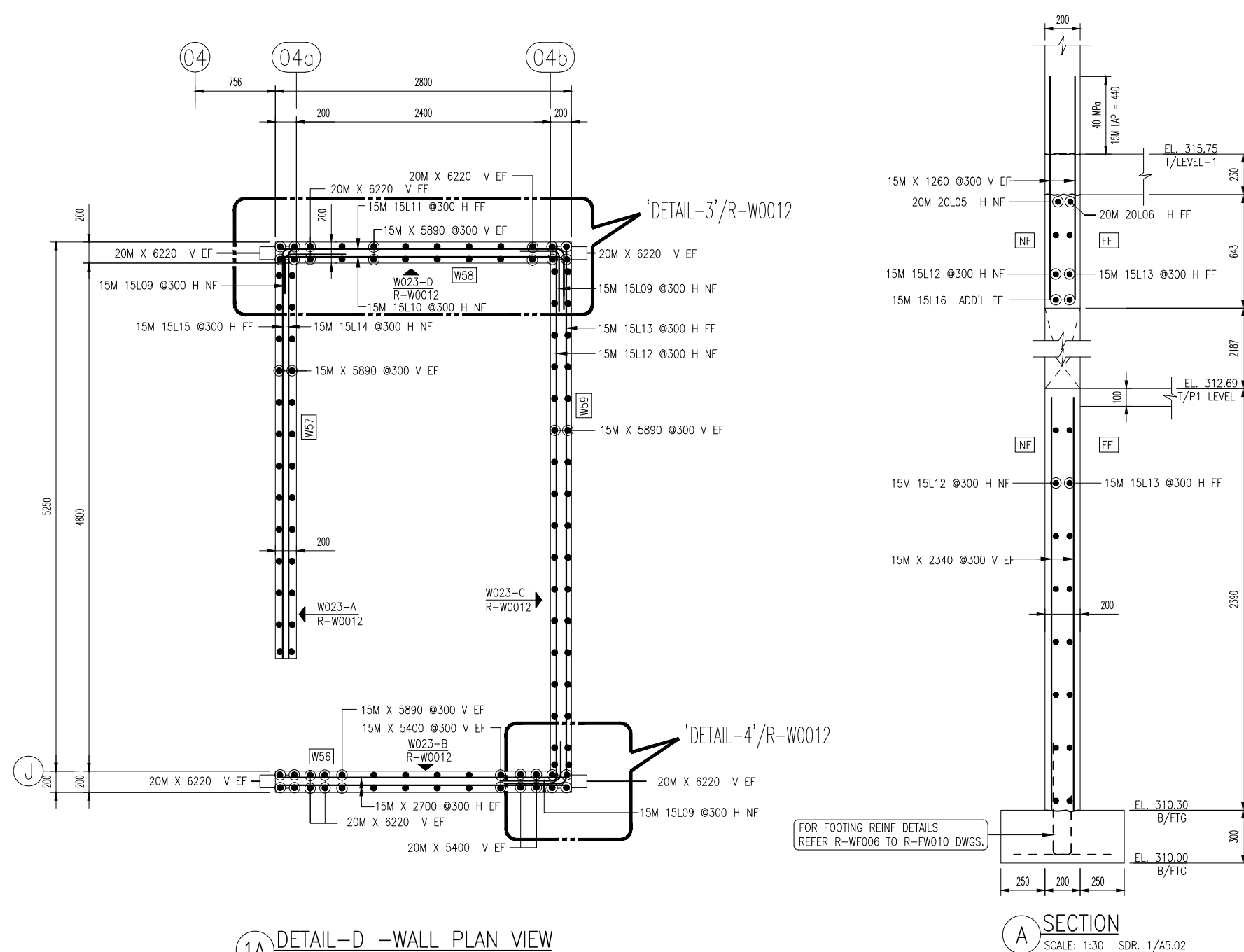
Bar list produced by RebarCAD 2008.0



DATA		BAR SIZE	10	15	20	25	30	35
$F_{yk} = 460 \text{ N/mm}^2$ $F_{td} = 40 \text{ MPa}$	TENSION	LAP SPLICE DEVELOPMENT LENGTH	420	620	830	1290	1550	1800
		LAP SPLICE DEVELOPMENT LENGTH	320	480	640	990	1190	1390
	COMPRESSION	LAP SPLICE DEVELOPMENT LENGTH	300	440	590	730	880	1030
		LAP SPLICE DEVELOPMENT LENGTH	200	280	350	440	530	630
$F_{yk} = 500 \text{ N/mm}^2$ $F_{td} = 40 \text{ MPa}$	TENSION	LAP SPLICE DEVELOPMENT LENGTH	390	580	770	1210	1450	1690
		LAP SPLICE DEVELOPMENT LENGTH	300	450	600	930	1110	1300
	COMPRESSION	LAP SPLICE DEVELOPMENT LENGTH	300	440	590	730	880	1030
		LAP SPLICE DEVELOPMENT LENGTH	200	280	350	440	530	630



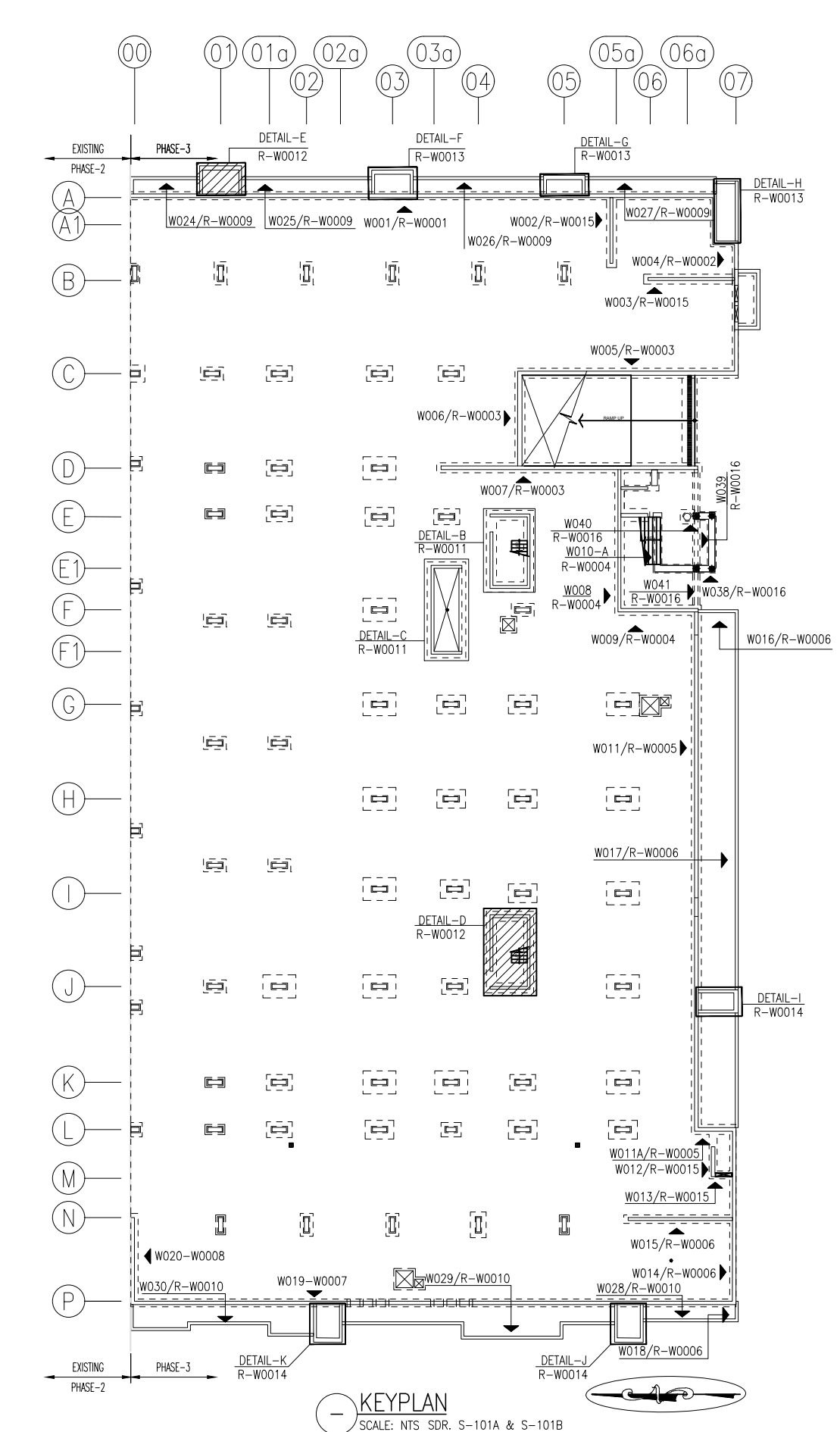


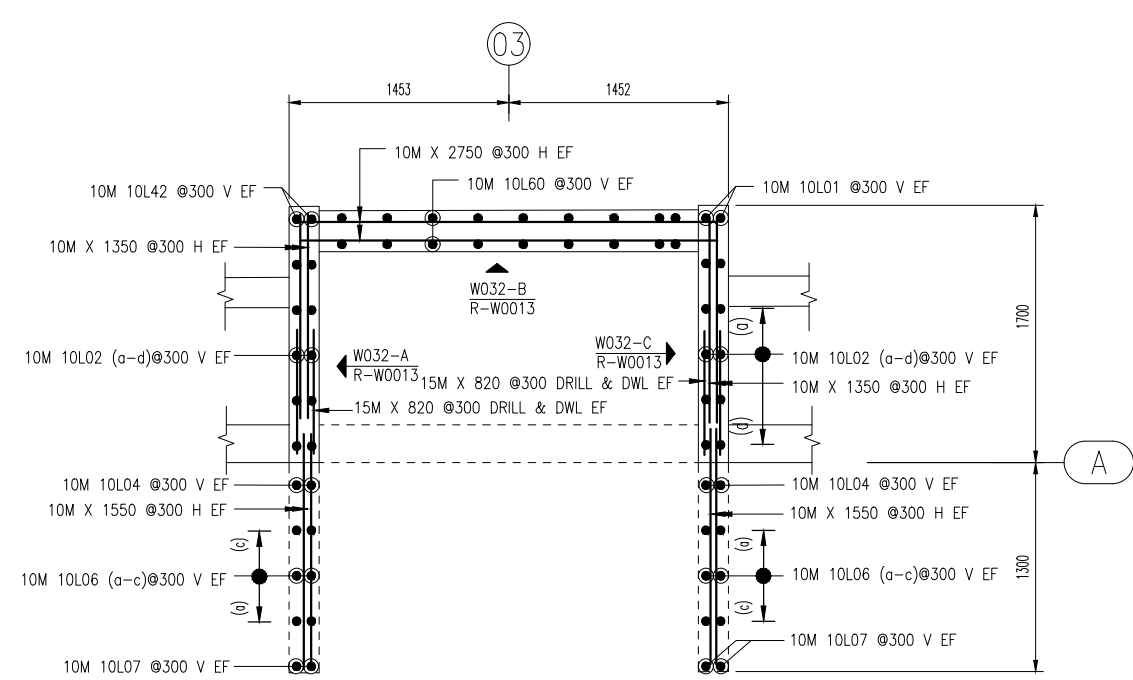


Drawing Sheet : R-W0012

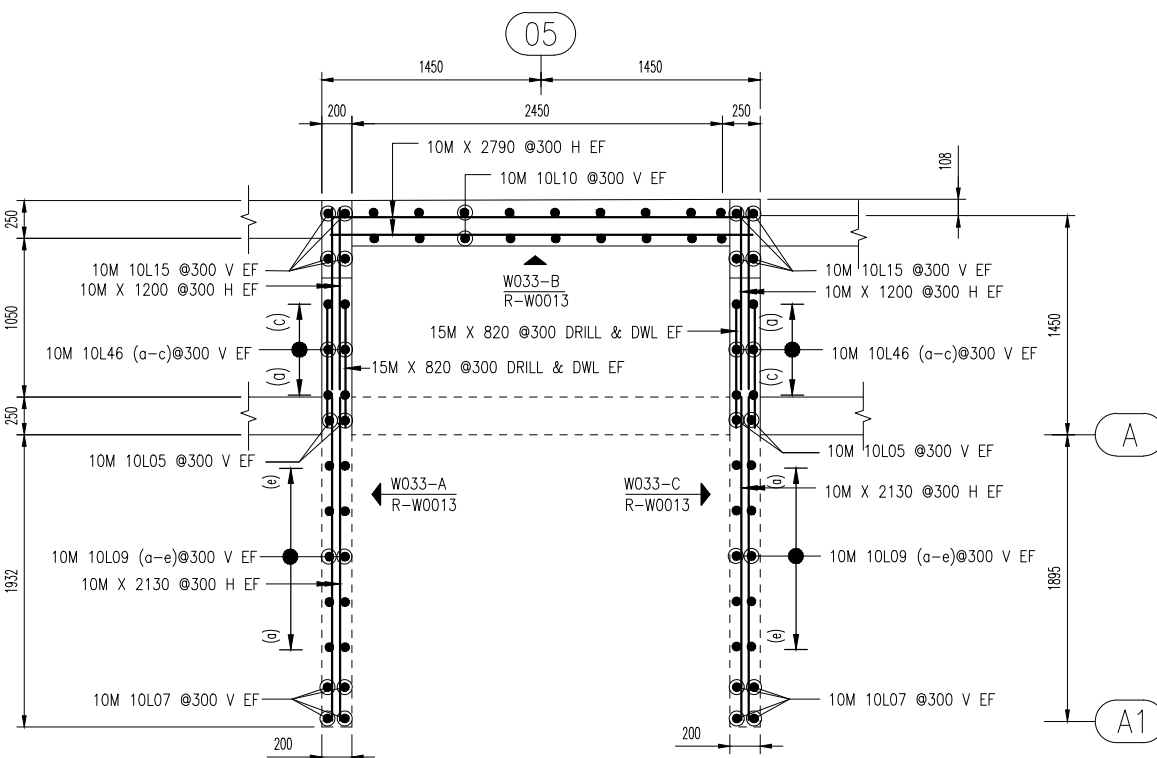
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	W'	H'	W'	H'	W'	H'	W'	H'	W'	H'
10010a	2	10M	2010	2	180	1830										
Varies To																
10010e	2	10M	2915	2	180	2735										
10L03	4	10M	755	2	180	575										
10L16	4	10M	975	2	180	795										
10L18	4	10M	630	2	180	450										
10L19	4	10M	1195	2	180	1015										
10L35	2	10M	1500	3		400	1100							785	770	1170
10L36	2	10M	1960	2	180	1780										
10L38	2	10M	2980	2	180	2800										
10L39	2	10M	2050	2	180	1870										
Varies To																
10L39d	2	10M	2720	2	180	2540										
10L40	16	10M	860	2	180	680										
10L41	2	10M	1970	2	180	1790										
15L01	12	15M	995	17		375	620									
15L04	12	15M	1200	17		600	600									
15L09	64	15M	655	17		375	500									
15L10	28	15M	3075	17		375	2700									
15L11	28	15M	3280	17		580	2700									
15L12	28	15M	5475	17		375	5100									
15L13	28	15M	5680	17		580	5100									
15L14	8	15M	4245	17		375	3870									
15L15	8	15M	4450	17		580	3870									
15L16	2	15M	2235	2	260	1075	825							670	485	985
15L18	8	15M	1325	3		500	825									
15L19	9	15M	910	2	260	650										
20L01	4	20M	1145	17		375	770									
20L03	2	20M	3470	17		770	2700									
20L04	2	20M	3075	17		375	2700									
20L05	2	20M	5475	17		375	5100									
20L06	2	20M	5820	17		770	5100									

Bar list produced by InterCAD 2020

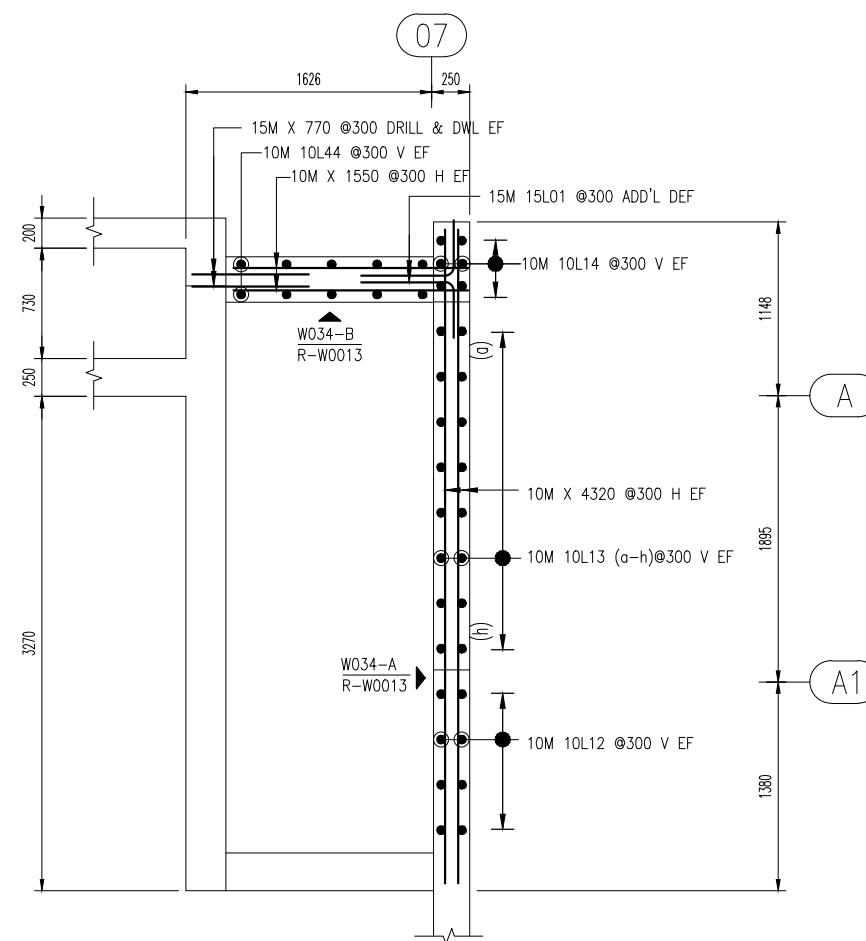




1A DETAIL-F-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



2A DETAIL-G-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B

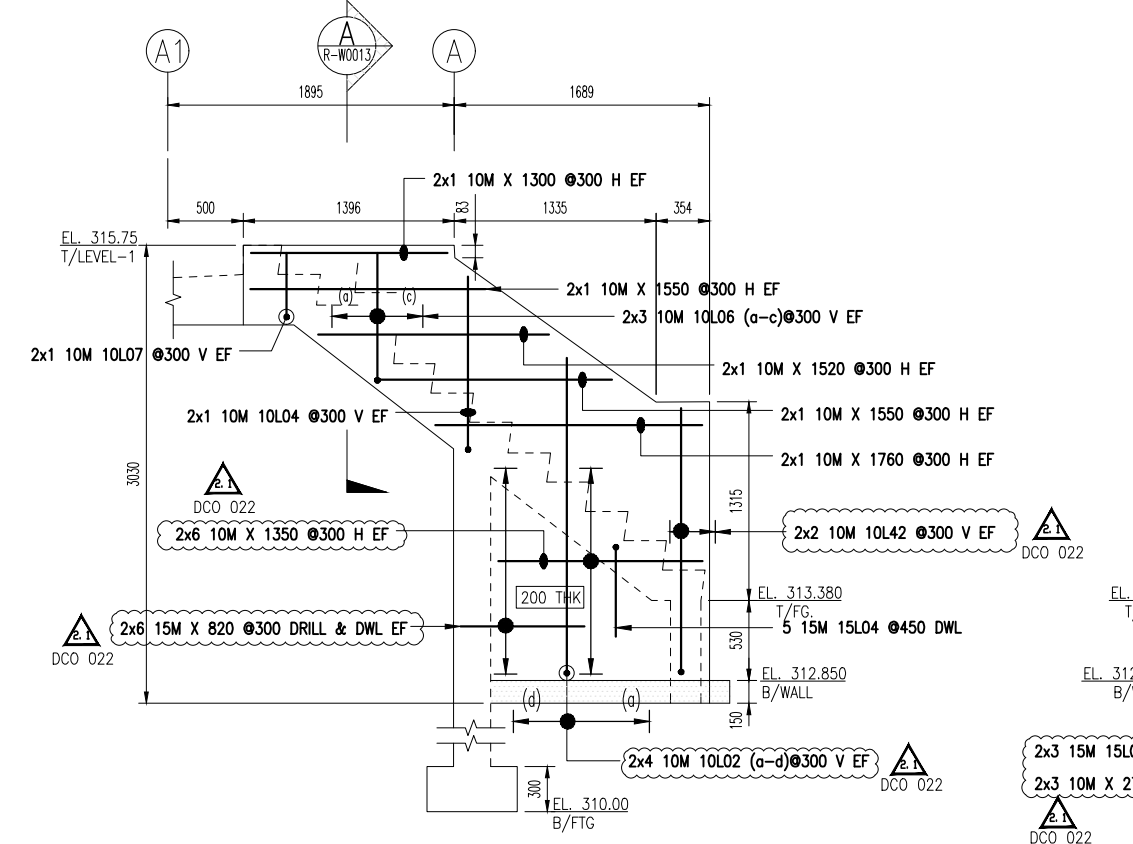
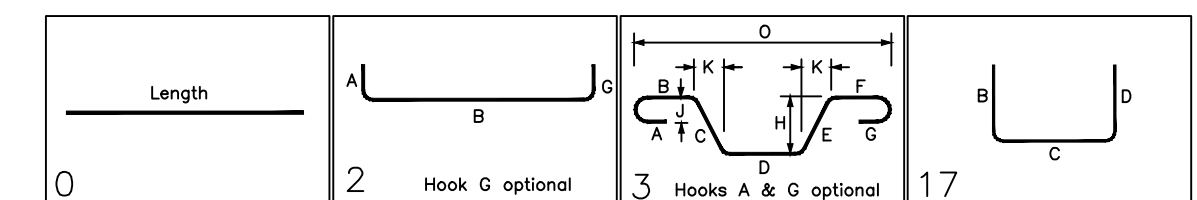


3A DETAIL-H-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B

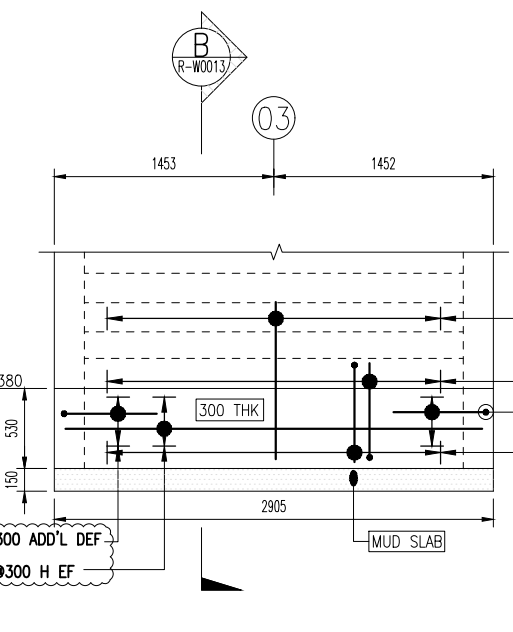
Drawing Sheet : R-W0014

Bar Mark	Qty	Size	Total Length	Type	X'	Y'	BAR LIST									
							X'	Y'	X'	Y'	X'	Y'	X'	Y'	X'	Y'
10L21	14	10M	3680	2	180	3680										
10L22	4	10M	4360	2	180	4180										
10L23a	4	10M	4500	2	180	4320										
Varies To																
10L23b	4	10M	5900	2	180	5720										
10L24a	8	10M	690			690										
Varies To																
10L24b	8	10M	1850			1850										
10L25	8	10M	5970	2	180	5790										
10L27	14	10M	3985	2	180	3815										
10L28	4	10M	4400	2	180	4220										
10L29a	14	10M	4500	2	180	4340										
Varies To																
10L29b	4	10M	5915	2	180	5735										
10L30	8	10M	5025	2	180	4845										
10L31	10	10M	3120	2	180	2940										
10L32a	4	10M	840			840										
Varies To																
10L32b	4	10M	1990			1990										
10L34	4	10M	3670	2	180	3690										
10L48	8	10M	6010	2	180	5830										
10L57	2	10M	3845	2	180	3665										
10L58	8	10M	5010	2	180	4830										
10L59a	2	10M	3715	2	180	3535										
Varies To																
10L59b	2	10M	4655	2	180	4475										
10L61a	2	10M	4050	2	180	3870										
Varies To																
10L61b	2	10M	4755	2	180	4575										
15L01	144	15M	995	17		375	620									
15L02	19	15M	860	2	260	600										
15L04	38	15M	1200	17		600	600									
15L26	14	15M	1470	3		585	885									
15L28	5	15M	1450	3		585	885									

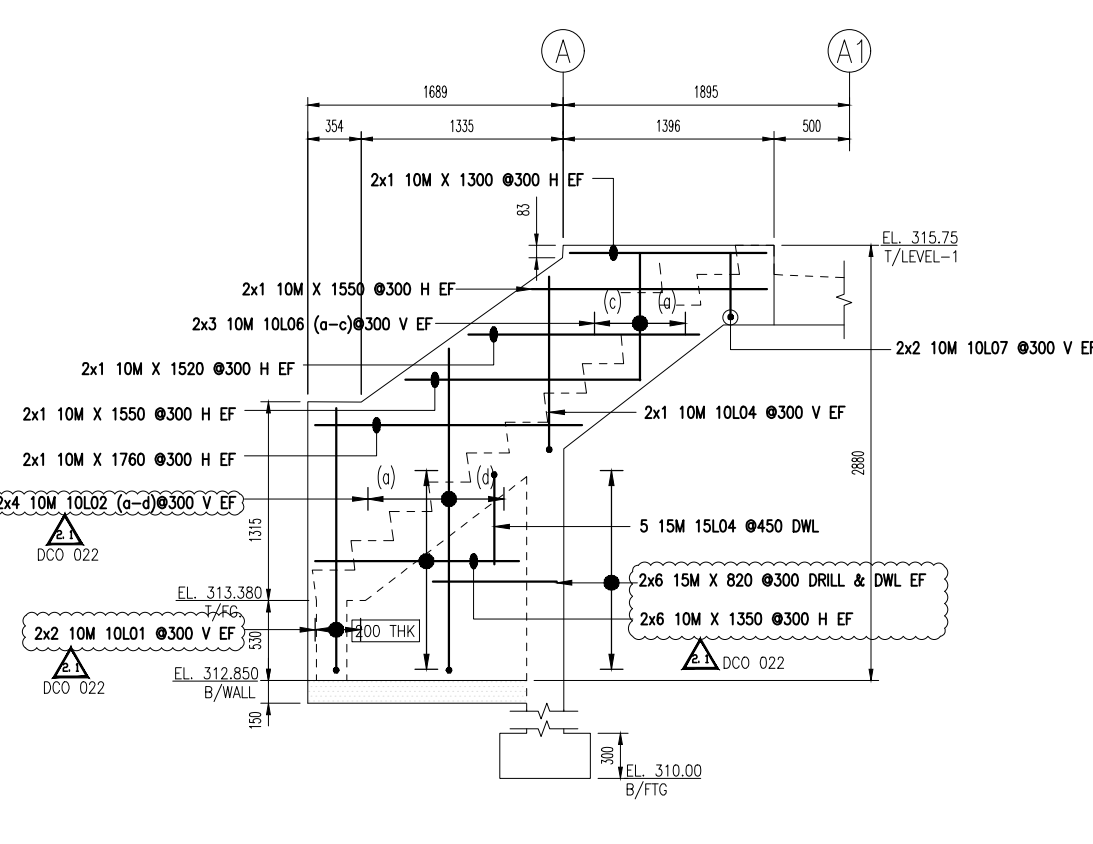
Do not produce by AutoCAD 2020



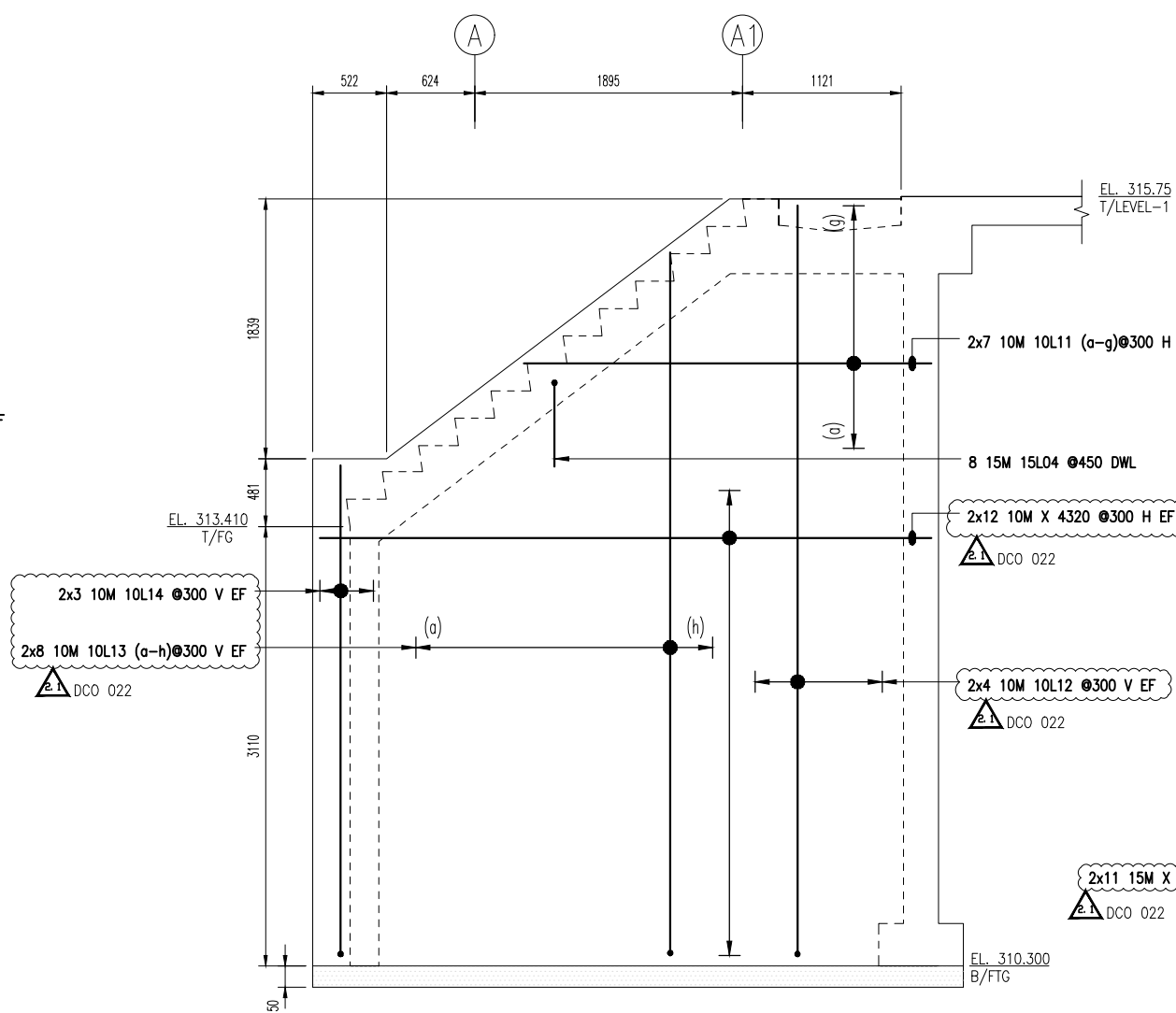
1B W032-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



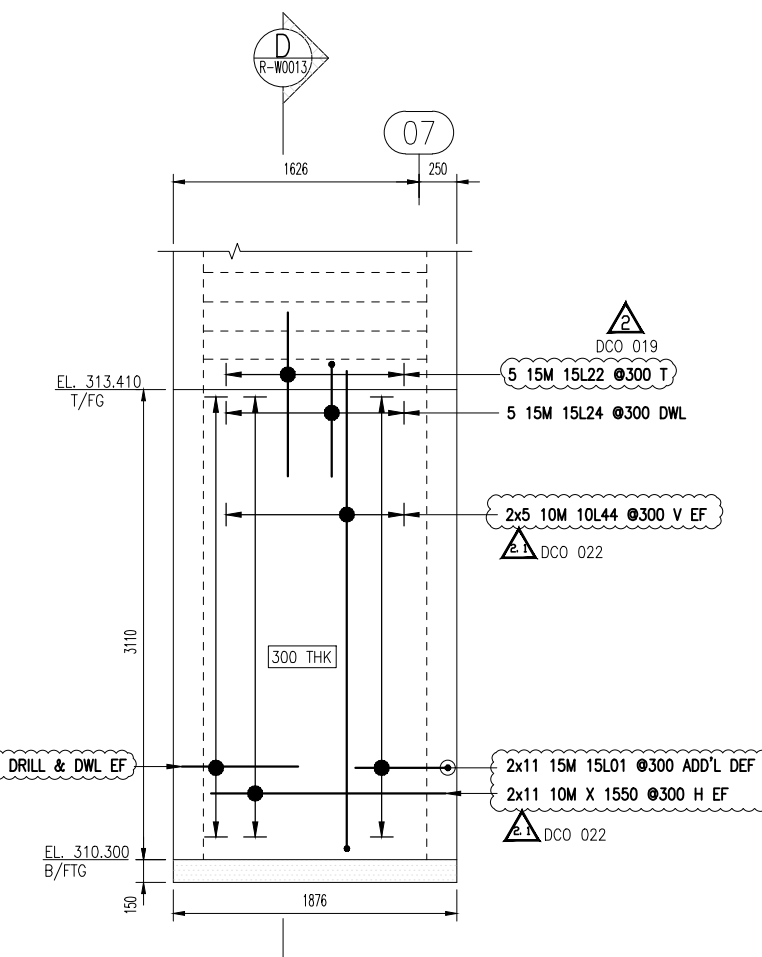
1C W032-B-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



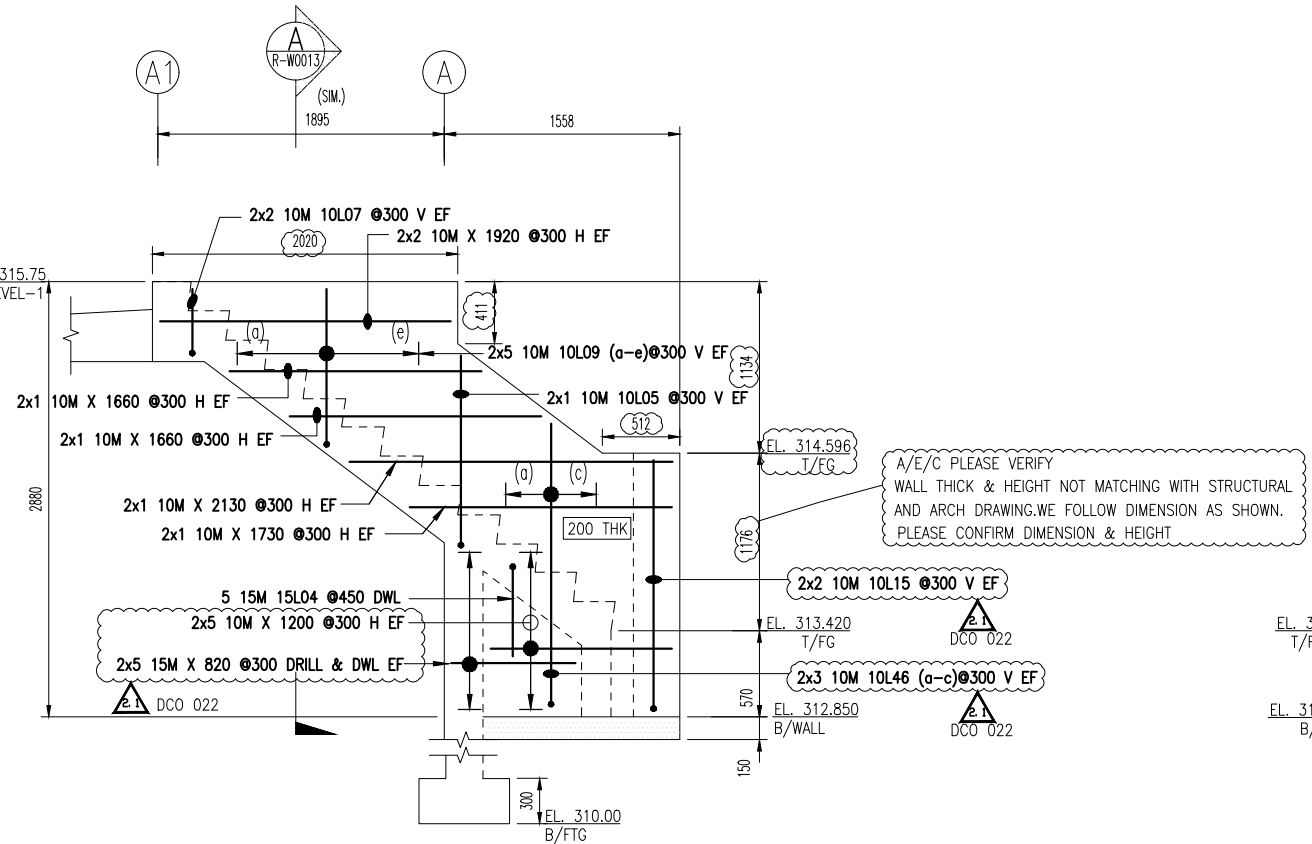
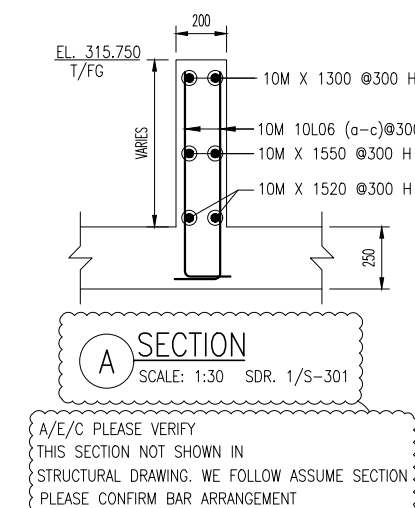
1D W032-C-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



