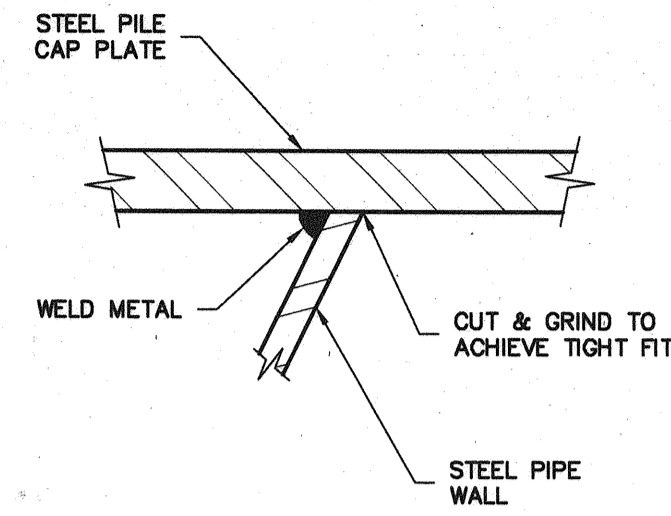
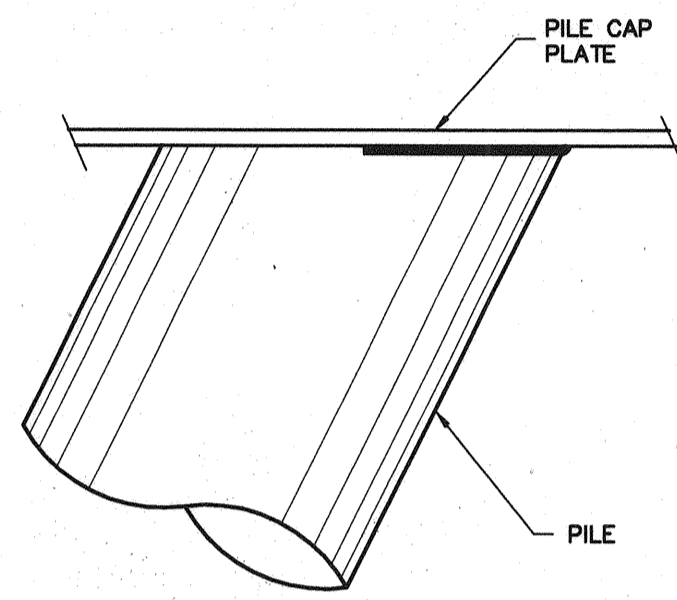


