



SPLICE DETAILS

FLANGE & WEB WELDS

PILE DESIGNATION	SPLICE PLATE DIMENSIONS	
	PLATE A (WEB)	PLATE B (FLANGE)
HP 250 x 62	140 x 10 x 140	170 x 10 x 170
HP 310 x 94	175 x 12 x 175	200 x 12 x 200
HP 360 x 132	200 x 16 x 200	250 x 16 x 250

GENERAL NOTES

- DIMENSIONS ARE GIVEN IN mm. DETAILS ARE NOT TO SCALE.
- ② • STEEL SHALL CONFORM TO ASTM A36 OR CSA G40.21M 300W.

REQUIREMENTS AND PROCEDURE FOR SPLICING H-PILES

- ④ 1. FIELD WELDING SHALL BE IN ACCORDANCE WITH SECTION I3.4
- 2. PILE ENDS TO BE SPLICED SHALL BE FLAME CUT USING A STEEL GUIDE TO OBTAIN A SQUARE AND EVEN CUT. BEVEL CUTS SHALL BE MADE AT 45°.
- 3. SPLICE PLATES A & B SHALL BE WELDED TO THE UPPER PILE BEFORE POSITIONING IT.
- 4. THE UPPER PILE SHALL BE POSITIONED ON AND THE SPLICE PLATES WELDED TO THE LOWER PILE; BUTT WELDS SHALL THEN BE MADE.

**SUPERSEDED BY
S-1415-87 REVISION 5 ⑥**

DRAFTING STANDARDS PAGE: 3.6

④	2001-06-19	GENERAL NOTES	<i>AW</i>	AW
③	99-03-29	BEB CHANGED TO TSB		RY
②	94-11-30	GENERAL NOTES		RJR
①	87-03-11	REDRAWN FROM S-1415		DHQ
NO	DATE	REVISIONS		BY

Alberta TRANSPORTATION AND UTILITIES
TECHNICAL STANDARDS BRANCH

**STANDARD
H-PILE SPLICE**

DESIGNED DHQ	DRAWN MIK	DATE 87-03-11	APPROVED EXECUTIVE DIRECTOR	SIGNATURE <i>[Signature]</i>	DATE 11/4/87	PAGE 3.13	DRAWING S-1415-87
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