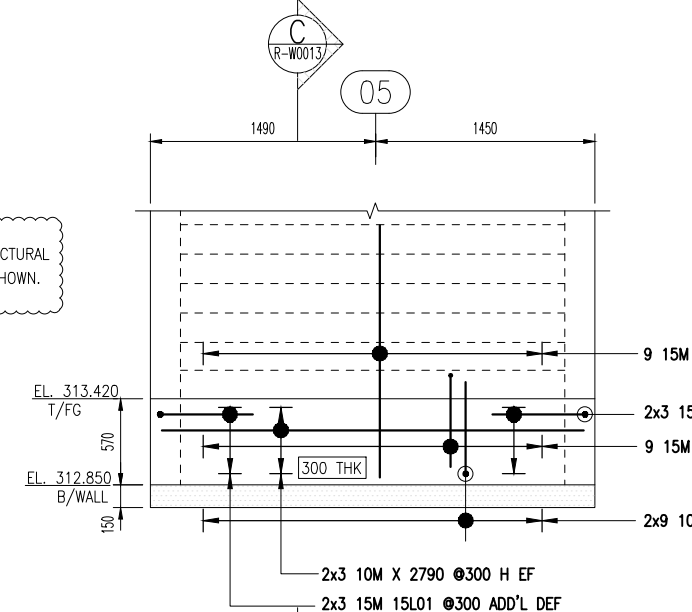
3B W034-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



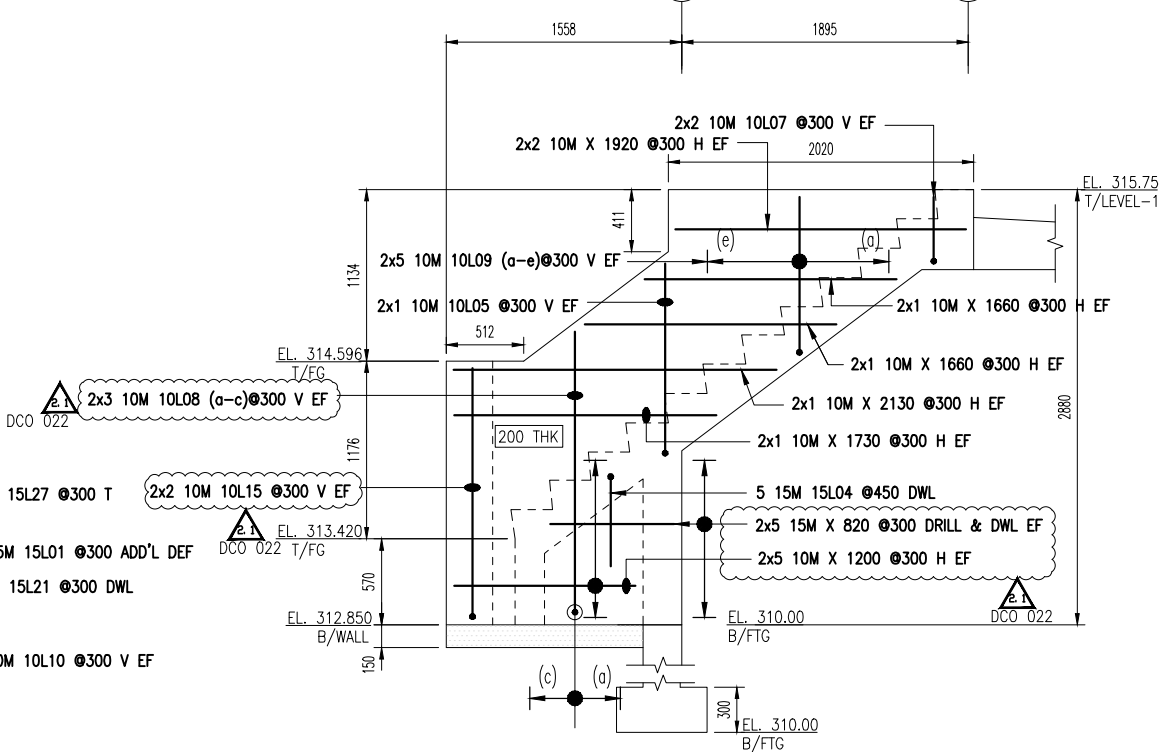
3C W034-B-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



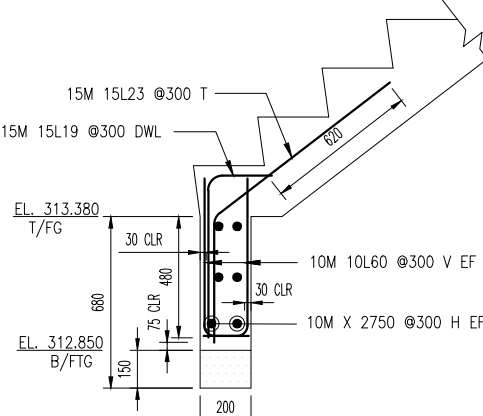
2B W033-A-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



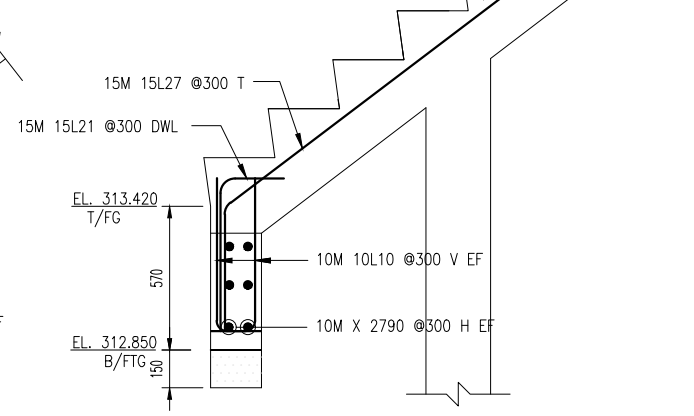
2C W033-B-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



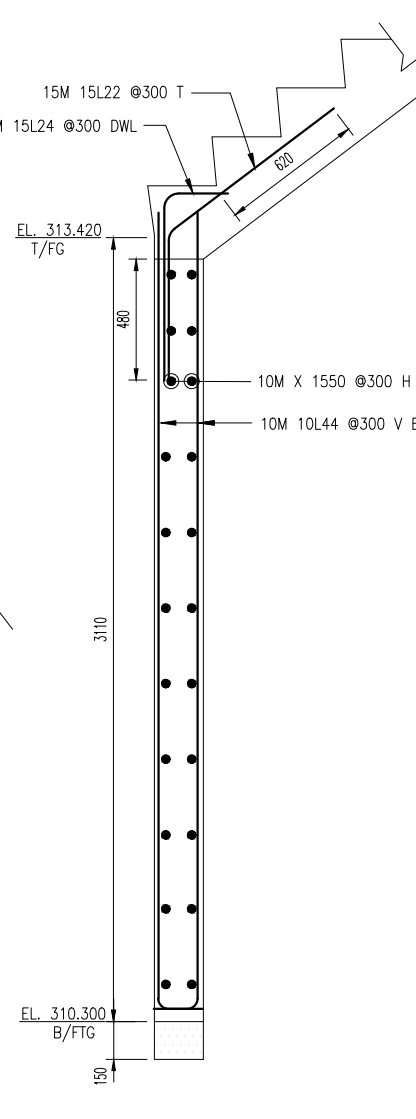
2D W033-C-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-101A, S-101B



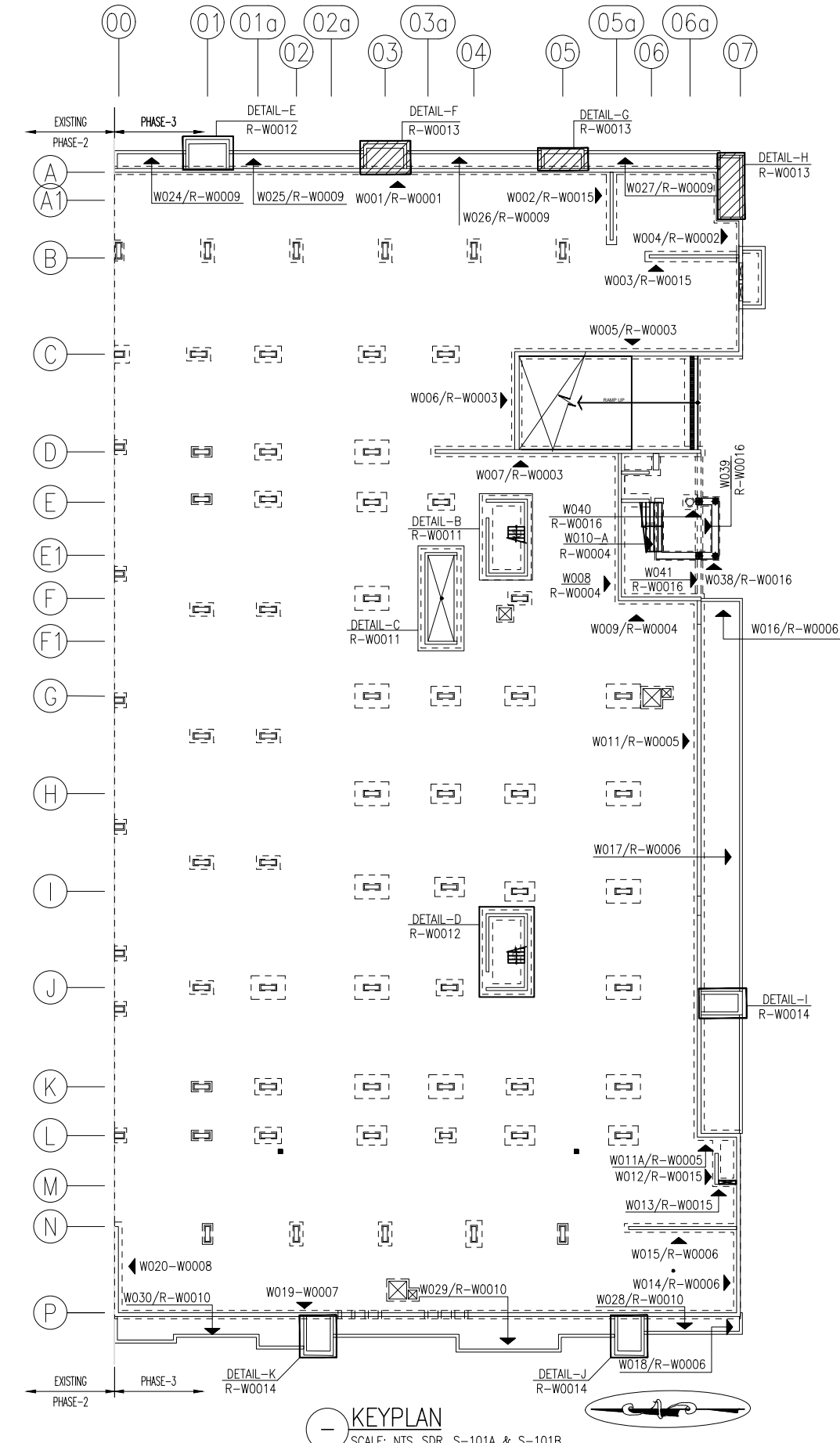
B SECTION
SCALE: 1:30 SRS-101A, S-101B



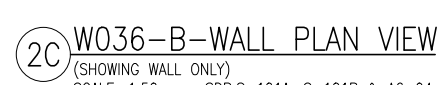
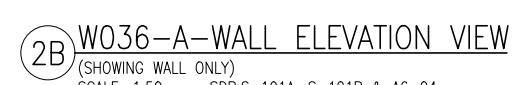
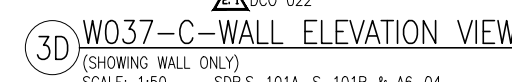
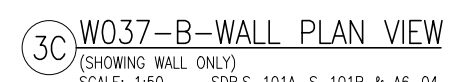
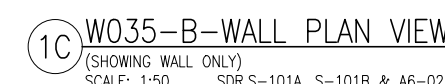
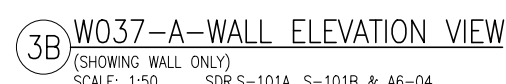
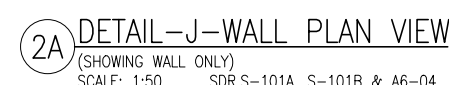
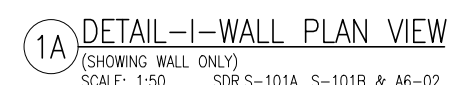
C SECTION
SCALE: 1:30 SRS-101A, S-101B



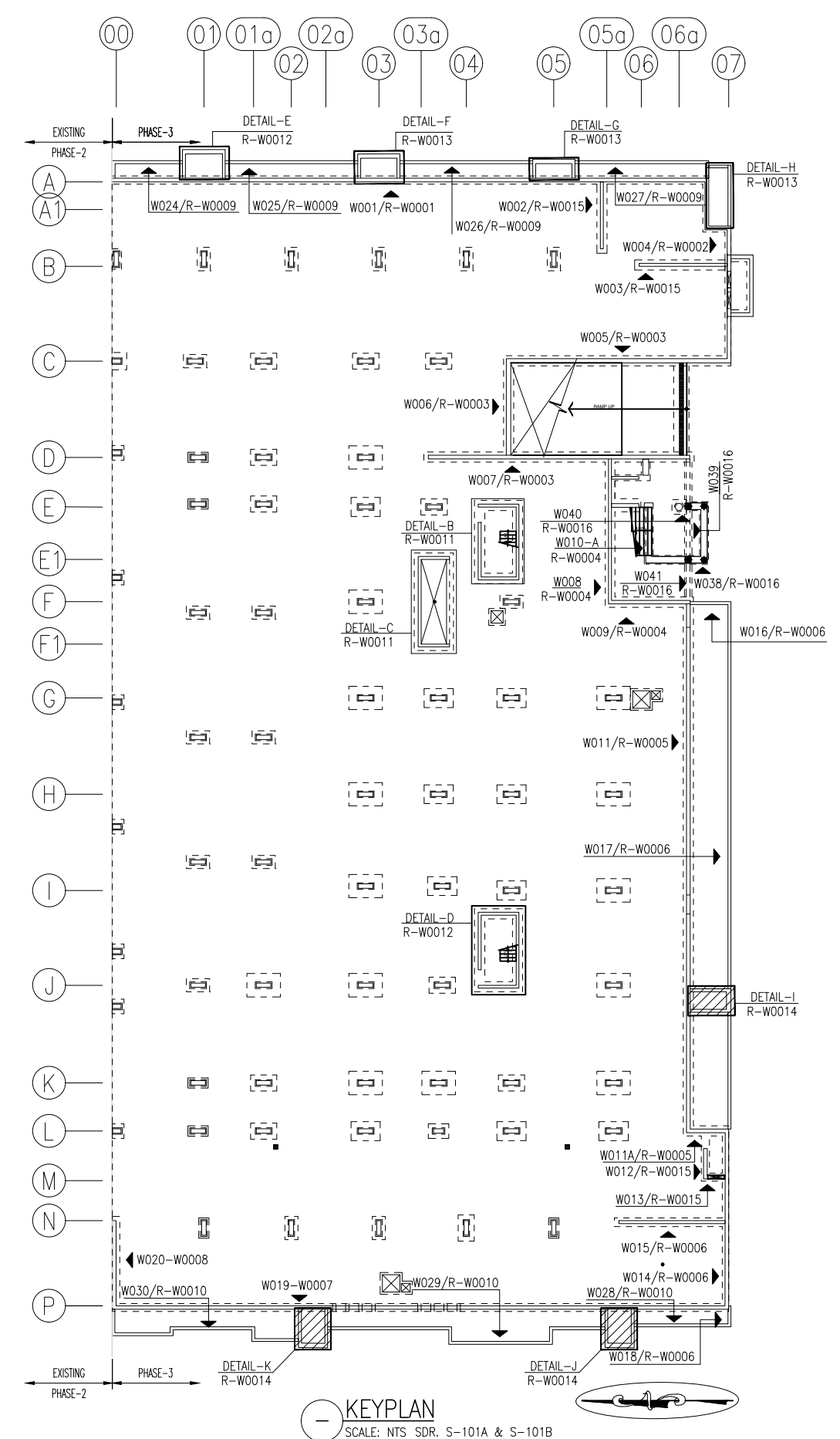
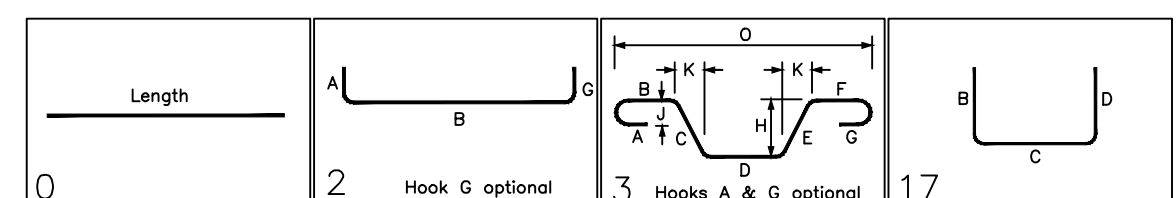
D SECTION
SCALE: 1:30 SRS-101A, S-101B

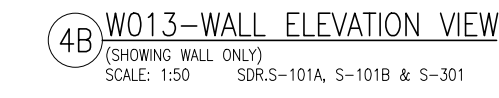
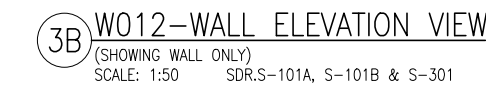
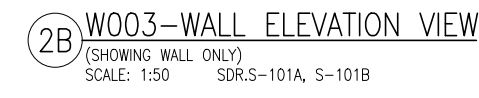
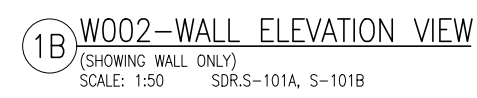
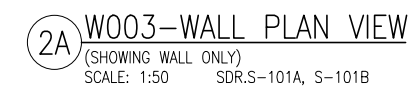
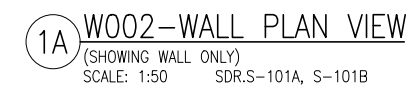


KEYPLAN
SCALE: NTS SRS-101A, S-101B

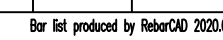
[illegible]

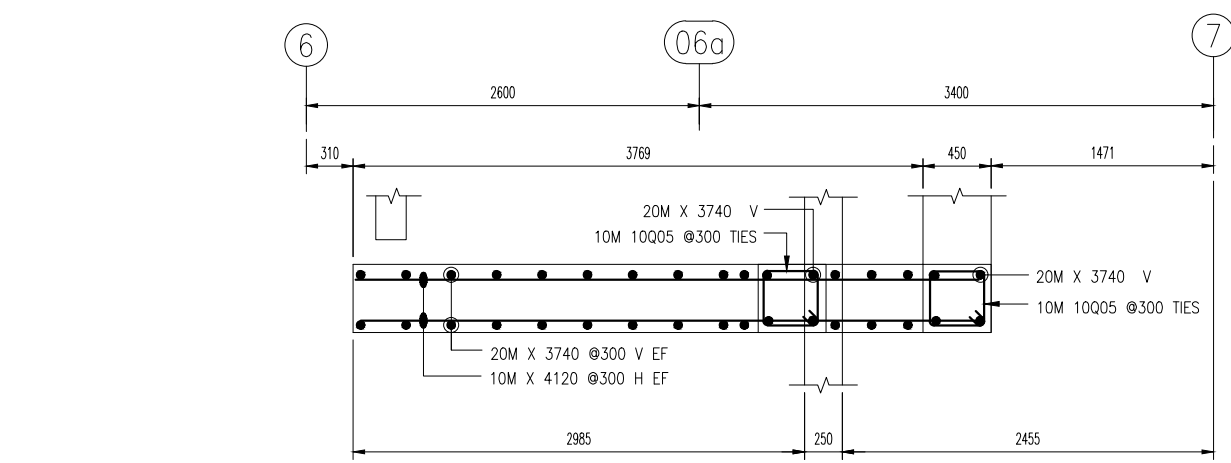
Bar fill produced by FiberCAD 2020.0



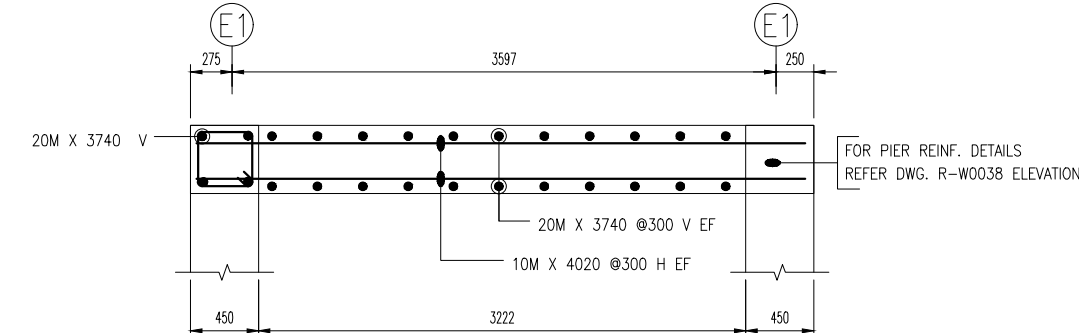


Drawing Set - R-W0015				BAG LIST															
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	U	V	W	X	Y	Z	U	V	W	X		
10001	6	10M	3700	17			375			3325									
10002	9	10M	3745	17			405			3325									
10003	2	10M	765	17			420			325									
10006	19	10M	2650	17			420			1630									
10007	12	10M	2005	17			375			1630									
10009	8	10M	1500	3			530			970									
15001	50	15M	895	17			375			690		695				680	1210		
15002	28	15M	1200	17			600			690									
15004	11	15M	980	17			380			600									
20001	3	20M	4155	17			830			3325									
20002	3	20M	3700	17			375			3325									
20003	12	20M	1205	17			375			830									
20004	8	20M	2005	17			375			1630									

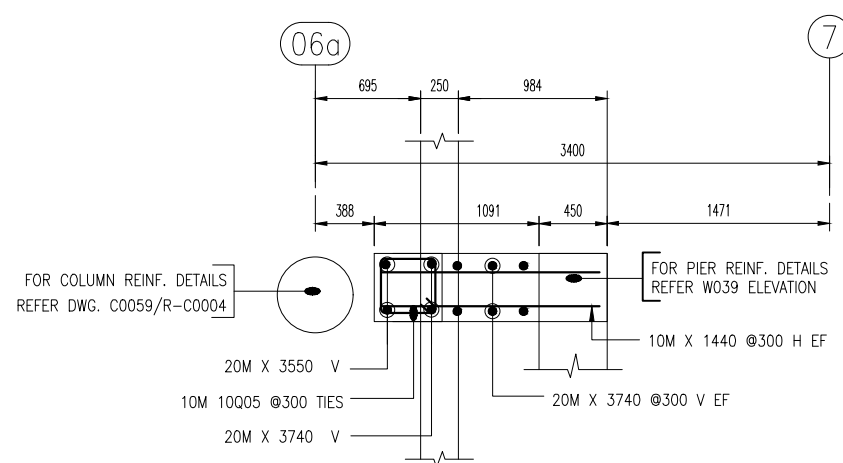




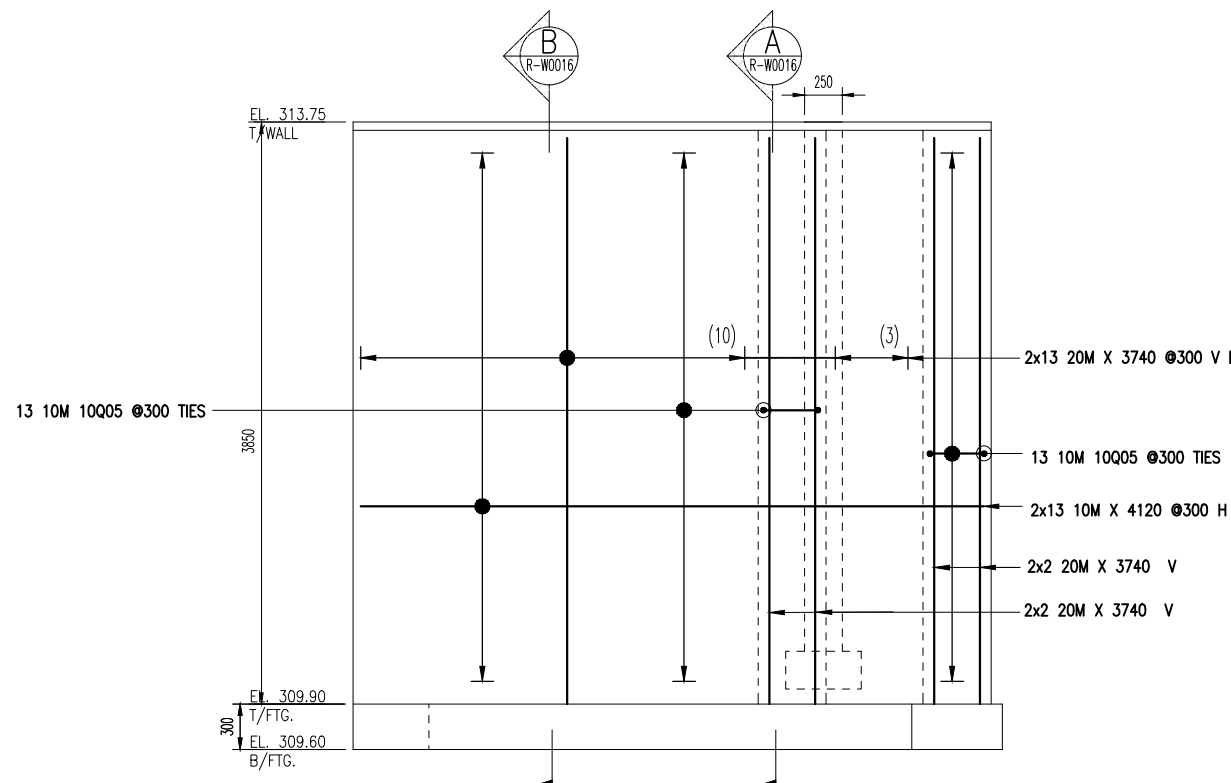
1A W038-WALL PLAN VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



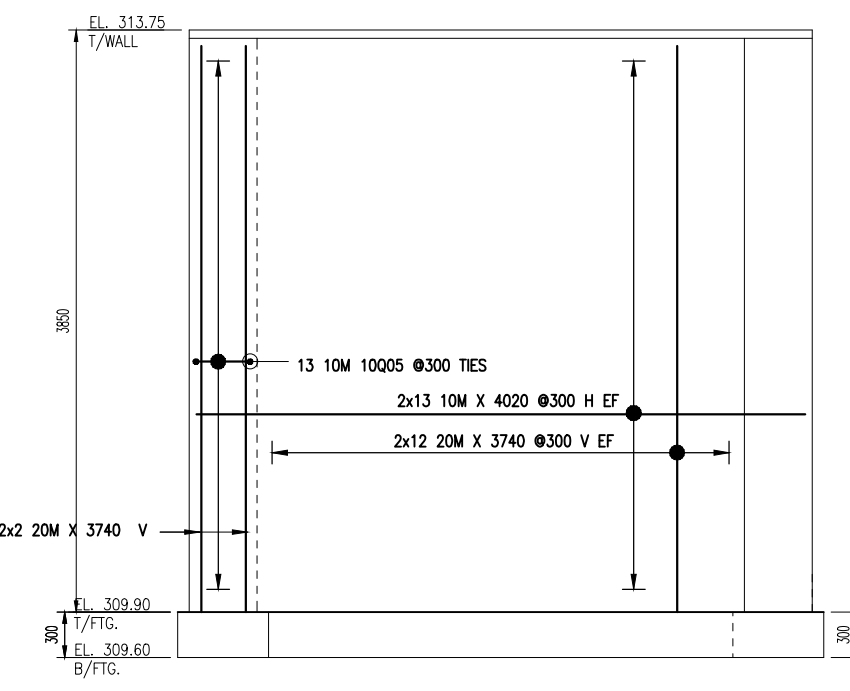
2A W039-WALL PLAN VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



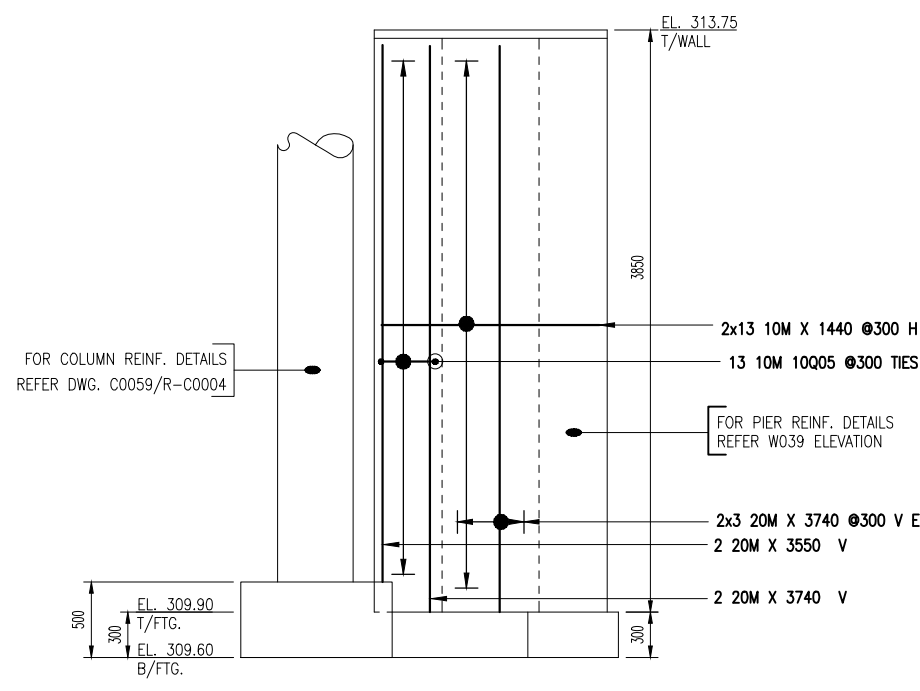
3A W040-WALL PLAN VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



1B W038-WALL ELEVATION VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



2B W039-WALL ELEVATION VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302

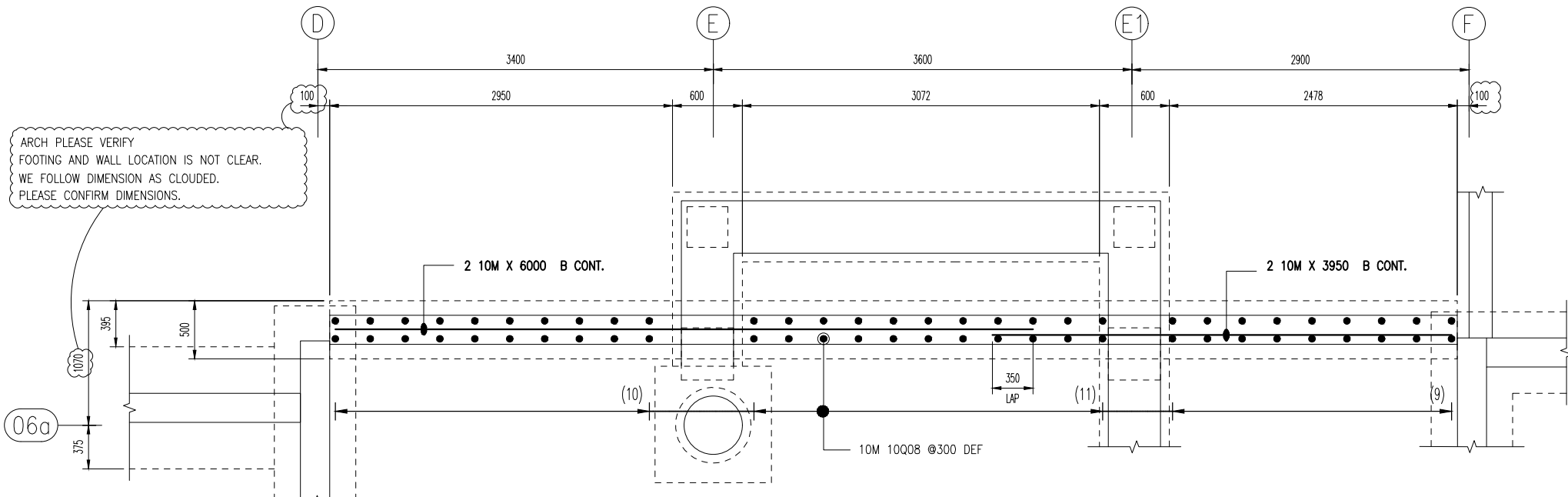
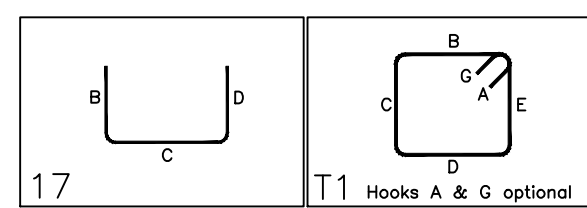


3B W040-WALL ELEVATION VIEW
(SHOWING WALL AND PIER ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302

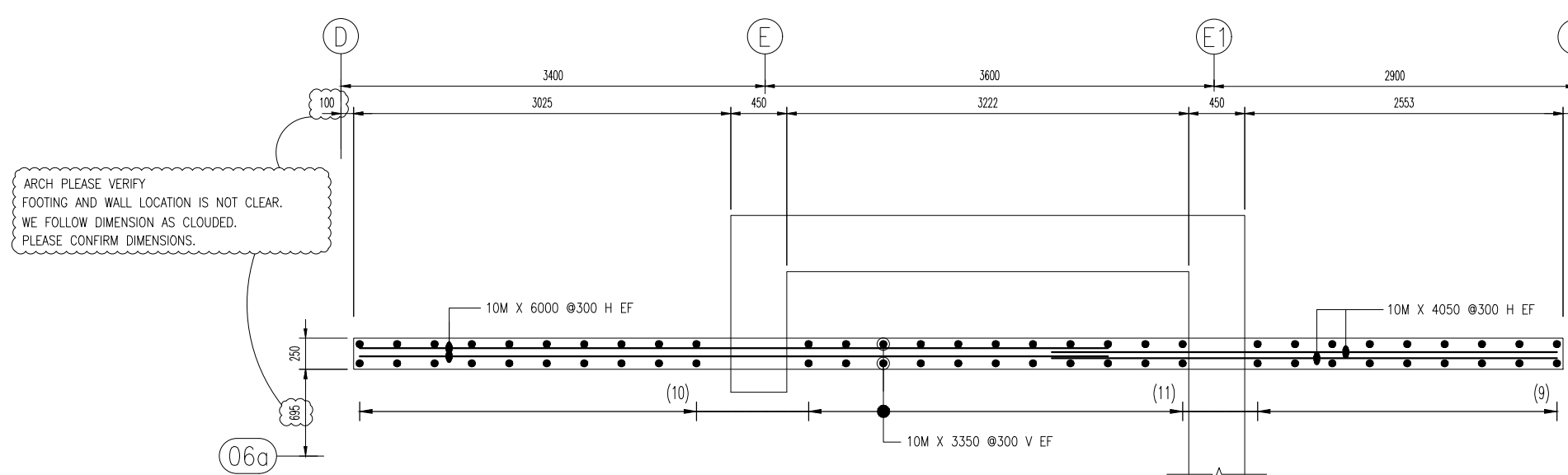
LAP SPICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA		10	15	20	25	30	35
LAP SPICE	TENSION	420	620	830	1290	1550	1800
	DEVELOPMENT	320	480	640	990	1190	1390
	COMPRESSION	200	280	350	440	530	630
LAP SPICE	TENSION	300	440	590	730	880	1030
	DEVELOPMENT	200	280	350	440	530	630
	COMPRESSION	300	440	590	730	880	1030
LAP SPICE	TENSION	300	440	590	730	880	1030
	DEVELOPMENT	200	280	350	440	530	630
	COMPRESSION	200	280	350	440	530	630

Drawing Sheet : R-W0016		BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	V	W	H	U	V	W	H	U
10005	52	10M	1680	T1	100	370	370	370	100						
10008	60	10M	870	T7	270	600									