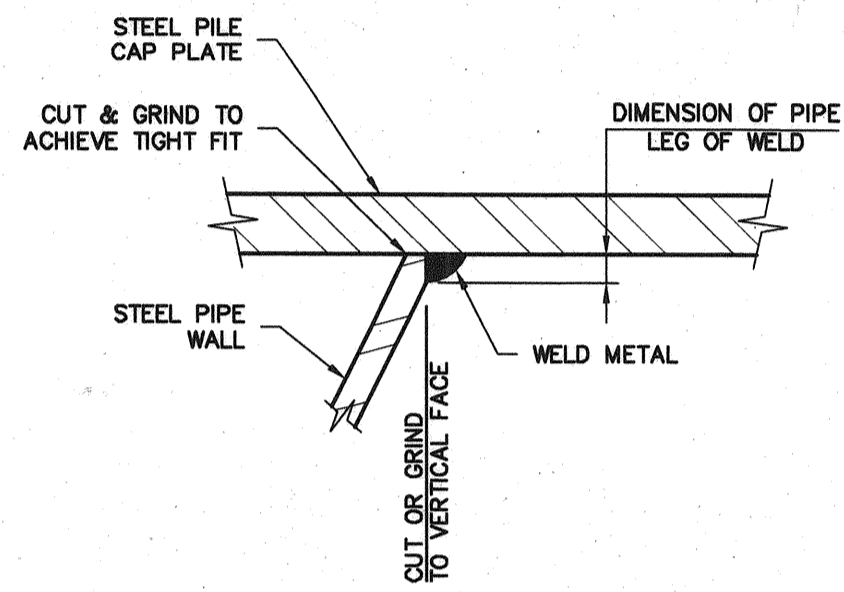
PLAN



WELD PROFILE No. 1



ELEVATION

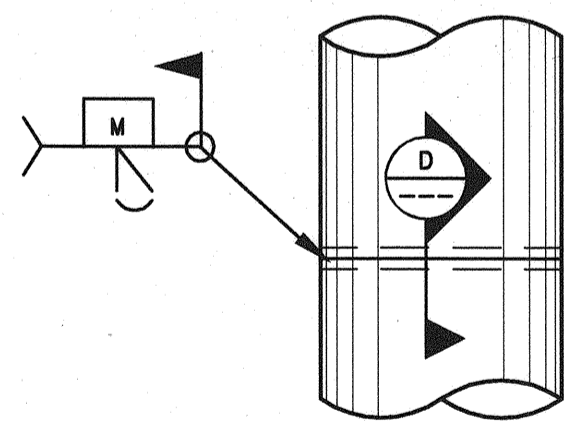


WELD PROFILE No. 2



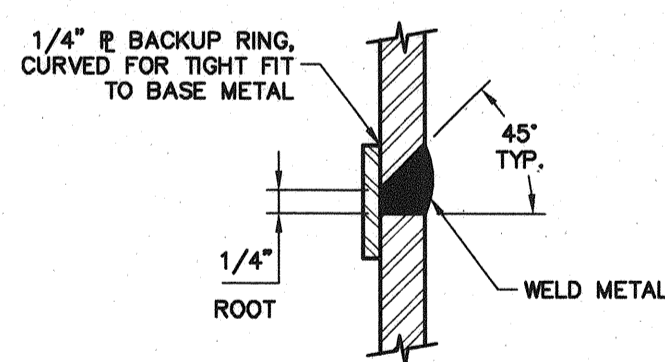
1 BATTER PILE WELD

N.T.S.



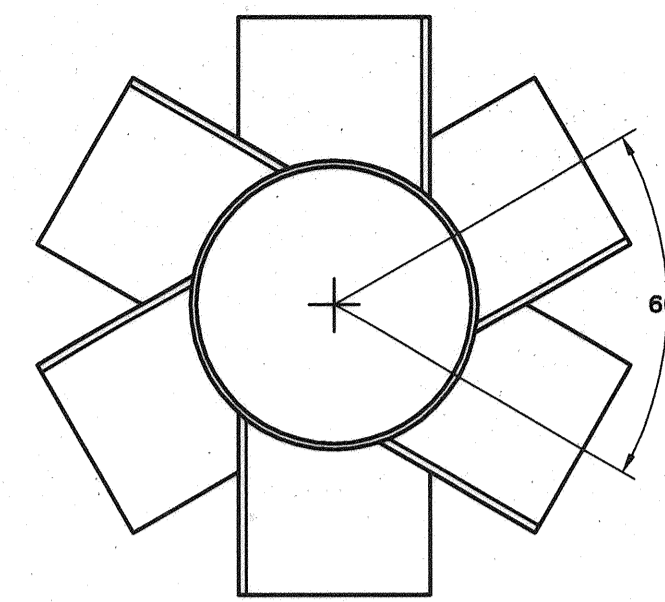
PILE SPLICE

TYPICAL FOR ALL FIELD PIPE PILE SPLICES (SHOP WELDS, SIMILAR)  
N.T.S.



