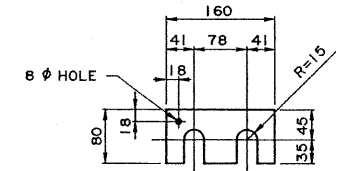


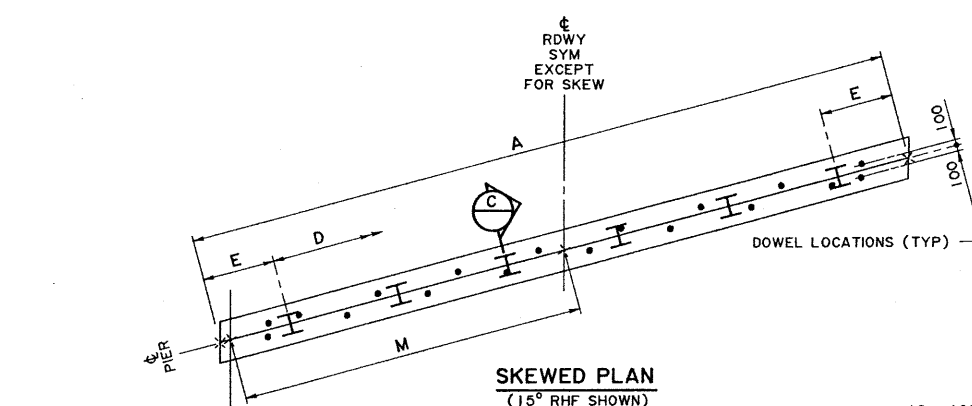
DATA FOR STANDARD SC PRECAST GIRDER BRIDGES

CLEAR ROADWAY (GIRDERS / SPAN)		8 000 ( 8 )				9 200 ( 9 )				10 400 (10)				11 600 (11)				12 800 (12)				14 000 (13)				
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°	
GENERAL	OVERALL LENGTH	A	9 100	9 420	10 508	12 870	10 300	10 664	11 894	14 566	11 500	11 906	13 278	16 266	12 800	13 248	14 780	18 104	14 000	14 494	16 168	19 802	15 200	15 734	17 552	21 498
	CROWN	B	91	91	91	91	103	103	103	103	115	115	115	115	128	128	128	128	140	140	140	140	152	152	152	152
	DIFFERENTIAL FOR ROADWAY GRADE OF	1% C	0	24	53	91	0	28	59	103	0	31	66	115	0	34	74	128	0	38	81	140	0	41	88	152
2% C		0	49	105	182	0	55	119	206	0	62	133	230	0	69	148	256	0	75	162	280	0	81	176	304	
3% C		0	73	158	273	0	83	178	309	0	92	199	345	0	103	222	384	0	113	242	420	0	122	263	456	
PILES	NUMBER	D	6	6	6	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	9	9	9	9
	SPACING	D	1 400	1 449	1 617	1 980	1 640	1 698	1 894	2 319	1 567	1 622	1 809	2 216	1 529	1 582	1 765	2 162	1 488	1 540	1 718	2 104	1 638	1 695	1 891	2 316
	END DISTANCES	E	1 050	1 087	1 212	1 485	1 050	1 087	1 212	1 485	1 050	1 087	1 212	1 485	1 050	1 087	1 212	1 485	1 050	1 087	1 212	1 485	1 050	1 087	1 212	1 485
	NUMBER OF DOWELS PER LINE		8	8	8	8	9	9	9	9	10	10	10	10	11	11	11	11	12	12	12	12	13	13	13	13
	CURB GIRDER LOCATION FROM BRIDGE	M	4 450	4 607	5 138	6 293	5 050	5 228	5 831	7 142	5 650	5 849	6 524	7 990	6 250	6 470	7 217	8 839	6 850	7 092	7 910	9 687	7 450	7 713	8 603	10 536
	NOMINAL GAP BETWEEN GIRDERS	N	7	8	9	10	6	6	7	8	4	5	5	6	3	4	4	5	3	3	3	4	2	2	2	3

