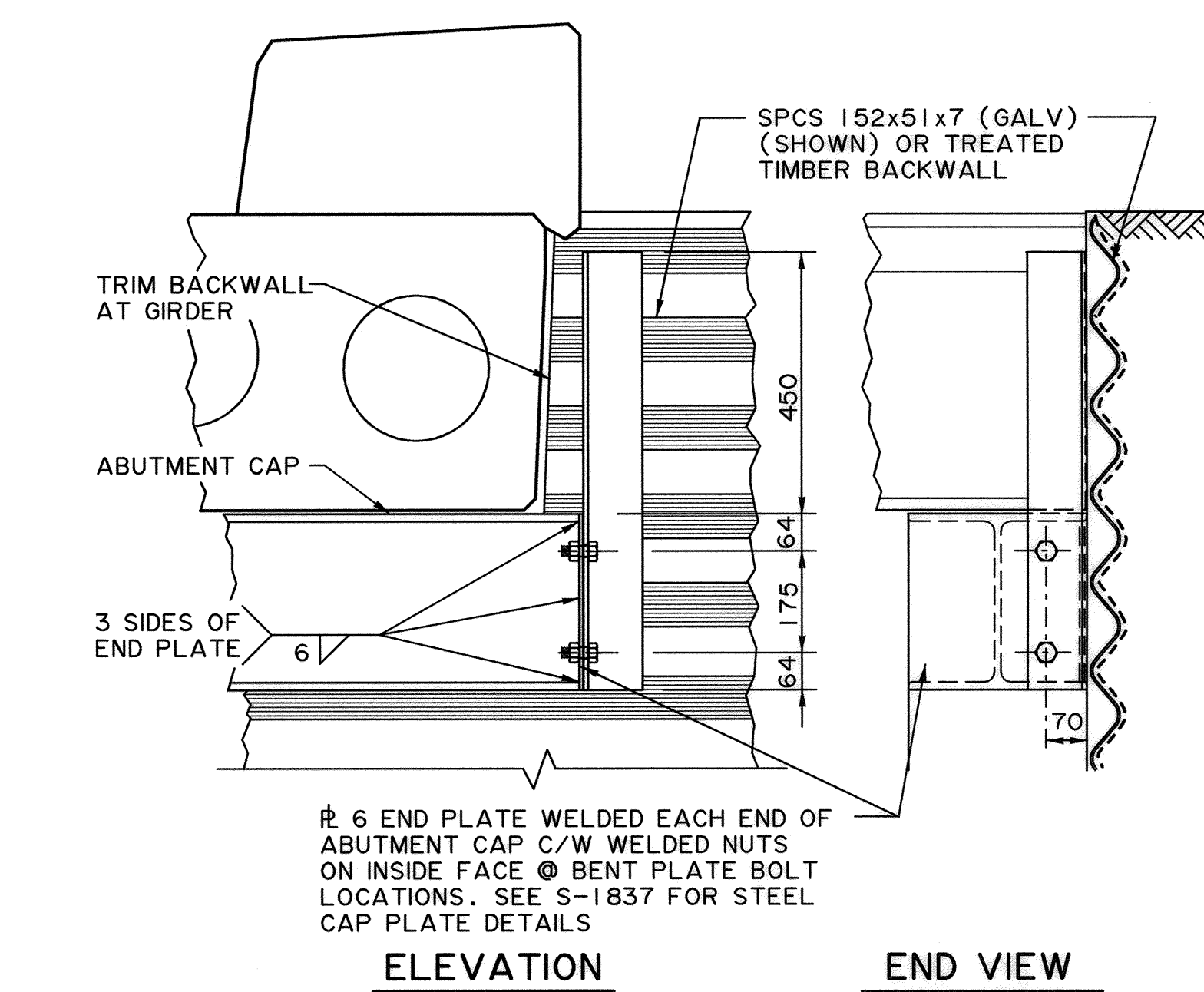
