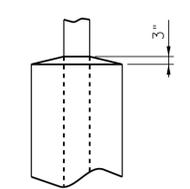


NOTE: WRAP PILE WITH AMERICAN WELDED FABRIC 2" x 2" NO. 10 WIRE. (MIN. LAP OF WELDED FABRIC = 1'-0") COST OF WIRE FABRIC TO BE INCLUDED IN UNIT PRICE BID FOR CLASS "A" CONCRETE.

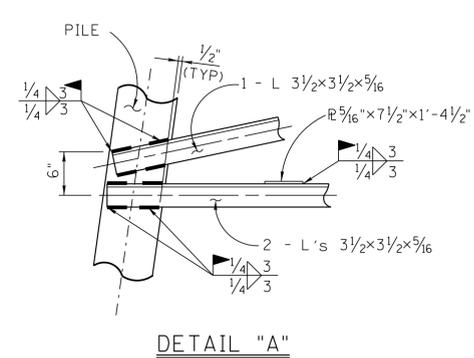
SECTION "X"-"X" (SHOWING H PILE) SECTION "X"-"X" (SHOWING PIPE PILE)

NOTE: DETAILS ARE SHOWN FOR A 10" H PILE AND A 10" PIPE PILE. COVER DIMENSIONS SHALL APPLY TO OTHER SIZE PILES, ALSO.

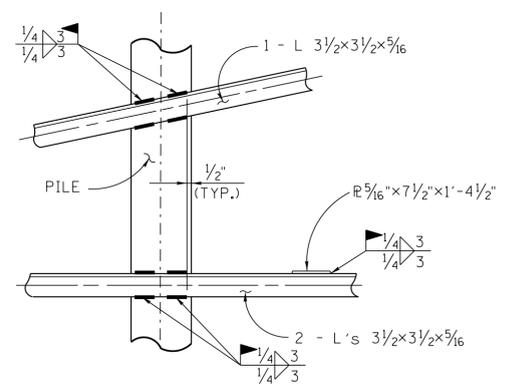
PROJECT NO.	YEAR	SHEET NO.	
	1990		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	11-27-90	MAH	DETAILS FROM DWG. M-174-150. NEW DRAWING
2	9-1-91	M.A.H.	CHANGED DWG. NO. M-174-150A
3	10-26-92	MAH	REVISED STEEL PILE SPLICE DETAILS AND WELD SYMBOLS.
4	5-21-99	CMH	REVISED PILE EMBEDMENT. DELETED DETAIL "C" & ADDED PIPE PILE DETAILS
5	4-8-05	JHW	ADDED ENCASING BLOCK DETAIL
6	5-1-14	JHW	ADDED LAP DIMENSION



NOTE: TOP OF ENCASING BLOCKS SHALL BE SLOPED TO DRAIN AS SHOWN.



DETAIL "A"

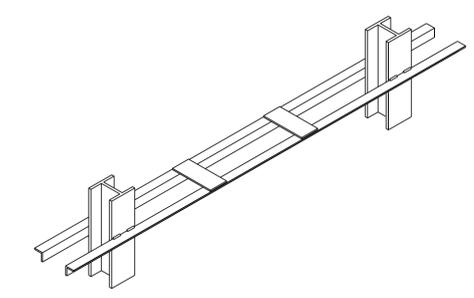


DETAIL "B"

