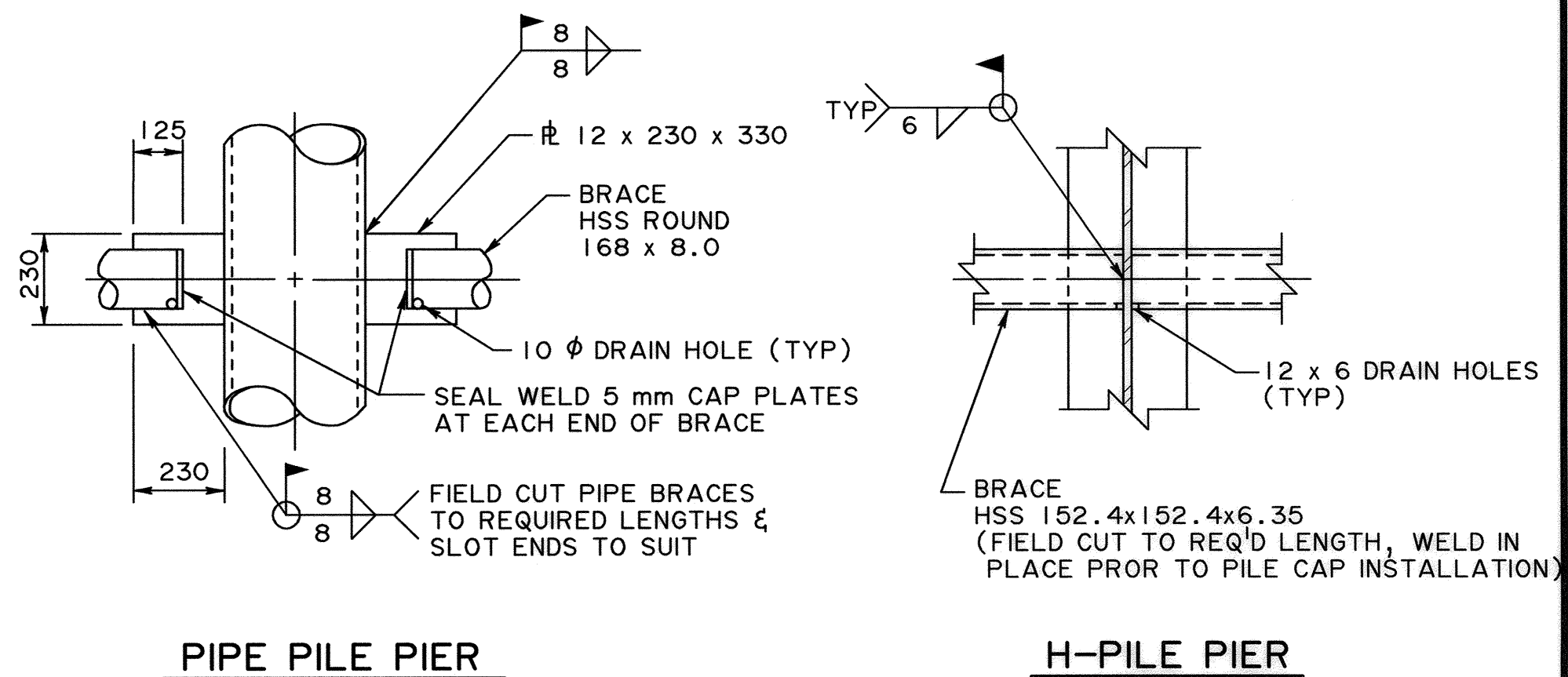
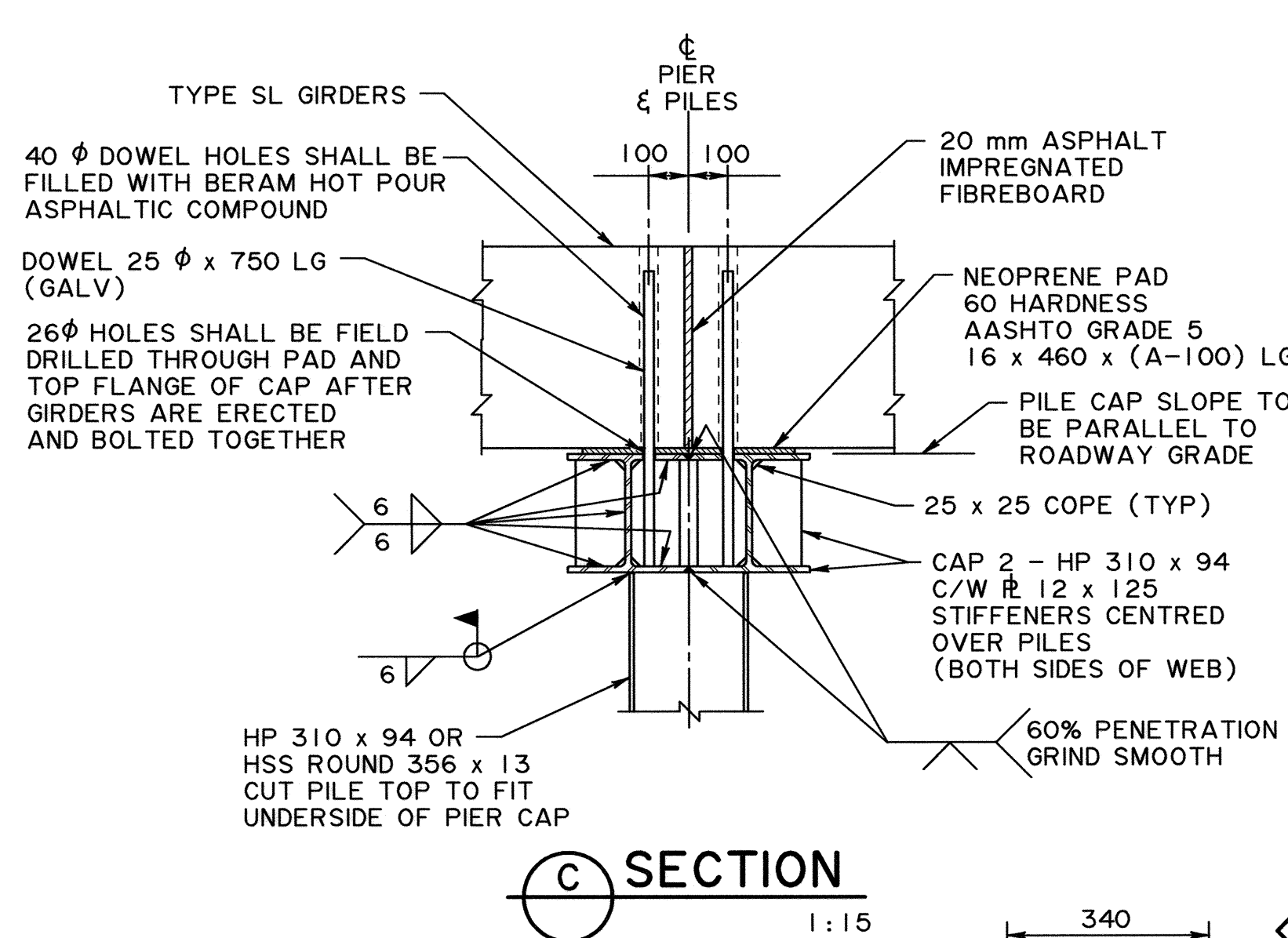
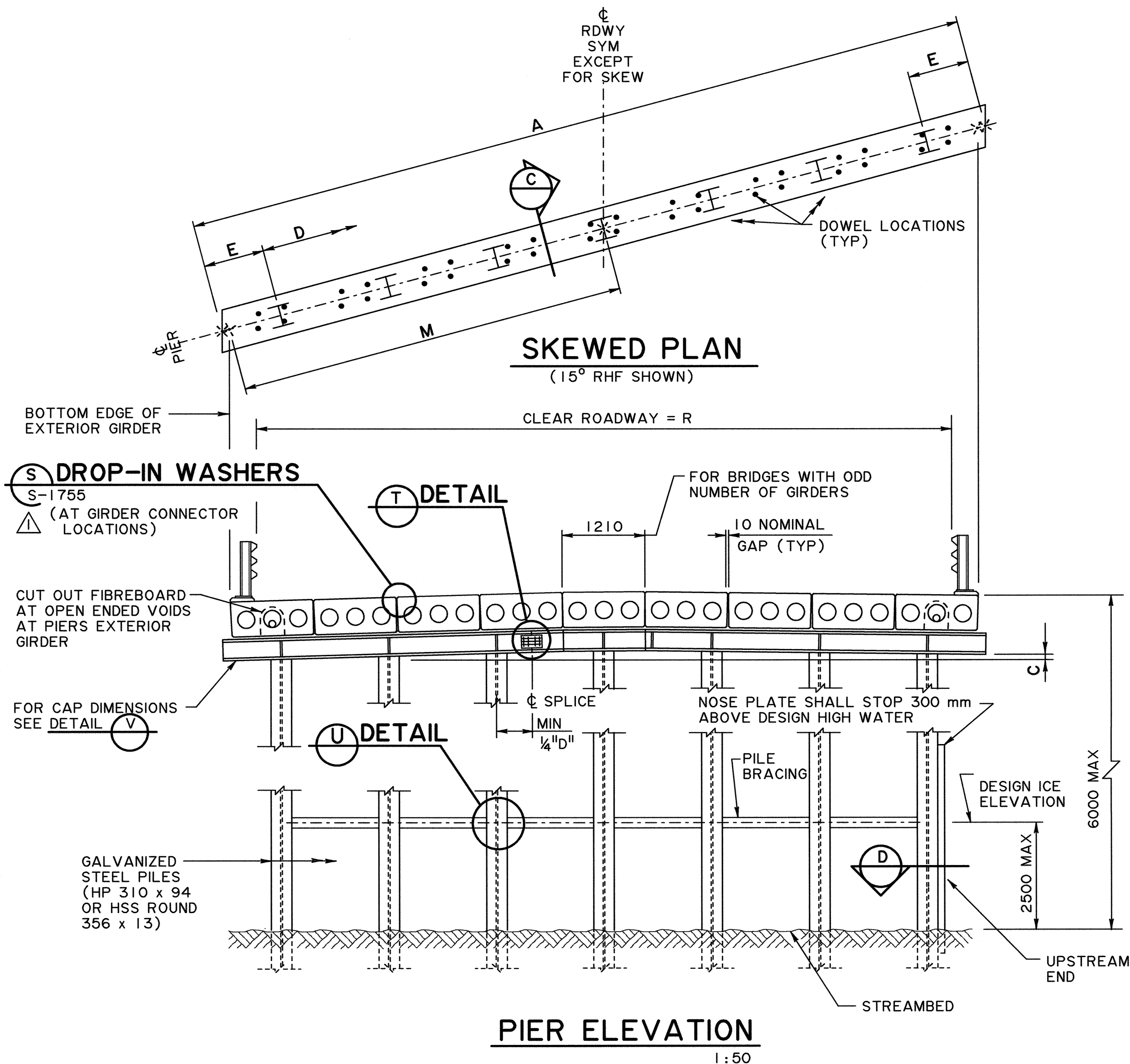
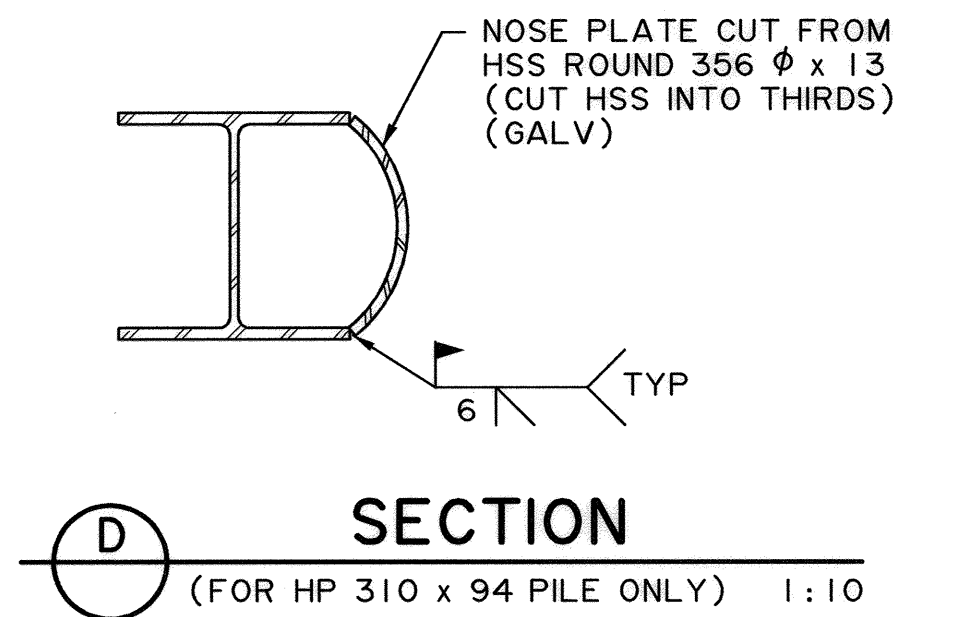
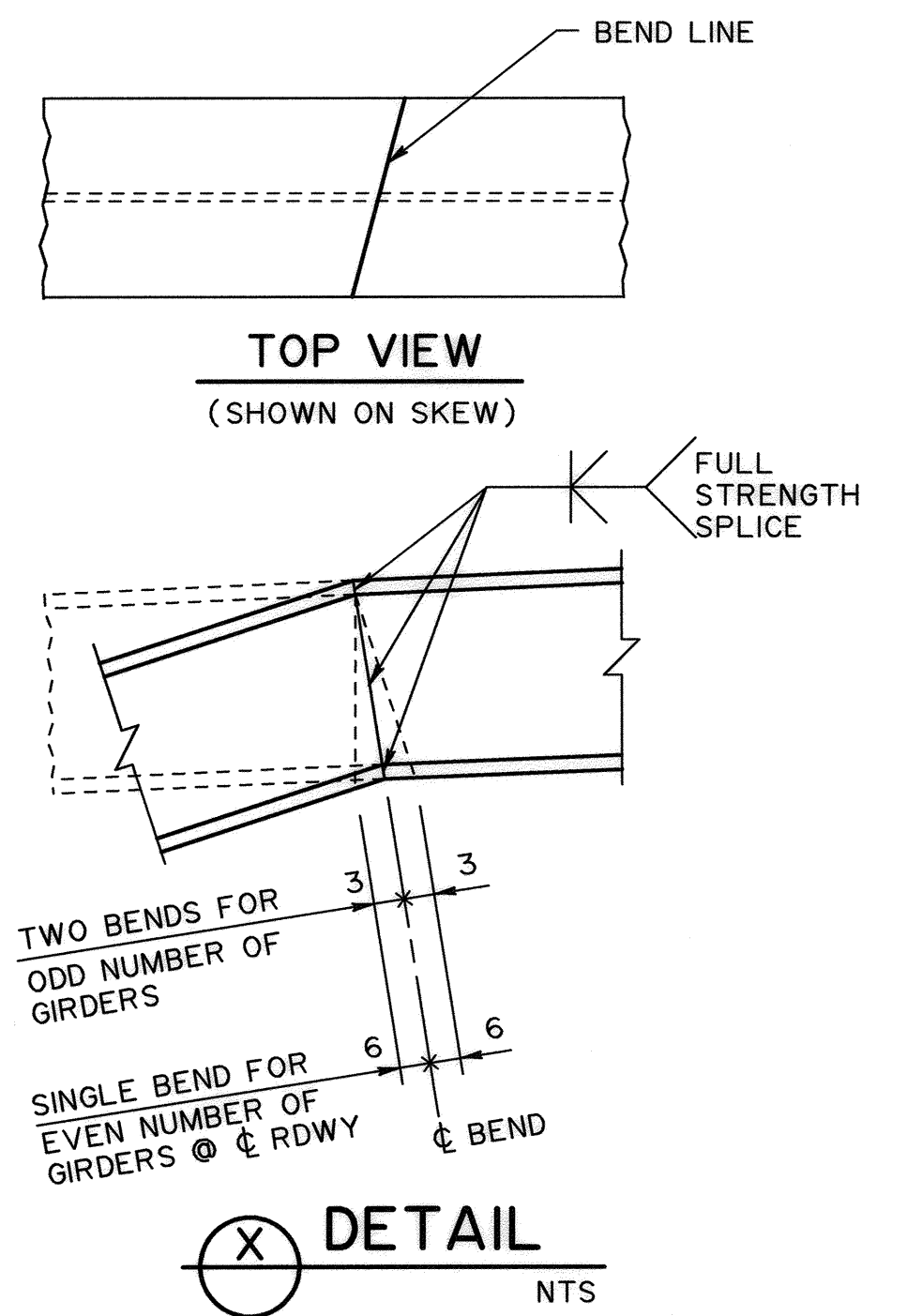
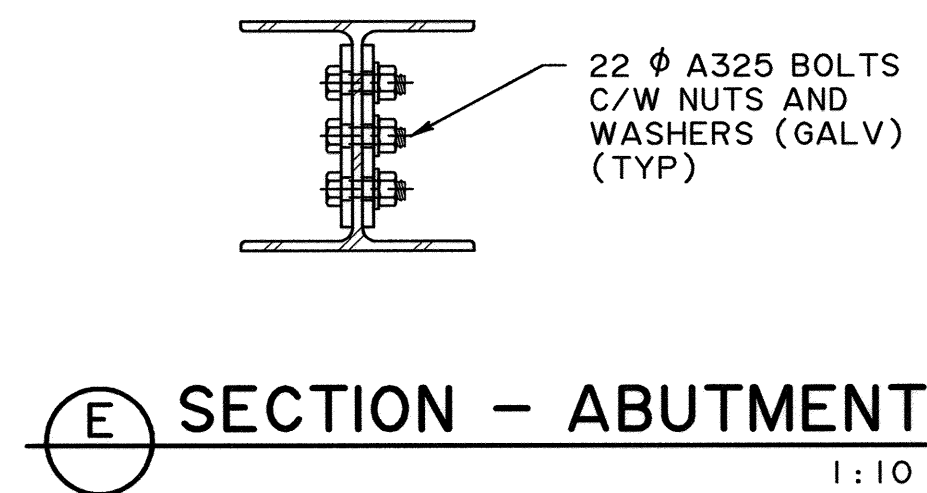
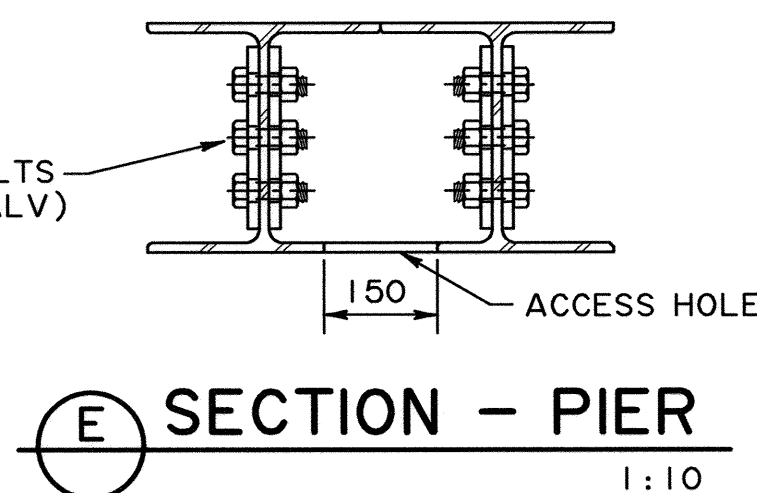
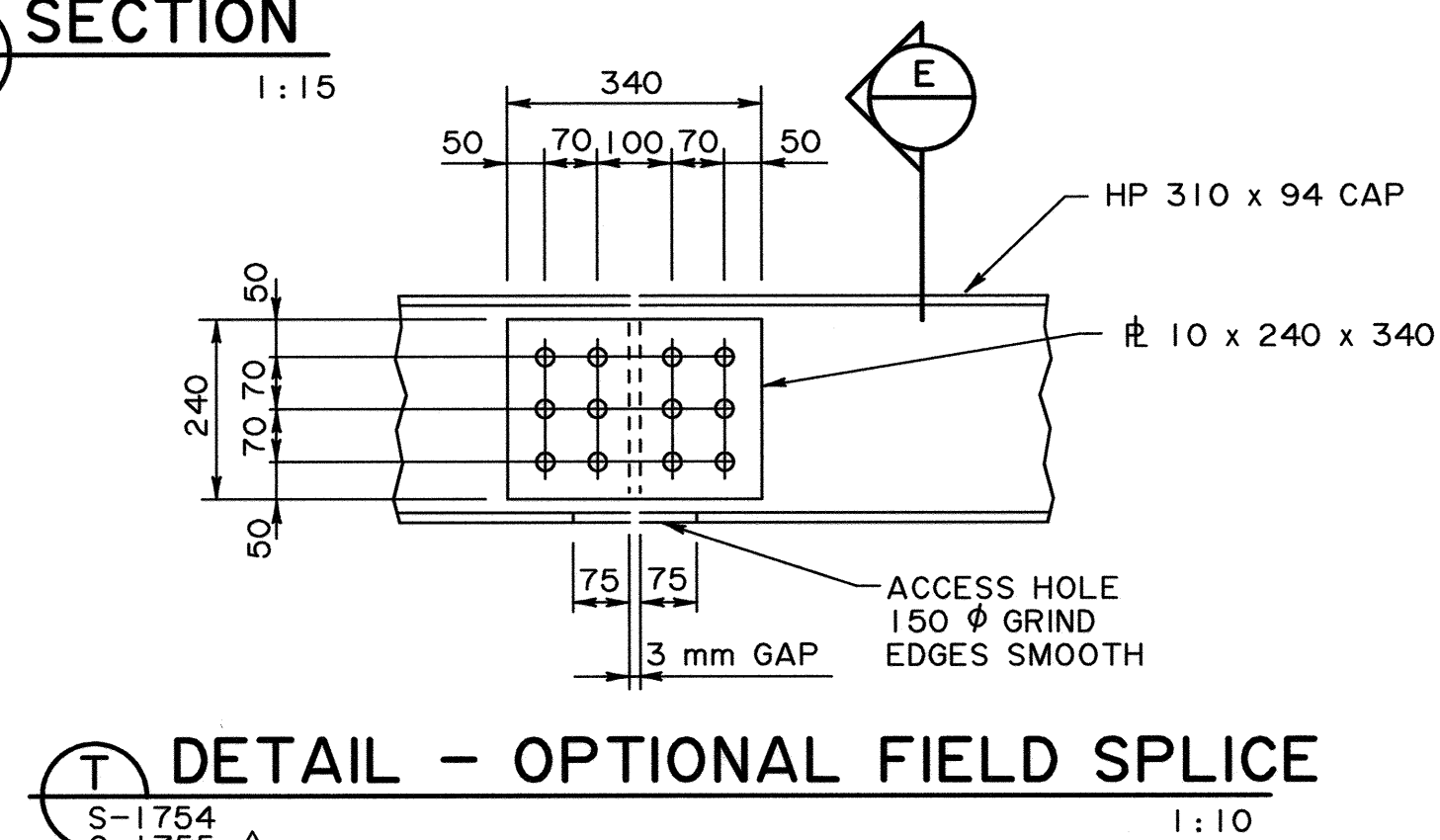


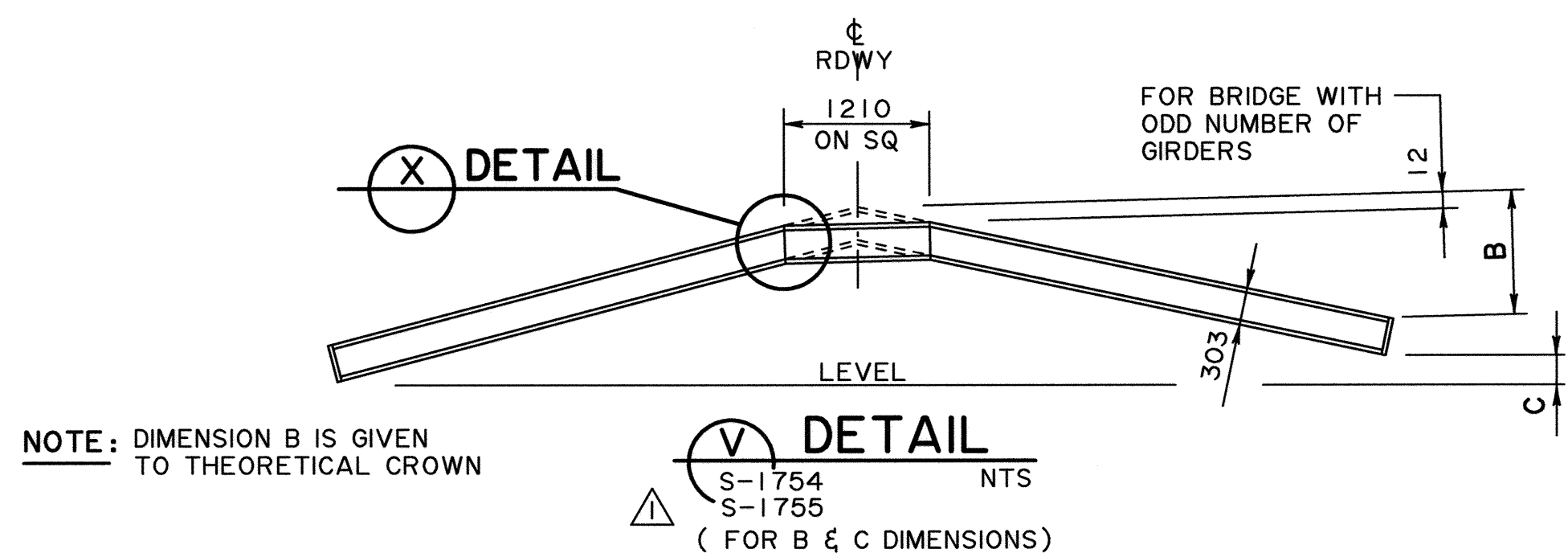