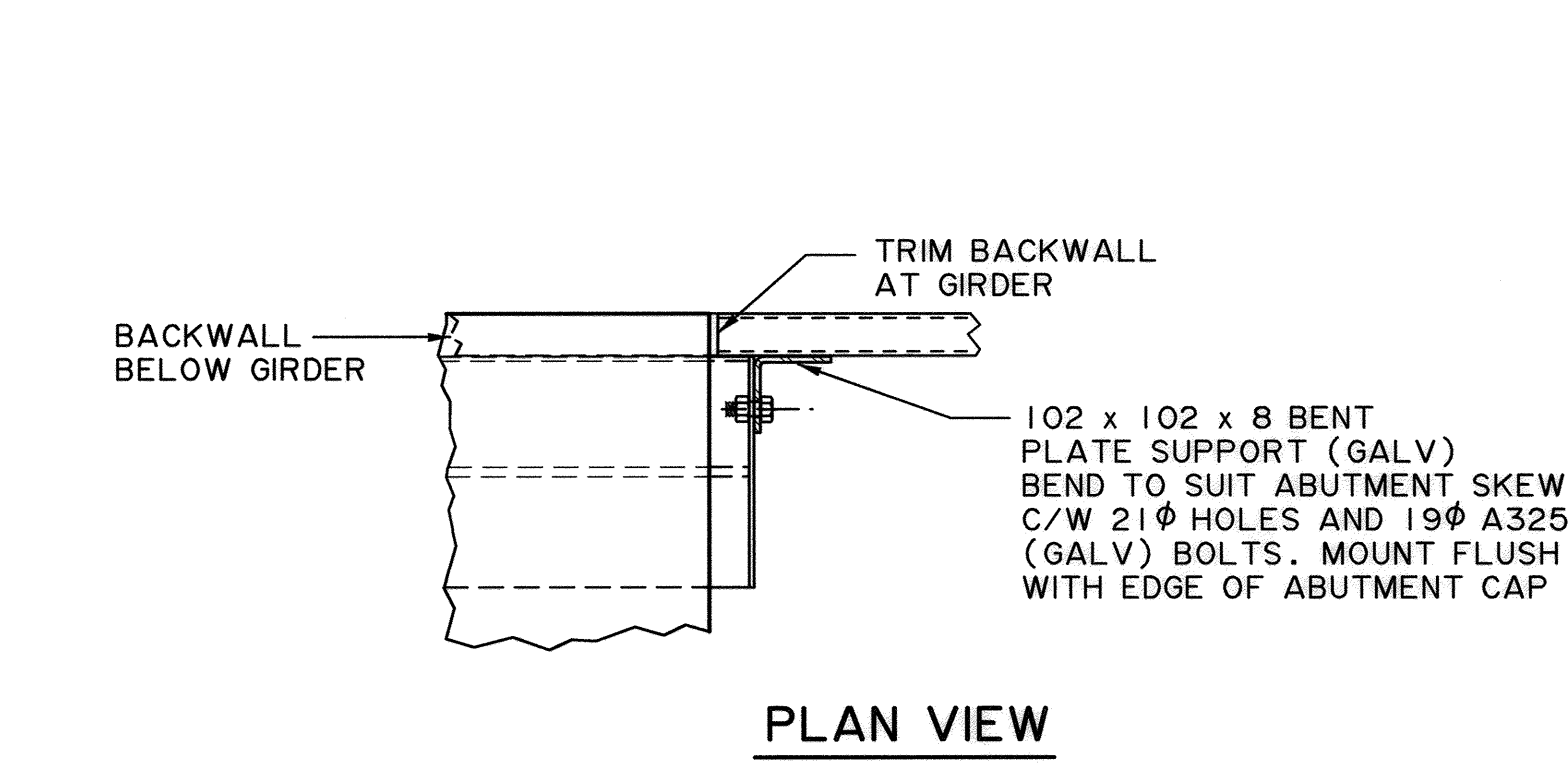