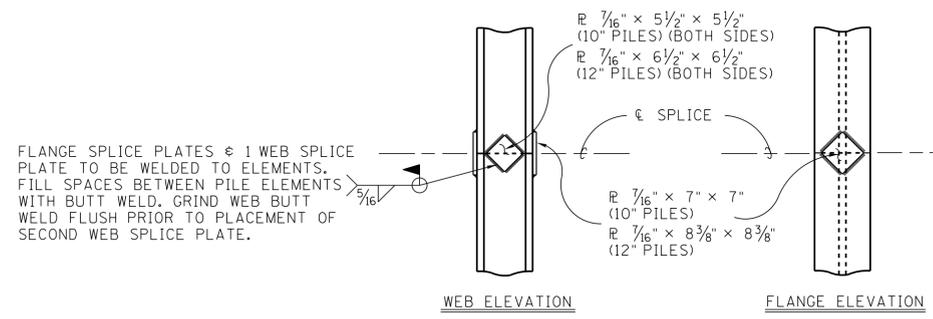
PILE BENT DETAILS

NOTE: WHEN SUBSTITUTION OF STEEL FOR PRECAST CONCRETE PILES OR PRECAST CONCRETE PILES FOR STEEL PILES IS PERMITTED, THE DETAILS WILL BE AS SHOWN (SEE "PILE BENT DETAILS"). THE SUBSTITUTION DOES NOT PERMIT CHANGING THE NUMBER OF PILES IN EITHER CASE. SHOULD THE CONTRACTOR, WHEN PERMITTED, ELECT TO SUBSTITUTE STEEL PILES FOR CONCRETE PILES, THE COST OF ENCASING BLOCKS AT GROUND LINES AND BRACING IF REQUIRED, SHALL BE INCLUDED IN THE PRICE BID PER LIN. FT. OF PILES.

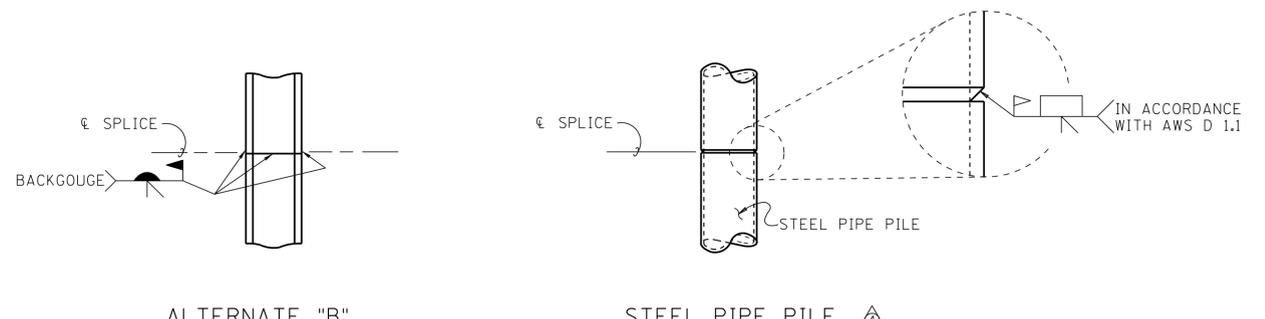
NOTE: WHEN "H" FOR STEEL PILE IS 10'-0" OR GREATER, BRACING IS REQUIRED.



DETAIL "I"



ALTERNATE "A"



ALTERNATE "B"

STEEL PIPE PILE

FLANGE SPLICE PLATES & 1 WEB SPLICE PLATE TO BE WELDED TO ELEMENTS. FILL SPACES BETWEEN PILE ELEMENTS WITH BUTT WELD. GRIND WEB BUTT WELD FLUSH PRIOR TO PLACEMENT OF SECOND WEB SPLICE PLATE.

BACKGOUGE

IN ACCORDANCE WITH AWS D 1.1

STEEL PILE SPLICE DETAILS

NOTE: THE CONTRACTOR MAY USE ALTERNATE "A" OR ALTERNATE "B" FOR H PILES.

SPLICING OF STEEL PILES SHALL BE IN STRICT ACCORDANCE TO THE ANSI/AWS D 1.1 STRUCTURAL WELDING CODE. FIELD WELDS MAY BE MADE WITH MEMBERS IN THE HORIZONTAL OR VERTICAL POSITION PROVIDED THE APPROPRIATE PREQUALIFIED AWS D 1.1 WELD JOINT IS USED FOR THAT POSITION. THE WORK SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER.

MINOR REVISION - FHWA APPROVAL NOT REQUIRED
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
STANDARD PILE DETAILS 1990

DESIGNED BY M. HOLLORAN
DRAWN BY KEITH DOUGLAS
SUPERVISED BY K.L.F., KDF., MAH
CHECKED BY
DATE 11-90
DATE 11-90

CORRECT Edward P. Wasserman
ENGINEER OF STRUCTURES