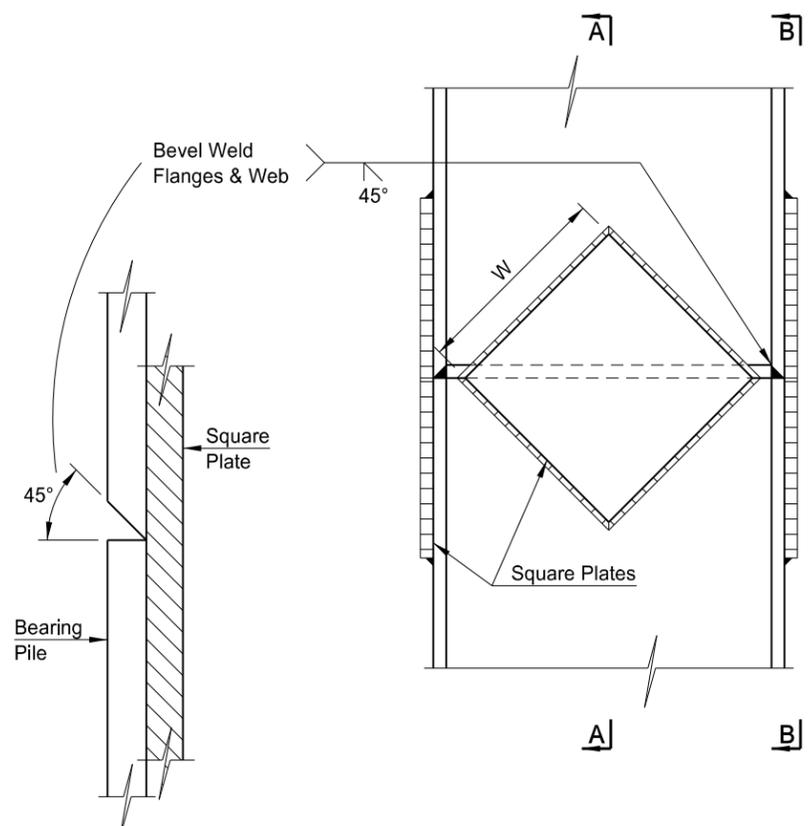
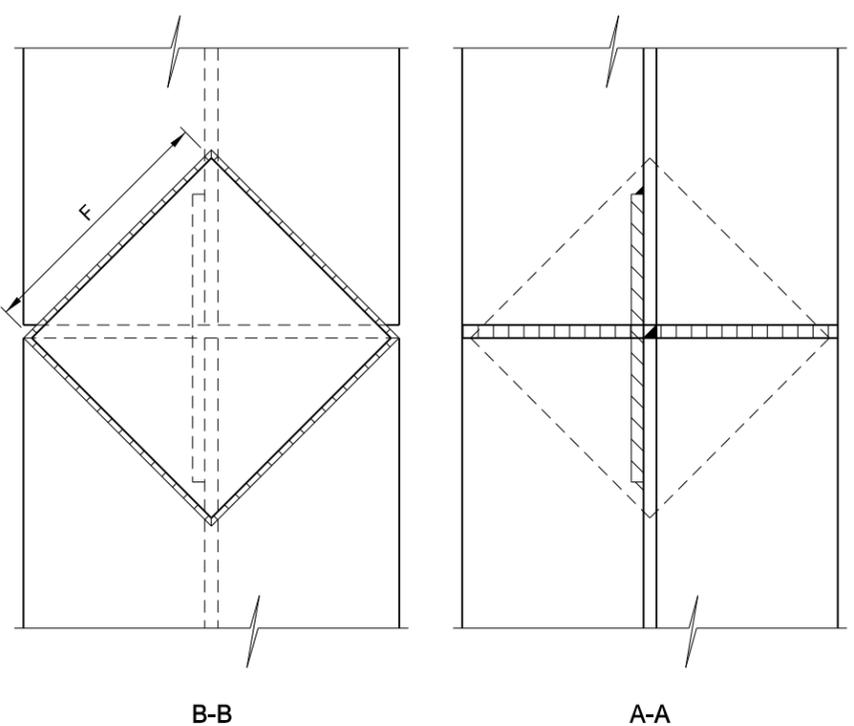