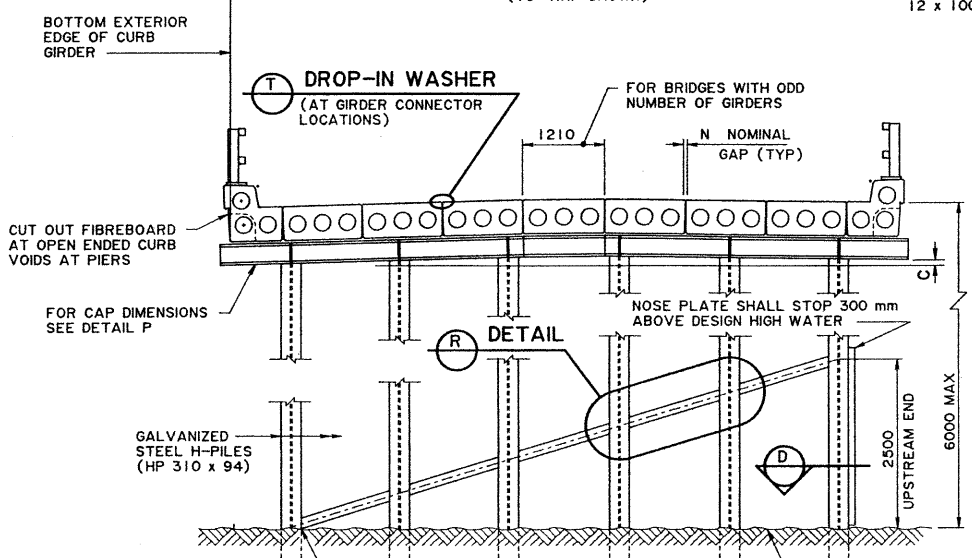


HOT DIP GALVANIZE AFTER FABRICATION

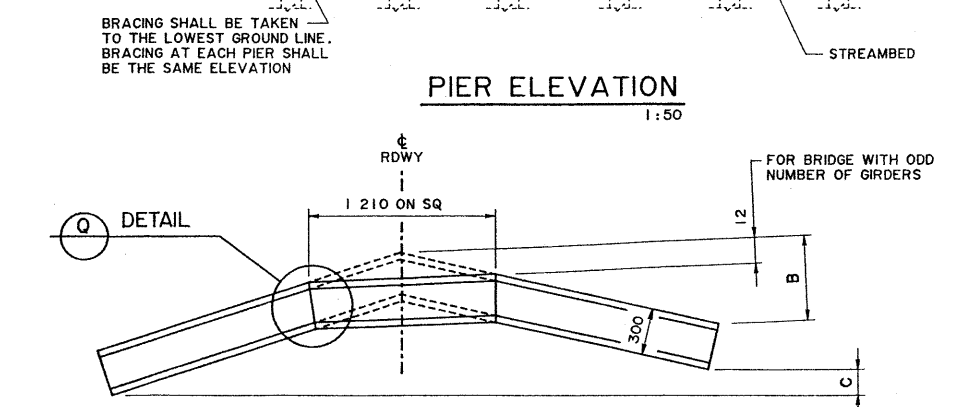
**(T) DROP-IN WASHER**  
S-1603-94 1:5  
FOR SC-510 GIRDER TO GIRDER CONNECTIONS IN 2 mm AND 4 mm THICKNESSES



