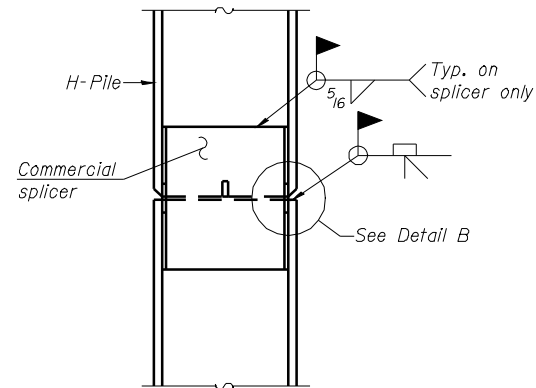
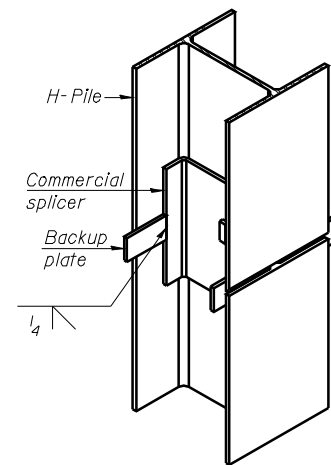


STEEL PILE TABLE

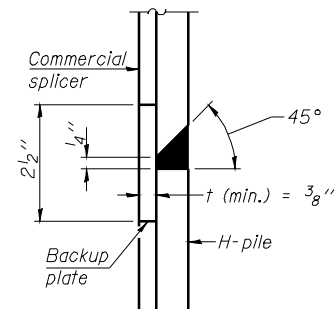
Designation	Depth d	Flange width b_f	Web and flange thickness t	Encasement diameter A
HP 14x117	14 $\frac{1}{4}$ "	14 $\frac{7}{8}$ "	1 $\frac{3}{16}$ "	30"
x102	14"	14 $\frac{3}{4}$ "	1 $\frac{1}{16}$ "	30"
x89	13 $\frac{7}{8}$ "	14 $\frac{3}{4}$ "	5 $\frac{5}{8}$ "	30"
x73	13 $\frac{5}{8}$ "	14 $\frac{5}{8}$ "	1 $\frac{1}{2}$ "	30"
HP 12x84	12 $\frac{1}{4}$ "	12 $\frac{1}{4}$ "	1 $\frac{1}{16}$ "	24"
x74	12 $\frac{1}{8}$ "	12 $\frac{1}{4}$ "	5 $\frac{5}{8}$ "	24"
x63	12"	12 $\frac{1}{8}$ "	1 $\frac{1}{2}$ "	24"
x53	11 $\frac{3}{4}$ "	12"	7 $\frac{1}{16}$ "	24"
HP 10x57	10"	10 $\frac{1}{4}$ "	9 $\frac{1}{16}$ "	24"
x42	9 $\frac{3}{4}$ "	10 $\frac{1}{8}$ "	7 $\frac{1}{16}$ "	24"
HP 8x36	8"	8 $\frac{1}{8}$ "	7 $\frac{1}{16}$ "	18"



ELEVATION

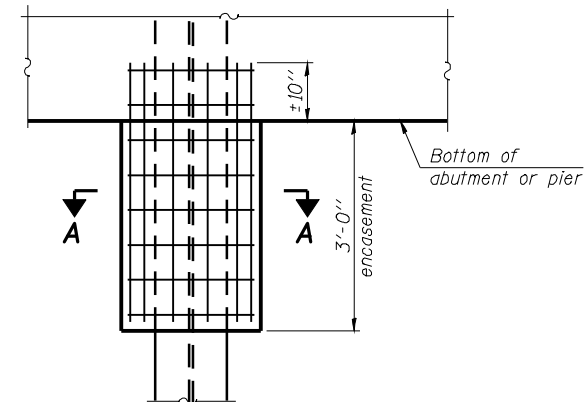


ISOMETRIC VIEW

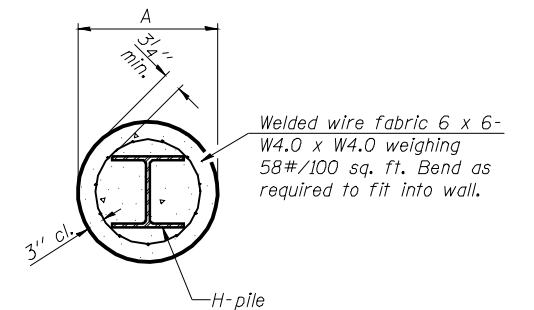


DETAIL "B"