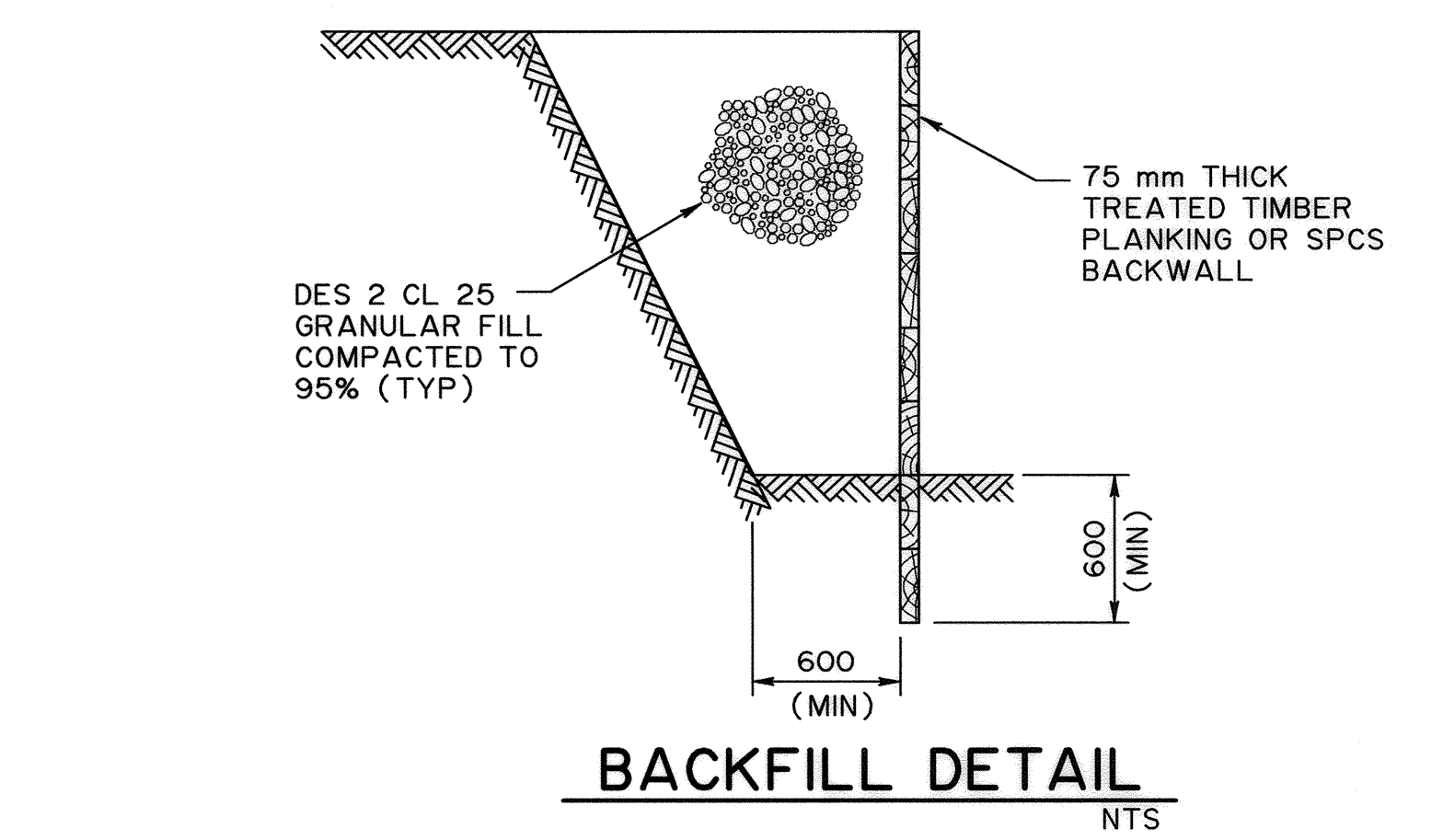