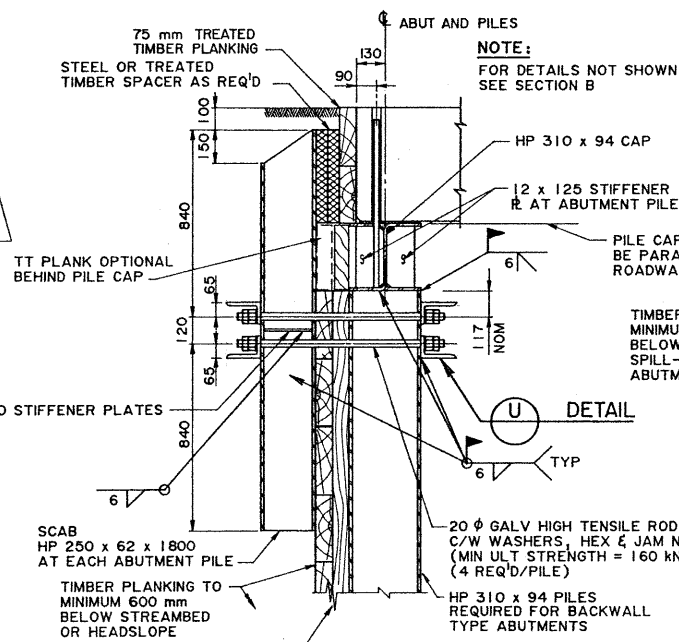
**(A) SKEWED PLAN**  
(15° RHF SHOWN)



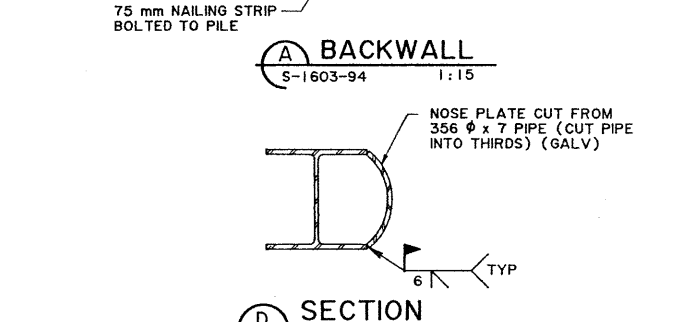
**(P) PIER ELEVATION**  
1:50



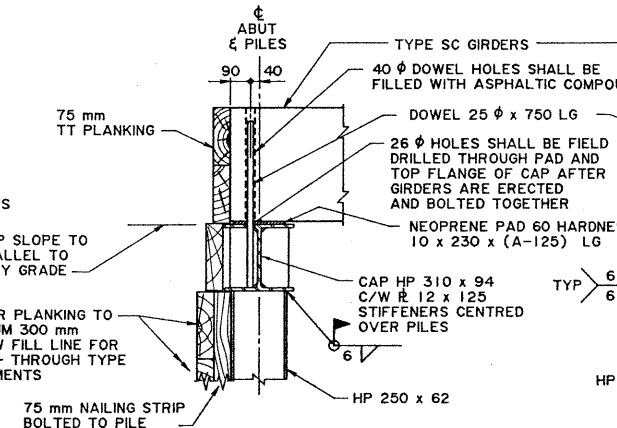
**(Q) DETAIL**  
S-1603-94 NTS  
S-1604-94  
(FOR B & C DIMENSIONS)