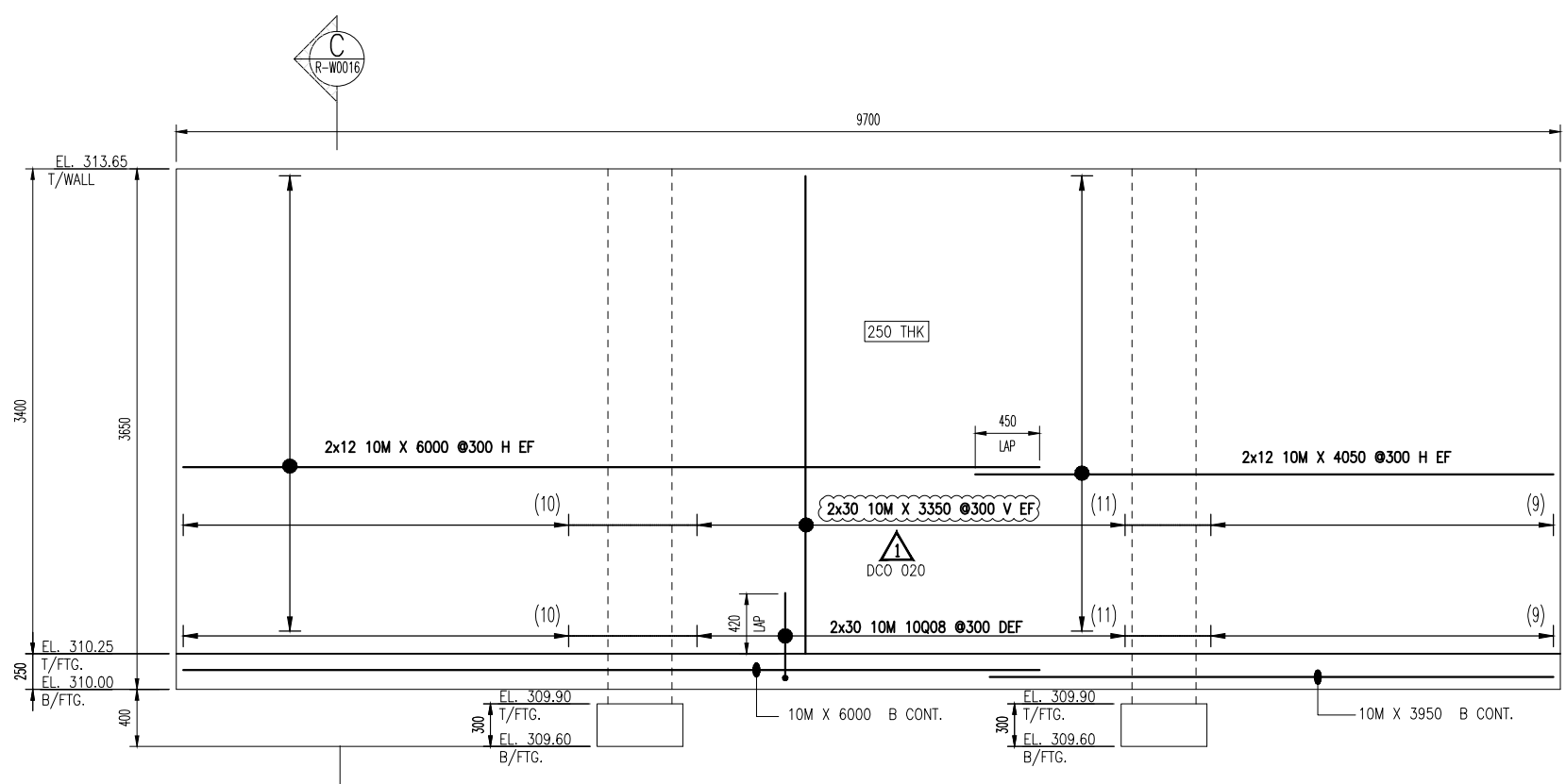
Bar list produced by InterCAD 2020



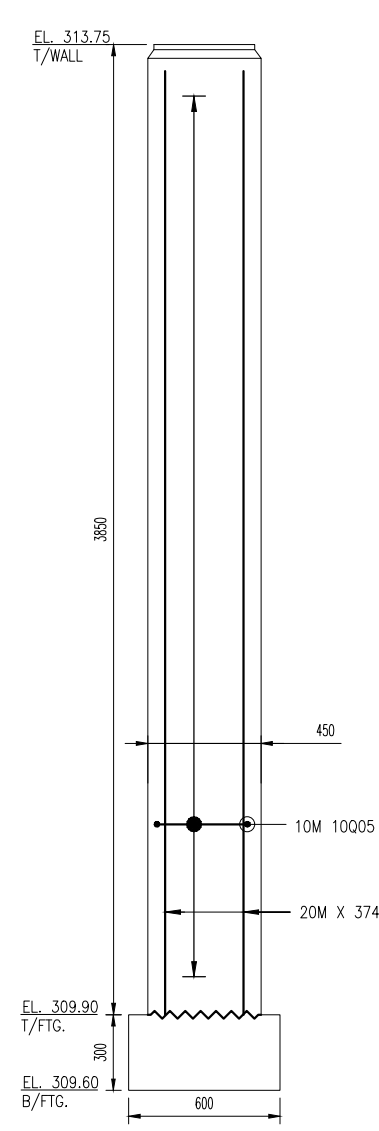
4A W041-FOOTING PLAN VIEW
(SHOWING FOOTING ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



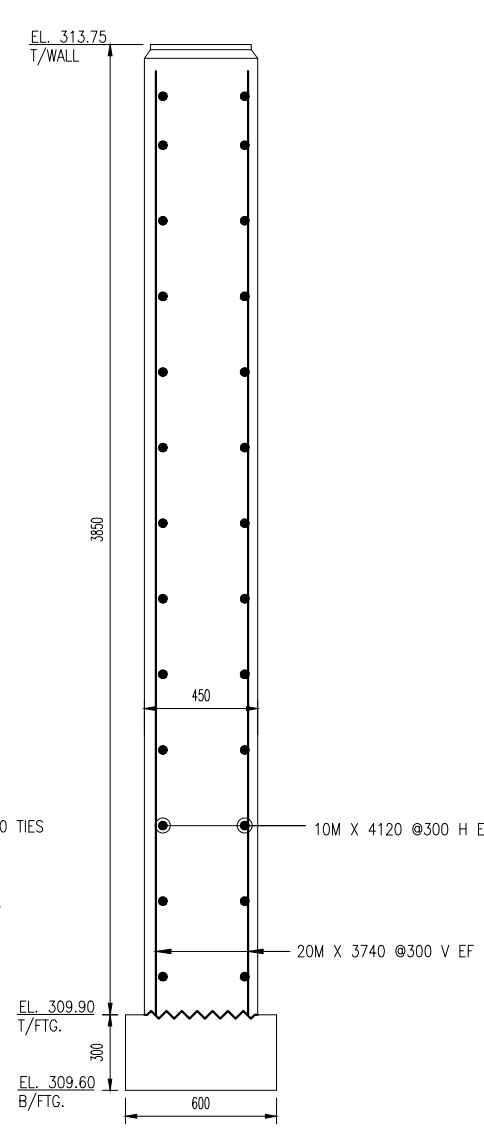
4B W041-WALL PLAN VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



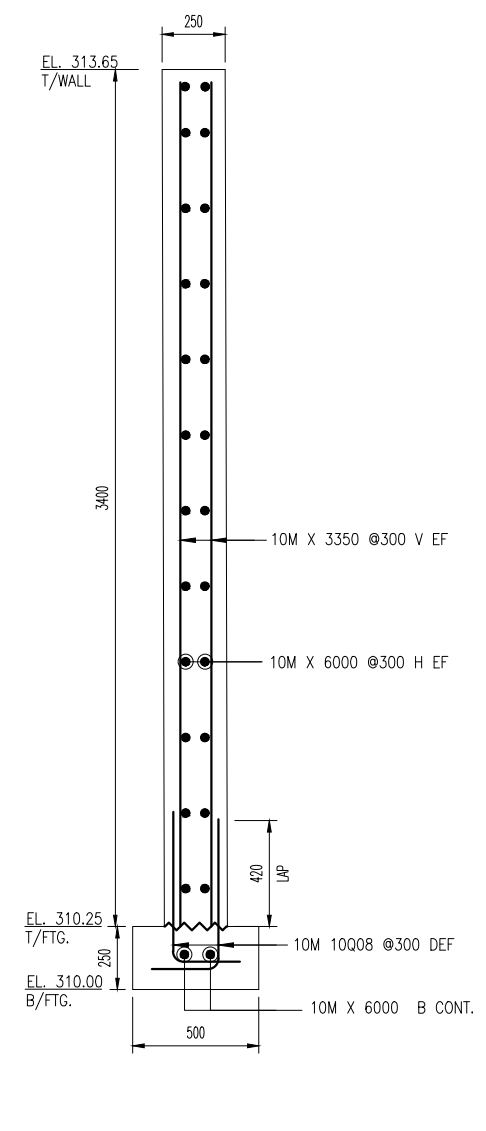
4C W041-WALL ELEVATION VIEW
(SHOWING WALL ONLY)
SCALE: 1:50 SRS-S-101A, S-101B & 1/5-302



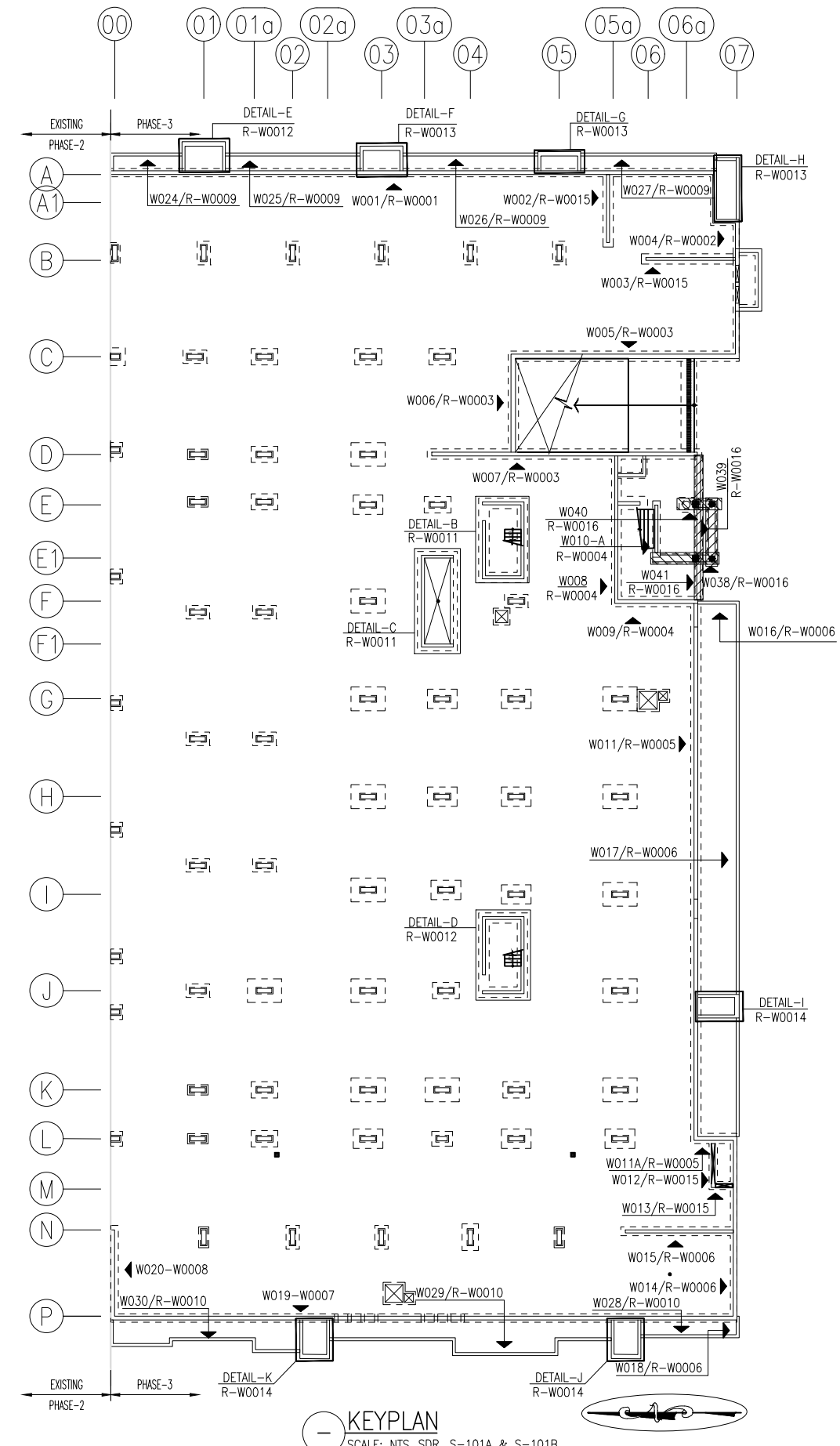
A SECTION
SCALE: 1:30 SRS-S-101A, S-101B & 1/5-302

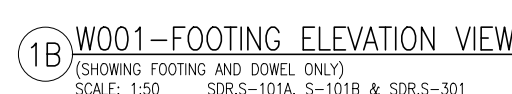
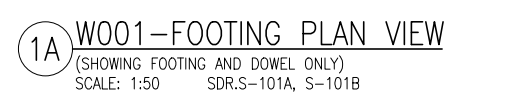


B SECTION
SCALE: 1:30 SRS-S-101A, S-101B & 1/5-302

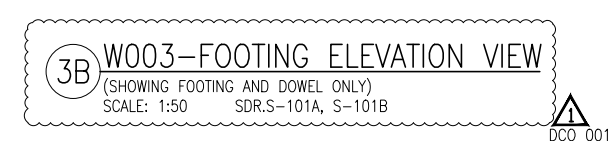
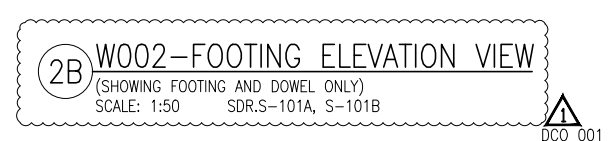
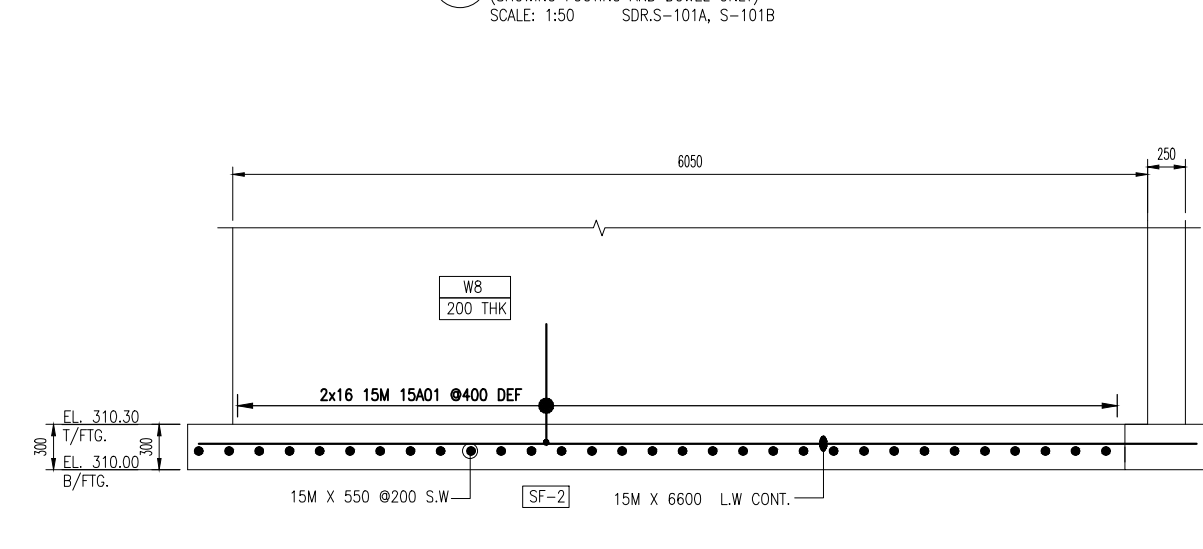
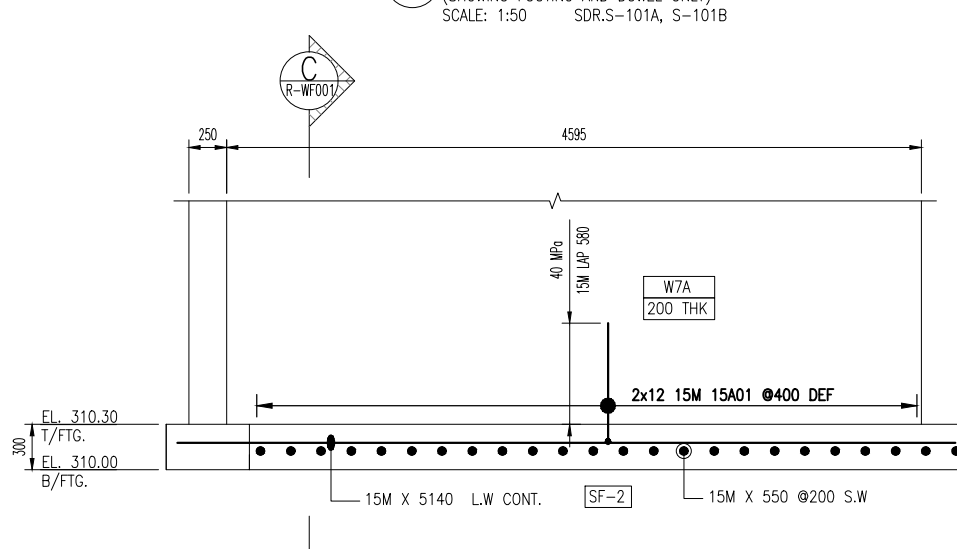
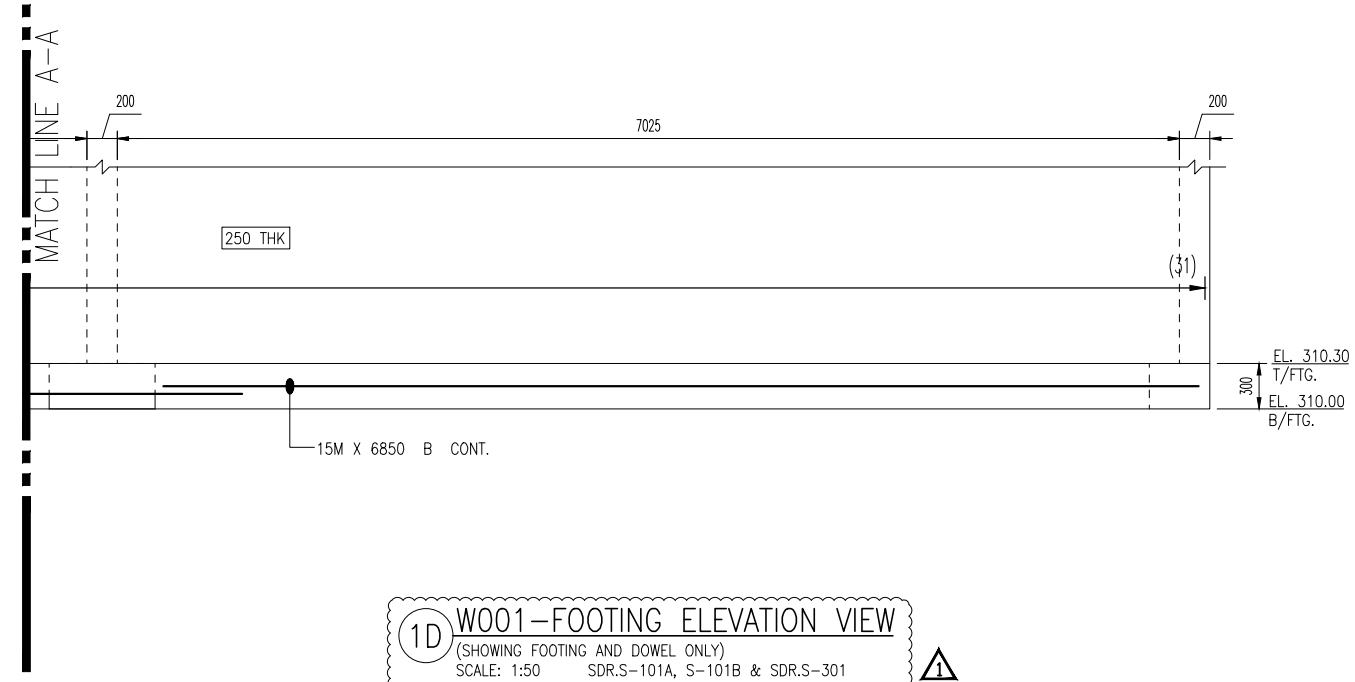
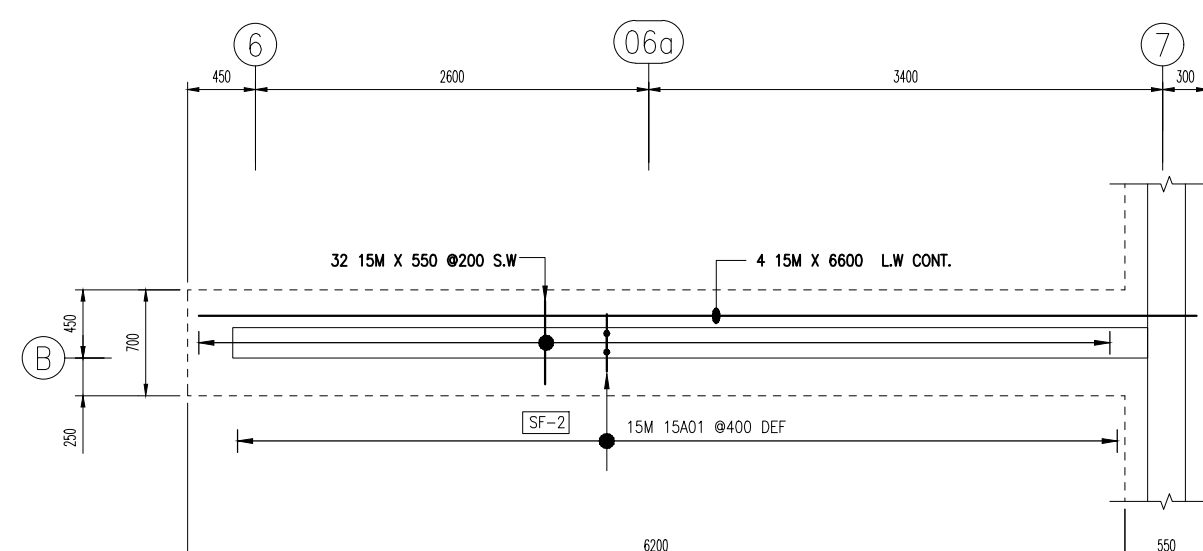
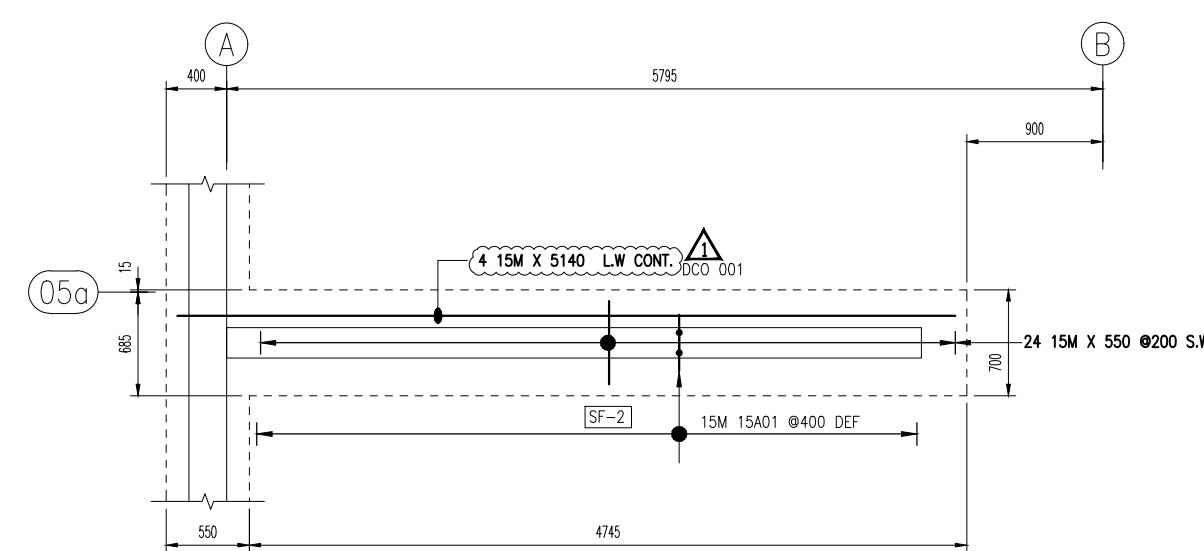
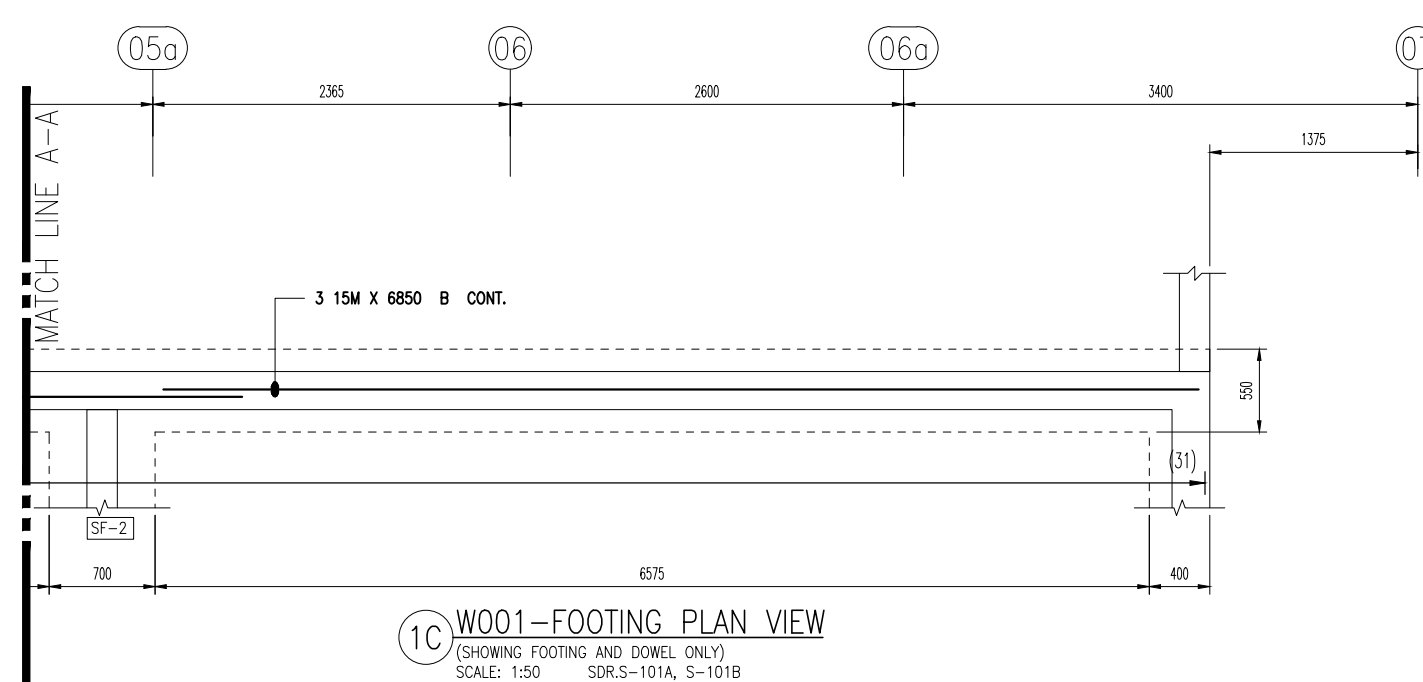


C SECTION
SCALE: 1:30 SRS-S-101A, S-101B & 1/5-302



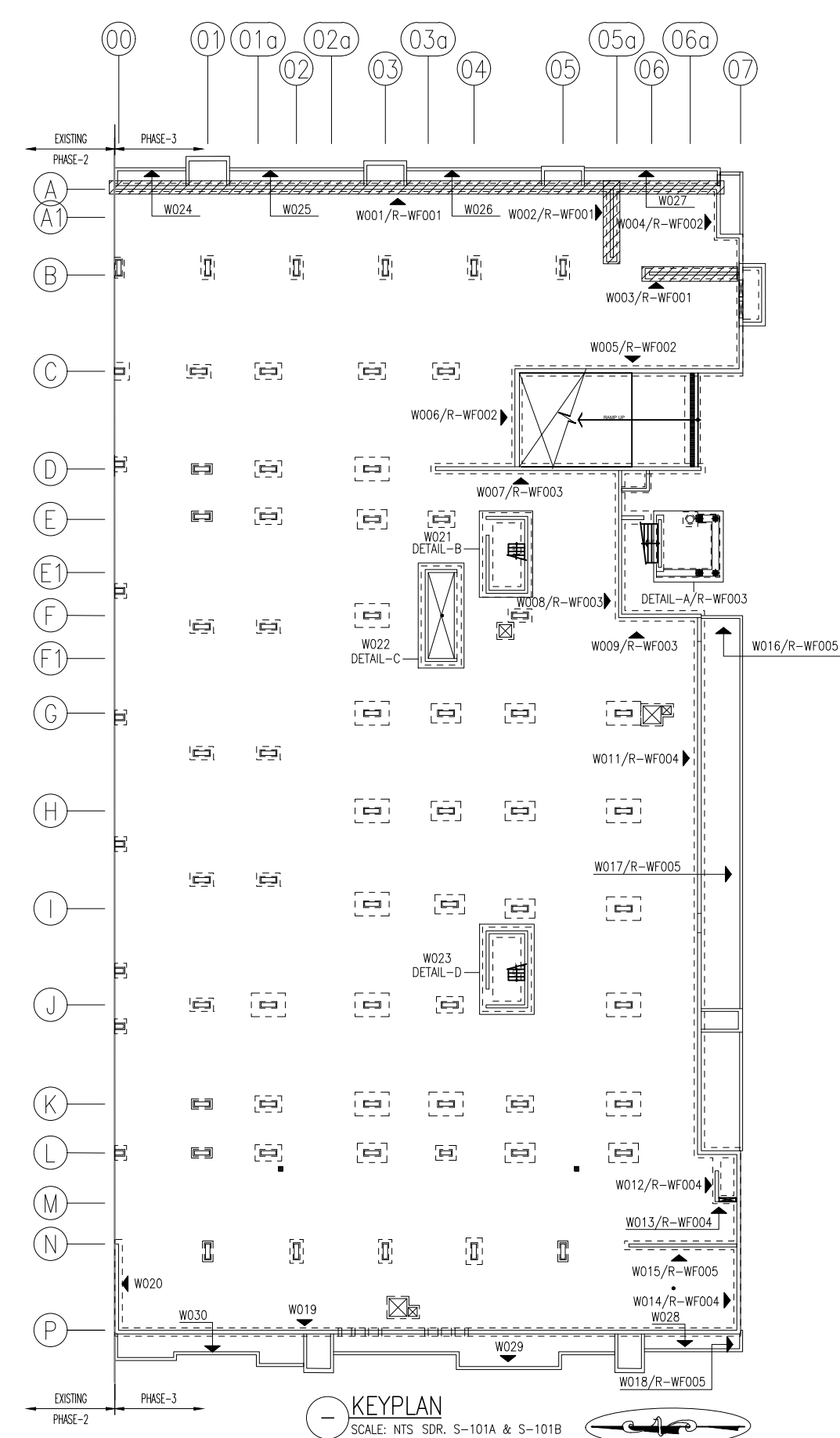
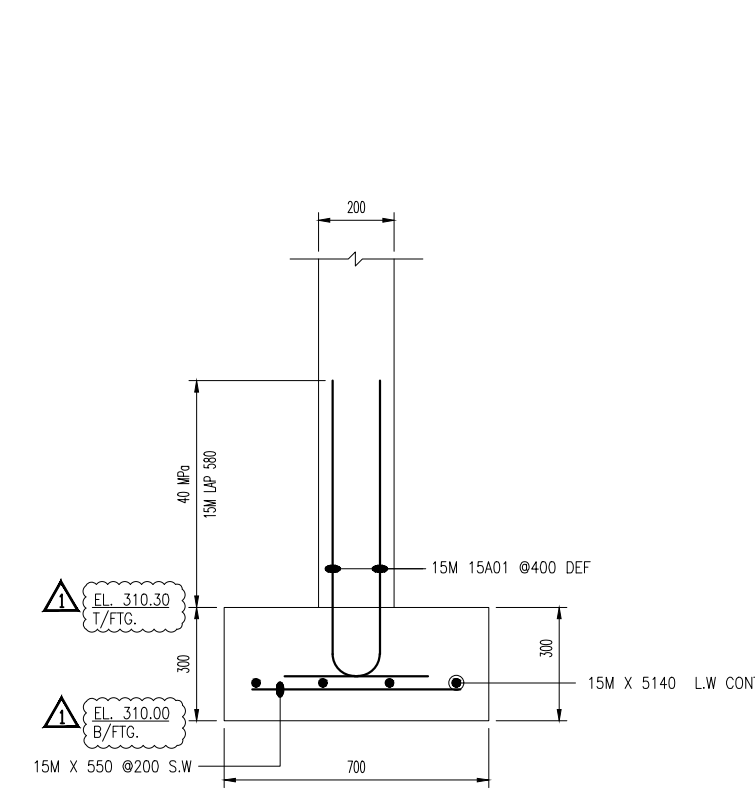
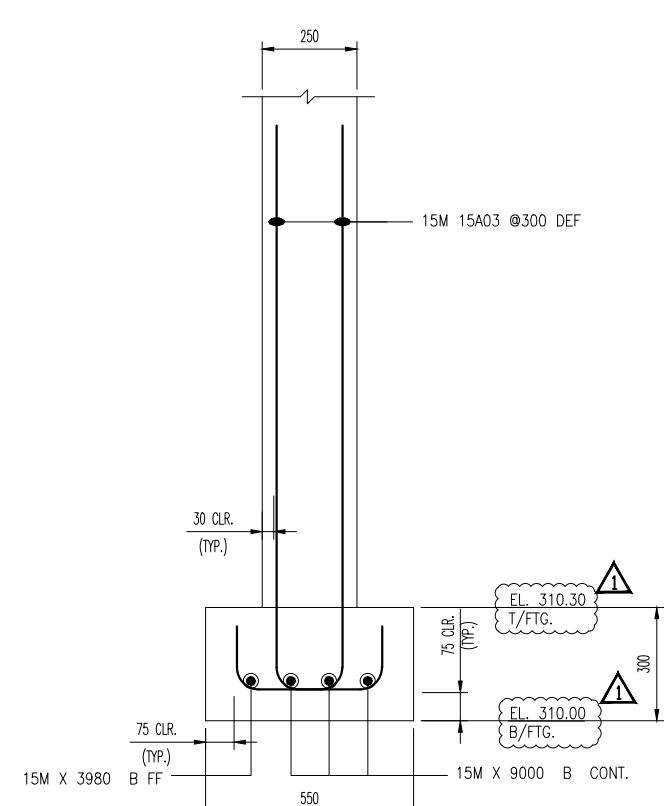
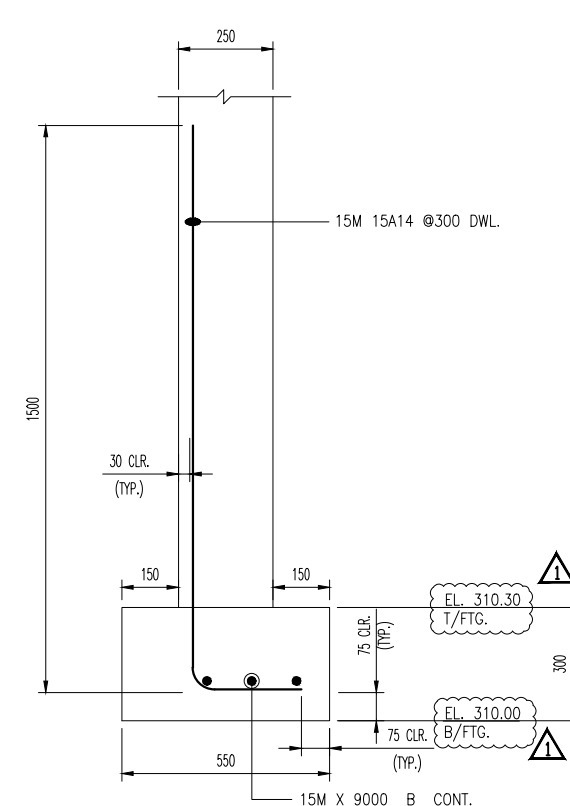
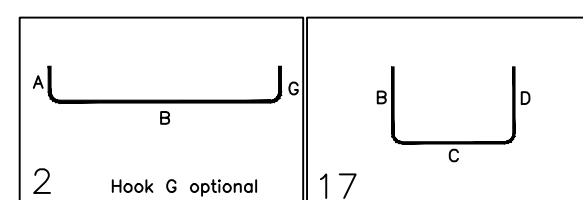


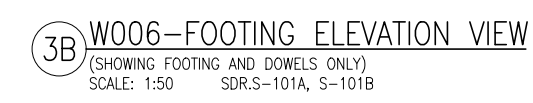
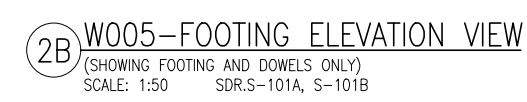
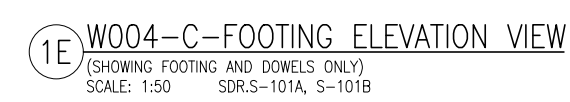
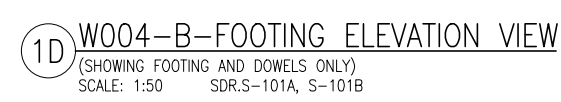
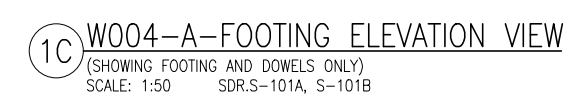
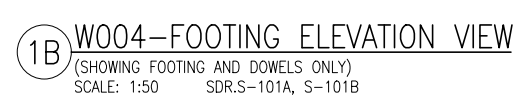
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS							
DATA		BAR SIZE					
		10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $F_c = 35 \text{ MPa}$	TENSION LAP SPLICE	420	620	830	1290	1550	1800
$F_y = 400 \text{ MPa}$ $F_c = 40 \text{ MPa}$	TENSION LAP SPLICE	390	580	770	1210	1450	1690



Drawing Sheet : R-WF001				BW LIST													
Bar Weight	Sq	Size	Total Length	Type	"	'	''	'''	''''	'''''	''''''	'''''''	''''''''	'''''''''	''''''''''	'''''''''	
15A01	56	15M	1900	2	280	790											
15B03	54	15M	1920	17			295	1500									
15A14	110	15M	1795	17			295	1500									
20A01	24	20M	1810	2	310				1500								