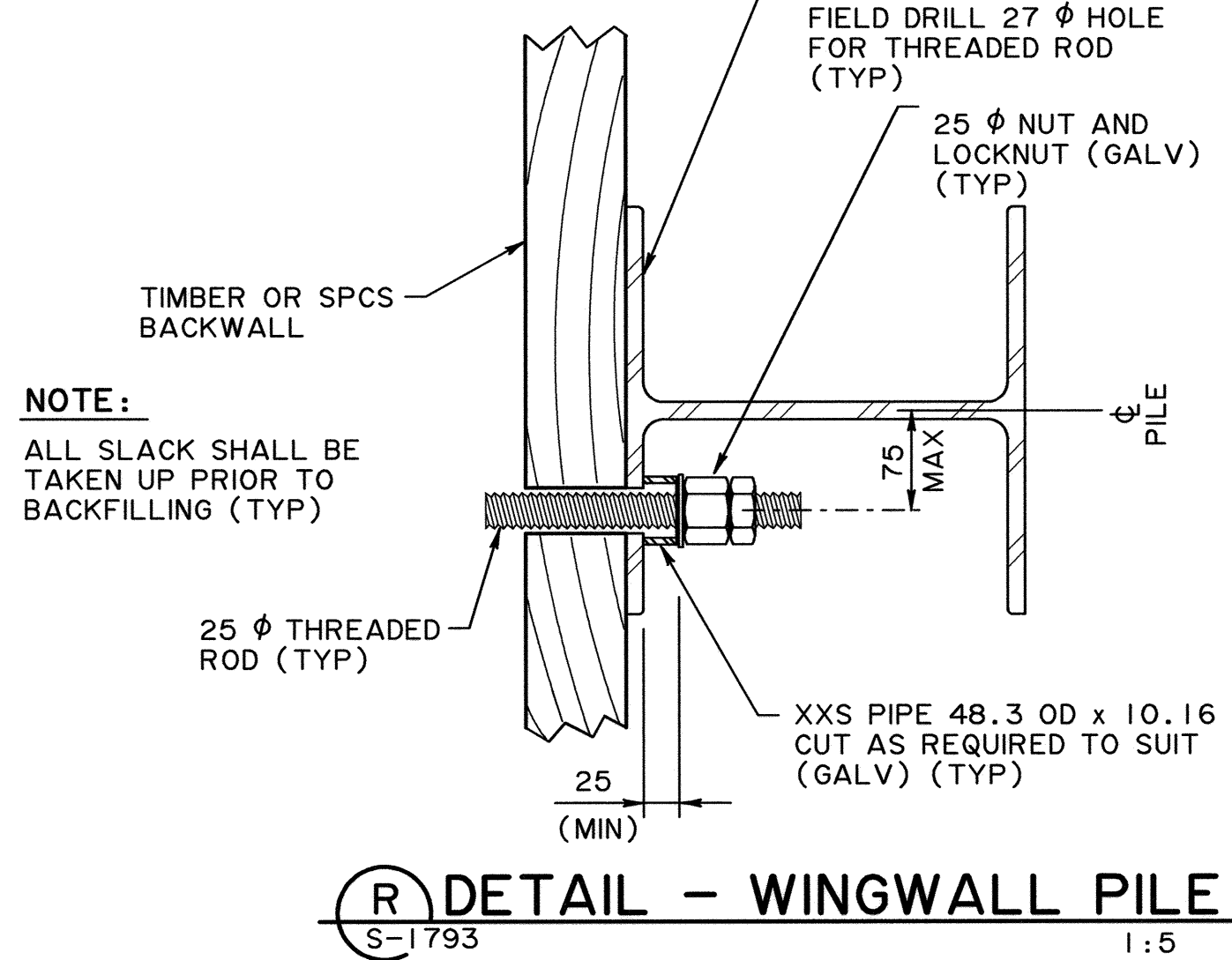
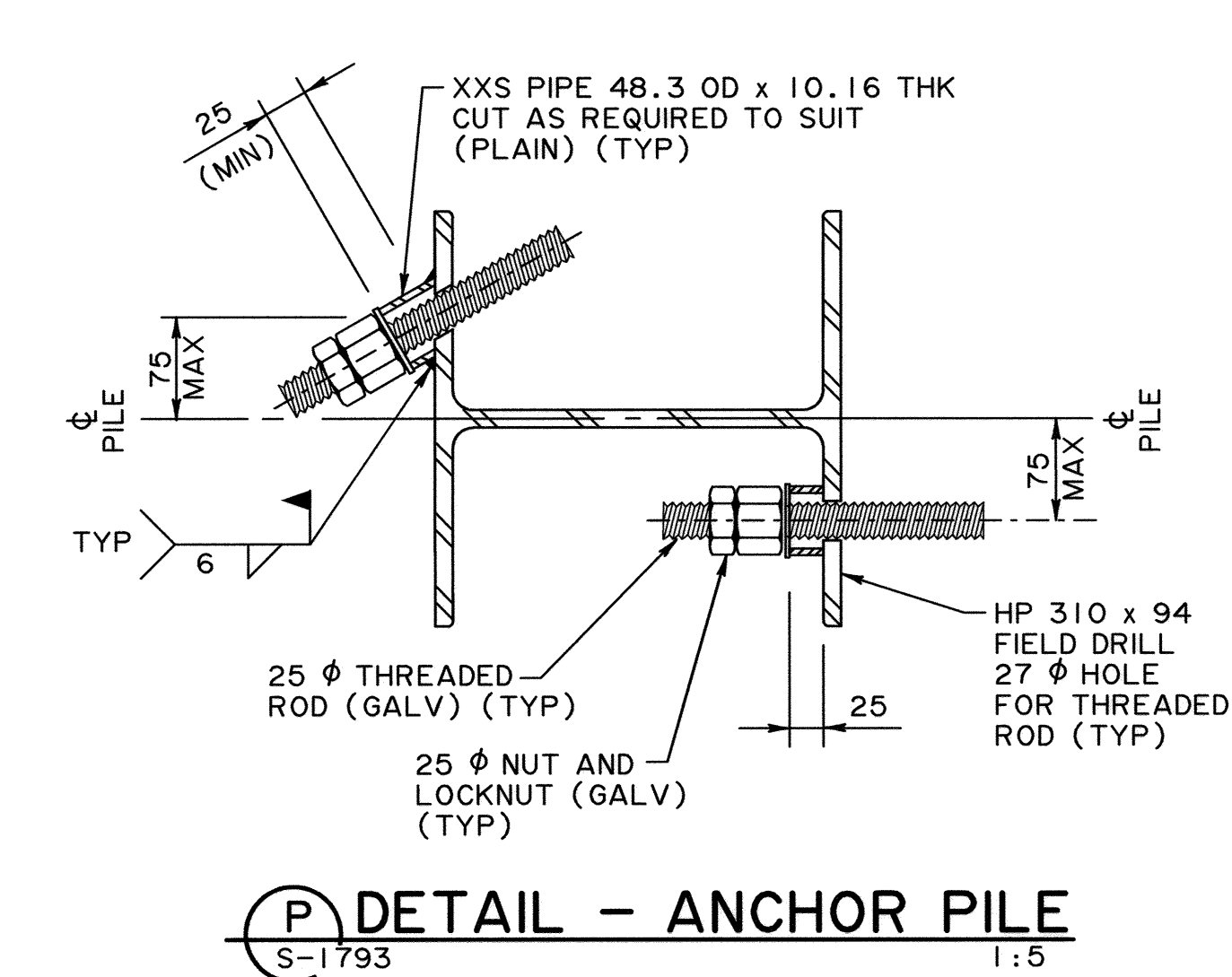