WELDED COMMERCIAL SPLICE



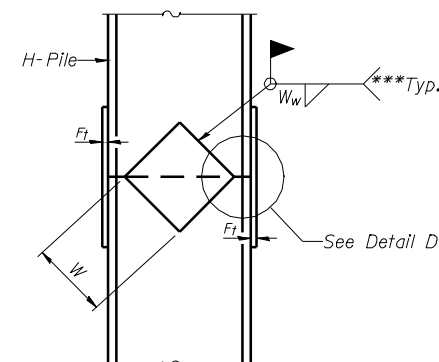
ELEVATION



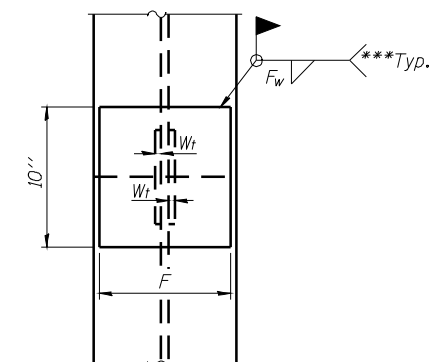
Note:
Forms for encasement may be omitted
when soil conditions permit.

SECTION A-A

PILE ENCASEMENT

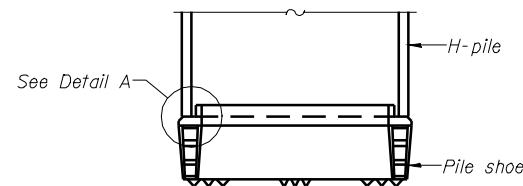


ELEVATION

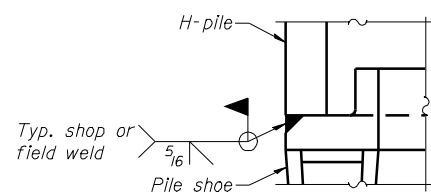


END VIEW

Designation	F	F_t	F_w	W	W_t	W_w
HP 14x117	$12\frac{1}{2}''$	$1''$	$7\frac{7}{8}''$	$7\frac{3}{4}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
x102	$12\frac{1}{2}''$	$7\frac{7}{8}''$	$3\frac{3}{4}''$	$7\frac{3}{4}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
x89	$12\frac{1}{2}''$	$3\frac{3}{4}''$	$11\frac{1}{16}''$	$7\frac{3}{4}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
x73	$12\frac{1}{2}''$	$5\frac{7}{8}''$	$9\frac{1}{16}''$	$7\frac{3}{4}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
HP 12x84	$10''$	$7\frac{7}{8}''$	$11\frac{1}{16}''$	$6\frac{1}{2}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
x74	$10''$	$7\frac{7}{8}''$	$11\frac{1}{16}''$	$6\frac{1}{2}''$	$5\frac{7}{8}''$	$\frac{1}{2}''$
x63	$10''$	$5\frac{7}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$3\frac{3}{8}''$
x53	$10''$	$5\frac{7}{8}''$	$\frac{1}{2}''$	$6\frac{1}{2}''$	$\frac{1}{2}''$	$3\frac{3}{8}''$
HP 10x57	$8''$	$3\frac{3}{4}''$	$9\frac{1}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$3\frac{3}{8}''$
x42	$8''$	$5\frac{7}{8}''$	$9\frac{1}{16}''$	$5\frac{1}{4}''$	$\frac{1}{2}''$	$3\frac{3}{8}''$
HP 8x36	$7''$	$5\frac{7}{8}''$	$7\frac{1}{16}''$	$4\frac{1}{4}''$	$\frac{1}{2}''$	$3\frac{3}{8}''$

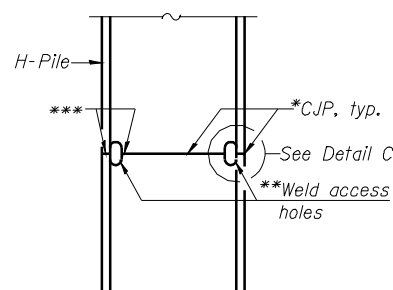


ELEVATION

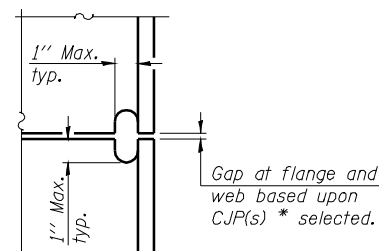


DETAIL A

H-PILE SHOE ATTACHMENT



ELEVATION



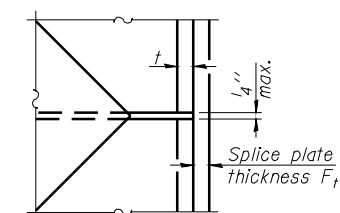
DETAIL C

COMPLETE PENETRATION WELD SPLICE

*Use joint conforming to Figure 3.4 in AWS D1.1, Structure Welding Code - Steel.

***Preparation per Fig. 5.2 in AWS D1.1, Structure Welding Code - Steel.*

***Interrupt welds $\frac{1}{4}$ " from end of each pile.



DETAIL D

WELDED PLATE FIELD SPLICE

Note:
The steel H-piles shall be according to
AASHTO M270 Grade 50.