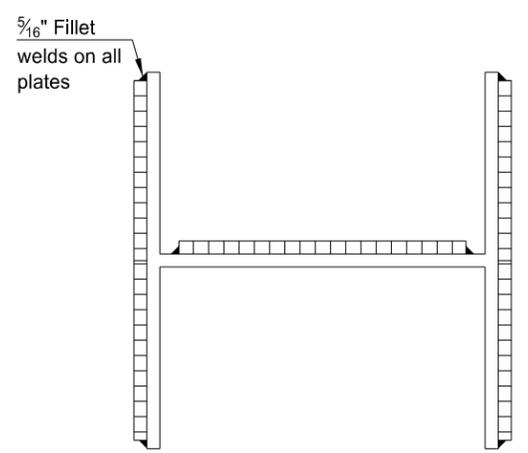
PILE SPLICE DETAILS



ENLARGED VIEW

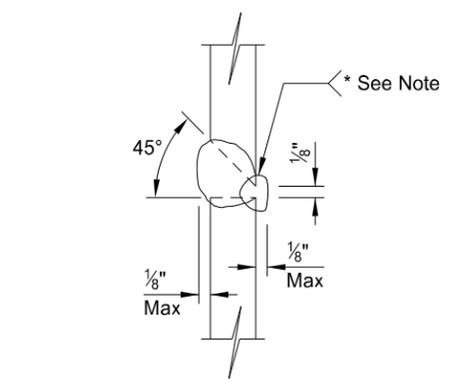


Flame scarf inside of both flanges and one side of web of upper section.



PILE	8"	10"	12"	14"
"F" FLANGE	5"	6 1/2"	8"	10"
"W" WEB	4"	5 1/2"	6 1/2"	8"

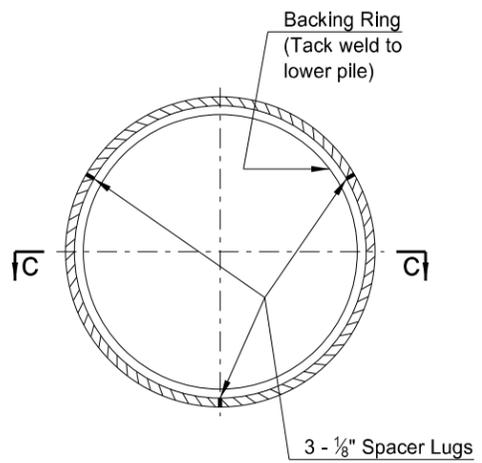
H-PILE SPLICE DETAIL



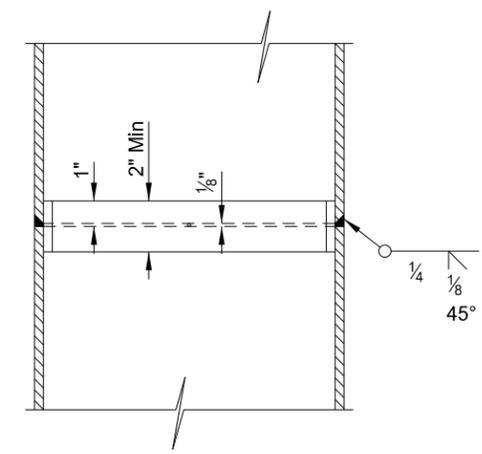
ALTERNATE H-PILE SPLICE DETAIL

NOTES:

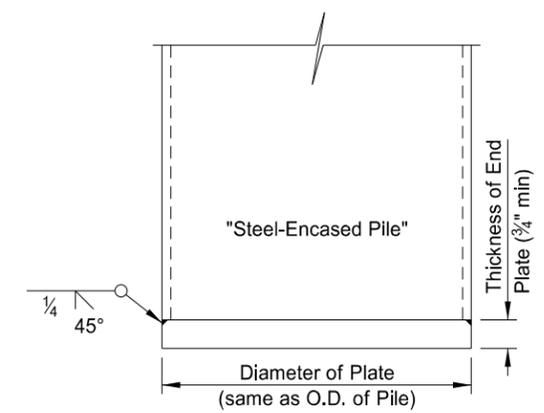
- Steel H-Pile may be spliced with complete penetration groove welds in both flanges and web in lieu of using the reinforcing plates.
- AWS classification E70XX Low Hydrogen Electrodes shall be used.
- \* Welds made without the use of backing material shall have the root gouged to sound metal and welded from the second side.
- All welding shall conform to the current AASHTO/AWS D1.5 Bridge Welding Code.
- The thickness of the steel square plates shall at a minimum be as thick as the flanges and web of the pile being spliced.



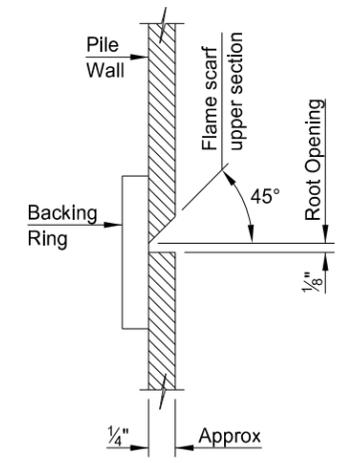
Backing Ring may be made from pile cut-offs or other material of a like quality.



STEEL-ENCASED CONCRETE PILE SPLICE DETAIL



END PLATE DETAIL



ENLARGED VIEW

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
09/14/11	
REVISIONS	
DATE	CHANGE
09/03/19	UPDATED SIGNATURE

This document was originally issued and sealed by  
 Jon Kettering  
 Registration Number PE-4684,  
 on 09/03/19 and the original document is stored at the North Dakota Department of Transportation