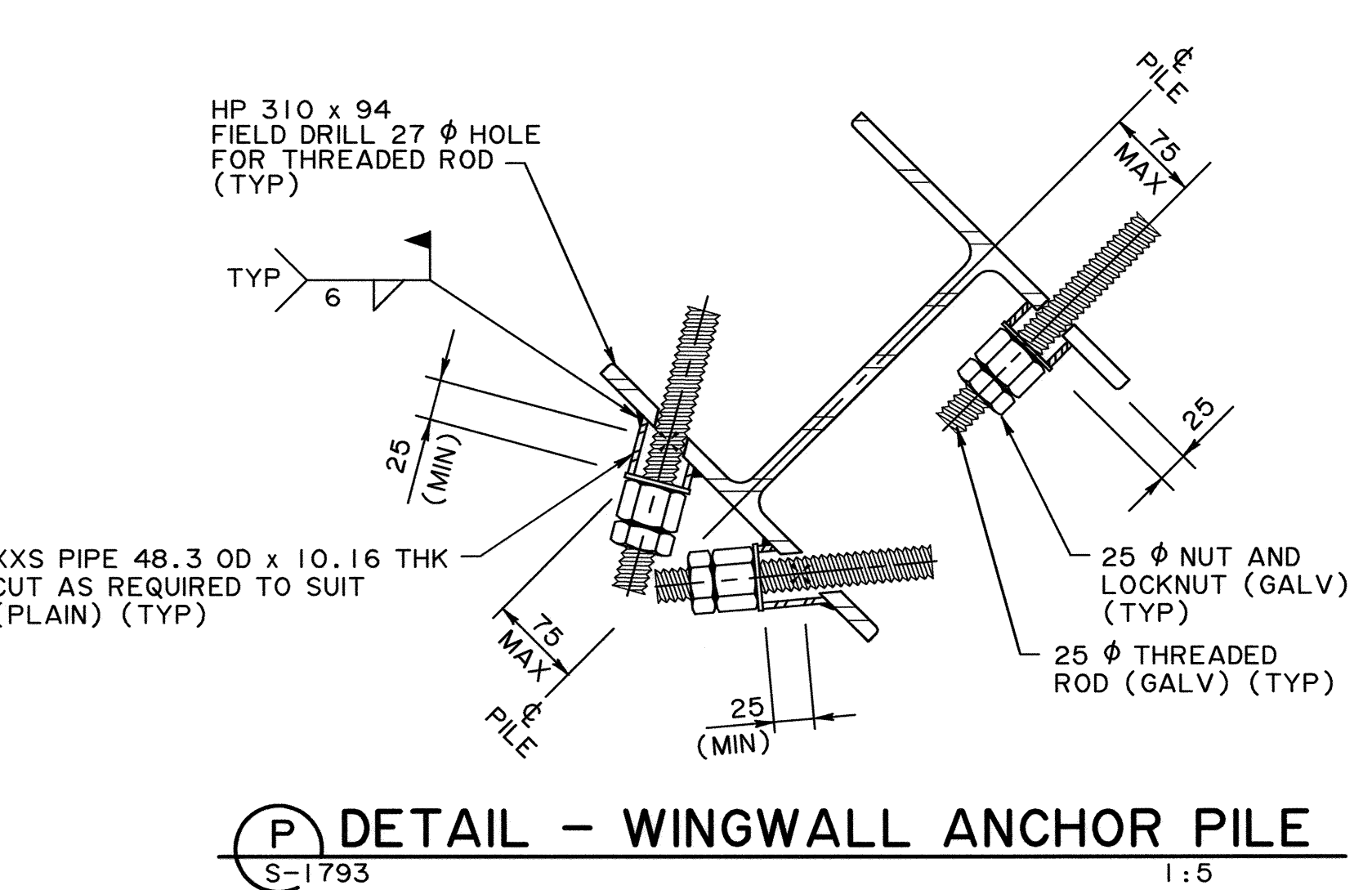
