

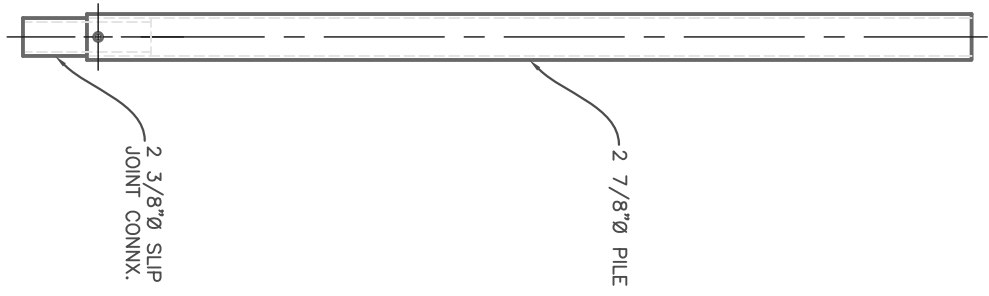
2 7/8" Ø DRIVEN PILE SPECIFICATIONS

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

NOTES:

- POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC 228
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECONIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
- ALL WELDING IS TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
- 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.
- RAM JACK ENGINEERING HANDBOOK FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.



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

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF RAM JACK SYSTEMS DISTRIBUTION, LLC. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE EXPRESSED WRITTEN CONSENT OF RAM JACK SYSTEMS DISTRIBUTION, LLC. ALL RIGHTS RESERVED UNDER COPYRIGHT LAWS.



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

HOLE TOLERANCES	
0.13 THRU +.004	±.010
.125 THRU -.001	±.02
.501 THRU +.008	±.02
.750 THRU -.001	±.02
1.000 THRU +.010	±.02
1.000 THRU -.001	±.02
2.000 THRU +.012	±.02
2.000 THRU -.001	±.02

FILE NAME	2 7/8" Ø PILINGS	ISCTM NO		SHEET	1 OF 1	SCALE	1" = 1'
SIZE	A-SIZE TITLE BLOCK			CHARLES T. MARVIN			
DRAWN	10-16-08			2 7/8" Ø PILINGS			
CHECK				DWG NO			
APPR.	DARIN WILLIS						
ISSUED							
REV							
CONTRACT NO							

RevNo	Revision note	Date	Signature	Checked

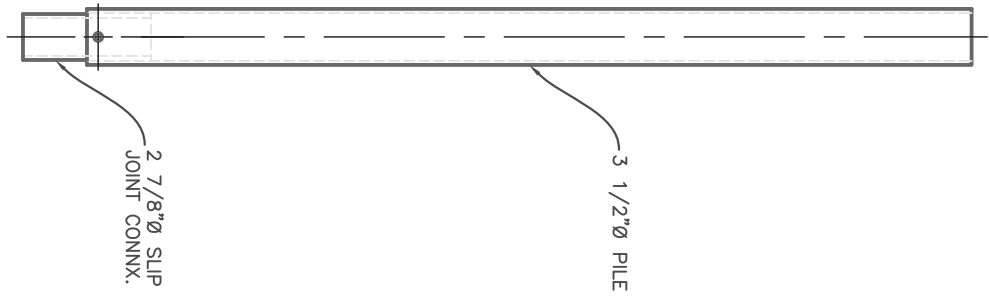
3 1/2"Ø DRIVEN PILE SPECIFICATIONS

MECHANICAL PROPERTIES OF PILING

PILING DIAMETER	2 7/8"	3 1/2"
t (in)	0.217	0.254
R (in)	0.943	1.151
Fy (ksi)	65.0	65.0
Fu (ksi)	85.0	85.0
Ix (in ⁴)	1.611	3.432
Sx (in ³)	1.121	1.961
Zx (in ³)	1.536	2.682
J (in ⁴)	3.222	6.865

NOTES:

- POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC 228
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
- ALL WELDING IS TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
- 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.
- RAM JACK ENGINEERING HANDBOOK FOR ALLOWABLE VALUES AND/OR CONDITIONS OF USE CONCERNING MATERIAL PRESENTED IN THIS DOCUMENT.



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

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF RAM JACK SYSTEMS DISTRIBUTION, LLC. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE EXPRESSED WRITTEN CONSENT OF RAM JACK SYSTEMS DISTRIBUTION, LLC. ALL RIGHTS RESERVED UNDER COPYRIGHT LAWS.



FOUNDATION SOLUTIONS

UNLESS OTHERWISE SPECIFIED

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

SOLE TOLERANCES

0.13	126	251
THRU +.004	THRU +.004	THRU +.006
THRU -.001	THRU -.001	THRU -.001
.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	3 1/2"Ø PILING	ISCTM NO	SHEET	SCALE
SIZE	A-SIZE TITLE BLOCK		1 OF 1	1" = 1'
DRAWN	10-16-08		CHARLES T. MARVIN	
CHECK			DARIN WILLIS	
APPR.	DARIN WILLIS		3 1/2"Ø PILING	
ISSUED			DWG NO	
REV				
CONTRACT NO				