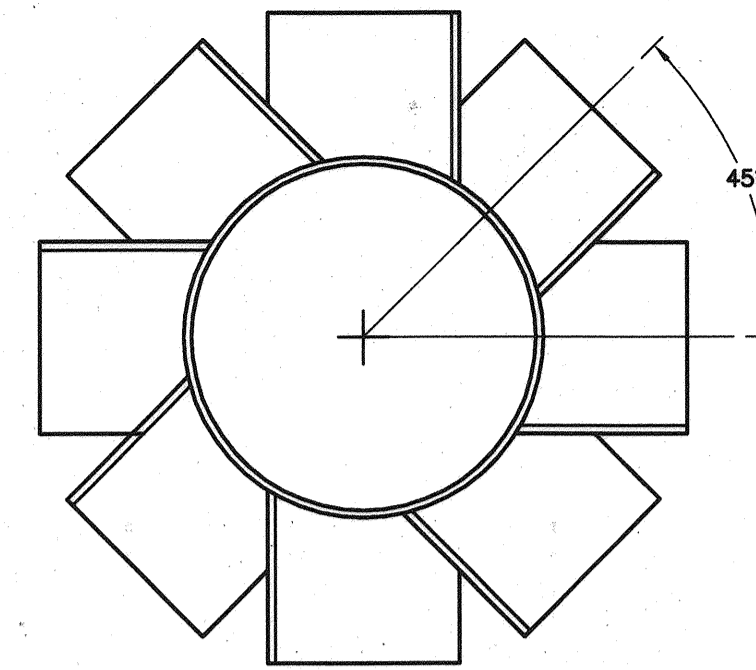
SECTION D

N.T.S.