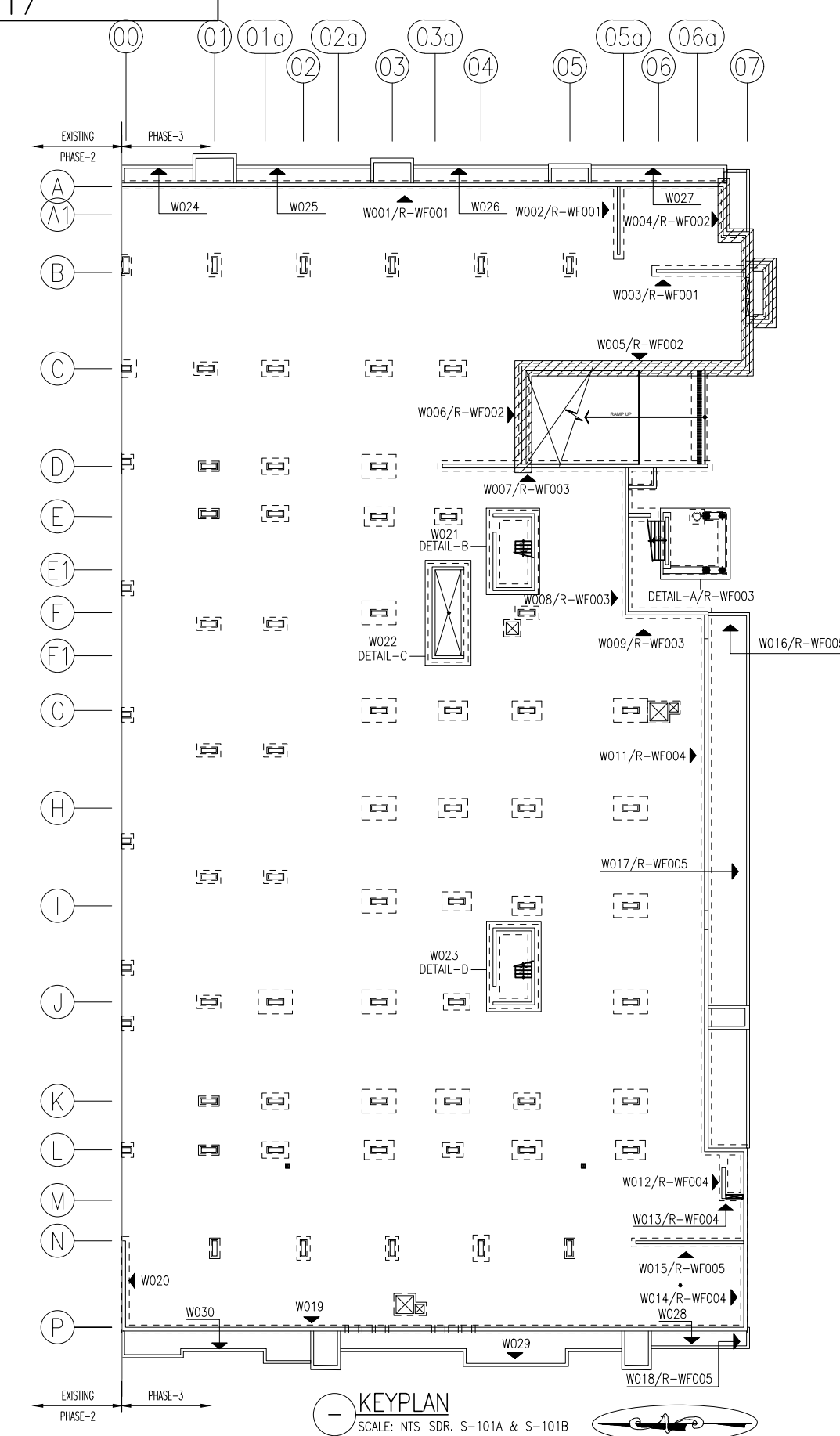
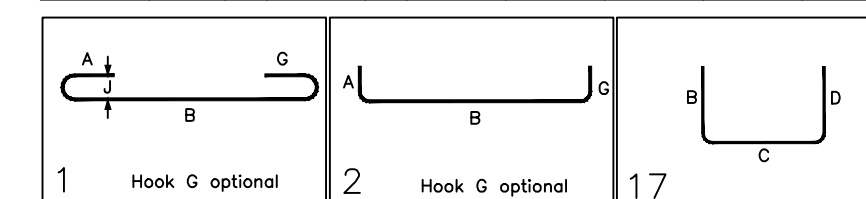
Bar test produced by RebarCAD 2020J



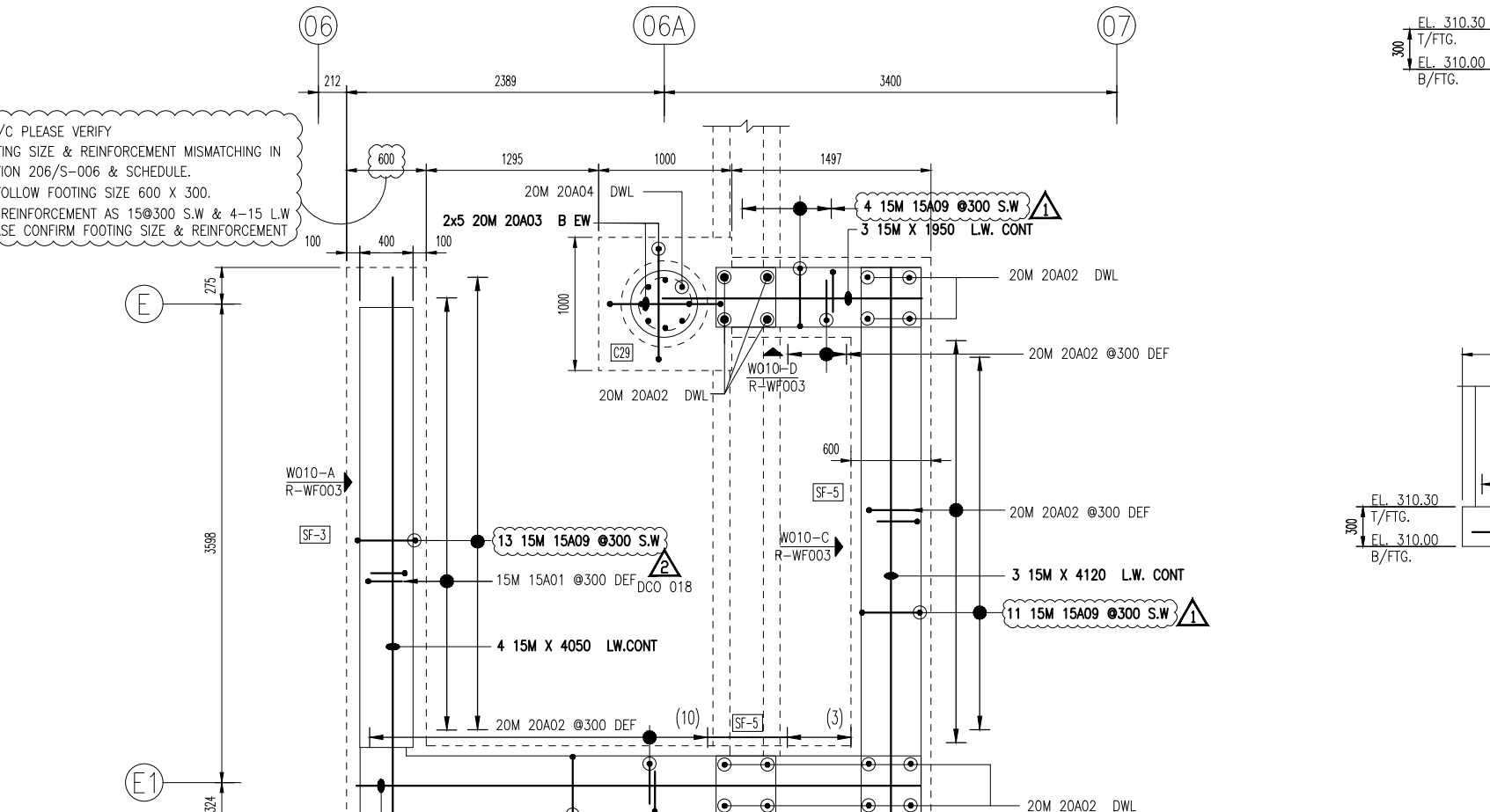
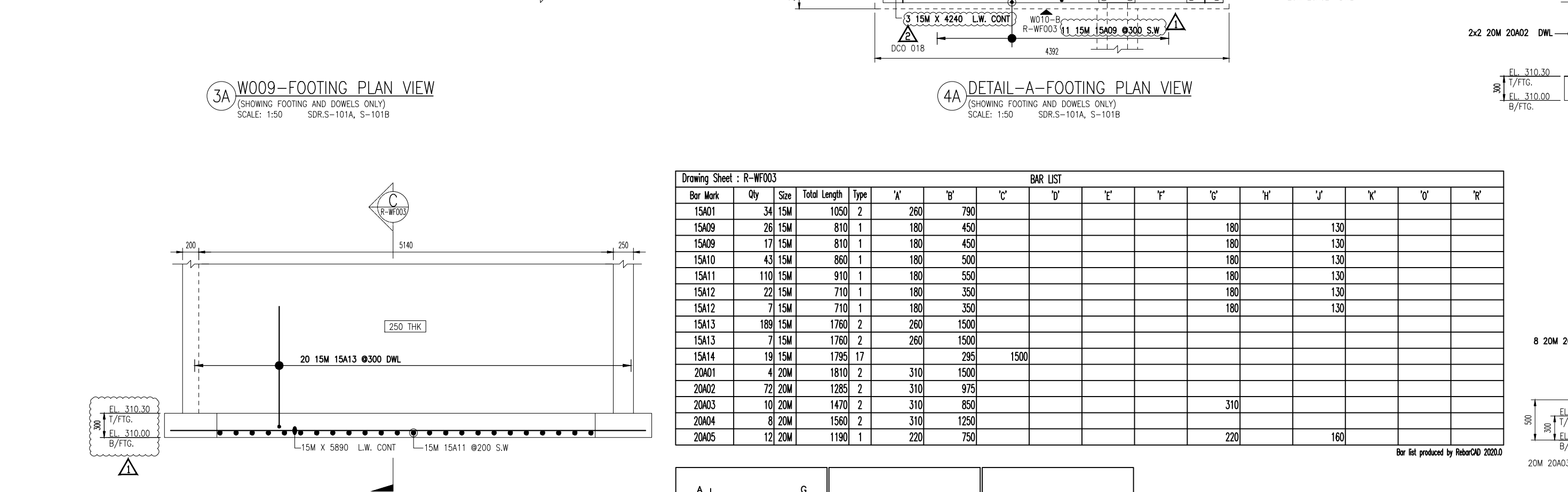
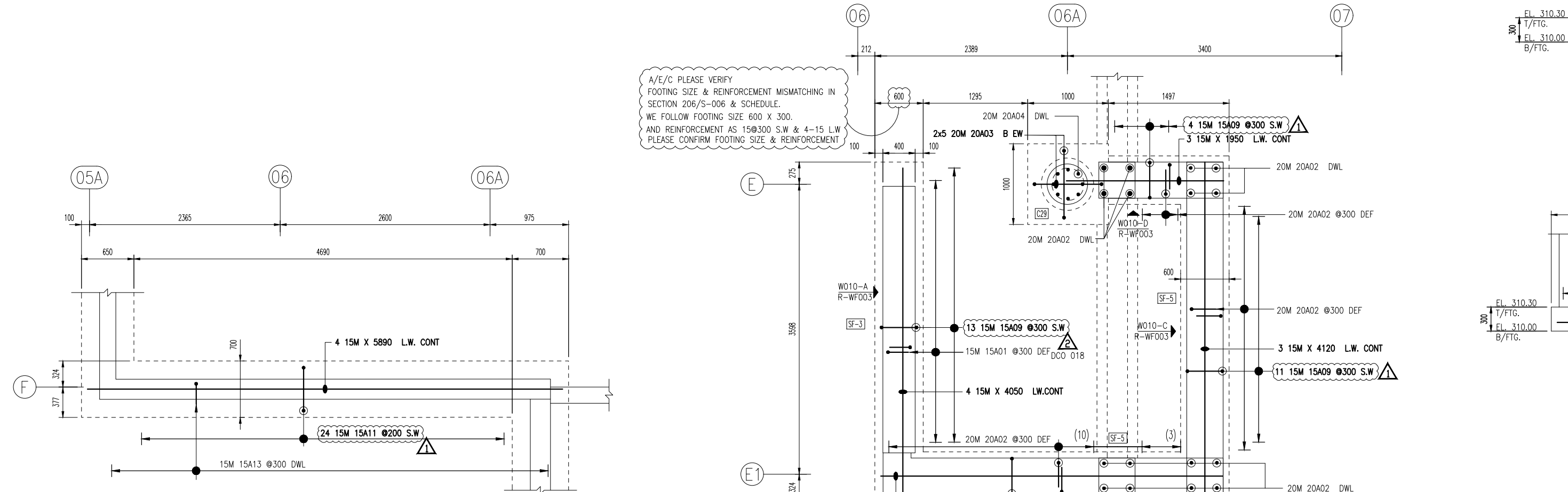
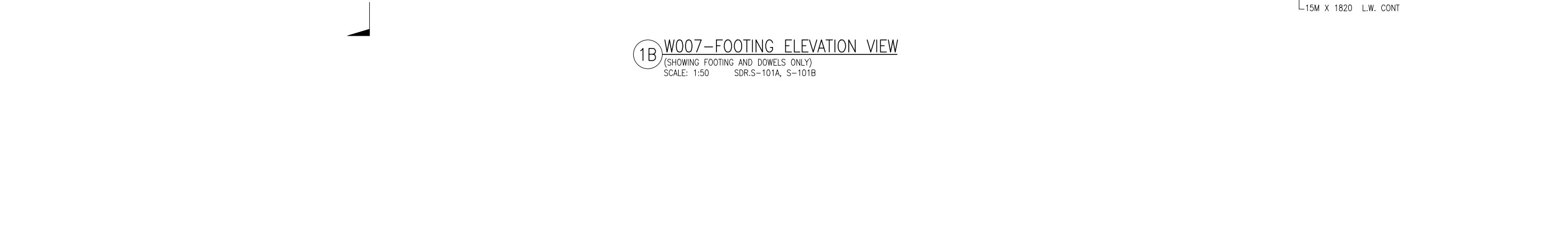
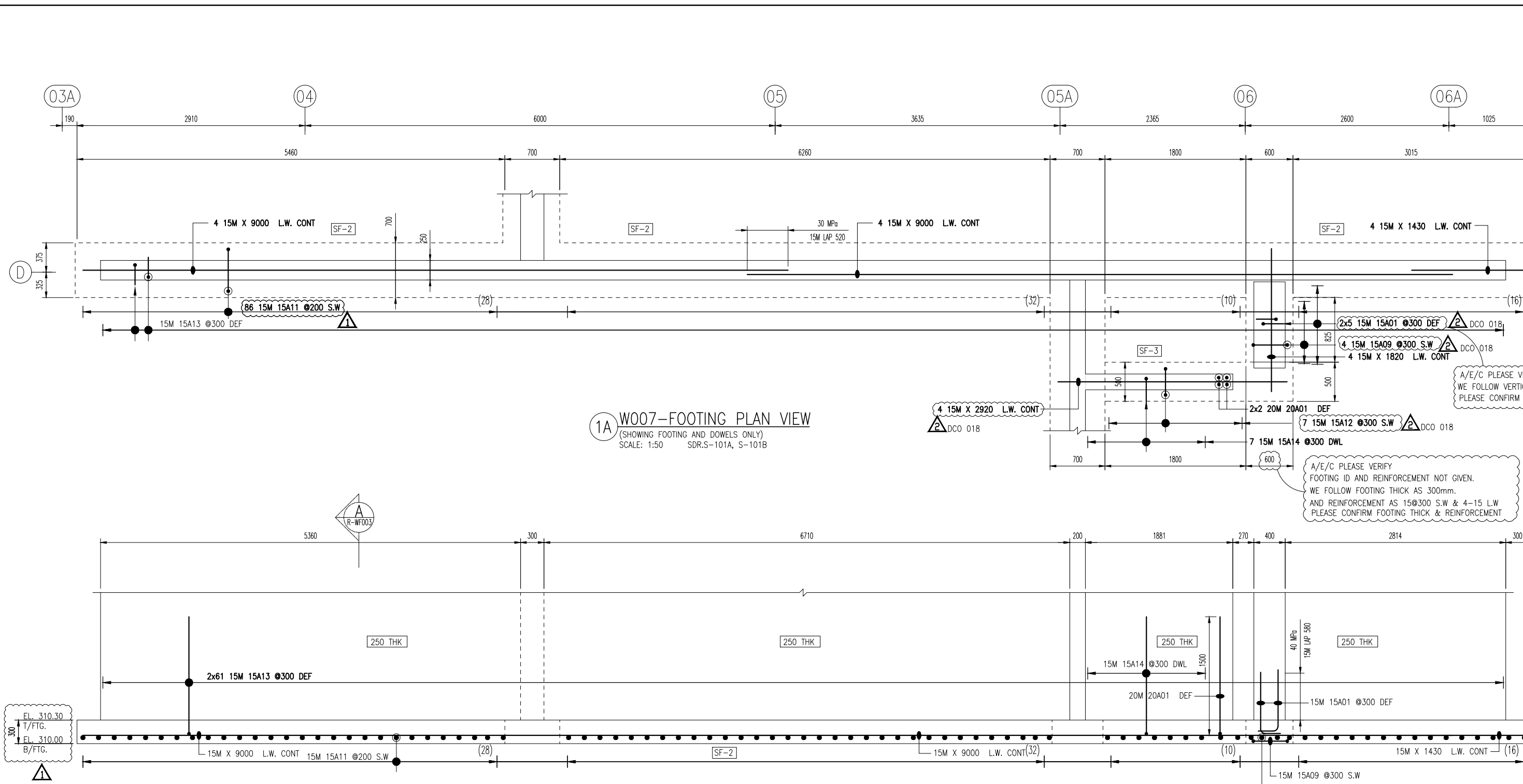


Drawing Sheet : R-WF022			BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	"	"	"	"	"	"	"	"	"	"
15A04	43	15M	1845	17		345	1500							
15A05	22	15M	1415	17		315	1100							
15A11	103	15M	910	1	180	550				180			130	
15A13	102	15M	1760	2	260									
15A14	28	15M	1795	17		295	1500							
20A01	12	20M	1810	2	310		1500							

Bar font produced by FaberCAD 2020.0



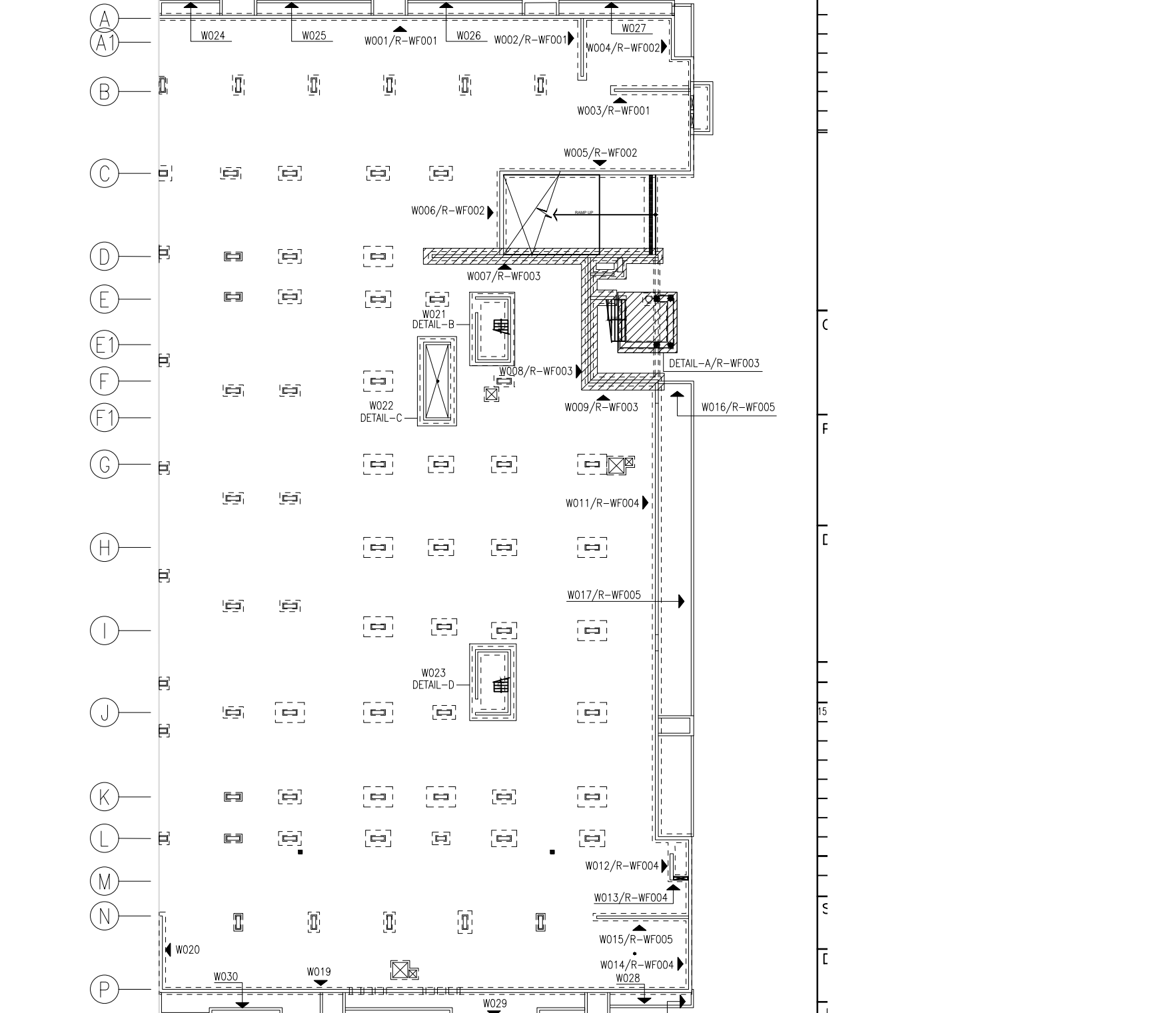
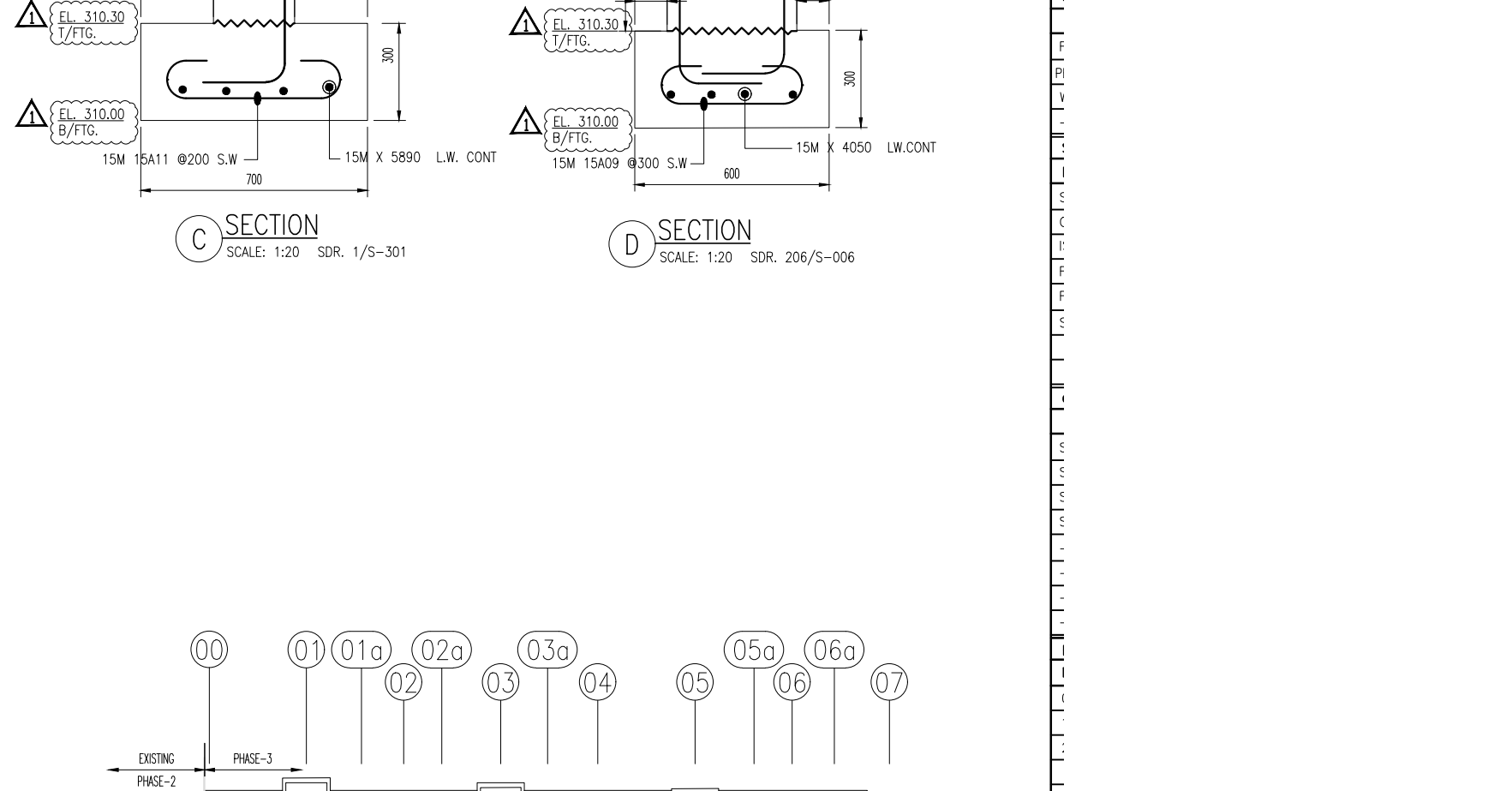
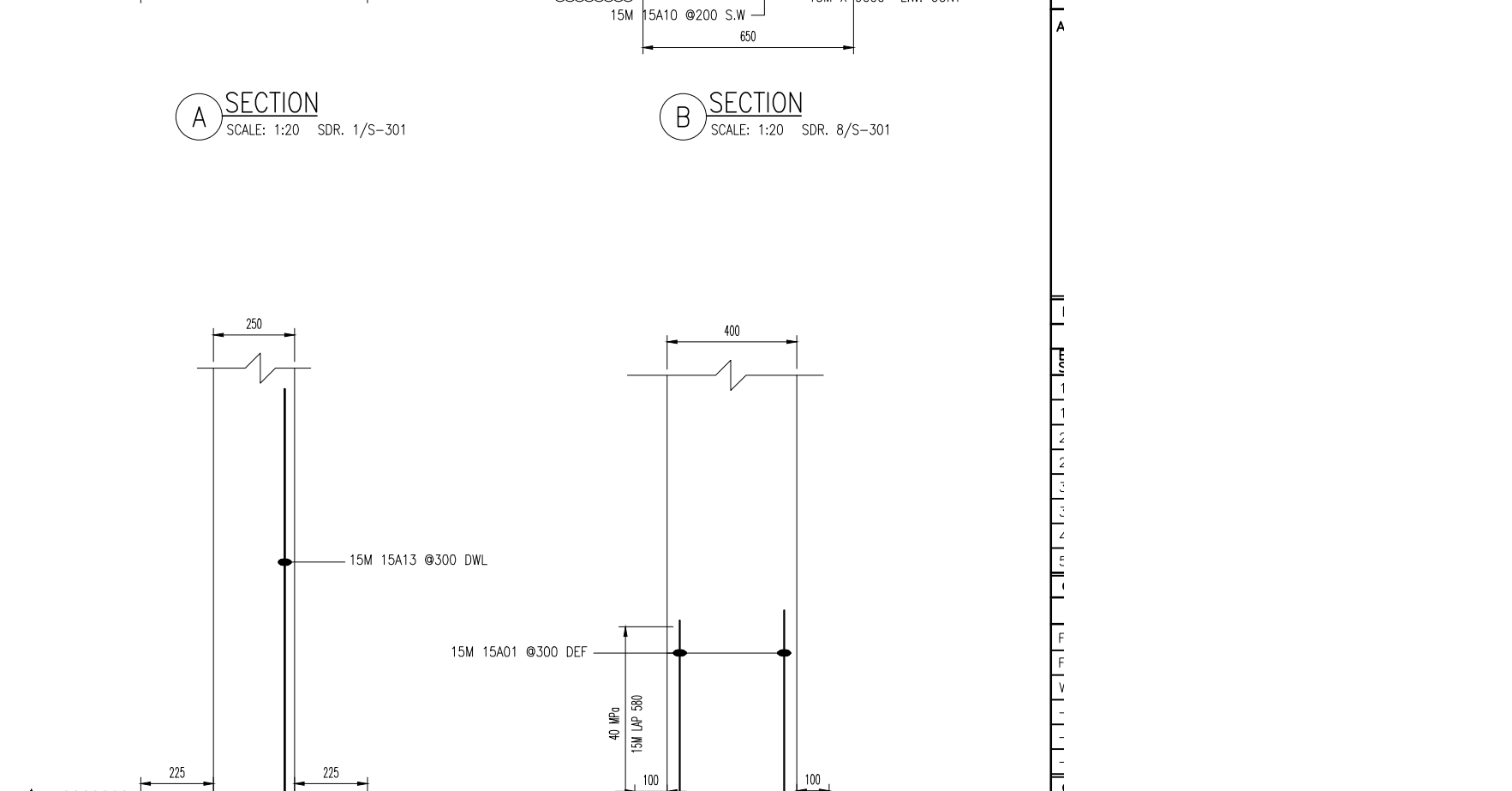
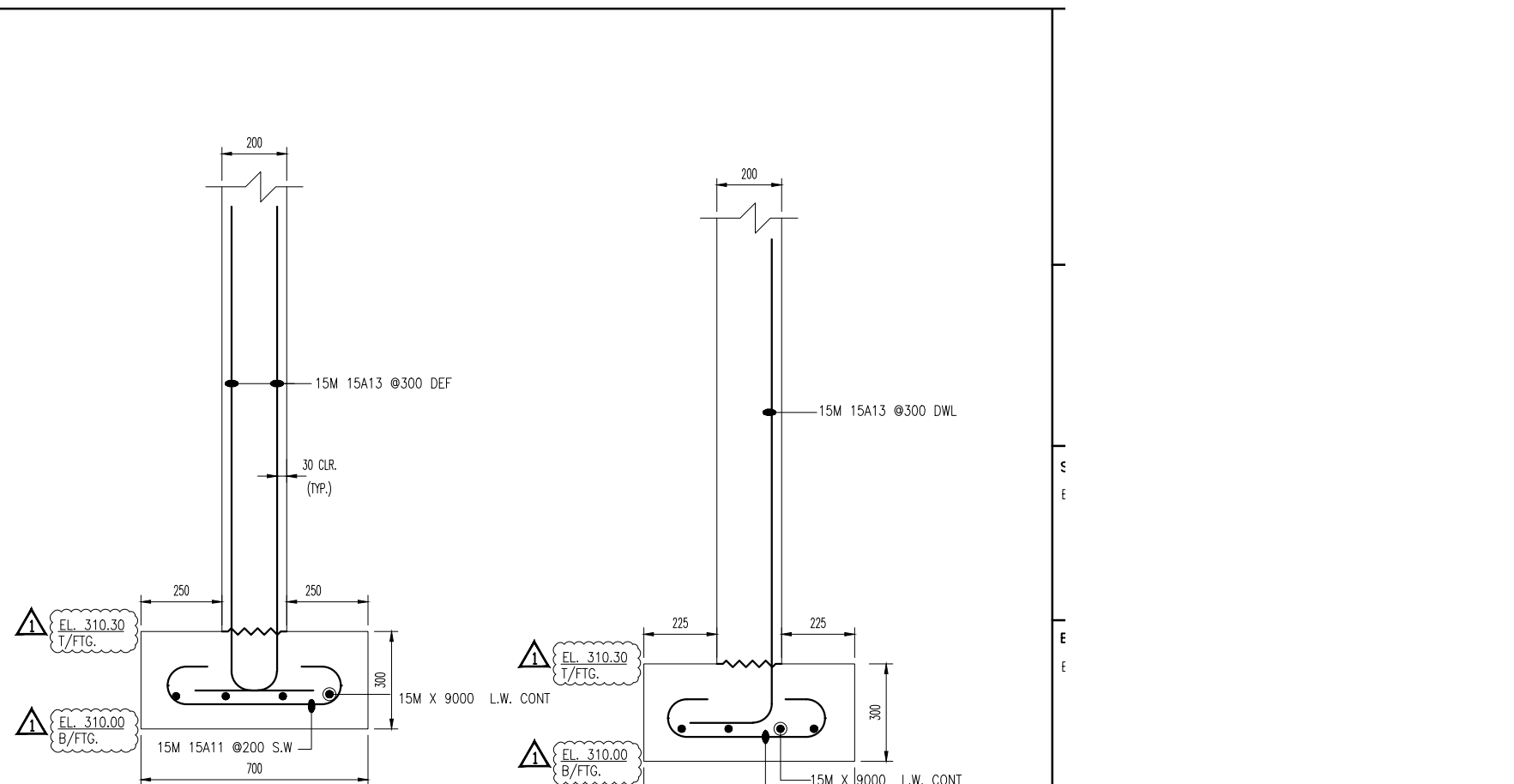
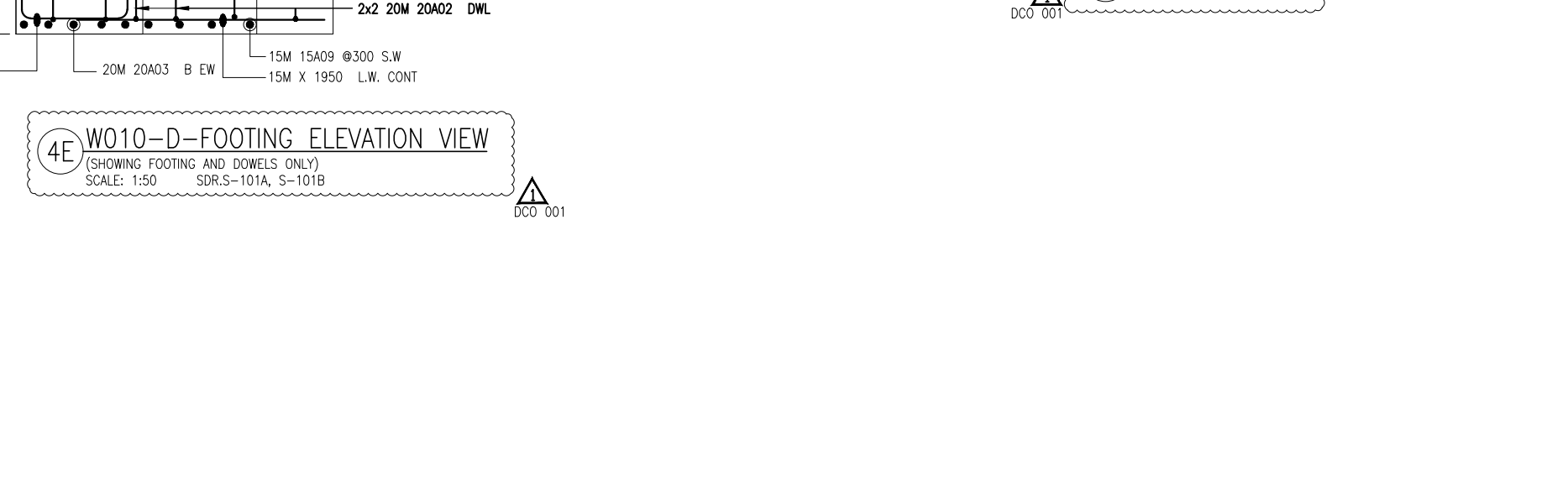
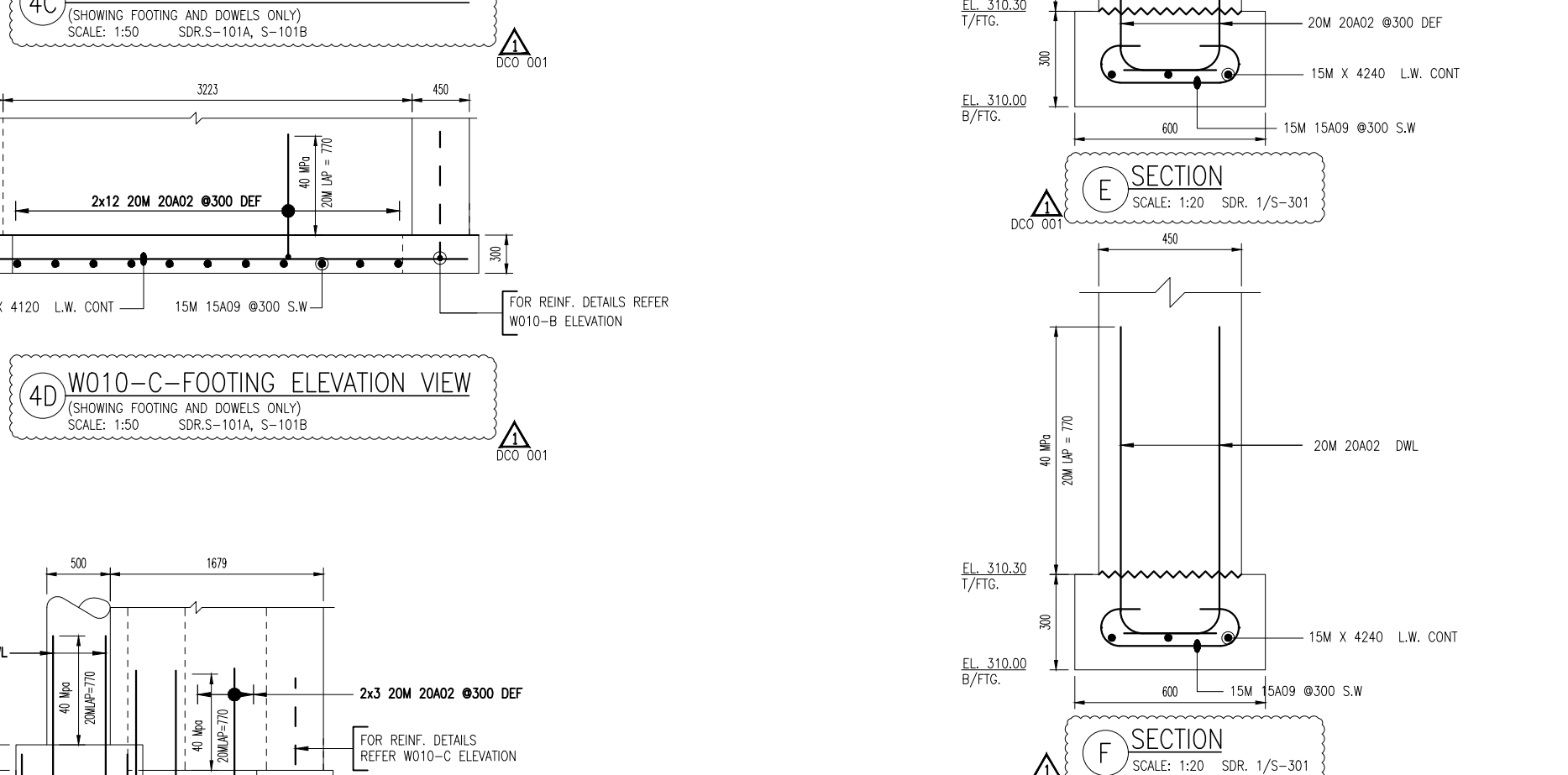
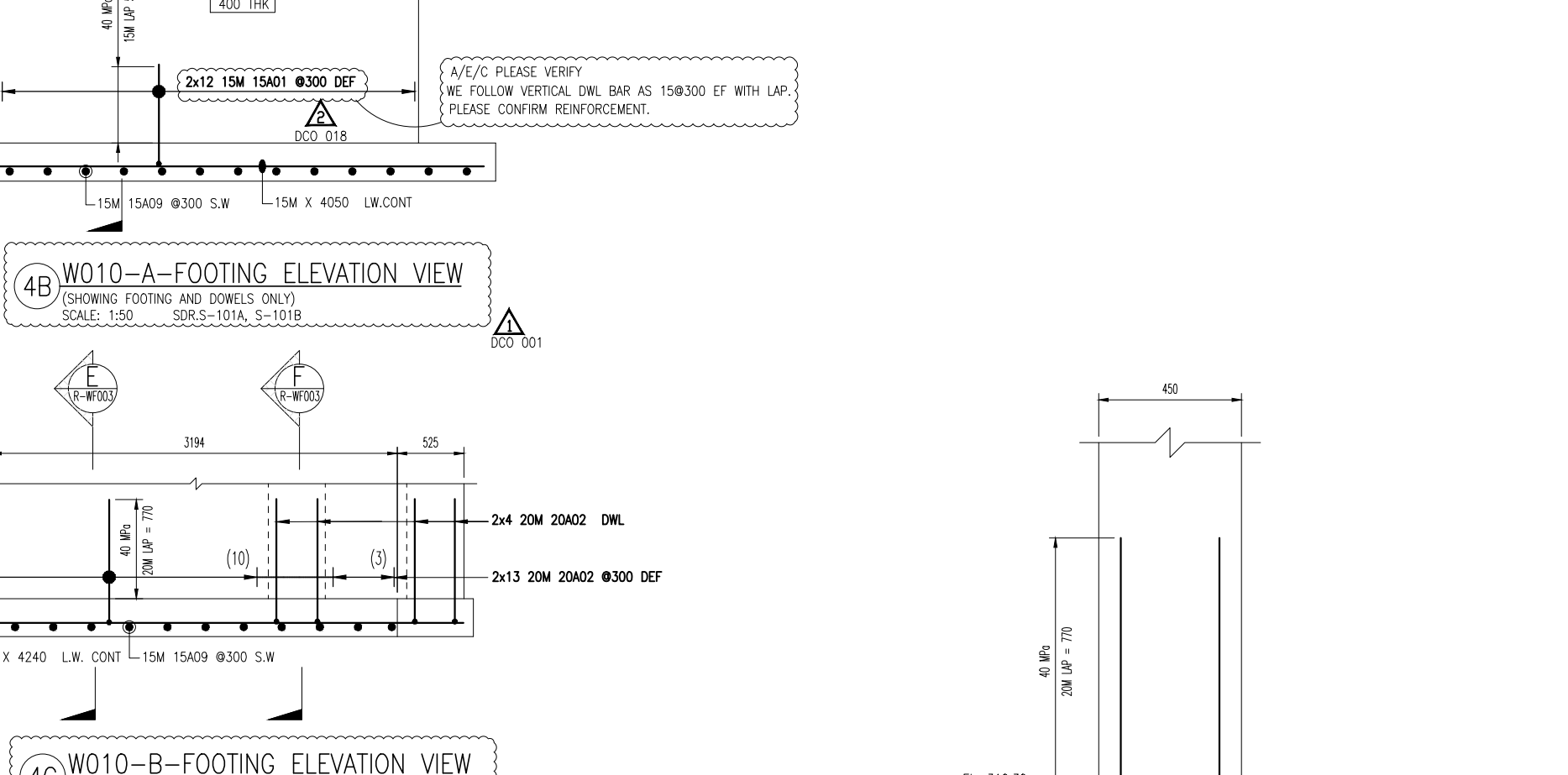
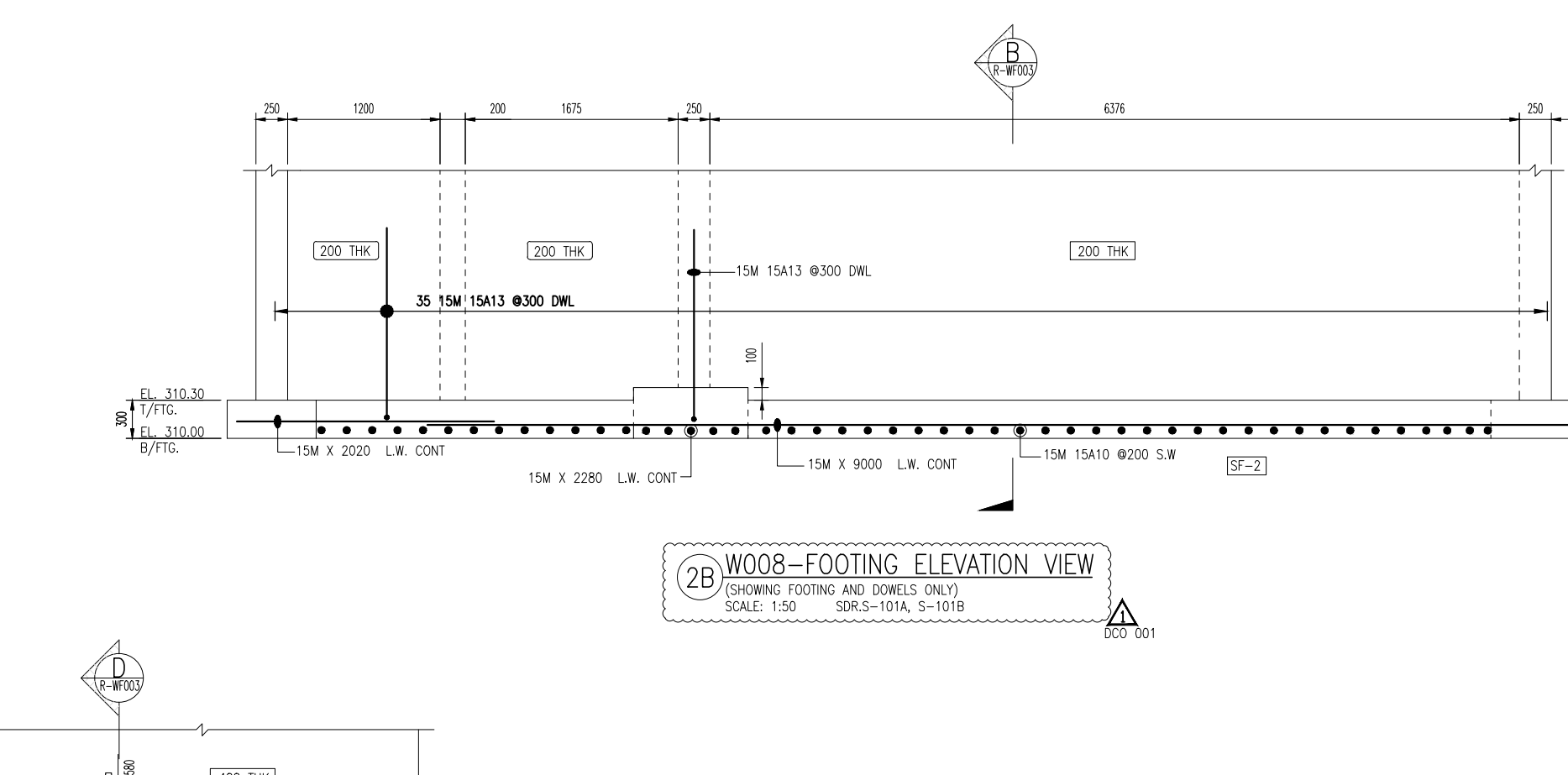
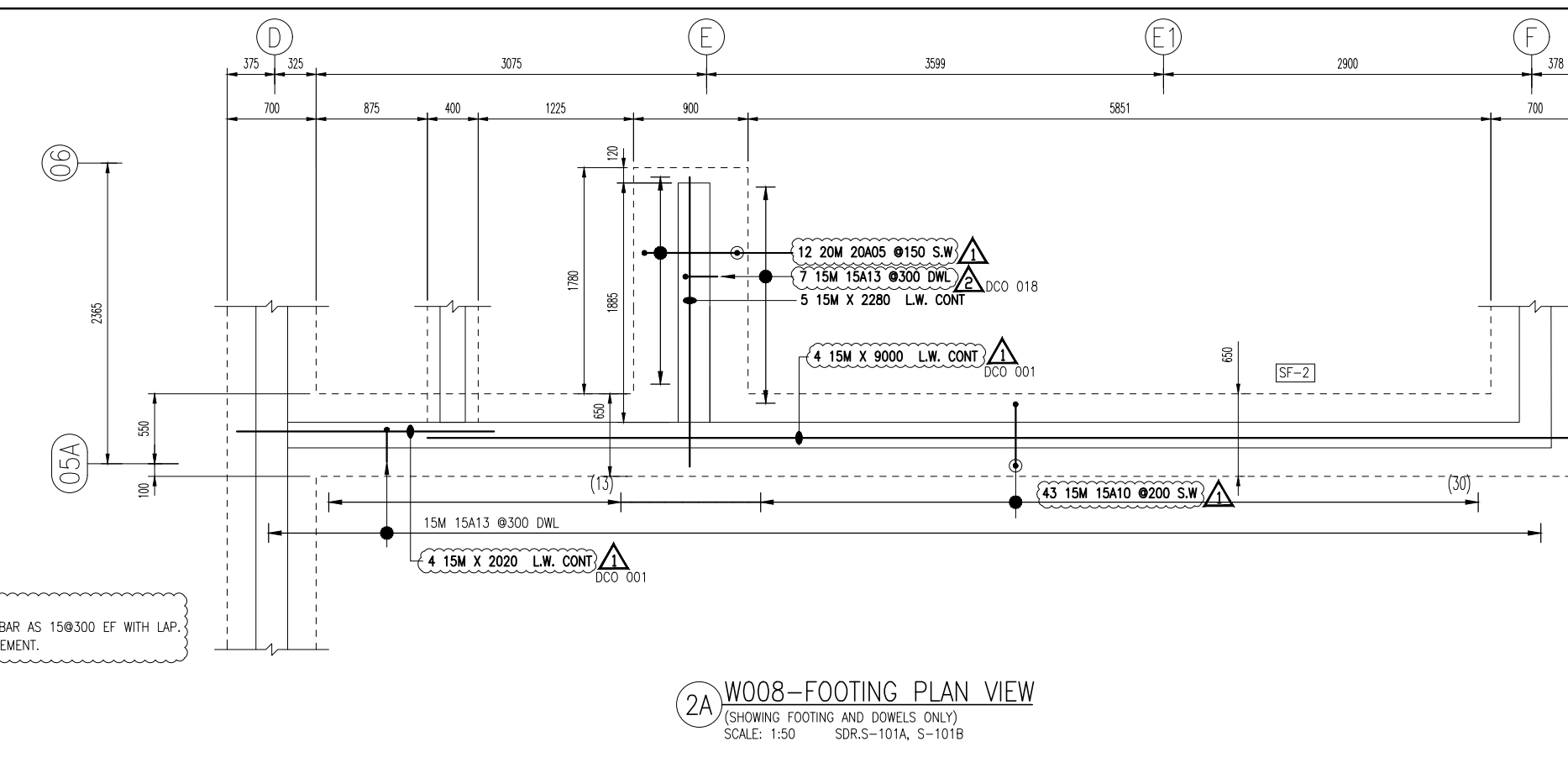
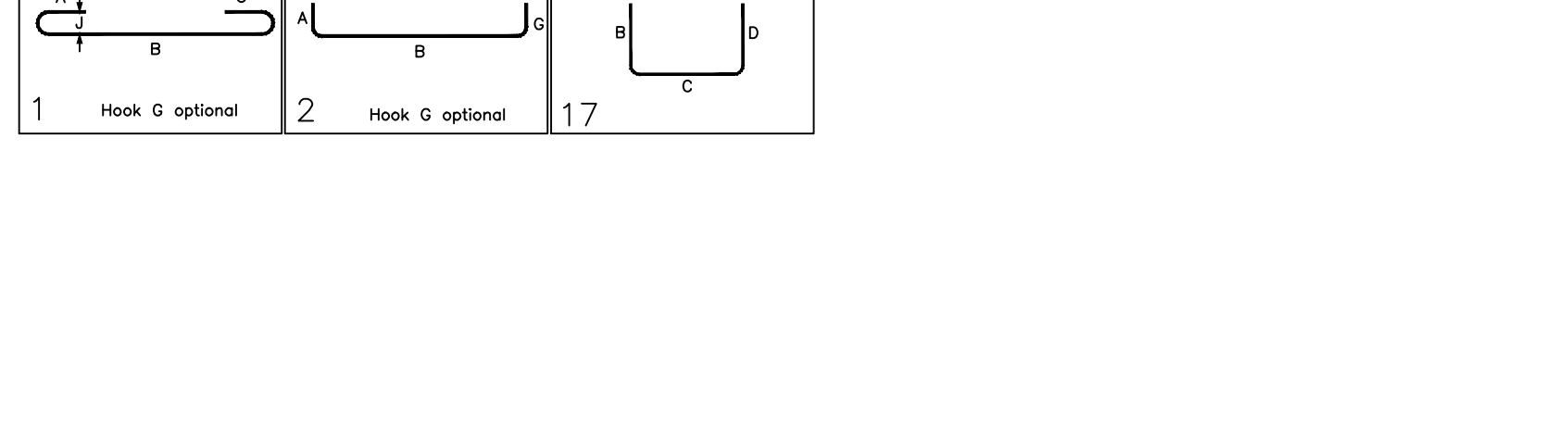
LAP SPlice LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS									
DATA		BAR SIZE		10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $f'_c = 35 \text{ MPa}$	TENSION LAP SPlice			420	620	830	1290	1550	1800
$F_y = 400 \text{ MPa}$ $f'_c = 40 \text{ MPa}$	TENSION LAP SPlice			390	580	770	1210	1450	1690