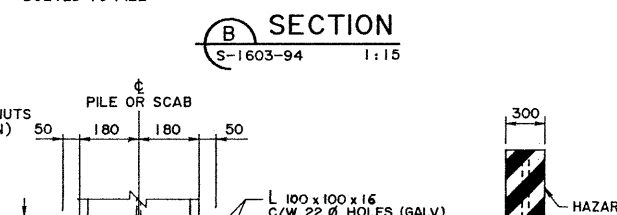
**(U) BACKWALL**  
S-1603-94 1:15



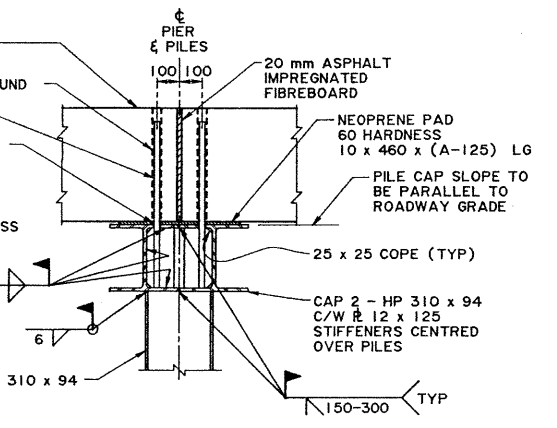
**(D) SECTION**  
1:10



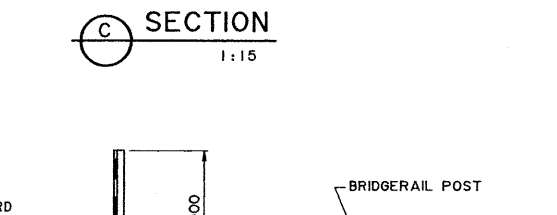
**(B) SECTION**  
S-1603-94 1:15



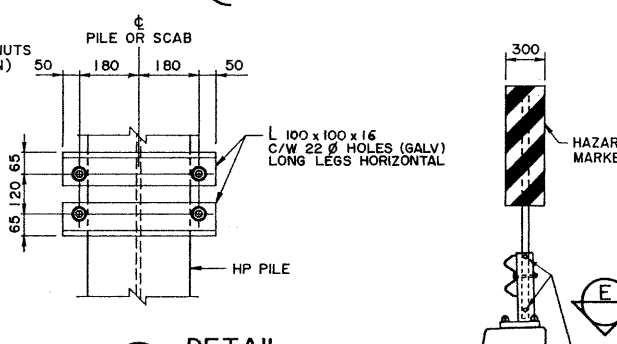
**(U) DETAIL**  
1:10



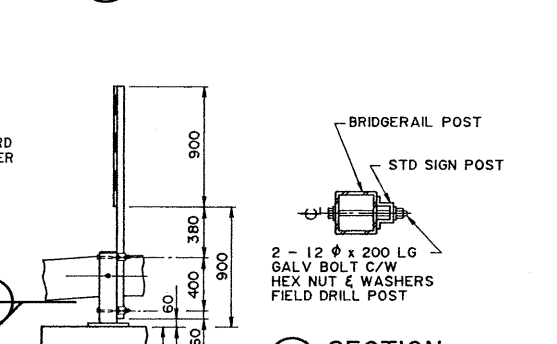
**(C) SECTION**  
1:15



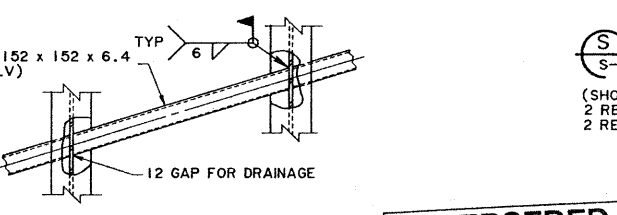
**(E) SECTION**  
1:10



**(U) DETAIL**  
1:10



**(E) SECTION**  
1:10



**(R) DETAIL**  
1:25

**SUPERSEDED BY S-1604-94**  
DATE: 00-12-12 BY REV 2 ON SHEET 4

• WORK DWGS S-1603-94 AND S-1604-94 TOGETHER WITH A SITE SPECIFIC GENERAL LAYOUT OR A BRIDGE AUTHORIZATION.

DESIGNED KST LEA		DRAWN VGB MIK		DATE 94-03-15	CHECKED	DATE	STREAM	LOCATION	HIGHWAY	FILE	SHEET 2 of 2	DRAWING S-1604-94
APPROVED  EXECUTIVE DIRECTOR BRIDGE ENGINEERING DATE: <i>Nov 20, 94</i>												
Alberta TRANSPORTATION AND UTILITIES BRIDGE ENGINEERING BRANCH <b>SC PRECAST GIRDER BRIDGES WITH STEEL SUBSTRUCTURES</b> <b>SHEET 2</b>												

NOTE: THIS DRAWING HAS BEEN REDUCED TO 22"X34" DO NOT SCALE