DATA FOR STANDARD SL PRECAST GIRDER BRIDGES – PIERS																											
CLEAR ROADWAY (GIRDERS/SPAN)		R	8 940 (8)				10 160 (9)				11 370 (10)				12 590 (11)				13 810 (12)				15 020 (13)				
GENERAL	SKEW		0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	
	OVERALL LENGTH	A	9 920	10 270	11 455	14 029	11 140	11 533	12 863	15 754	12 350	12 786	14 261	17 466	13 570	14 049	15 669	19 191	14 790	15 312	17 078	20 916	16 000	16 564	18 475	22 627	
	CROWN	B	99	99	99	99	111	111	111	111	124	124	124	124	136	136	136	136	148	148	148	148	160	160	160	160	
	DIFFERENTIAL FOR ROADWAY GRADE OF	1%	C	0	27	57	99	0	30	64	111	0	33	71	124	0	36	78	136	0	40	85	148	0	43	92	160
		2%	C	0	53	115	198	0	60	129	223	0	66	143	247	0	73	157	271	0	79	171	296	0	86	185	320
PILES	3%	C	0	80	172	298	0	90	193	334	0	99	214	371	0	109	235	407	0	119	256	444	0	129	277	480	
	NUMBER		6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	9	9	9	9	10	10	10	10	
	SPACING	D	1 642	1 700	1 896	2 322	1 572	1 627	1 815	2 223	1 520	1 574	1 755	2 150	1 482	1 534	1 711	2 096	1 635	1 693	1 888	2 312	1 588	1 644	1 834	2 246	
	END DISTANCES	E	855	885	987	1 209	855	885	987	1 209	855	885	987	1 209	855	885	987	1 209	855	885	987	1 209	855	885	987	1 209	
