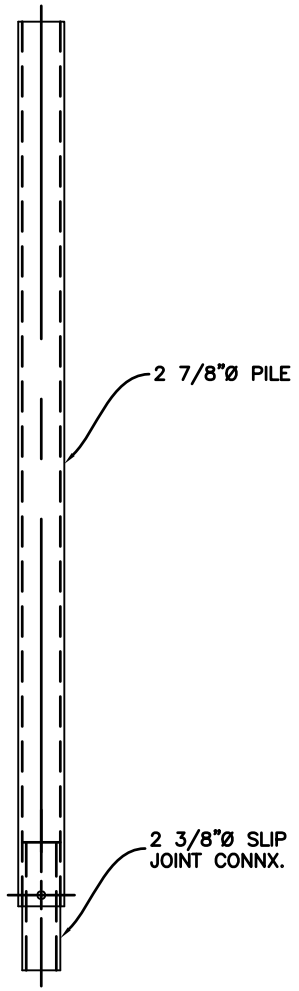
RevNo	Revision note	Date	Signature	Checked

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.

RAMJACK

UNLESS OTHERWISE SPECIFED
* 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

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

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