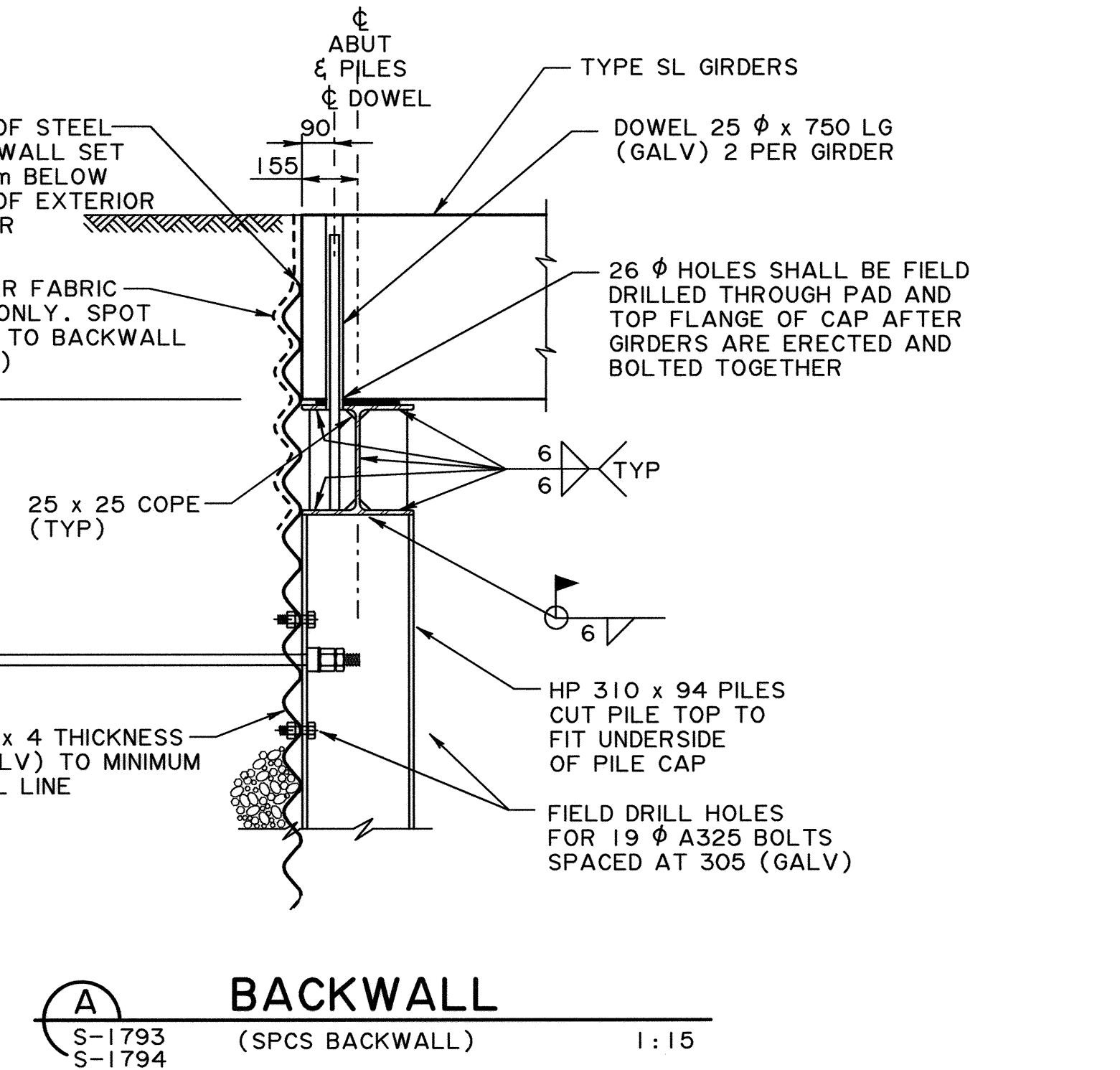