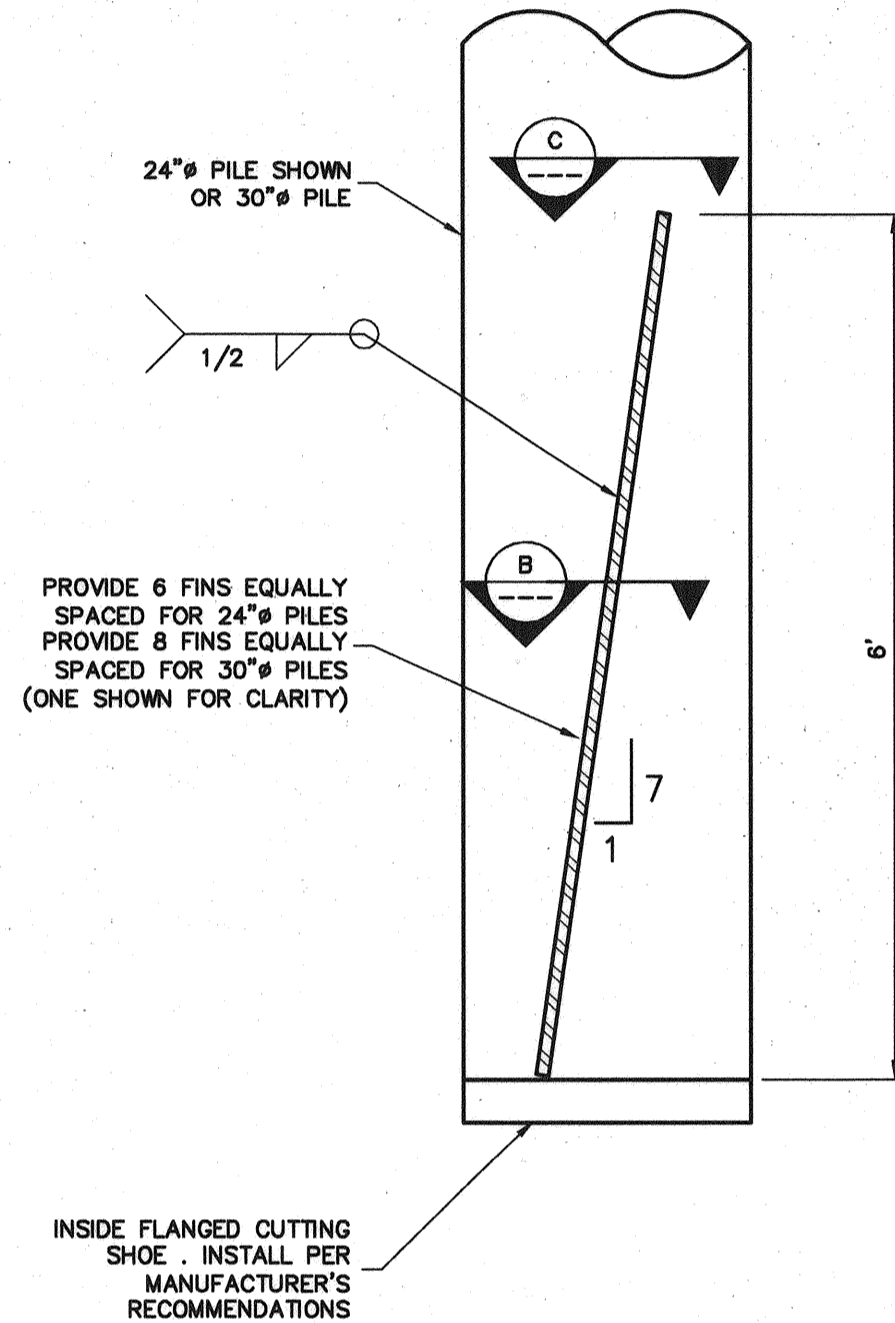
SECTION A

6 FINS FOR 24" PILES  
N.T.S.



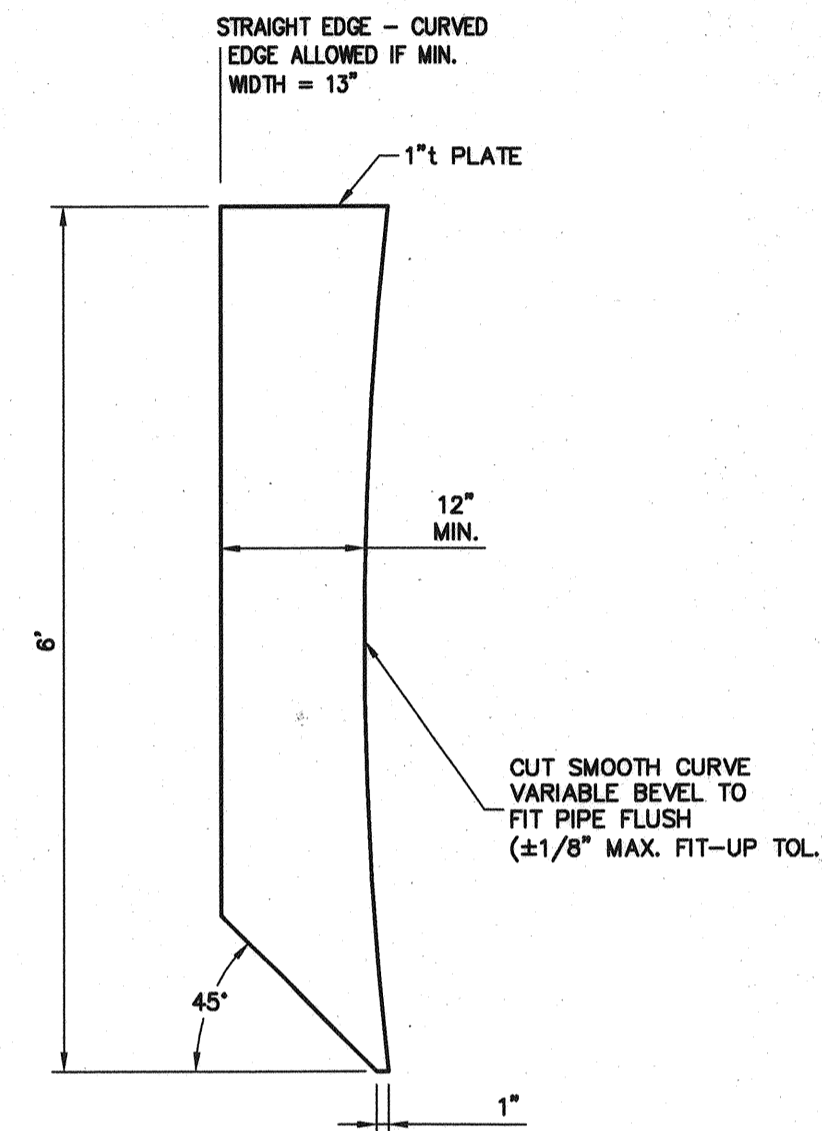
SECTION A

8 FINS FOR 30" PILES  
N.T.S.



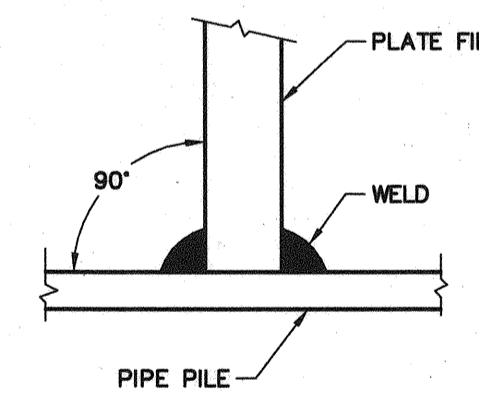
SPIN-FIN TIP

N.T.S.



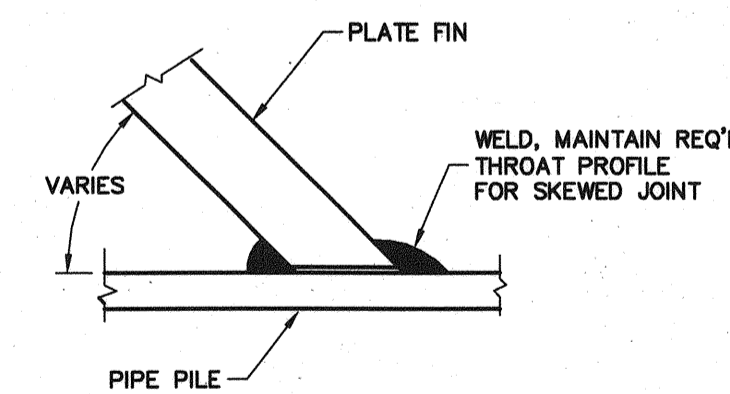
FIN DETAIL

N.T.S.



SECTION B

N.T.S.



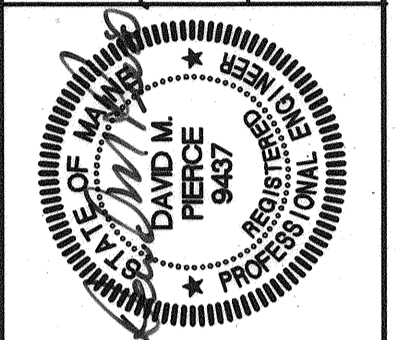
SECTION C

N.T.S.

811 First Avenue, Suite 570  
Seattle, Washington 98104  
Phone: (206) 624-1387  
Fax: (206) 624-1388  
E-Mail: mail@prubsa.com

CONSULTING ENGINEERS  
Incorporated

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
PROJECT NUMBER 009215.00  
PIN 009215.00



PROJ. MANAGER	DATE	BY	DATE
PAUL POTTLE	09/01/04	DH	09/01/04
DESIGN-DETAILED	RJ	DP	
CHECKED-REVIEWED	DT		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CITY OF PORTLAND  
OCEAN GATEWAY PHASE 1  
MARINE/WATER COMPONENTS  
PILE DETAILS

W401  
64 OF 288