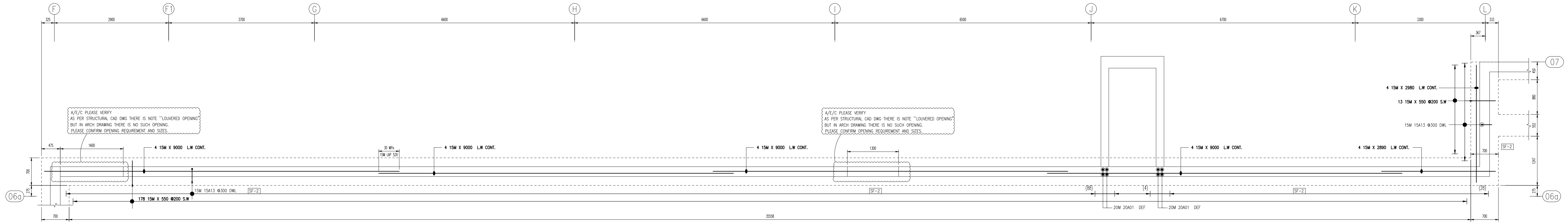


Drawing Sheet : R-WF003

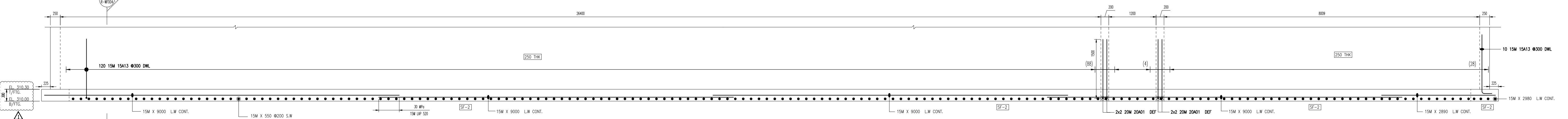
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	X	Y	X'	Y'	X	Y	X'	Y'	X	Y
15A01	34	15M	1050	2			260	790								
15A09	26	15M	810	1			180	450								
15A09	17	15M	810	1			180	450								
15A10	43	15M	860	1			180	500								
15A11	110	15M	910	1			180	550								
15A12	22	15M	710	1			180	350								
15A12	7	15M	710	1			180	350								
15A13	189	15M	1760	2			260	1500								
15A13	7	15M	1760	2			260	1500								
15A14	19	15M	1795	17			295	1500								
20A01	4	20M	1810	2			310	1500								
20A02	72	20M	1285	2			310	975								
20A03	10	20M	1470	2			310	850								
20A04	8	20M	1560	2			310	1250								
20A05	12	20M	1190	1			220	750								

Bar list produced by Robot00 2020



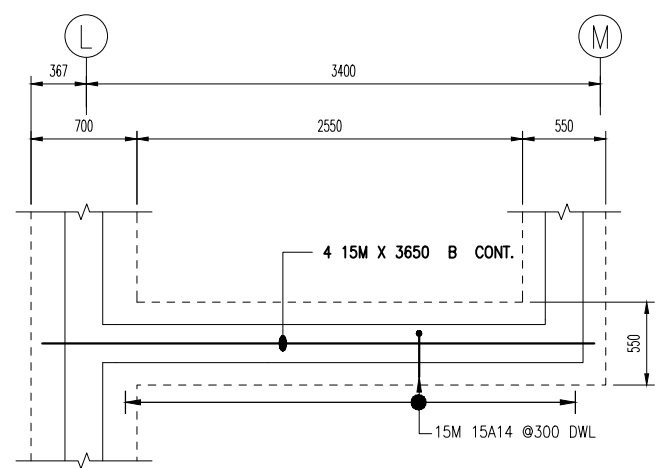


1A W011-FOOTING PLAN VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B

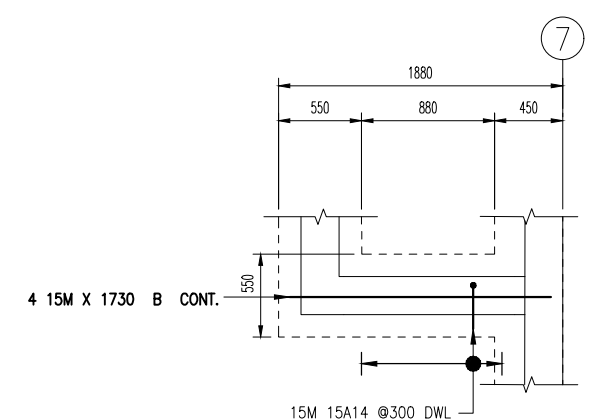


1B W011-FOOTING ELEVATION VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301

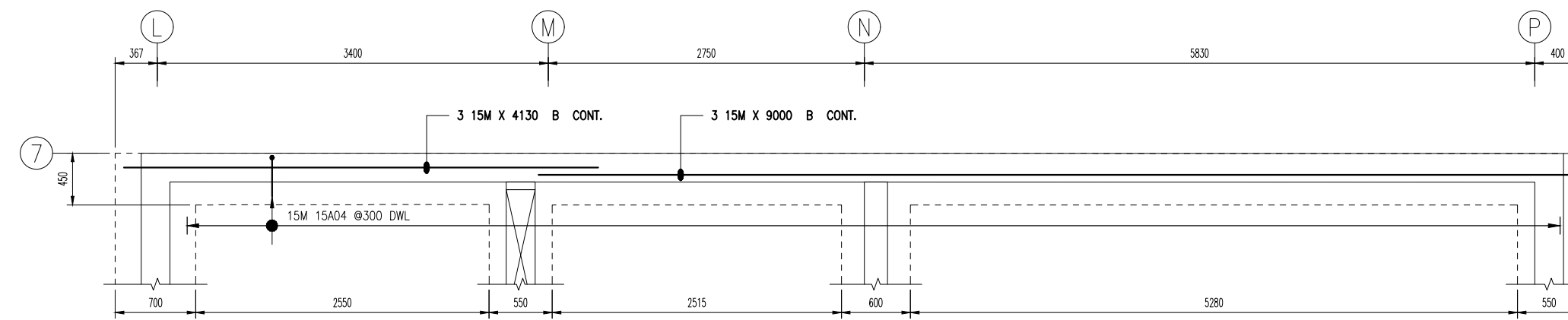
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE						
DATA	BAR SIZE	10	15	20	25	30	35	
F _y = 400 MPa F _c = 35 MPa	TENSION LAP SPLICE	420	620	830	1290	1550	1800	
F _y = 400 MPa F _c = 40 MPa	TENSION LAP SPLICE	390	580	770	1210	1450	1690	



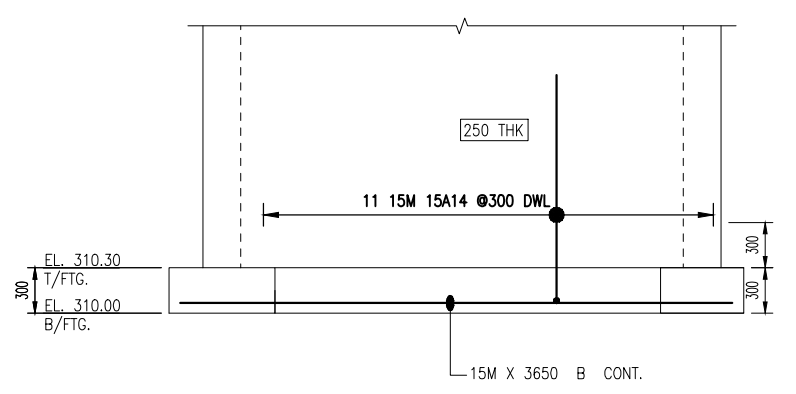
2A W012-FOOTING PLAN VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B



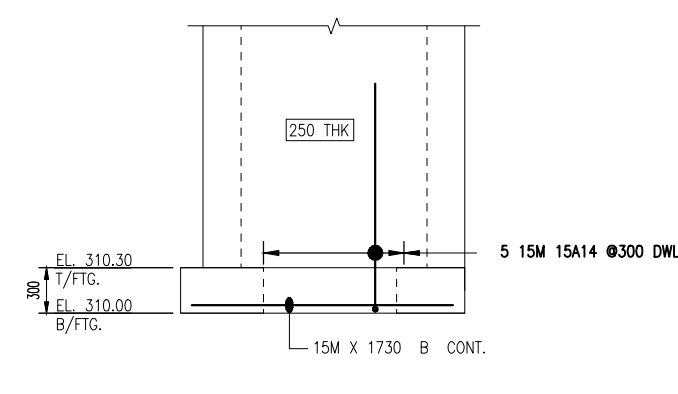
3A W013-FOOTING PLAN VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301



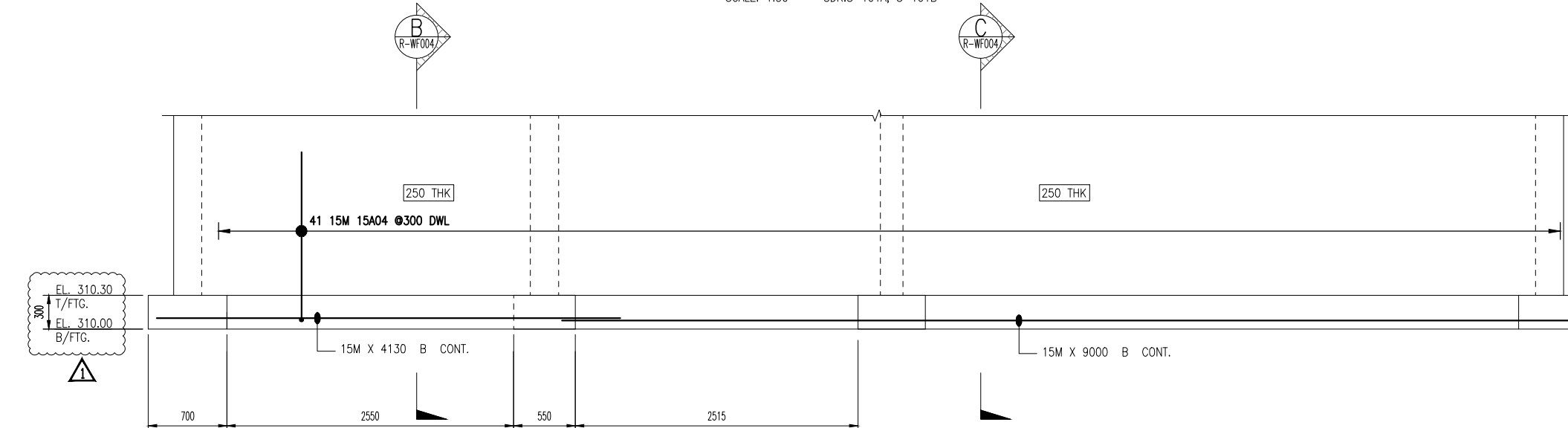
4A W014-FOOTING PLAN VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301



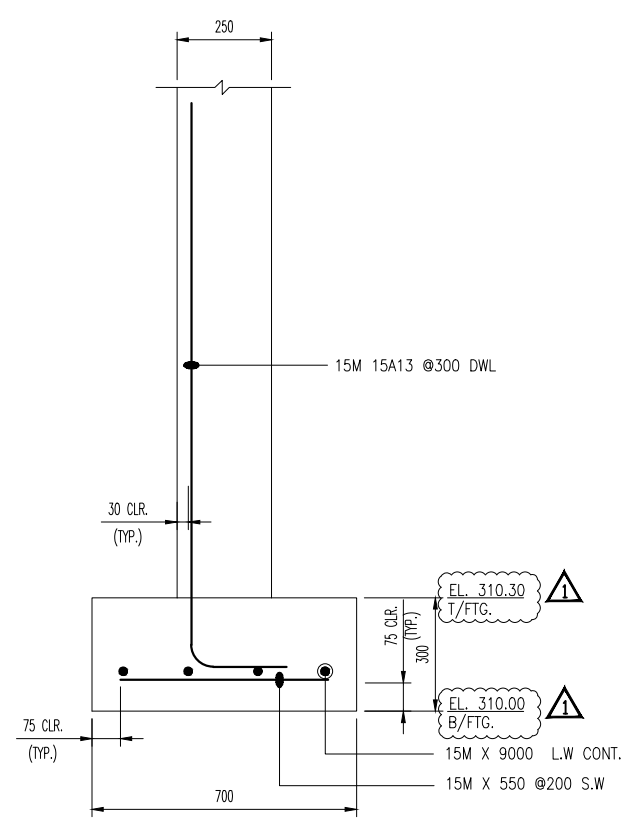
2B W012-FOOTING ELEVATION VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301



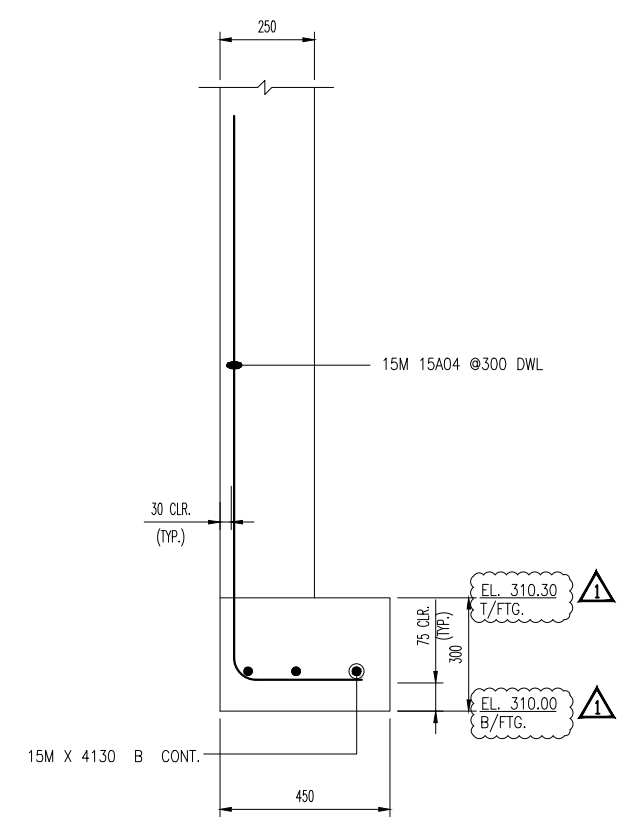
3B W013-FOOTING ELEVATION VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301



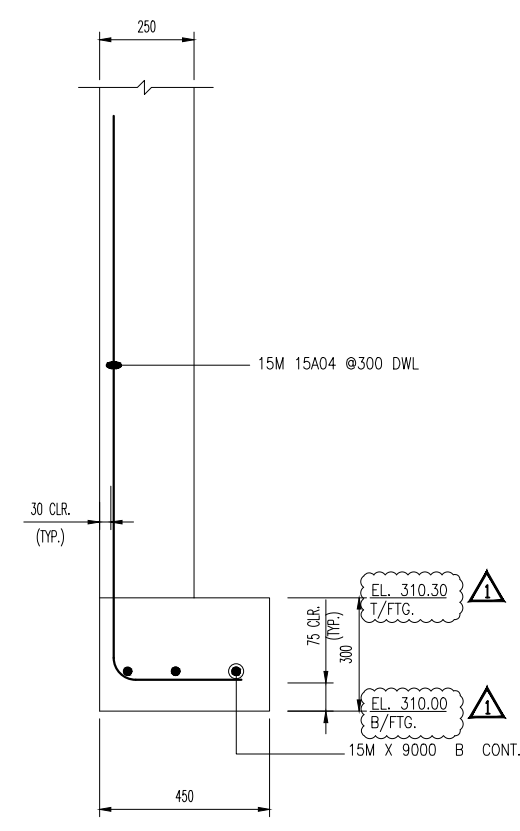
4B W014-FOOTING ELEVATION VIEW
(SHOWING FOOTING AND DOWEL ONLY)
SCALE: 1:50 SDR.S-101A, S-101B & S-301



A SECTION
SCALE: 1:20 SDR. 1/5-301



B SECTION
SCALE: 1:20 SDR. 4/5-301



C SECTION
SCALE: 1:20 SDR. 2/5-301

Drawing Sheet : R-WF004		BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	C'	Y'	C'	Y'	C'	Y'	C'	Y'	C'	Y'	C'
15A04	4	15M	1845	17		345	1500										
15A13	130	15M	1780	2	280	1500											
15A14	16	15M	1795	17		295	1500										
20A01	8	20M	1810	2	310	1500											