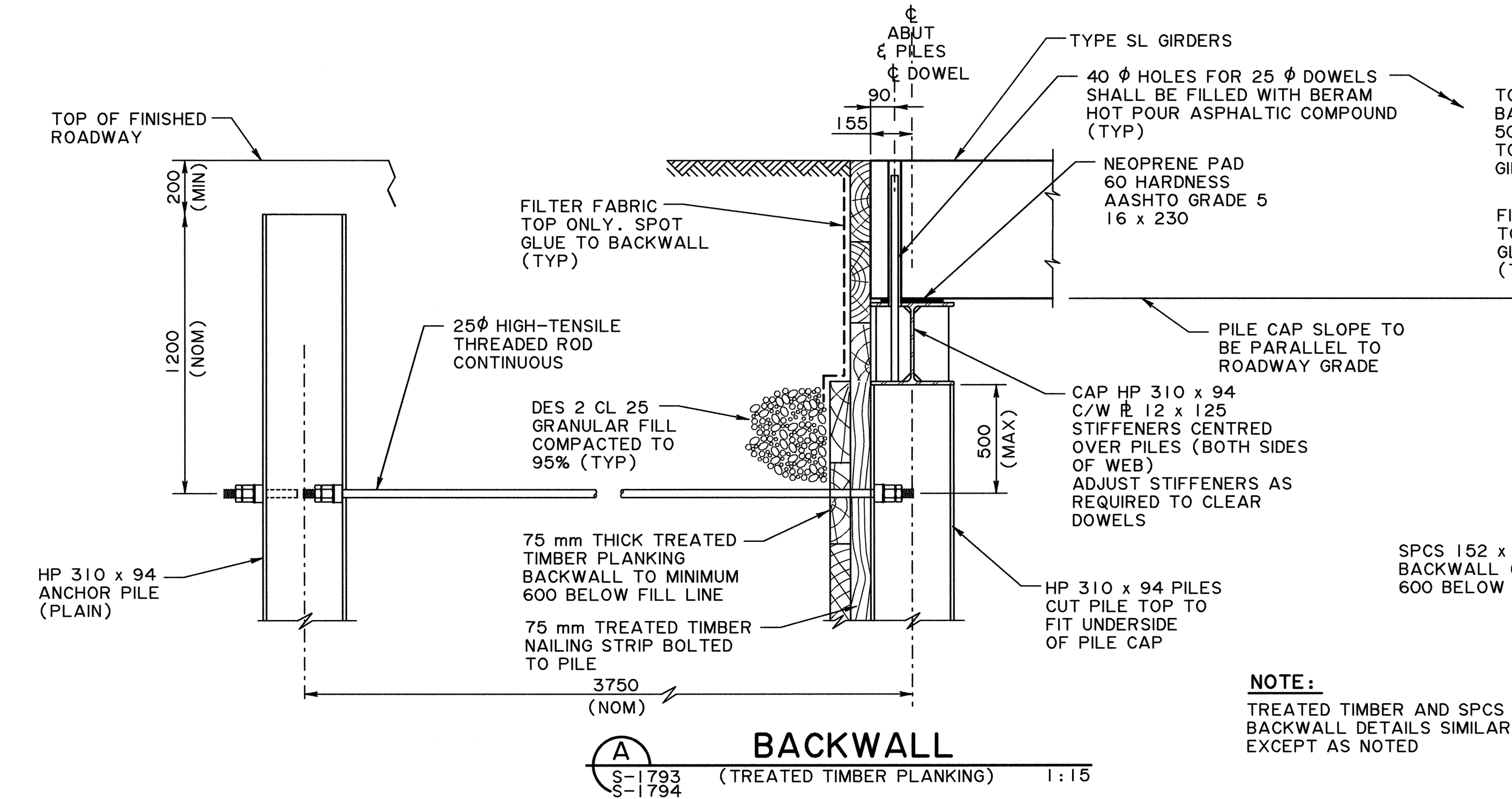


