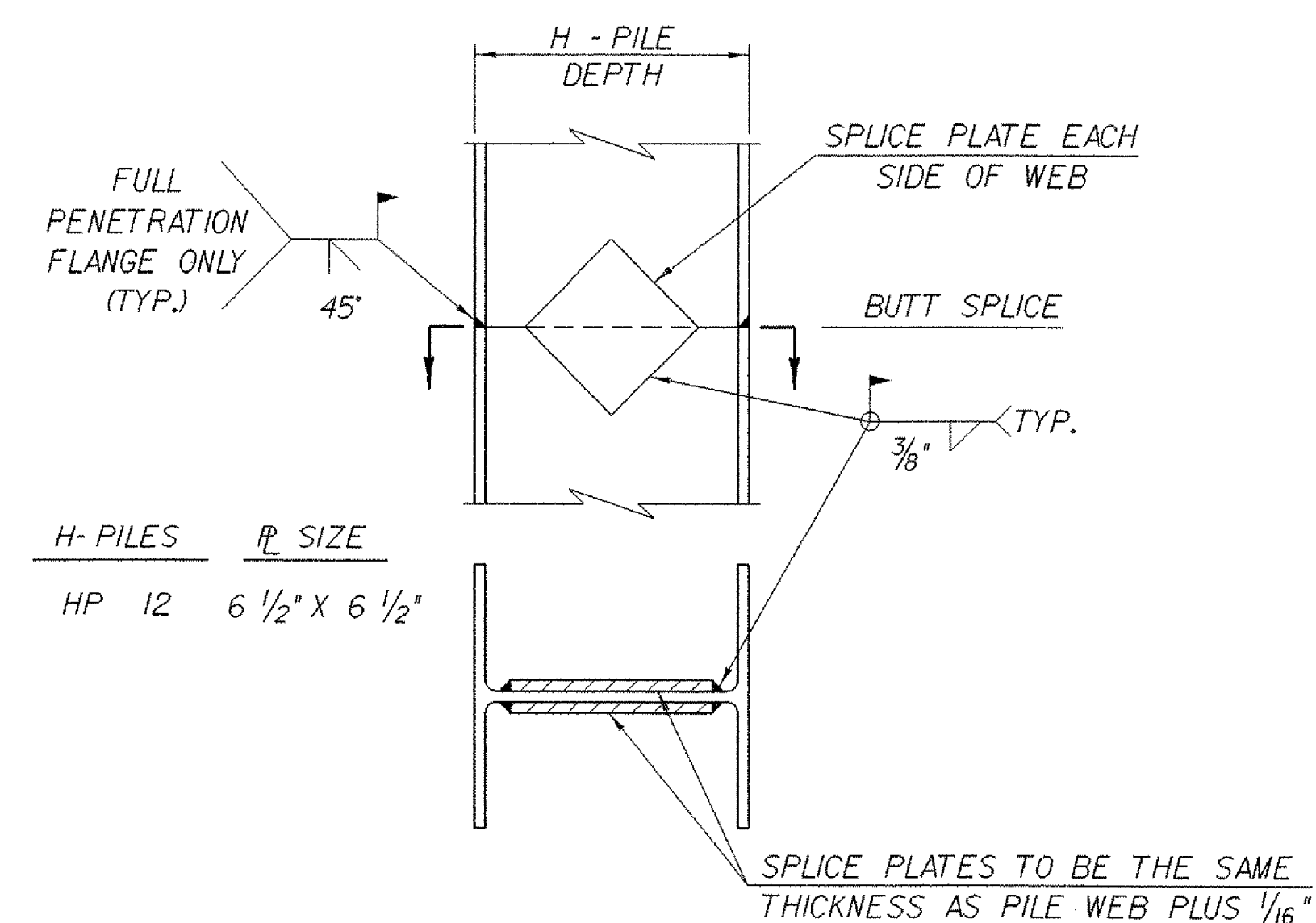
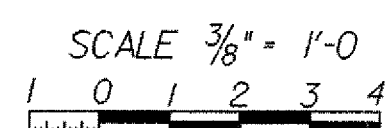


ABUTMENT NO. 1 PILE LAYOUT
(ABUTMENT NO. 2 SIMILAR)



DETAIL OF PILE SPLICE
NTS

PILE NOTES

1. H - INDICATES LOCATION OF A VERTICAL H-PILE.
2. PILE SIZE: HP 12 X 84
3. PILE STEEL: AASHTO M270 GRADE 50
4. WELDING PROCEDURES TO BE APPROVED BY THE STRUCTURES ENGINEER PRIOR TO WELDING.

SUBSTRUCTURE DETAILS
PILES

PROJECT NAME: CASTLETON	PLOT DATE: 09-FEB-2007
PROJECT NUMBER: RS 0142(10)	DRAWN BY: L. BULLOCK
FILE NAME: 78f193/sf193sub.dgn	CHECKED BY: C. CARLSON
PROJECT LEADER: R. WHITCOMB	SHEET 51 OF 68
DESIGNED BY: J. PERRIGO	
78f193/str/sf193pile.i	