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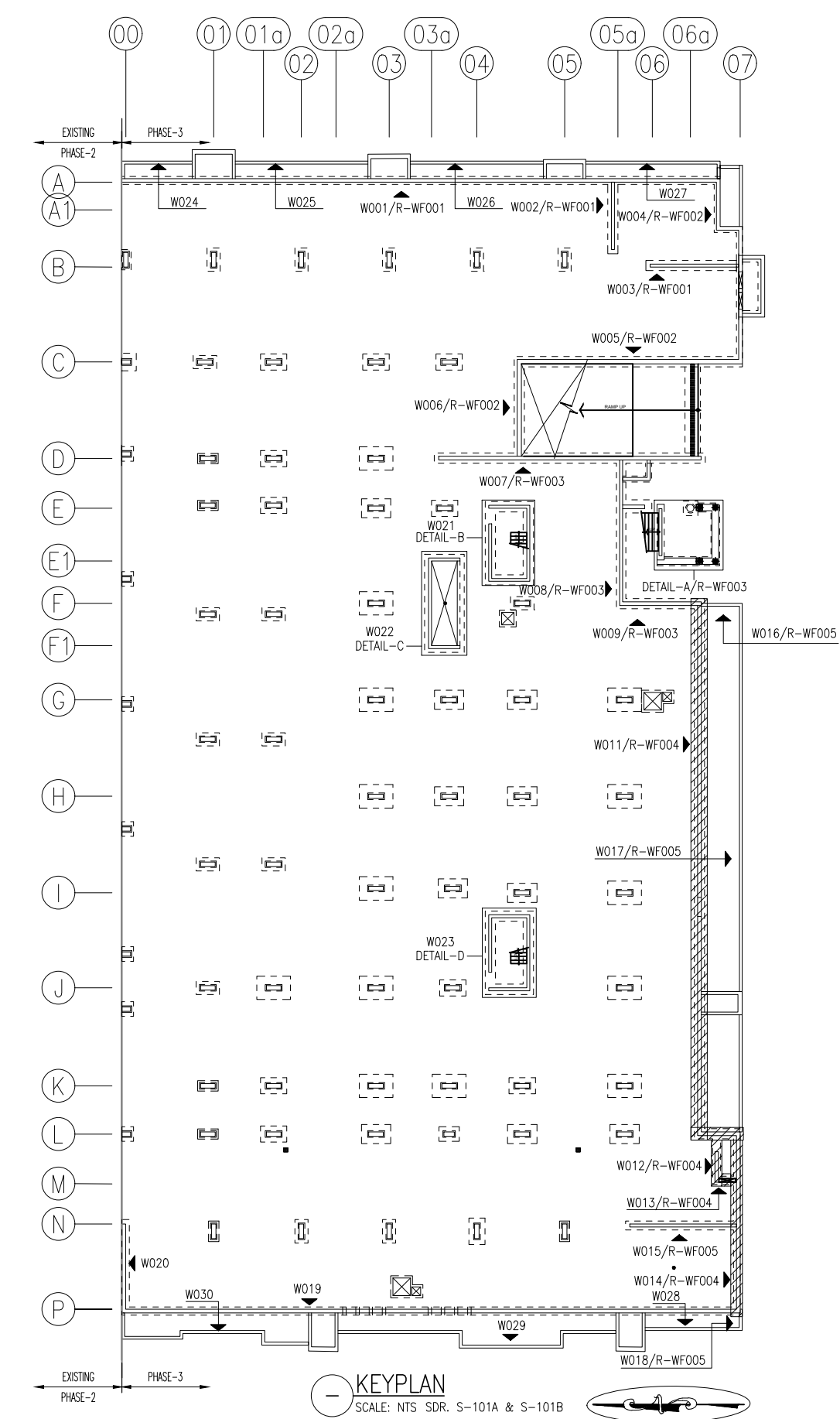
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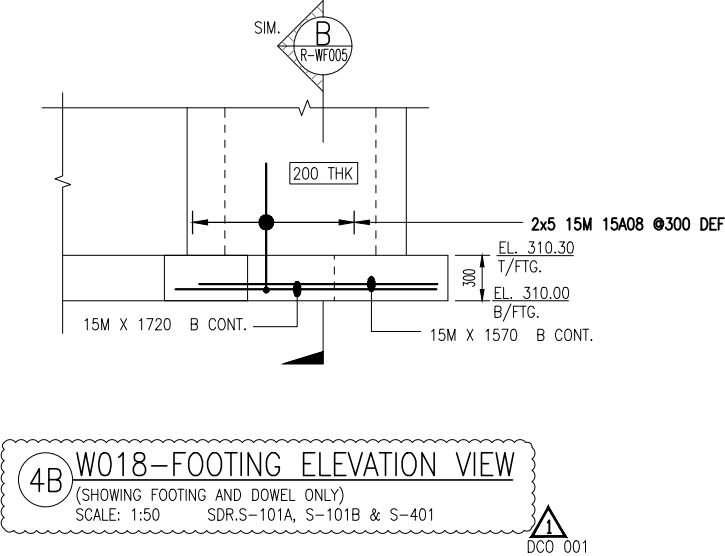
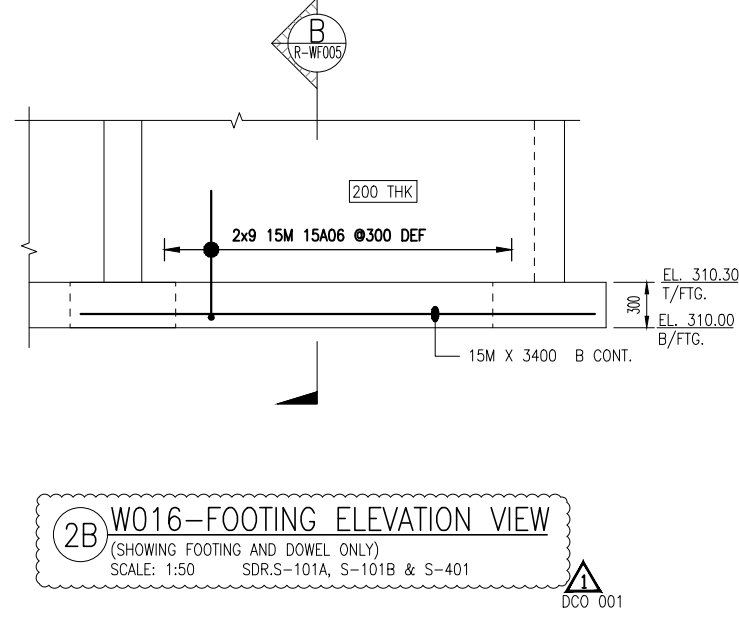
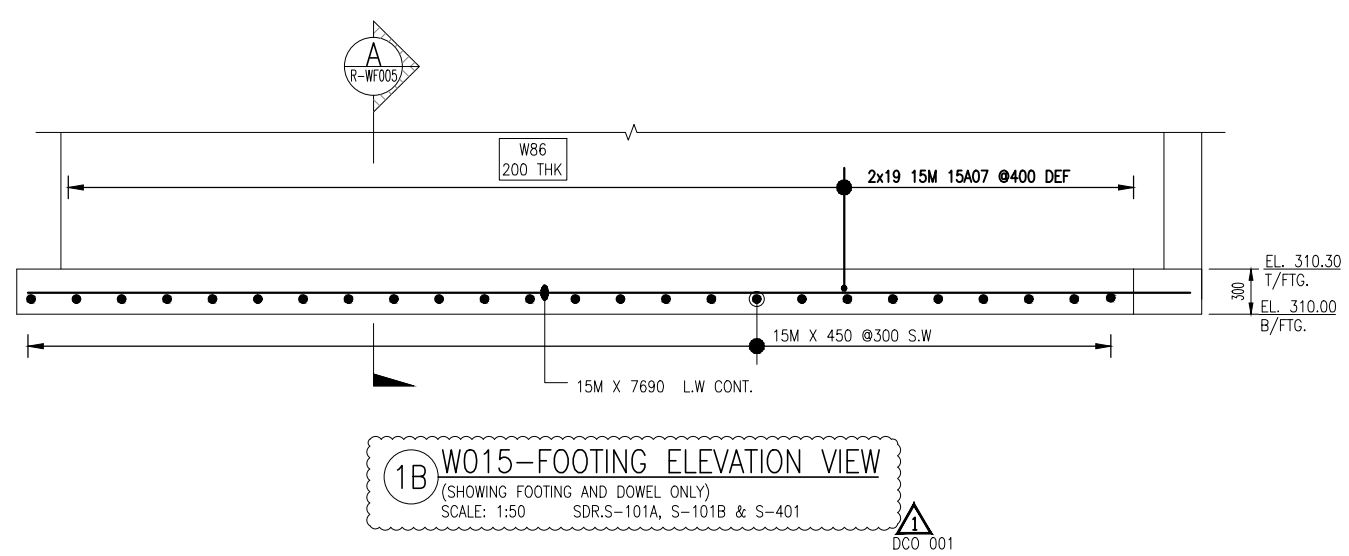
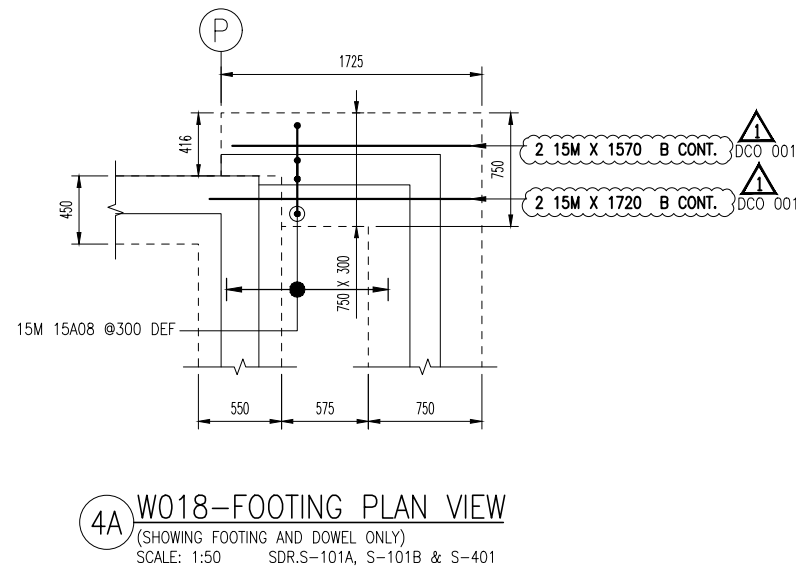
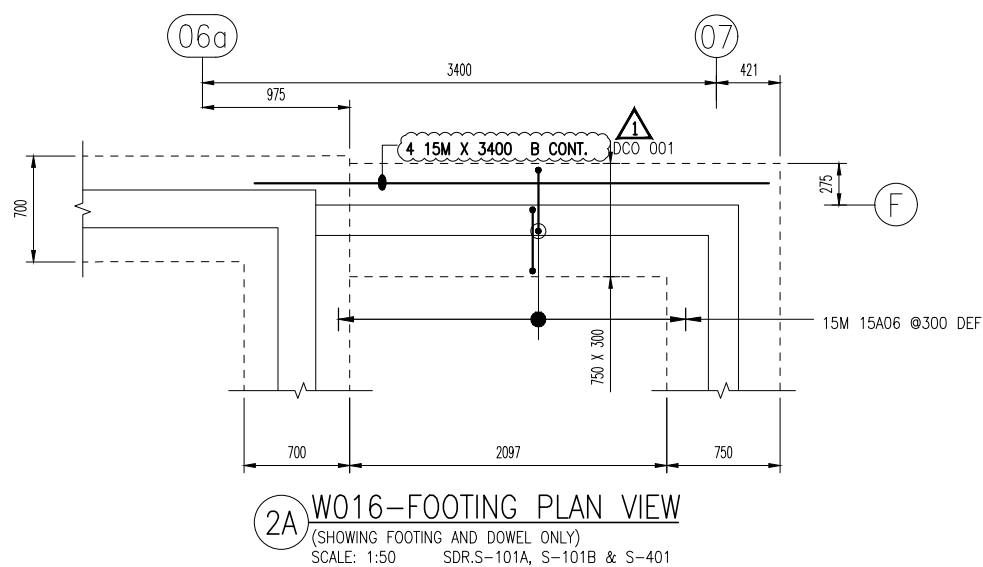
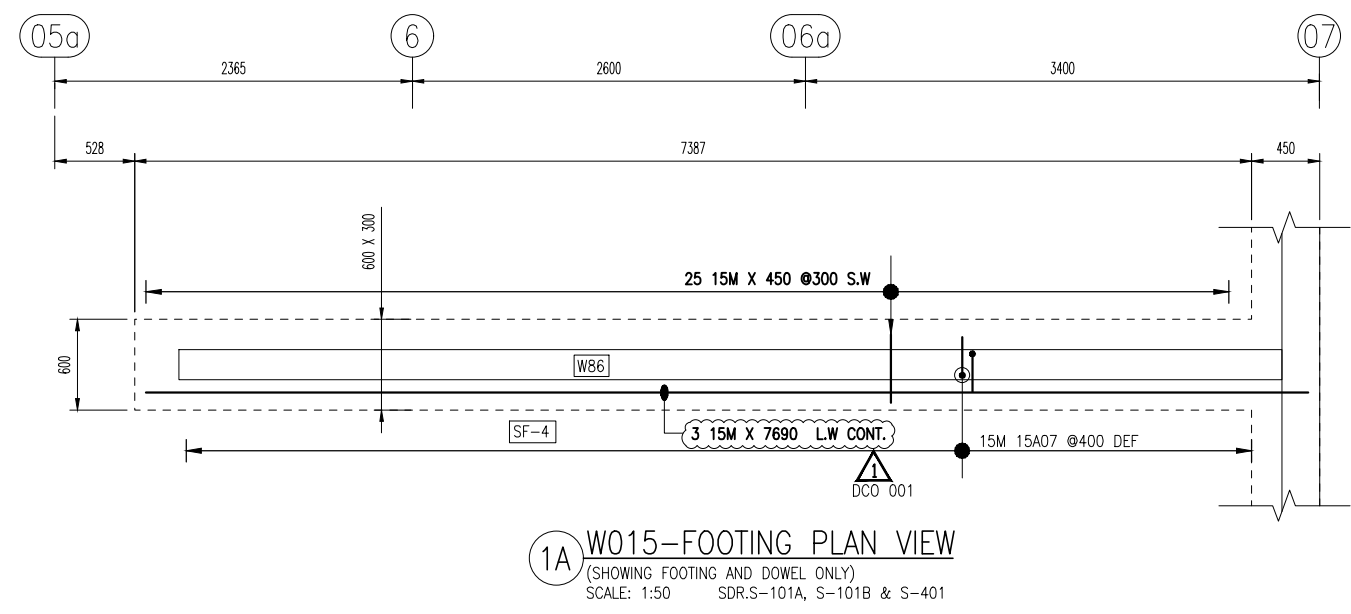
2

Hook G optional

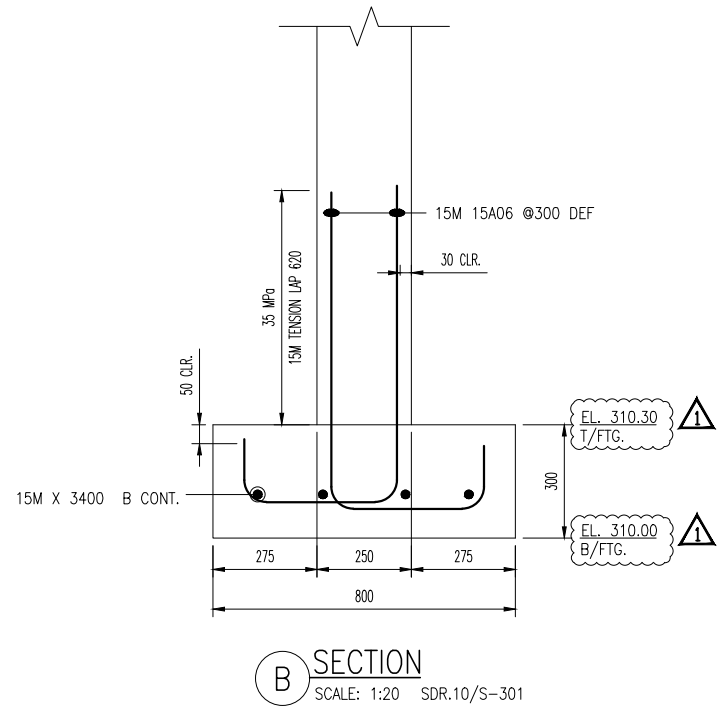
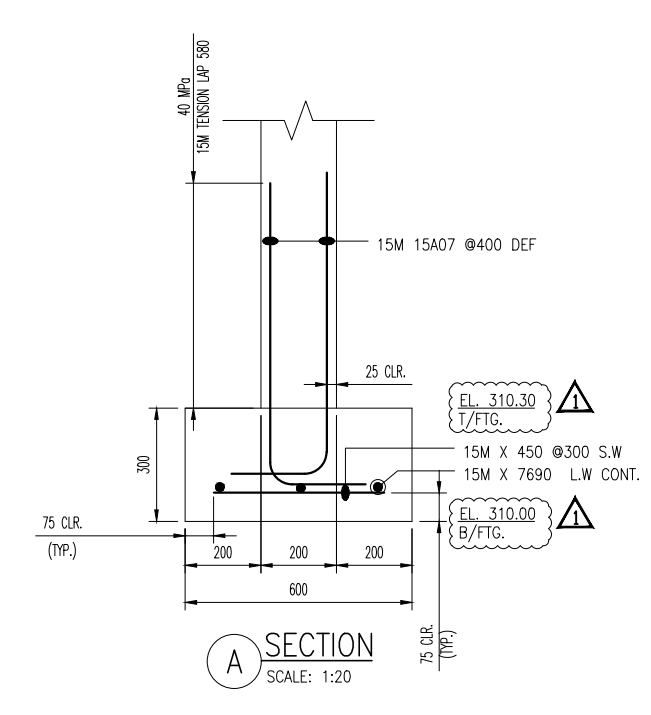
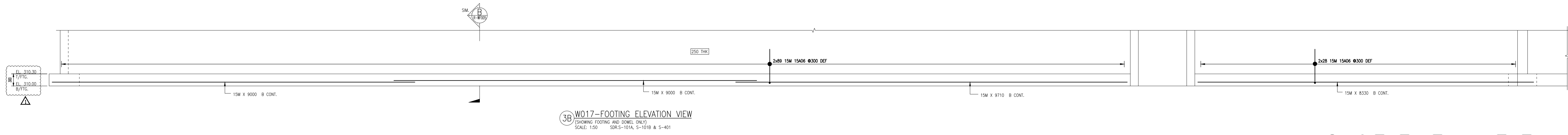
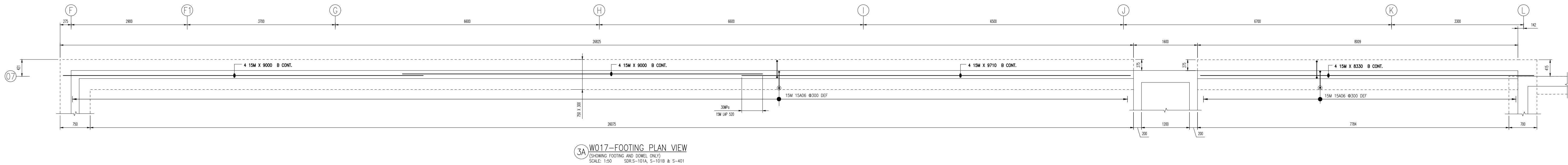
17



KEYPLAN
SCALE: NTS SDR. S-101A & S-101B

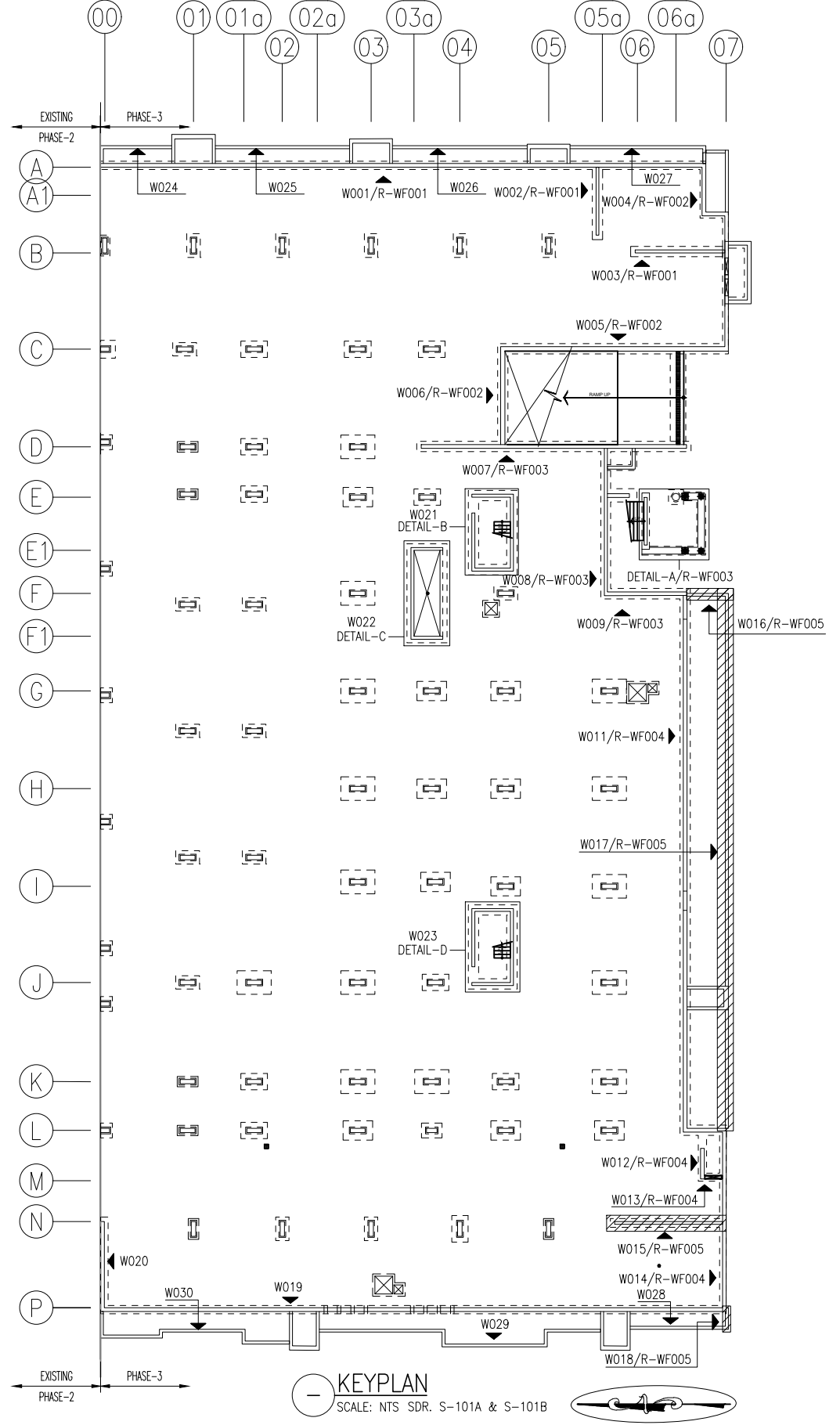


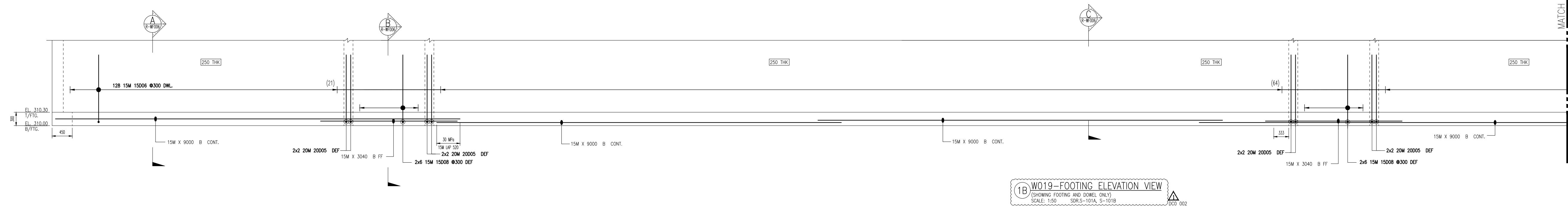
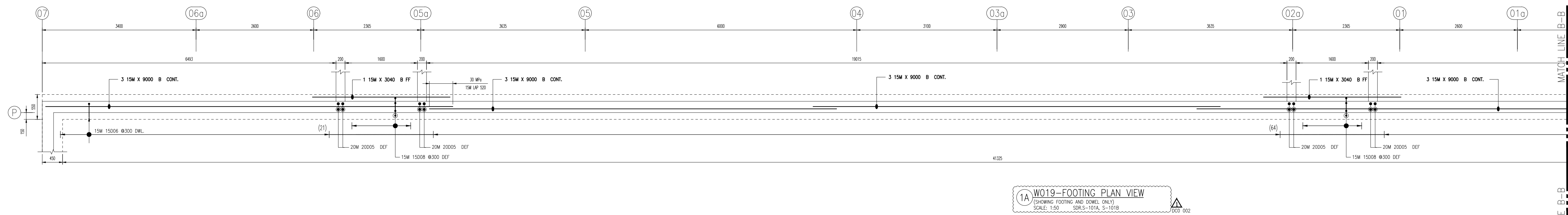
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA	TENSION	10	15	20	25	30	35
F _y = 400 MPa F _c = 35 MPa	LAP SPLICE	420	620	830	1290	1550	1800
F _y = 400 MPa F _c = 40 MPa	LAP SPLICE	390	580	770	1210	1450	1690



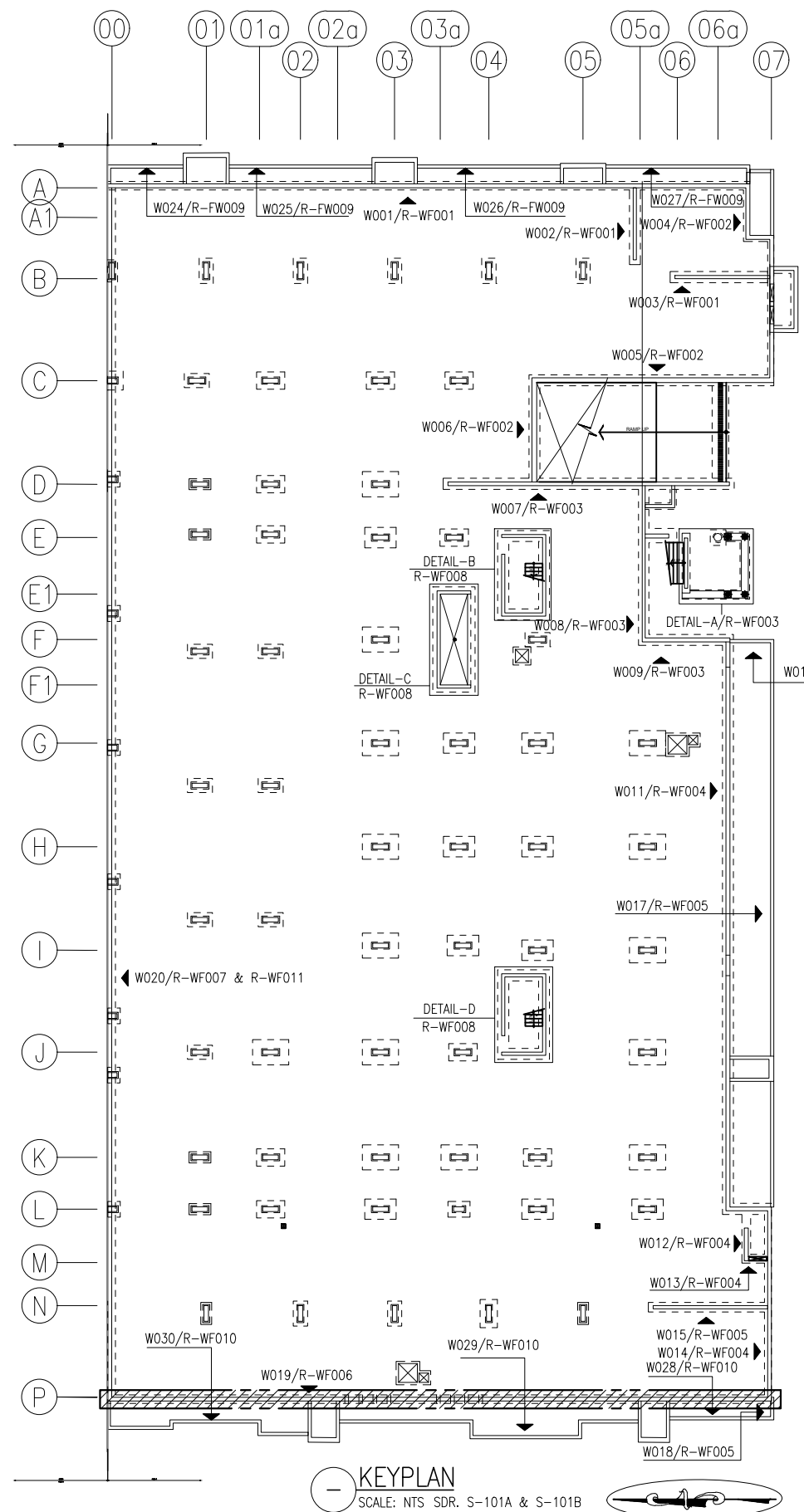
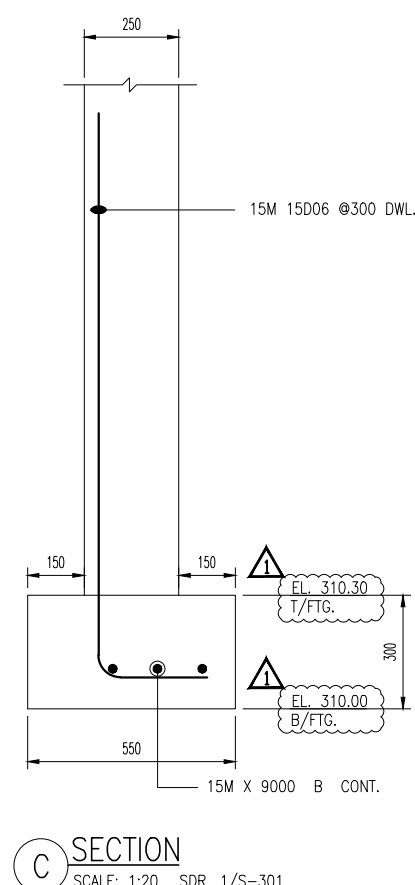
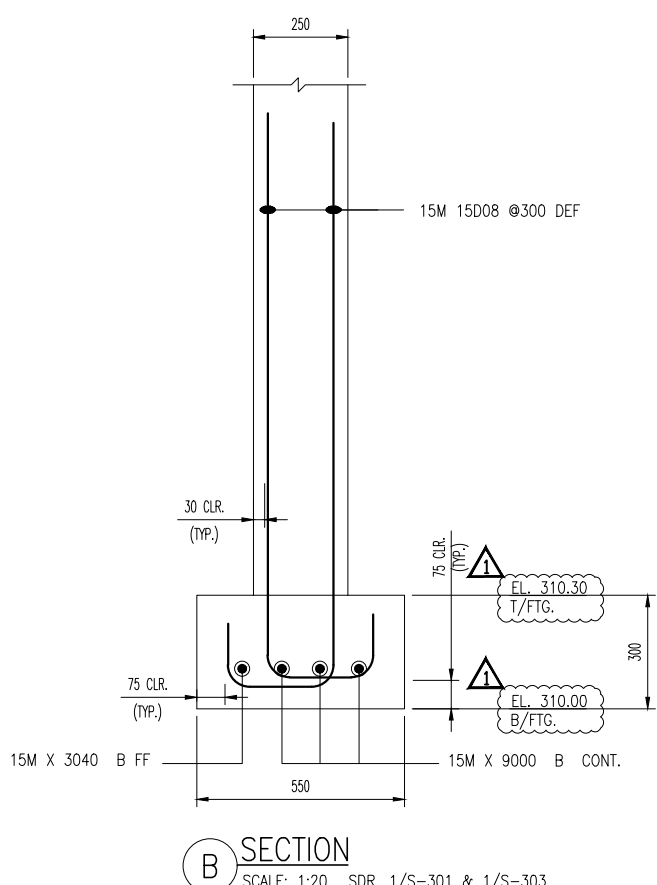
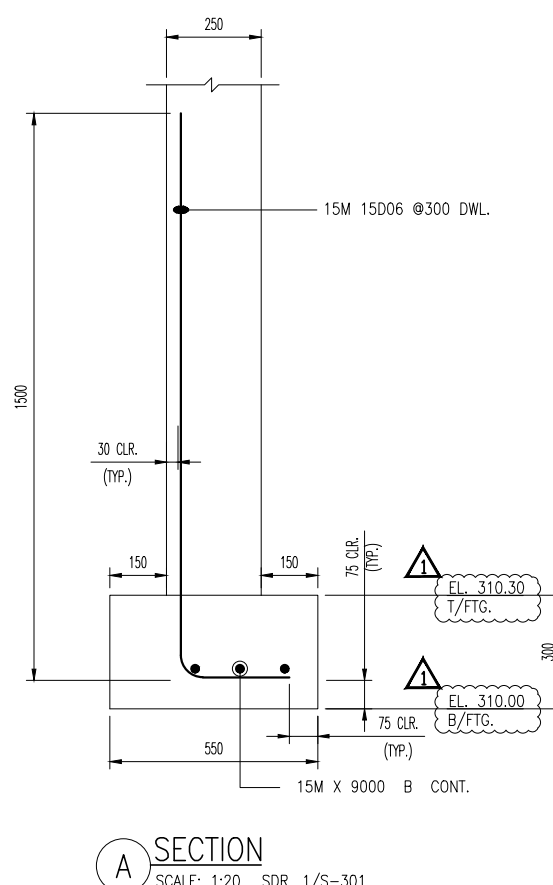
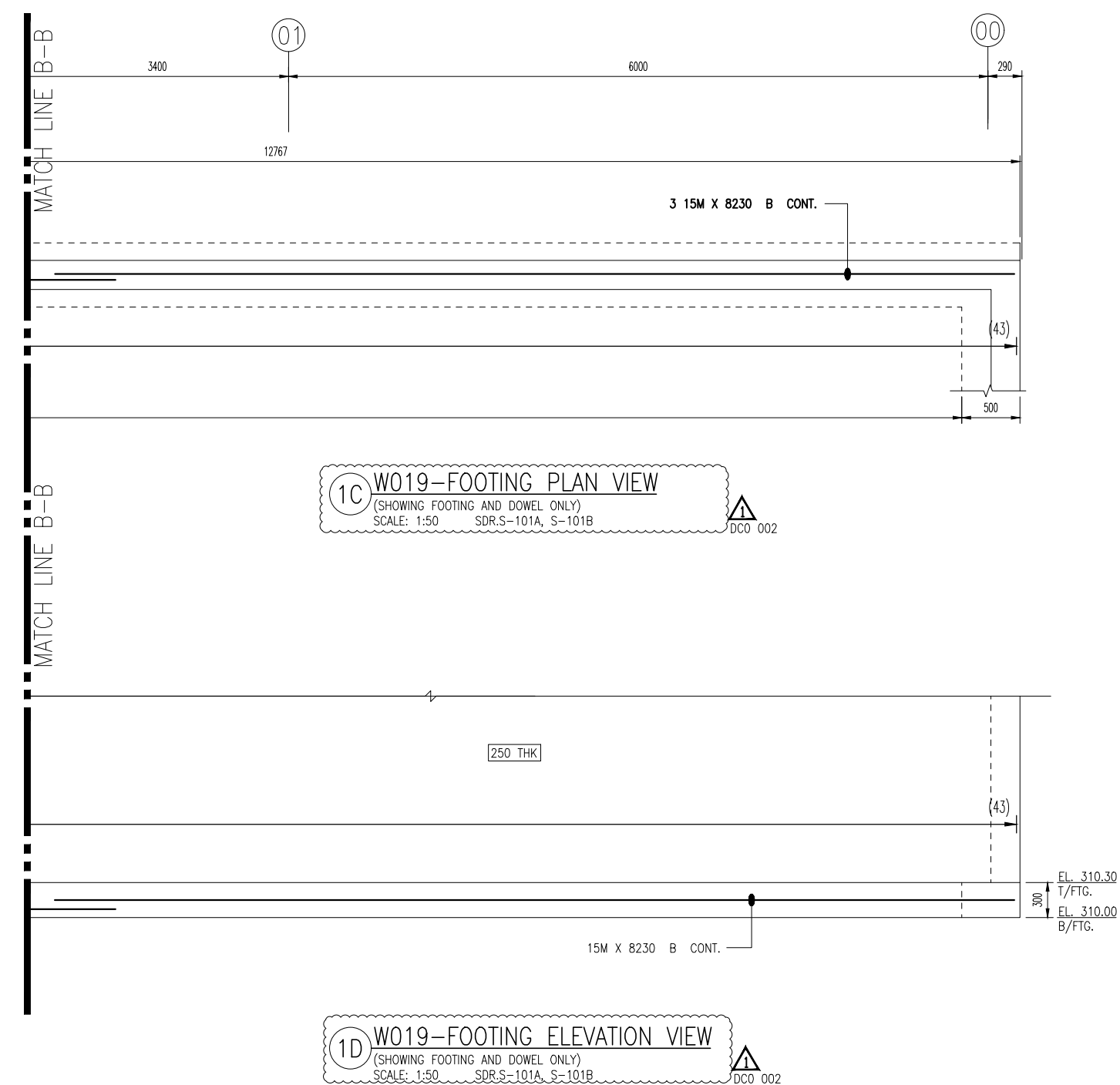
Drawing Sheet : R-WF005				BAR LIST													
Bar Mark	Qty	Size	Total Length	Type	X'	Y'	V'	U'	Y'	V'	U'	Y'	V'	U'	Y'	V'	U'
15406	250	15M	1440	17		845	420	175									
15407	38	15M	1065	2	260	805											
15408	10	15M	1390	17		845	370	175									

for let produced by H&B 2020

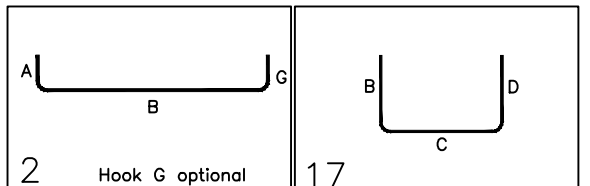


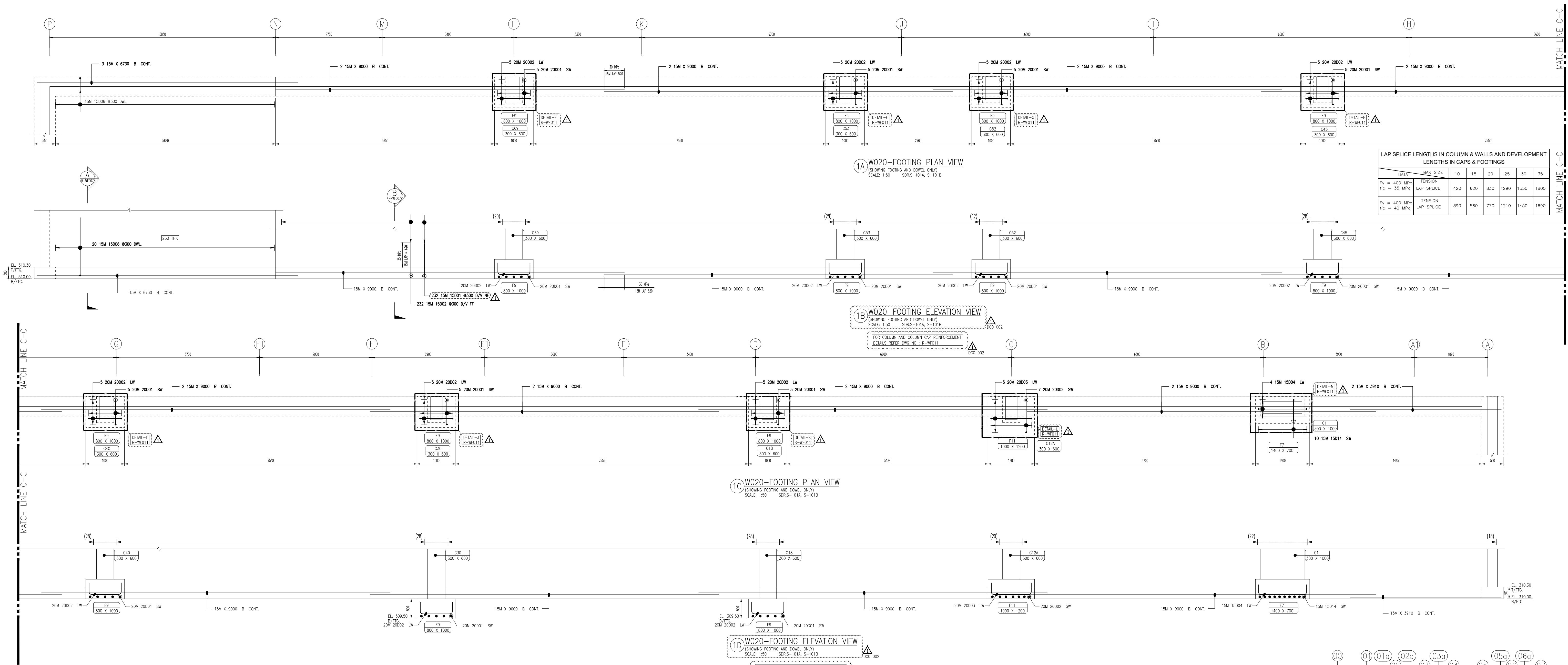


DATA		BAR SIZE						
		TENSION						
		LAP SPLICE						
F _y = 400 MPa		420	620	830	1290	1550	1800	
F _c = 35 MPa								
F _y = 400 MPa		380	580	770	1210	1450	1690	
F _c = 40 MPa								