DATA FOR STANDARD SKEWED SL PRECAST GIRDER BRIDGES																										
CLEAR ROADWAY (GIRDERS/SPAN)		R	8 940 (8)				10 160 (9)				11 370 (10)				12 590 (11)				13 810 (12)				15 020 (13)			
GENERAL	SKEW		0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°
	OVERALL LENGTH	W	12 740	13 190	14 710	18 017	13 960	14 452	16 120	19 742	15 170	15 705	17 517	21 454	16 390	16 969	18 926	23 179	17 610	18 231	20 334	24 904	18 820	19 484	21 731	26 615
	PILE CAP LENGTH	A	9 920	10 270	11 455	14 030	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
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
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
PILES	NUMBER – LOAD BEARING		6	7	8	9	7	8	8	10	8	8	9	12	9	9	10	13	9	10	11	14	10	11	12	15
	SPACING	D	1 642	1 445	1 435	1 630	1 572	1 419	1 636	1 640	1 520	1 589	1 606	1 498	1 482	1 556	1 584	1 517	1 635	1 524	1 567	1 533	1 588	1 496	1 551	1 546
	END DISTANCES	E	855	800	705	495	855	800	705	495	855	800	705	495	855	800	705	495	855	800	705	495	855	800	705	495
	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 CL 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



• WORK DRAWINGS S-1793, S-1794, S-1795 AND S-1796 TOGETHER WITH SITE SPECIFIC GENERAL LAYOUT

PERMIT TO PRACTICE
MOST ENGINEERING (2001) LTD.
ORIGINAL STAMPED AND SIGNED
Signature: W. POLANICA
Date: 2008-08-15
PERMIT NUMBER: P 8859
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

DESIGNER

CHECKER

2012-02-29

NOTE AND SUPPORT ANGLE DETAIL

REV DATE REVISIONS BY

RECOMMENDED
DIRECTOR BRIDGE ENGINEERING

ORIGINAL SIGNED BY
TOM LOO

APPROVED
EXECUTIVE DIRECTOR
TECHNICAL STANDARDS BRANCH

ORIGINAL SIGNED BY
ALLAN KWAN

DATE: SEPT 8, 2008

SL PRECAST GIRDER BRIDGES
WITH HIGH BACKWALL
STEEL ABUTMENTS - SHEET 3

AT BAR CODE DATE SHEET DRAWING
2008-08-18 3 of 4 S-1795-08