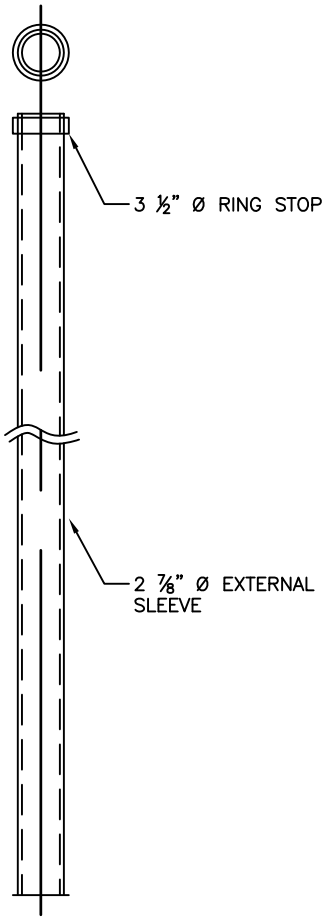
RevNo	Revision note	Date	Signature	Checked

2 7/8" Ø EXTERNAL SLEEVE SPECIFICATIONS

MECHANICAL PROPERTIES OF EXTERNAL SLEEVE

PILING DIAMETER	2 7/8"
t (in)	0.217
R (in)	0.923
Fy (ksi)	65.0
Fu (ksi)	80.0
Ix (in^4)	1.611
Sx (in^3)	1.121
Zx (in^3)	1.536
J (in^4)	3.222



2 7/8"ø SLEEVE CHART

PART NUMBER	LENGTH (ft)
4100.78	1'–6
4107.78	4'–0
4109.78	5'–0
4112.78	8'–0
4114.78	10'–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 3/8"ø PILINGS	FSCM NO	
SIZE	A-SIZE TITLE BLOCK	SHEET	1 OF 1
DRAWN	10-16-08	SCALE	1" = 1'-0
CHECK	DARIN WILLIS		JOSH SANDERS
APPR.	DARIN WILLIS		
ISSUED			2 7/8"ø EXTERNAL SLEEVE
REV		DWG NO	
CONTRACT NO			