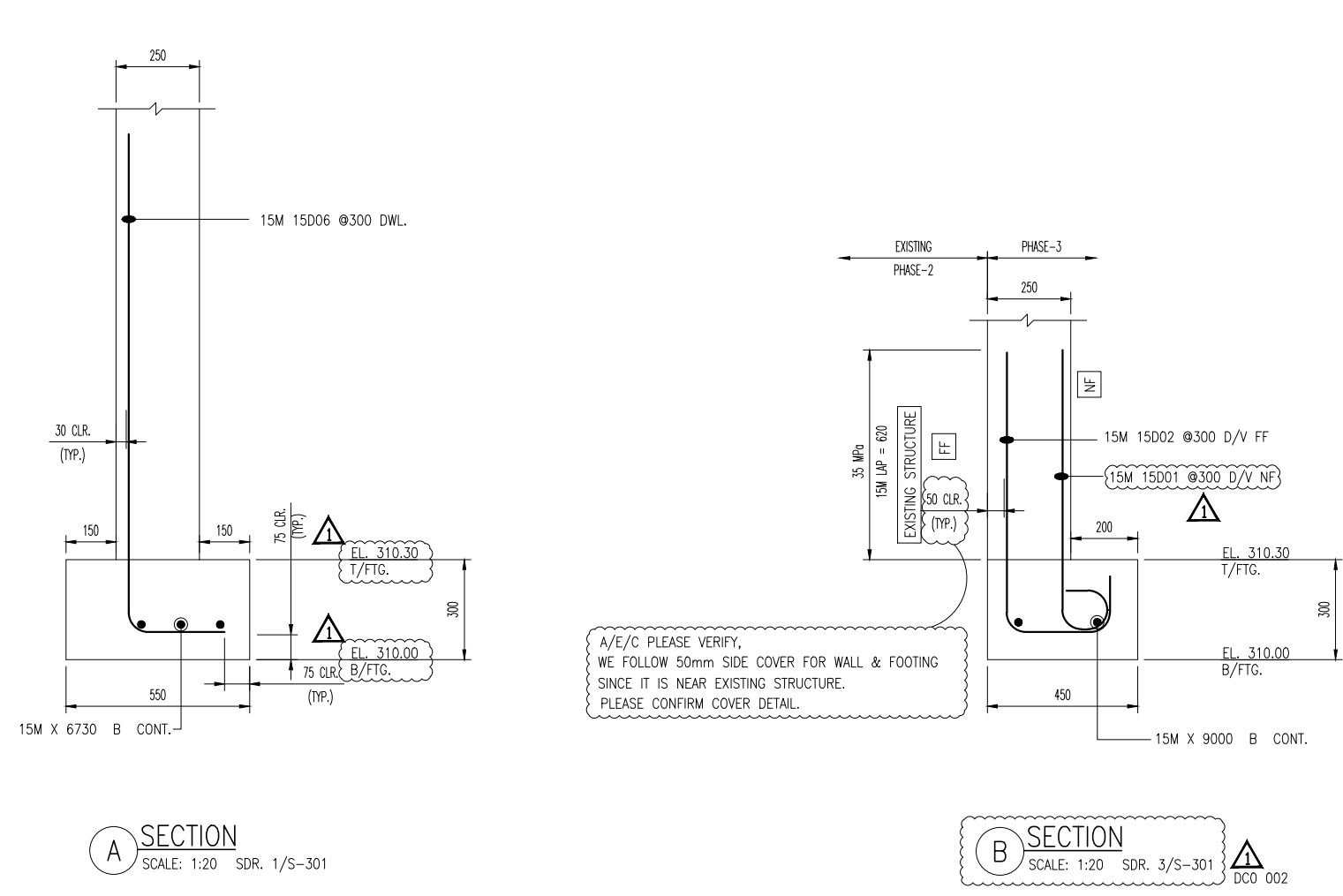


Drawing Sheet : R-WF006		BWP LIST															
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'
15006	128	15M	1795	17		295	1500										
15008	24	15M	1970	17		1500	295	175									
20005	16	20M	1810	2	310	1500											

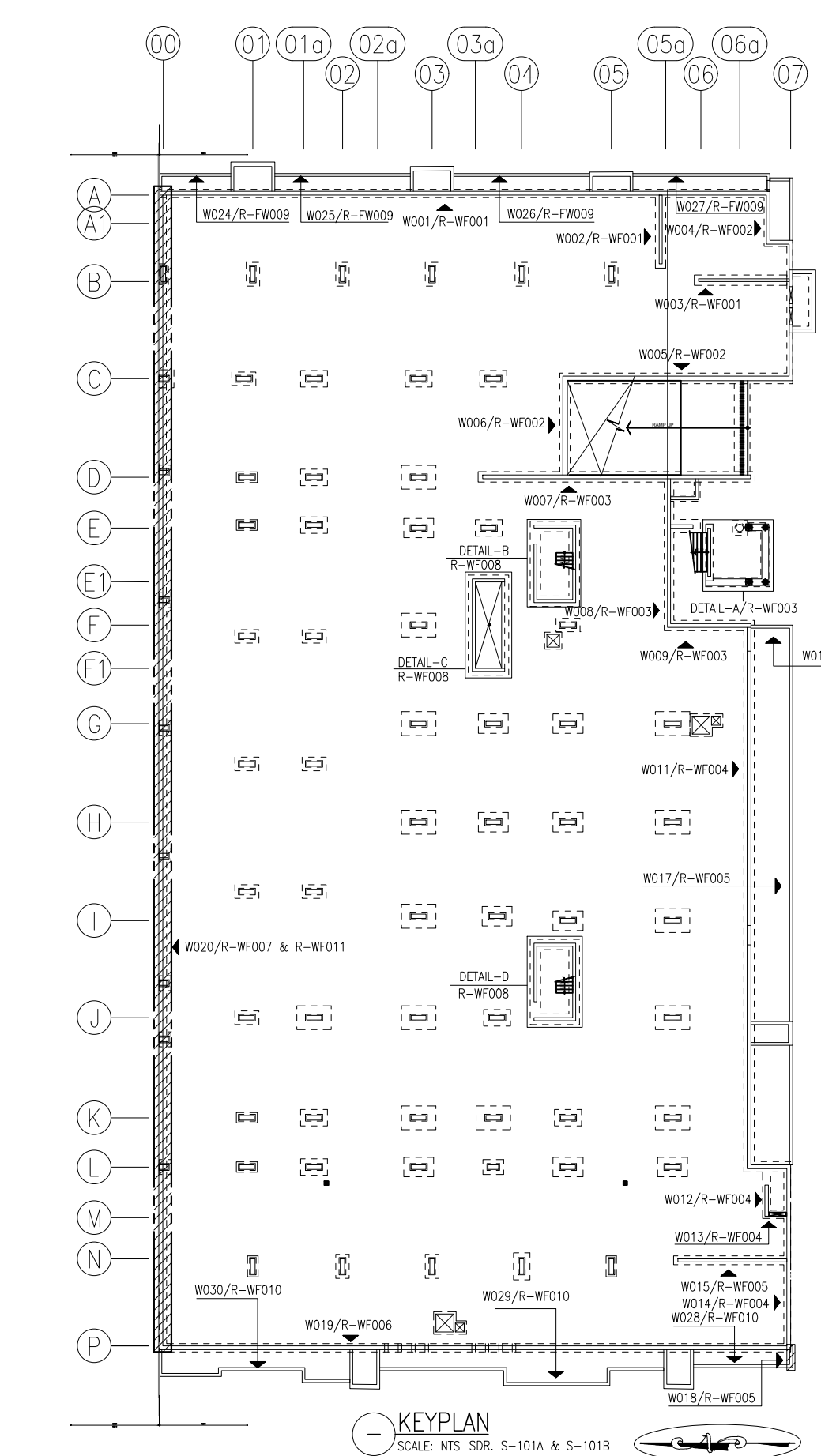
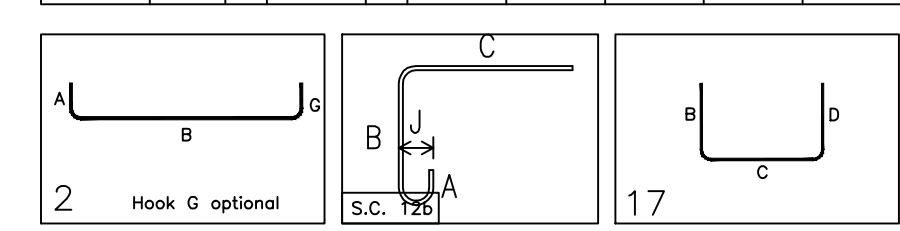


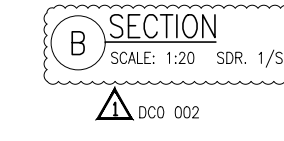
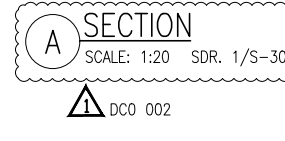


LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE				
DATA		10	15	20	25	35
F _y = 400 MPa F _c = 35 MPa	TENSION					
	LAP SPLICE	420	620	830	1280	1800
F _y = 400 MPa F _c = 40 MPa	TENSION					
	LAP SPLICE	390	580	770	1210	1690

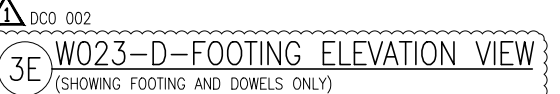
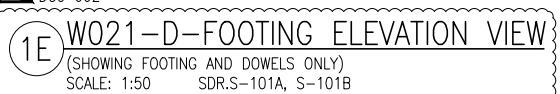
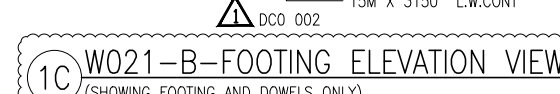
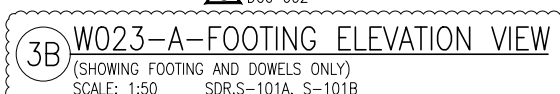
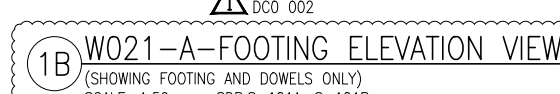


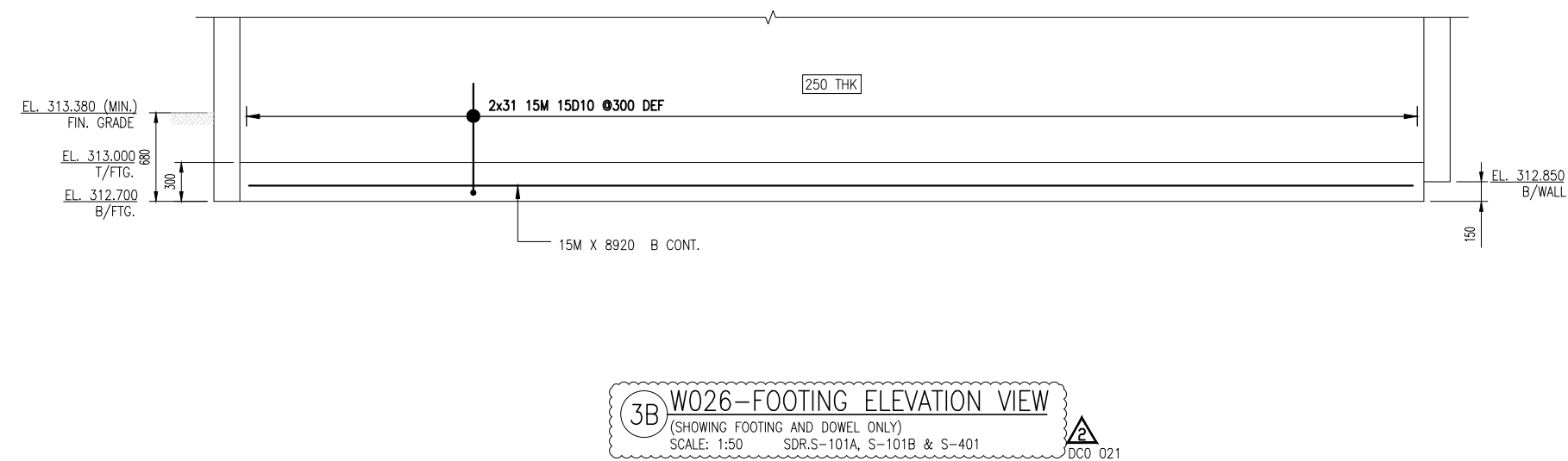
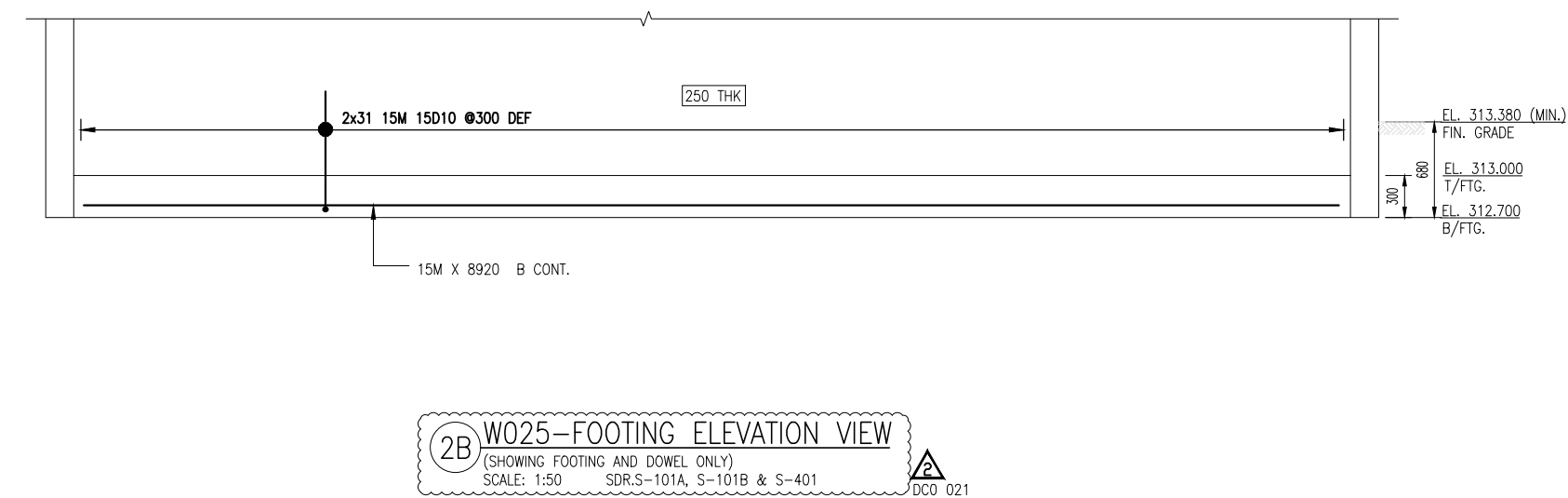
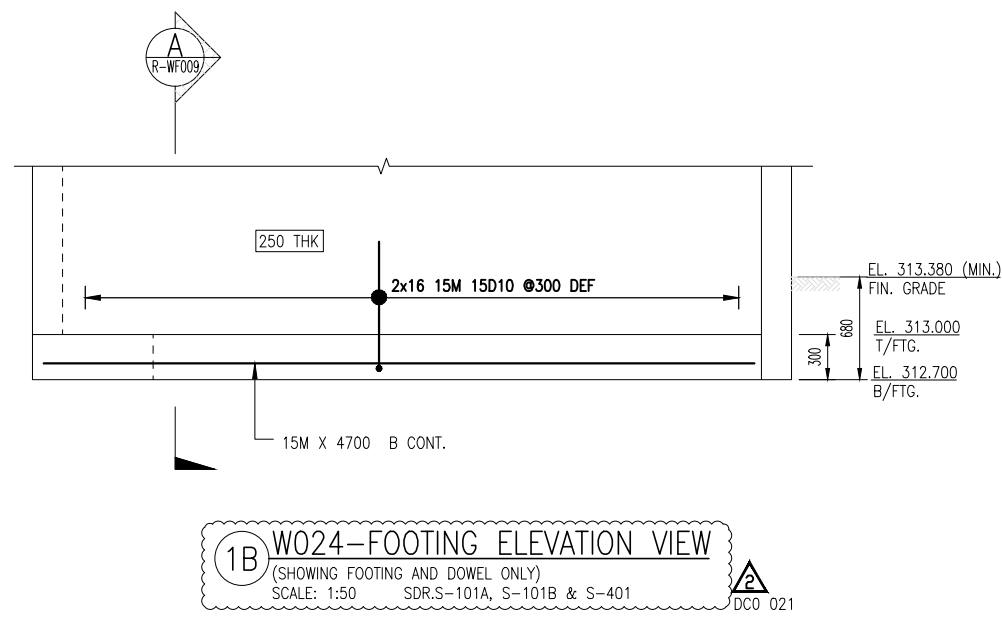
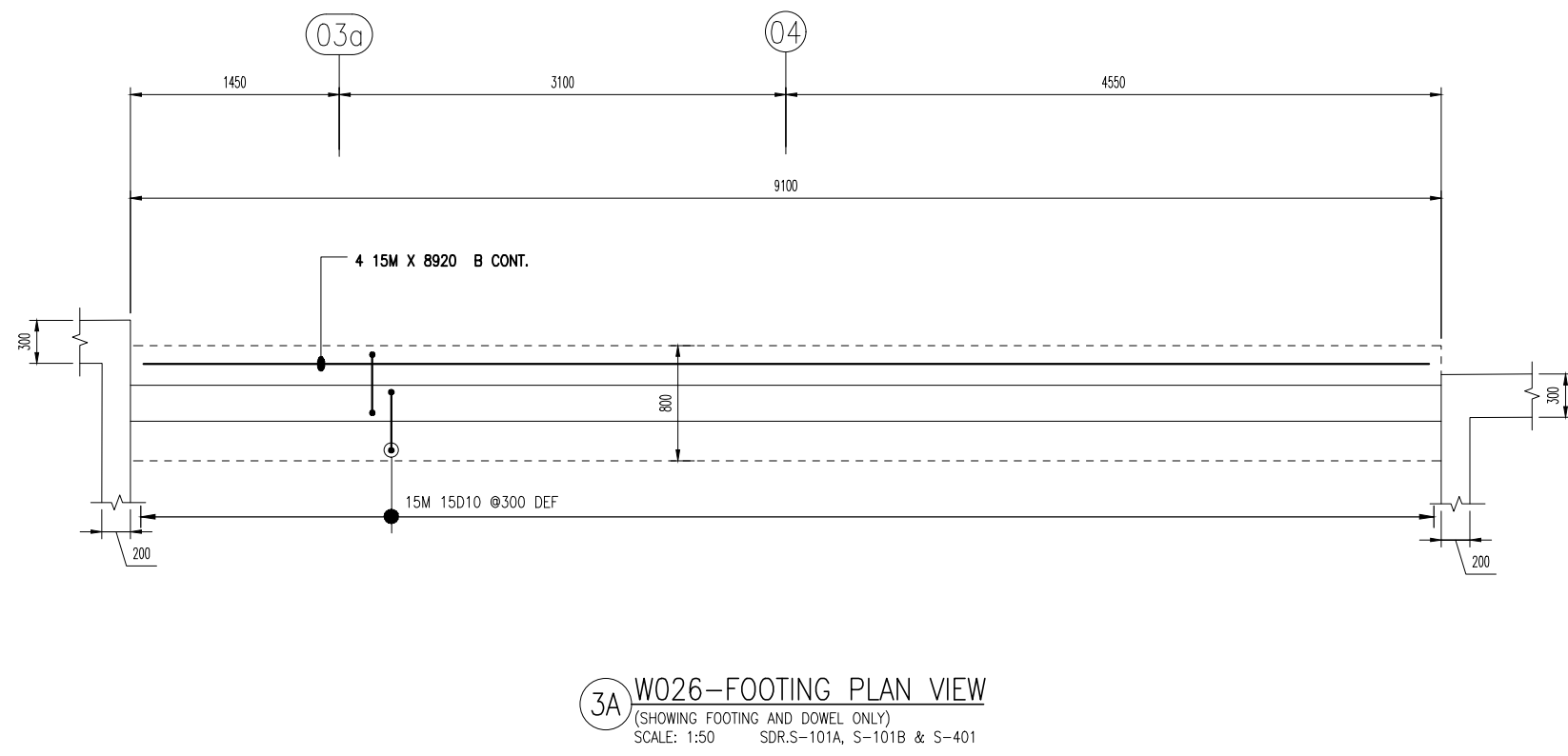
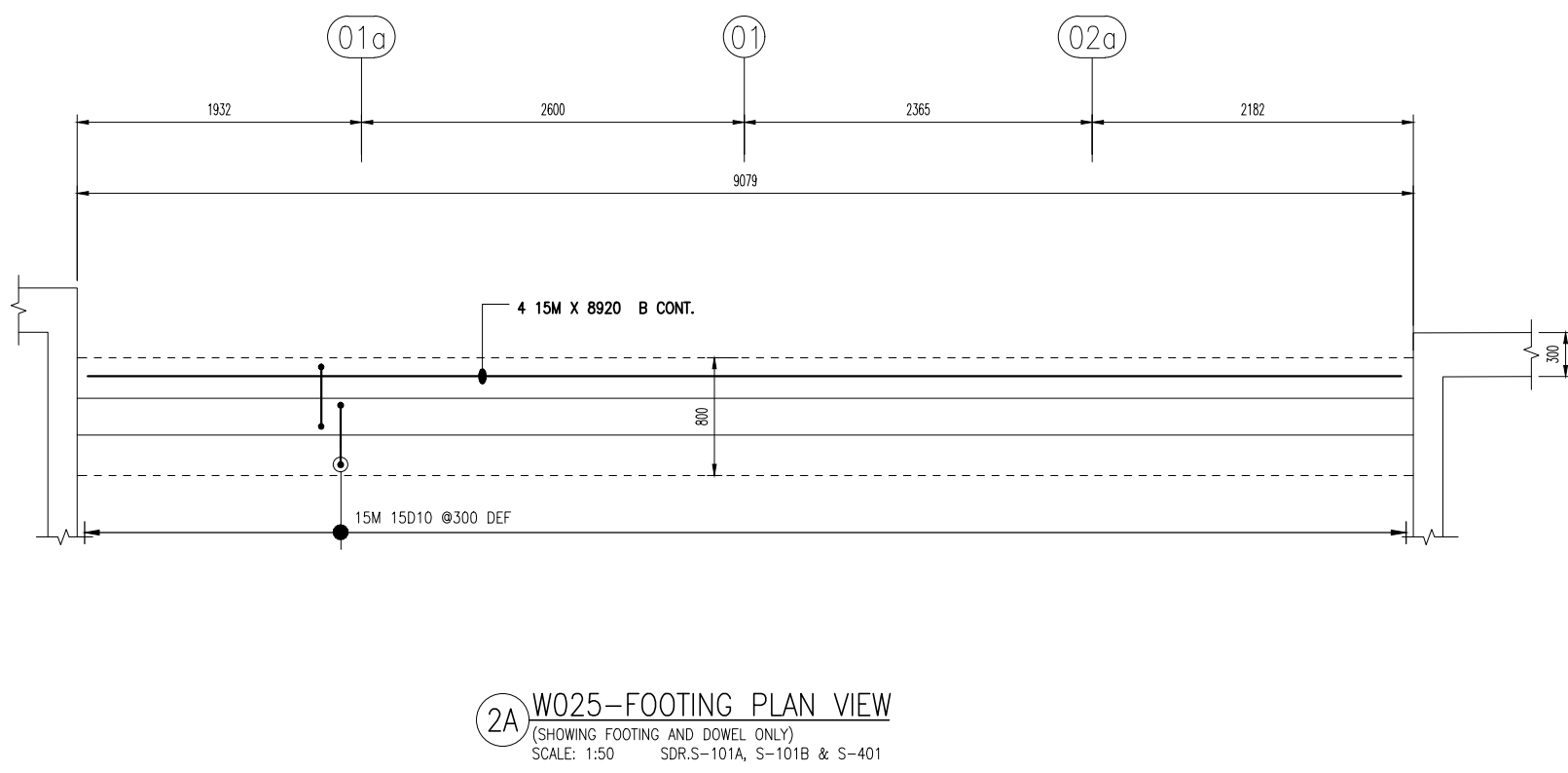
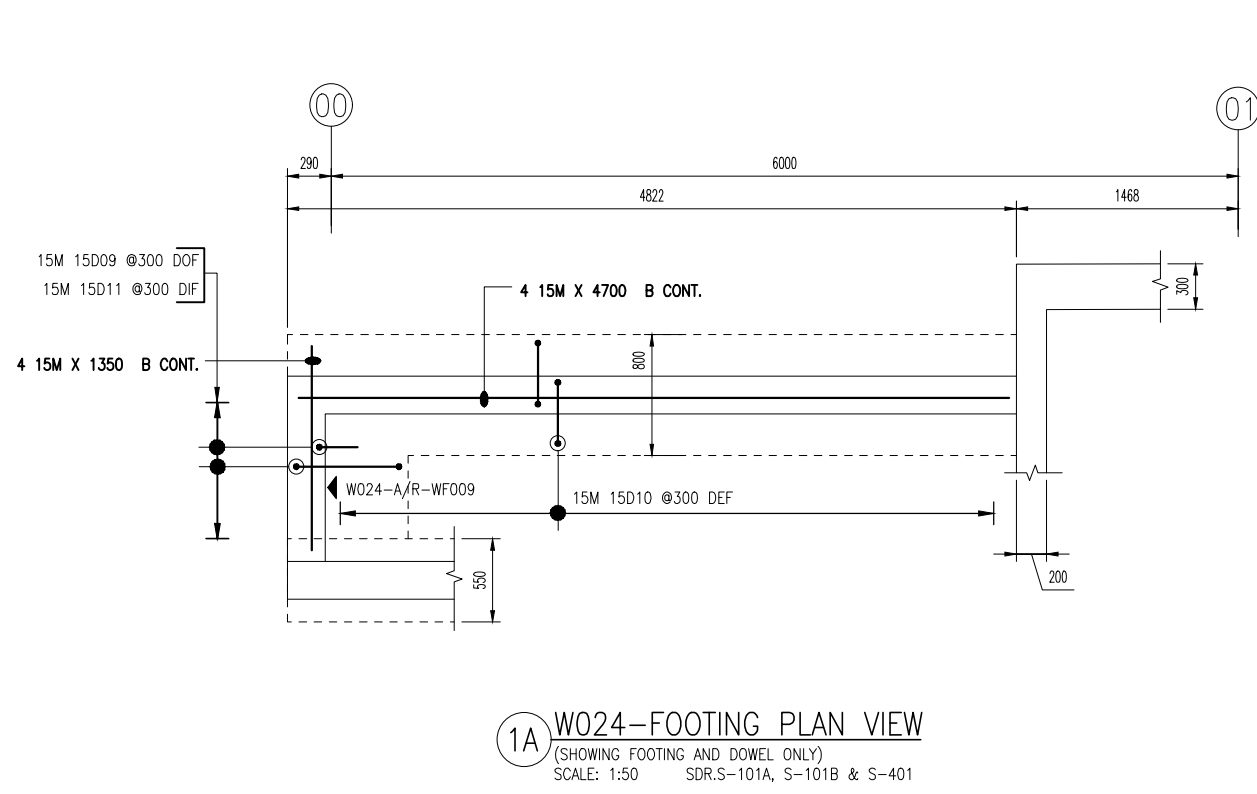
Drawing Sheet : R-WF007				BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	X	Y	C	T	E	F	G	H	I	J	K
15001	232	15M	1173	126	180	150	845								
15002	232	15M	1345	17			845	325	175						
15004	4	15M	1770	2	260	1250					260				
15006	20	15M	1785	17			295	1500							
15014	10	15M	1070	2	260	500					260				
20001	35	20M	1270	2	310	650					310				
20002	42	20M	1470	2	310	650					310				
20003	5	20M	1670	2	310	1050					310				



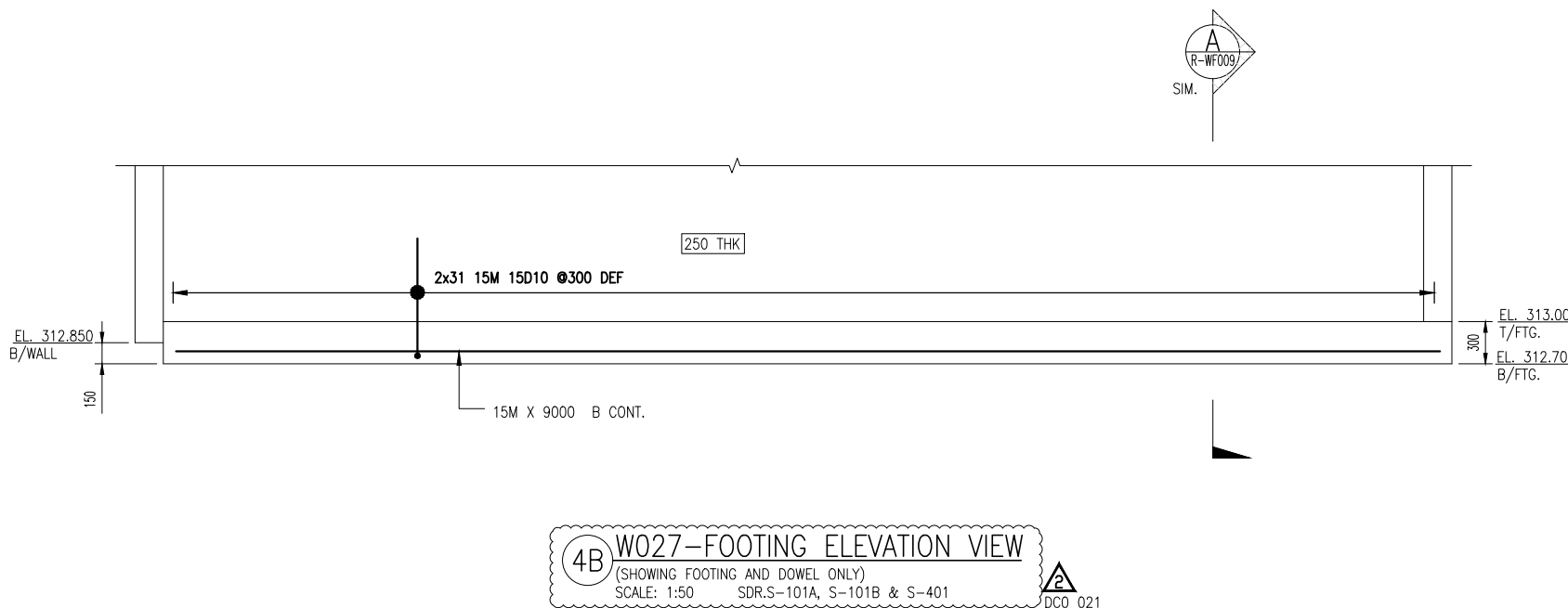
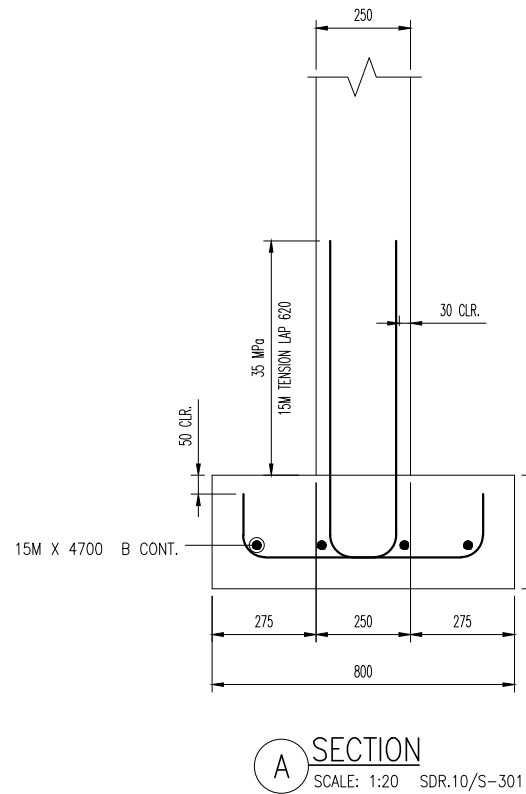
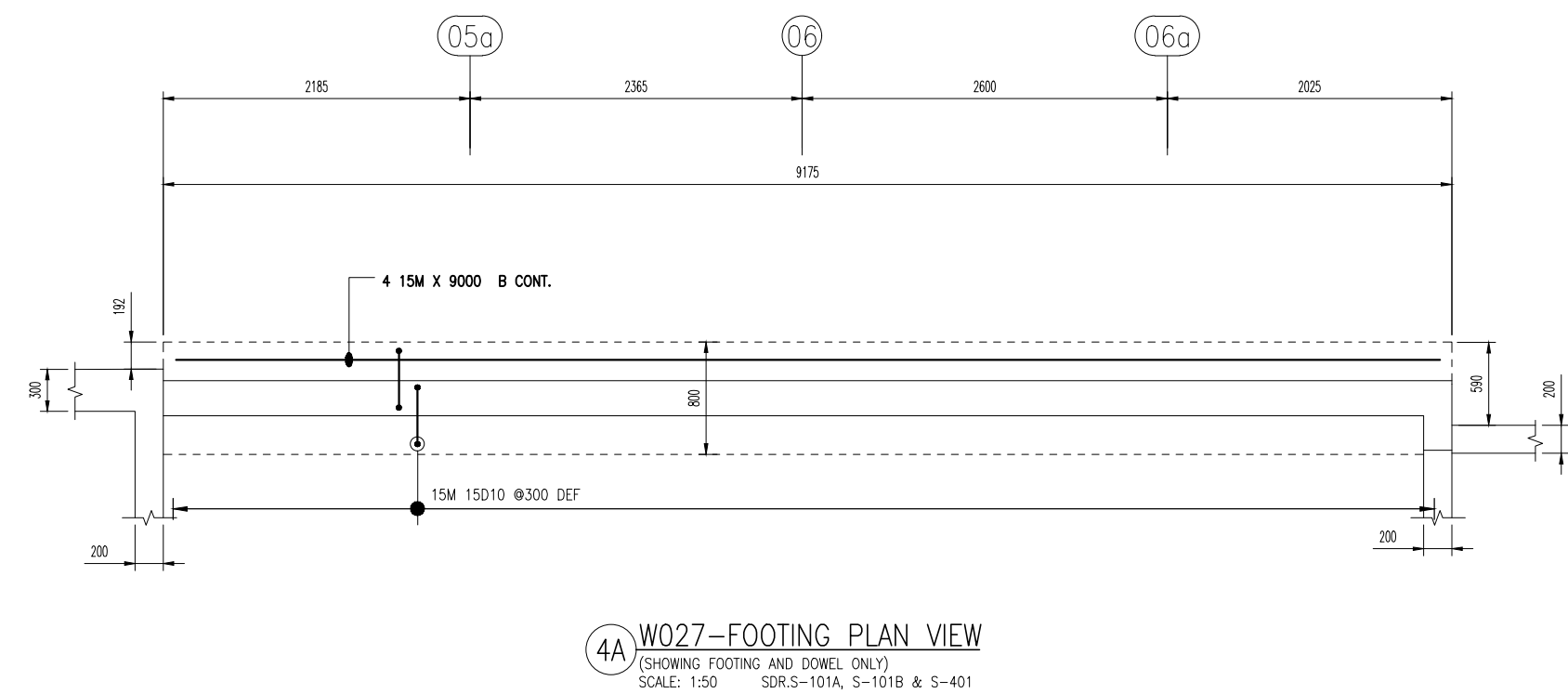
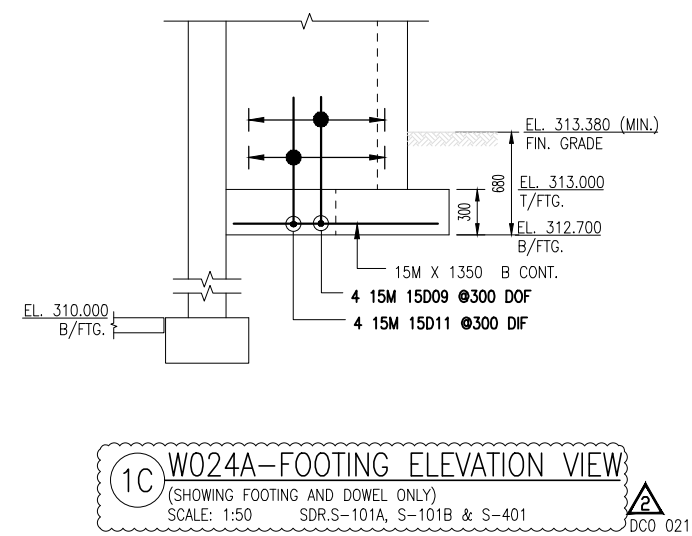


Bar list produced by RebarCAD 2020



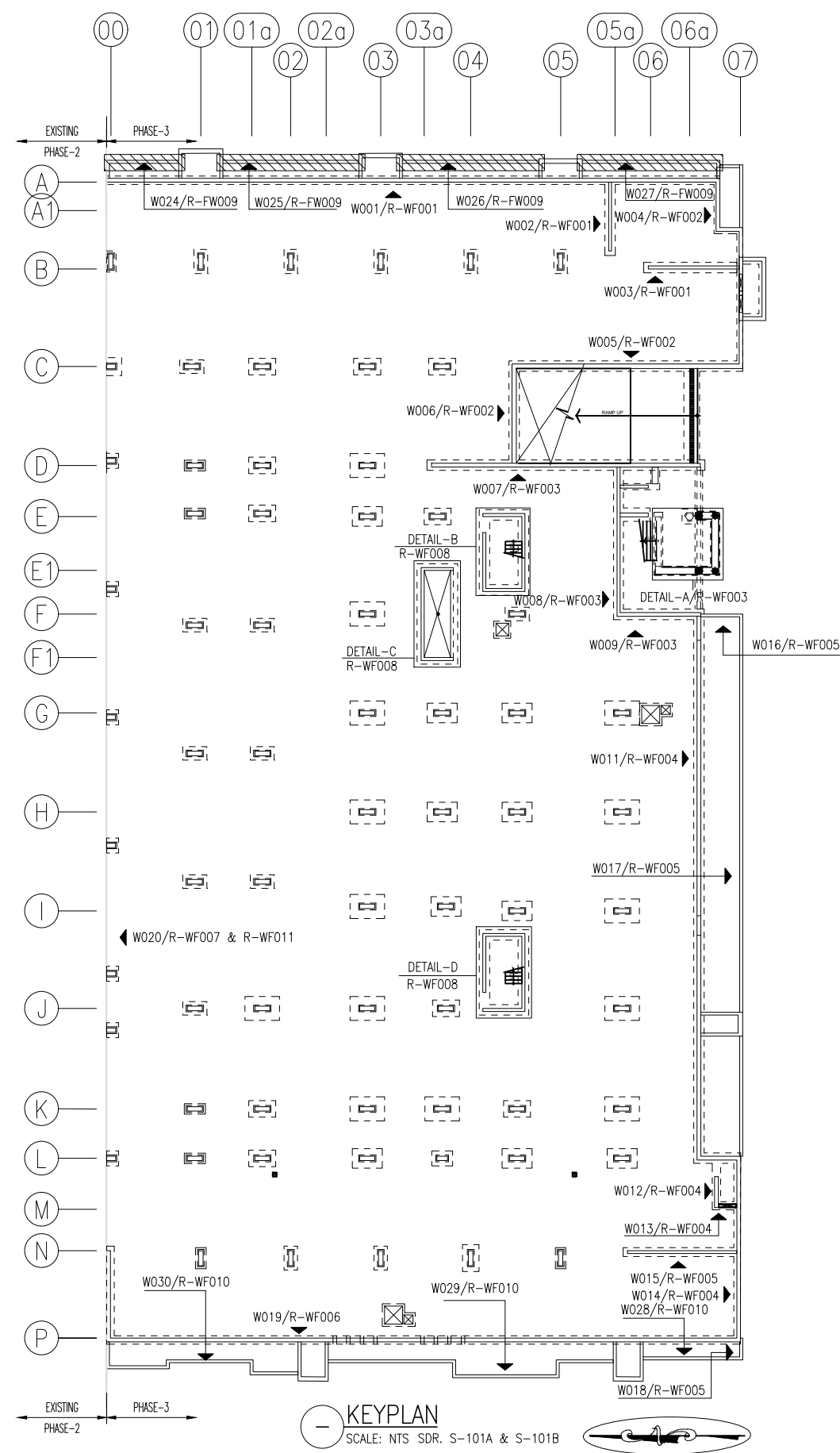
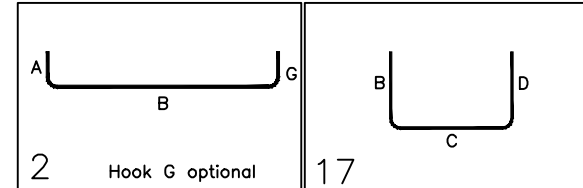