NUMBER OF DOWELS PER LINE			16	16	16	16	18	18	18	18	20	20	20	20	22	22	22	22	24	24	24	24	26	26	26	26	
EXTERIOR GIRDER LOCATION FROM C BRIDGE		M	4 859	5 030	5 611	6 872	5 467	5 660	6 313	7 732	6 075	6 289	7 015	8 591	6 683	6 919	7 717	9 451	7 291	7 548	8 419	10 311	7 899	8 178	9 121	11 171	



NOTE:
PILE BRACING IS NOT REQUIRED FOR PIER HEIGHT LESS THAN 1.5 m SEE DRAWING S-1753 "BRIDGE ELEVATION" FOR PIER HEIGHT DESCRIPTION



WORK DRAWINGS S-1753, S-1754, S-1755 AND S-1756 TOGETHER WITH SITE SPECIFIC GENERAL LAYOUT



Most Engineering (2001) Ltd.	PERMIT TO PRACTICE MOST ENGINEERING (2001) LTD. ORIGINAL STAMPED AND SIGNED Signature <u>W. POLANICA</u> Date <u>2008-08-15</u> PERMIT NUMBER: P 8859 The Association of Professional Engineers, Geologists and Geophysicists of Alberta	DESIGNER ORIGINAL STAMPED AND SIGNED BY <u>W. POLANICA</u> ON <u>2008-08-15</u>	CHECKER ORIGINAL STAMPED AND SIGNED BY <u>ATIF F. SHAKER</u> ON <u>2008-08-15</u>	2012-02-08 NOTES REVISED	RECOMMENDED DIRECTOR BRIDGE ENGINEERING TOM LOO APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH ALLAN KWAN	AT BAR CODE DATE 2008-08-18	SHEET 2 OF 4	DRAWING S-1754-08
	SL PRECAST GIRDER BRIDGES WITH STEEL SUBSTRUCTURES SHEET 2							
	DATE 2008-08-18							
	REV DATE REVISIONS BY							