

RevNo	Revision note	Date	Signature	Checked

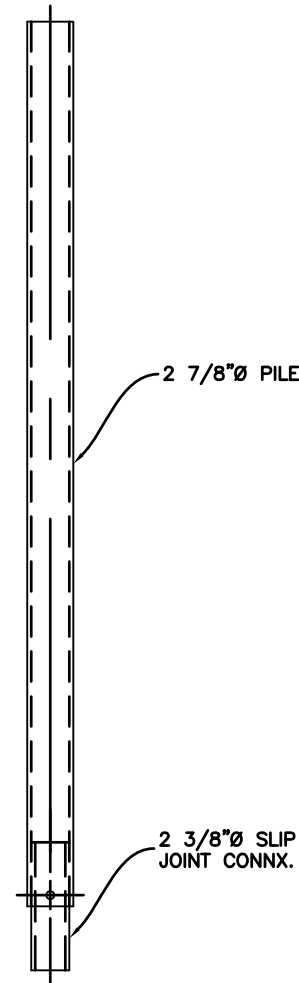
2 7/8"Ø DRIVEN PILE SPECIFICATIONS

MECHANICAL PROPERTIES OF PILINGS

PILING DIAMETER	2 3/8"	2 7/8"
t (in)	0.190	0.217
R (in)	0.775	0.943
Fy (ksi)	65.0	65.0
Fu (ksi)	85.0	85.0
Ix (in ⁴)	0.784	1.611
Sx (in ³)	0.660	1.121
Zx (in ³)	0.909	1.536
J (in ⁴)	1.568	3.222

PILING CHART

PART NUMBER	ICC-ES PART #	LENGTH (ft)
4221	4221.1	2'-0
4223	4223.1	3'-0
4225	4225.1	5'-0
4227	4227.1	7'-0



NOTES:

1. POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC 228
2. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECONIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
3. ALL WELDING IS TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
4. THE CAPACITY OF THE UNDERPINNING SYSTEM IS A FUNCTION OF MANY INDIVIDUAL ELEMENTS, INCLUDING THE CAPACITY OF THE FOUNDATION, BRACKET, PILING MATERIAL, AND BEARING STRATA, AS WELL AS THE STRENGTH OF THE FOUNDATION BRACKET CONNECTION AND THE QUALITY OF THE INSTALLATION OF THE PILE.
5. RAM JACK ENGINEERING HANDBOOK FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.

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UNLESS OTHERWISE SPECIFIED
 * DIMENSIONS ARE IN INCHES
 * TOLERANCES: ANGLE ±1°
 3 PLACE DECIMALS ± .010
 2 PLACE DECIMALS ± .02
 * REMOVE ALL BURRS AND SHARP EDGES
 * PARENTHEICAL INFO FOR REF ONLY

HOLE TOLERANCES					
.013	.126	.251			
THRU +.004	THRU +.004	THRU +.006			
.125	.250	.500			
.501	.751	1.001			
THRU +.008	THRU +.010	THRU +.012			
THRU -.001	THRU -.001	THRU -.001			
.750	1.000	2.000			

FILE NAME	2 7/8"Ø PILINGS	FSC# NO	SHEET	SCALE
SIZE	A-SIZE TITLE BLOCK		1 OF 1	1" = 1'-0
DRAWN	10-16-08		CHARLES MARVIN	
CHECK	DARIN WILLIS		2 7/8"Ø PILINGS	
APPR.	DARIN WILLIS		DWG NO	
ISSUED				
REV				
CONTRACT NO				