DATA		BAR SIZE					
		10	15	20	25	30	35
Fy = 400 MPa	TENSION						
f'c = 35 MPa	LAP SPLICE	420	620	830	1290	1550	1800
Fy = 400 MPa	TENSION						
f'c = 40 MPa	LAP SPLICE	390	580	770	1210	1450	1690



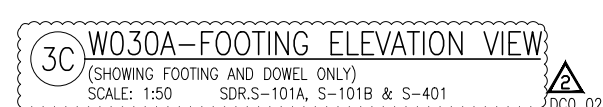
Drawing Sheet : R-WF009										BW LIST									
Bar Mark	Qty	Size	Total Length	Type	X	Y	X'	Y'	U	X	Y	X'	Y'	U	X	Y	X'	Y'	U
1509	4	15M	1715	17			845	695	175										
15010	218	15M	1440	17			845	420	175										
15011	4	15M	1105	2			260	845											

Bar list produced by RebarCAD 2020.0



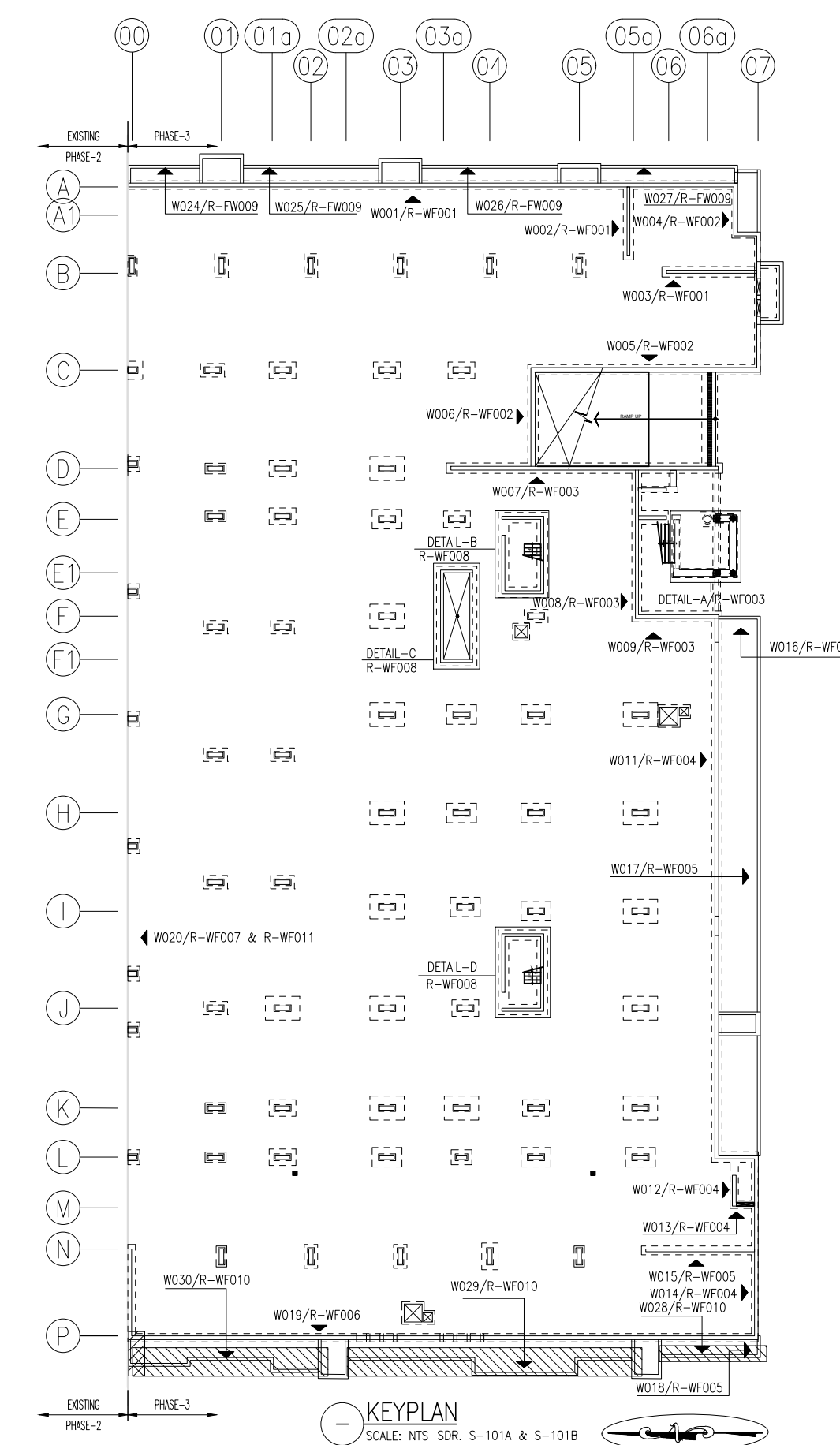
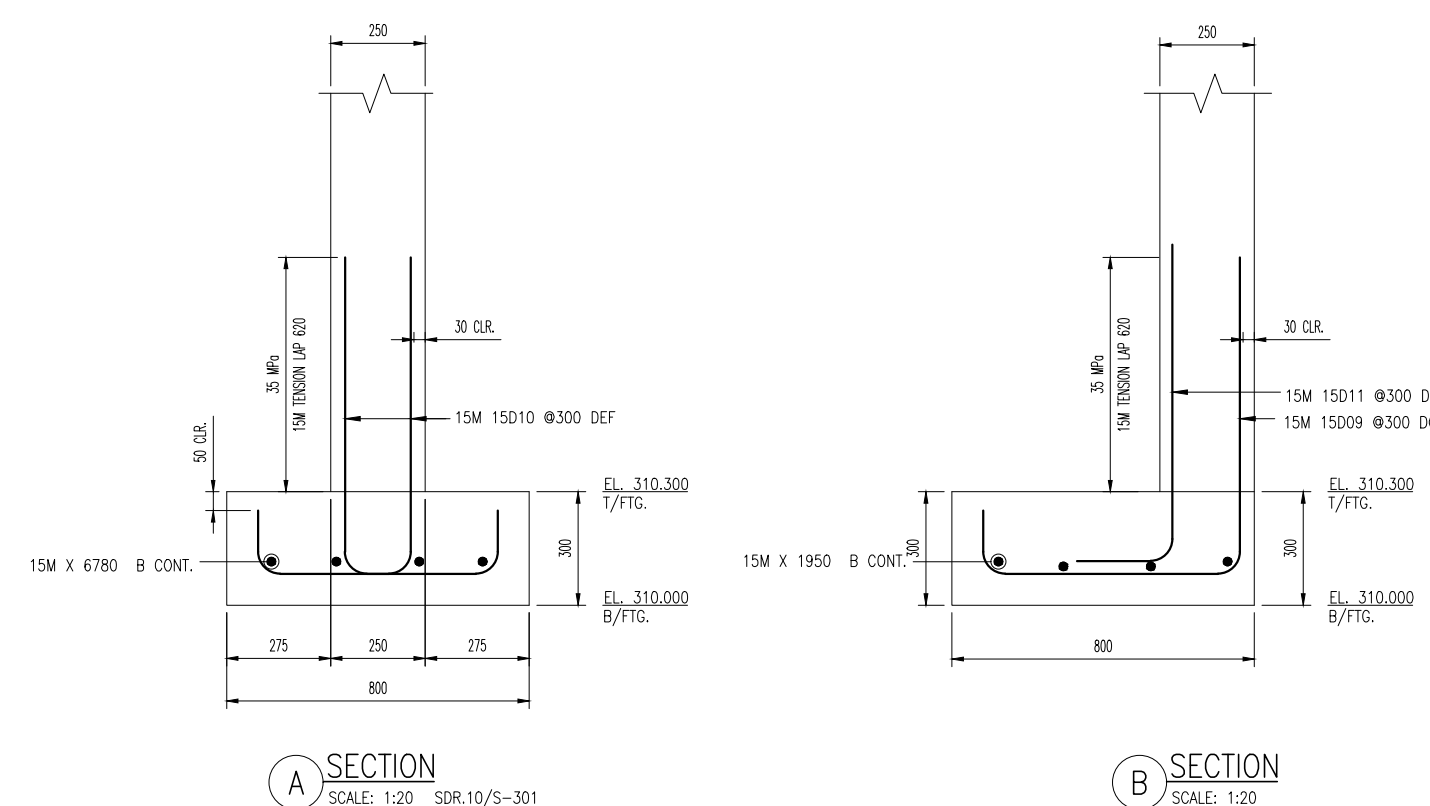
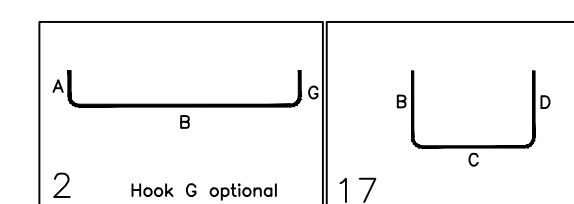


DATA		TENSION LAP SPLICE					
		10	15	20	25	30	35
$F_y = 400 \text{ MPa}$ $f_c = 35 \text{ MPa}$	TENSION LAP SPLICE	420	620	830	1290	1550	1800
$F_y = 400 \text{ MPa}$ $f_c = 40 \text{ MPa}$	TENSION LAP SPLICE	390	580	770	1210	1450	1690

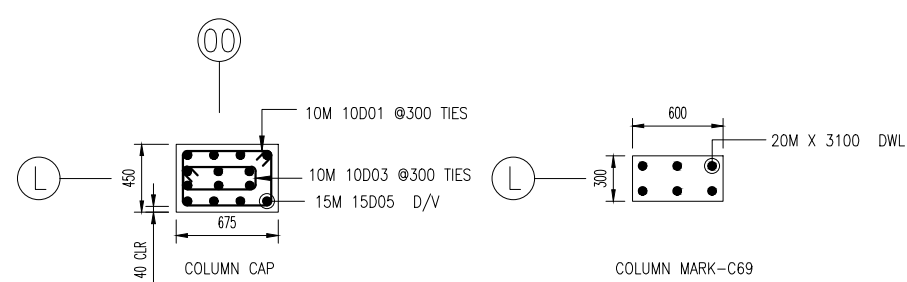


Drawing Sheet : R-WF010					BAR LIST									
Bar Work	Qty	Size	Total Length	Type	X'	Y'	Z'	V'	T'	S'	R'	Q'	P'	O'
15009		63 15M	1715	17		845	695	175						
15010		282 15M	1440	17		845	420	175						
15011		63 15M	1105	2	260	845								

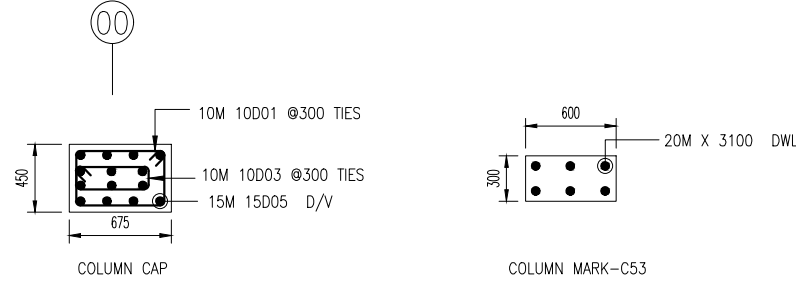
Bar fest produced by FiberCAD :



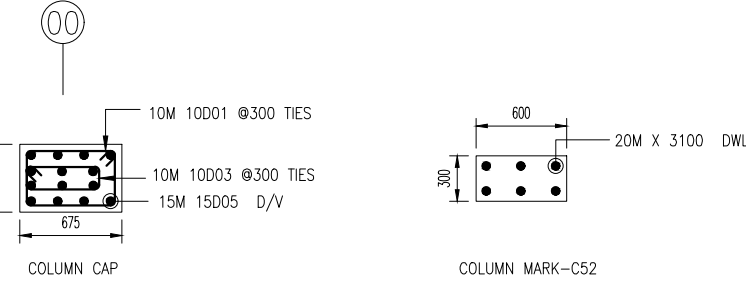
— KEYPLAN
SCALE: NTS SDR



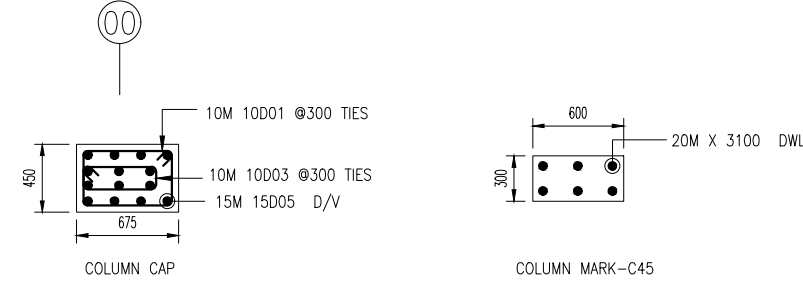
1A DETAIL-E-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



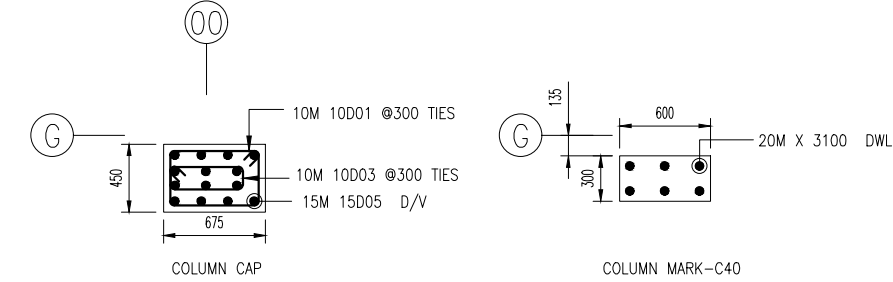
2A DETAIL-F-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



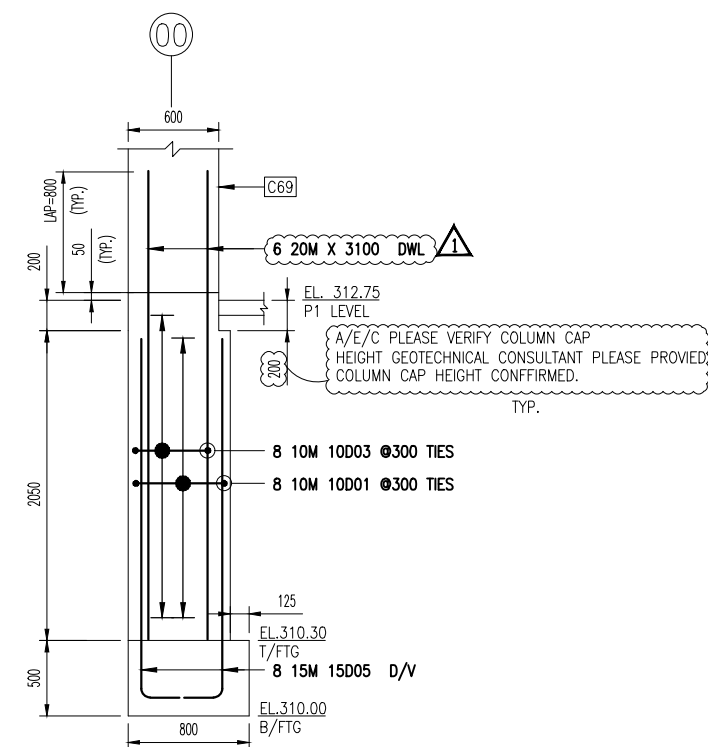
3A DETAIL-G-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



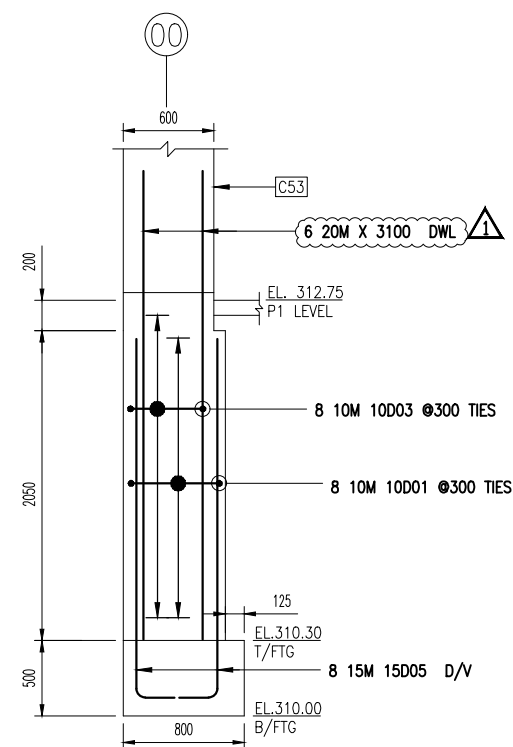
4A DETAIL-H-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



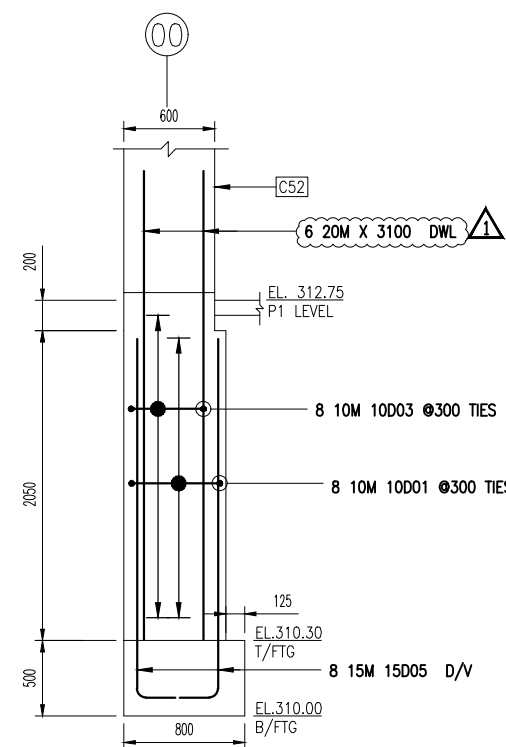
5A DETAIL-I-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



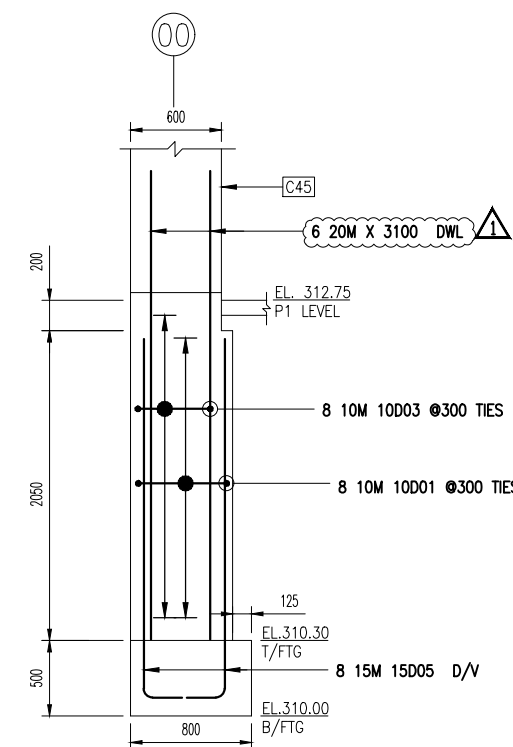
1B DETAIL-E-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007



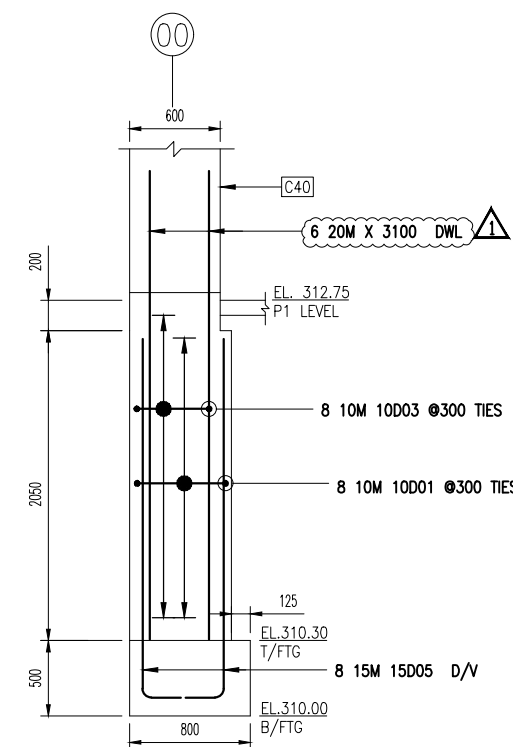
2B DETAIL-F-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007



3B DETAIL-G-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007

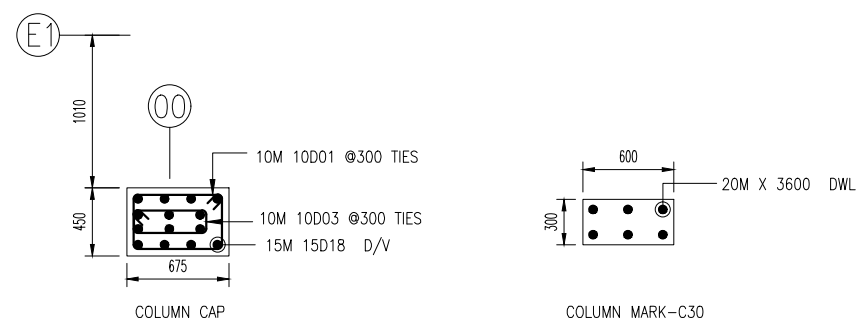


4B DETAIL-H-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007

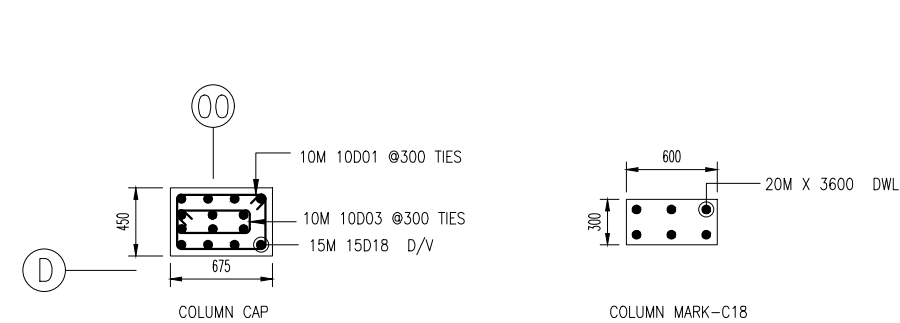


5B DETAIL-I-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007

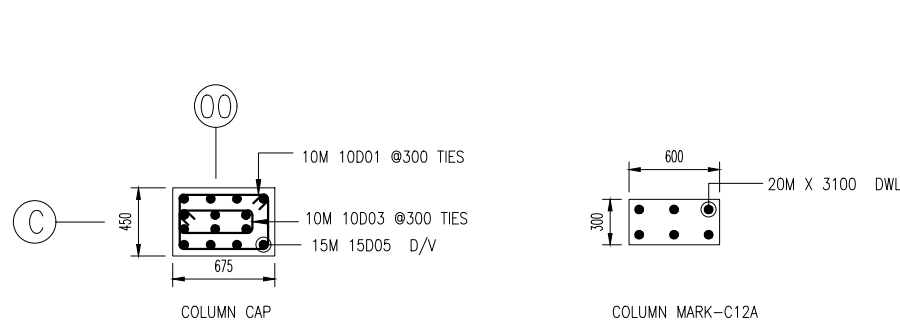
LAP SPLICE LENGTHS IN COLUMN & WALLS AND DEVELOPMENT LENGTHS IN CAPS & FOOTINGS		BAR SIZE					
DATA		10	15	20	25	30	35
Py = 400 MPa f'c = 35 MPa	TENSION						
	LAP SPLICE	420	620	830	1290	1550	1800
Py = 400 MPa f'c = 40 MPa	TENSION						
	LAP SPLICE	390	580	770	1210	1450	1690



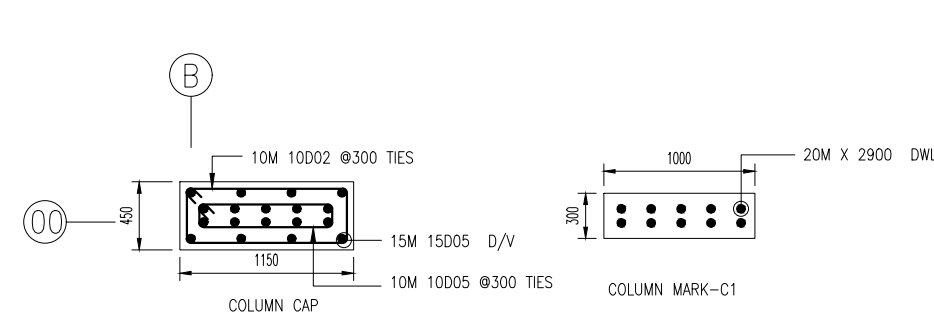
6A DETAIL-J-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



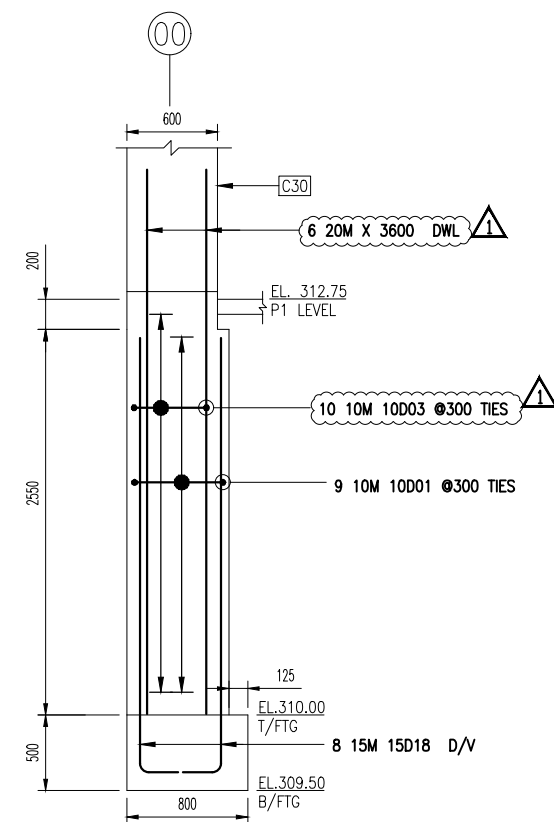
7A DETAIL-K-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



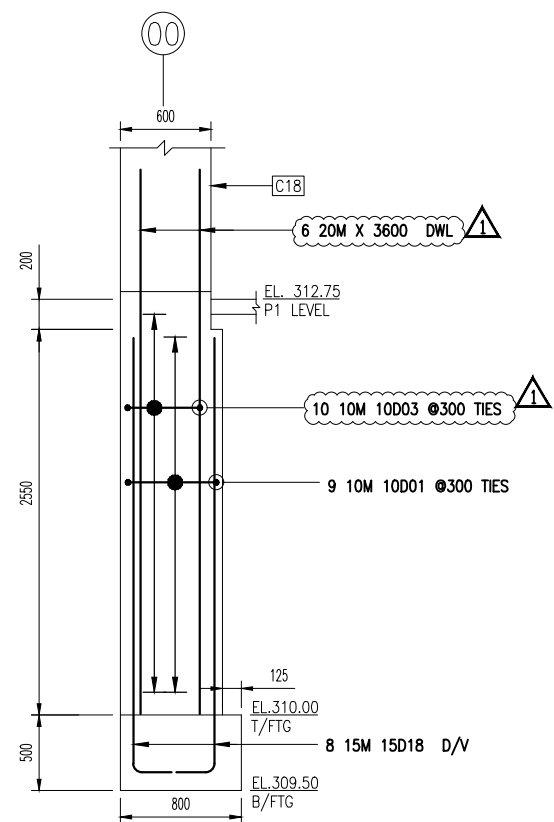
8A DETAIL-L-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



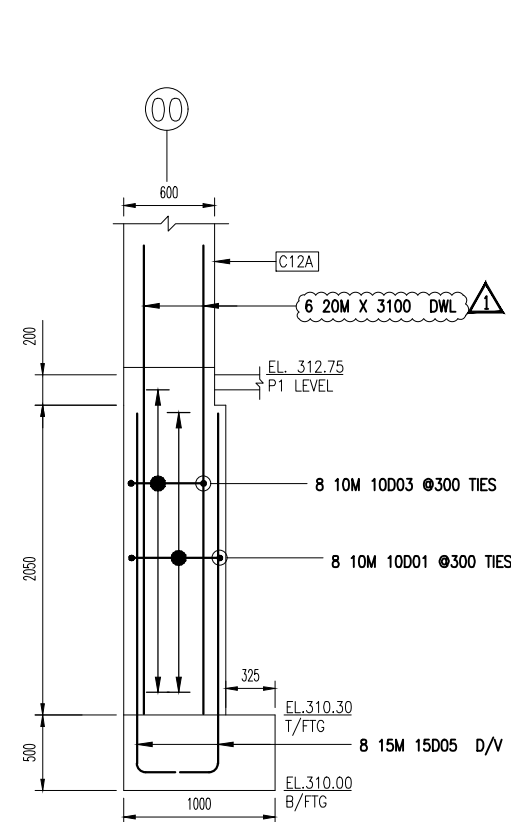
9A DETAIL-M-COLUMN CAP & COLUMN PLAN VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006



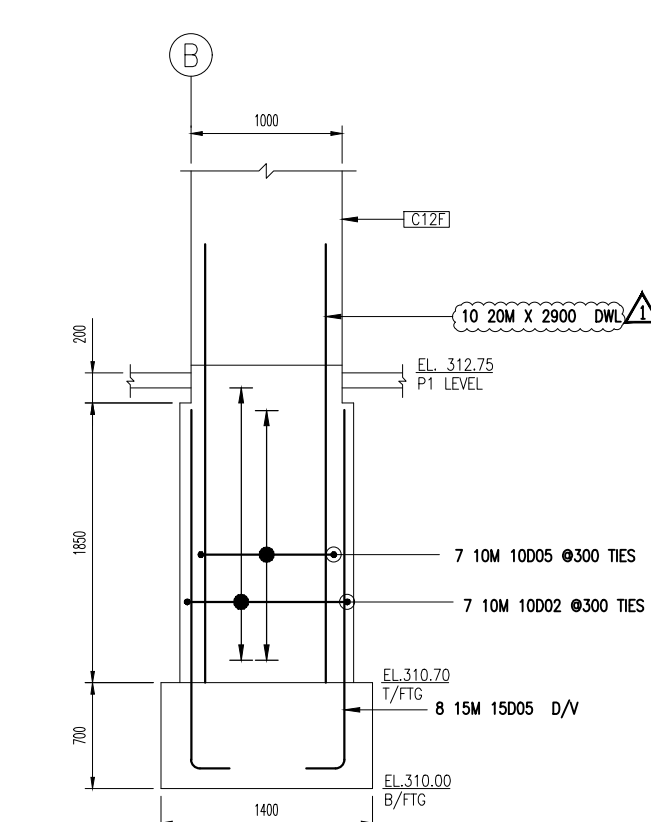
6B DETAIL-J-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007



7B DETAIL-K-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007



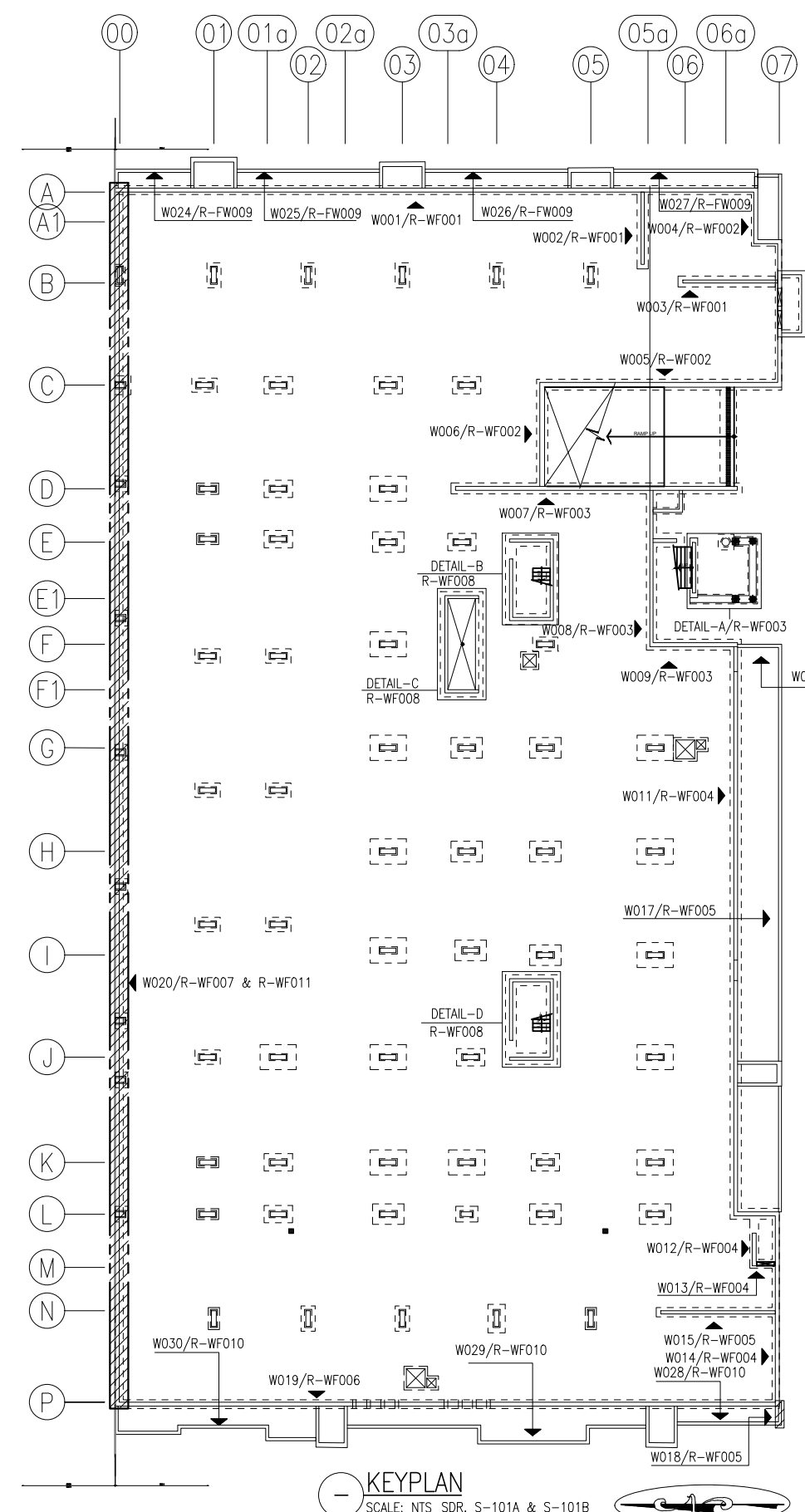
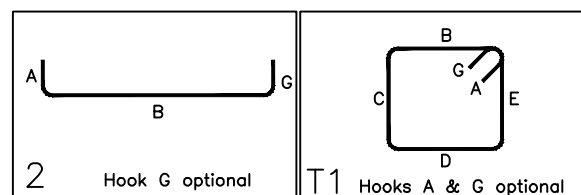
8B DETAIL-L-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007



9B DETAIL-M-ELEVATION VIEW
(SHOWING ISOLATED COLUMN & COLUMN CAP ONLY)
SCALE: 1:50 SDRS-101A.S-101B.S-006
FOR FOOTING REINFORCEMENT REFER DWG NO: R-WF007

Drawing Sheet : R-WF011				BAR LIST															
Bar Mark	Qty	Size	Total Length	Type	X	Y	Z	W	V	U	T	S	R	Q	P	O	N	M	L
10001	66	10M	2130	T1	100	595	370	595	370										
10002	7	10M	3080	T1	100	1070	370	1070	370										
10003	66	10M	1500	T1	100	490	160	490	160										
10005	7	10M	2300	T1	100	890	160	890	160										
15005	56	15M	2640	2	260	2300													
15018	16	15M	3140	2	260	2880													

Bar list prepared by NabaJO 2020.



KEY PLAN
SCALE: NTS SDRS-101A & S-101B