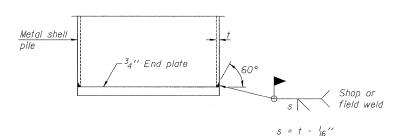
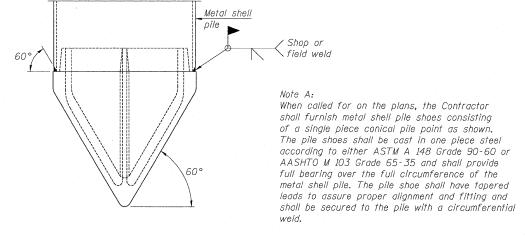


METAL SHELL PILE TABLE

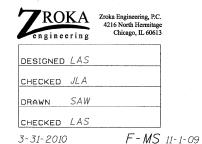
Designation	Wall	Weight per	Inside	
and outside diameter	thickness t	foot (Lbs./ft.)	volume (yd.³/ft.)	
PP12	0.179''	22.60	0.0274	
PP12	0.250"	31.37	0.0267	
PP14	0.250"	36.71	0.0368	
PP14	0.312''	45.61	0.0361	



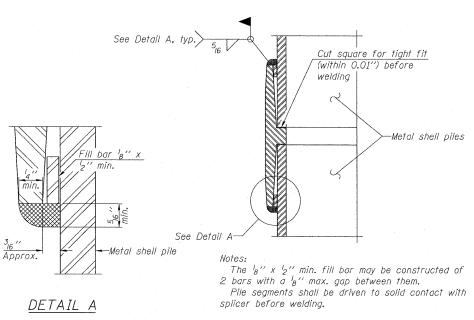
END PLATE ATTACHMENT



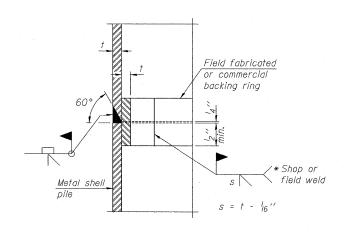
METAL SHELL PILE SHOE ATTACHMENT (See Note A)



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



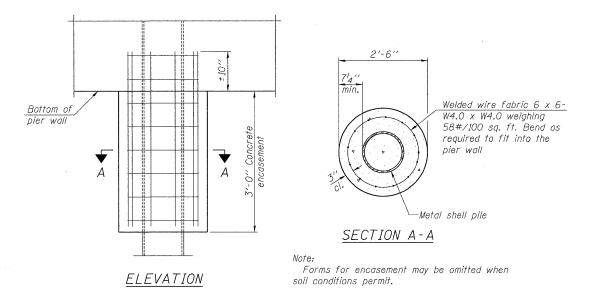
WELDED COMMERCIAL SPLICE



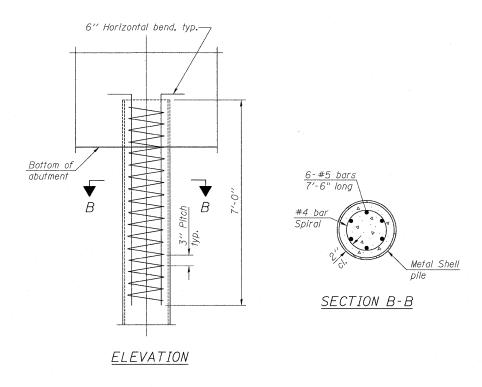
COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.

Note: The metal shell piles shall be according to ASTM A 252 Grade 3.



CONCRETE ENCASEMENT AT PIERS



METAL SHELL REINFORCEMENT AT ABUTMENTS

METAL SHELL PILE DETAILS STRUCTURE NO. 082-0377

	SHEET NO. 40	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		64	82-1-2HB	ST. CLAIR	345	247		
	44 SHEETS	CONTRACT NO. 76C49						
		ILLINOIS FED. AID PROJECT						

Reviseo 4/15/2010