

Rev#	Revision note	Date	Signature	Checked

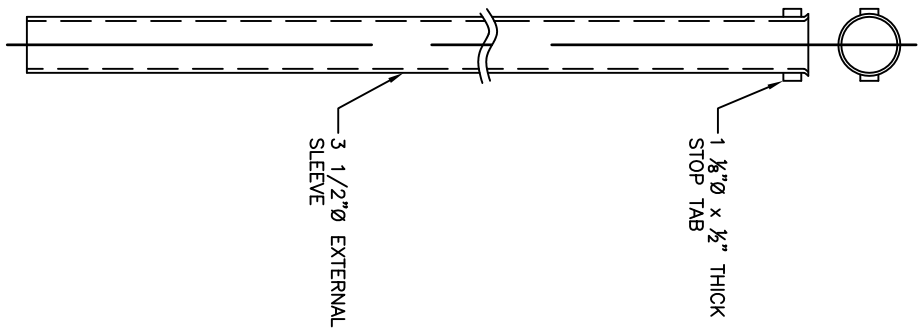
3 1/2" Ø EXTERNAL SLEEVE SPECIFICATIONS

MECHANICAL PROPERTIES
OF EXTERNAL SLEEVE

PILING DIAMETER	3 1/2"
t (in)	0.254
R (in)	1.151
Fy (ksi)	65.0
Fu (ksi)	85.0
Ix (in ⁴)	3.432
Sx (in ³)	1.961
Zx (in ³)	2.682
J (in ⁴)	6.865

3 1/2" Ø SLEEVE CHART

PART NUMBER	LENGTH (ft)
4101	1'-0
4103	2'-0
4107	4'-0
4109	5'-0
4110	6'-0
4112	8'-0
4114	10'-0
4116	12'-0



*NO FLARED END ON SLEEVES
5'-0 OR LONGER.

NOTES:

1. POLYETHYLENE COPOLYMER THERMOPLASTIC COATING PER ICC-ES AC 228
2. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED 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.

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	
.013 THRU +.004	.126 THRU +.004
.125 THRU -.001	.250 THRU -.001
.301 THRU +.008	.751 THRU +.010
.750 THRU -.001	1.000 THRU -.001
	2.000 THRU -.001

FILE NAME	3 1/2" Ø PILINGS	FSOM NO	
SIZE	A-SIZE TITLE BLOCK		
DRAWN	10-16-08		
CHECK	DARIN WILLIS		
APPR.	DARIN WILLIS		
ISSUED			
REV			
DWG NO	3 1/2" Ø EXTERNAL SLEEVE		

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SHEET	1 OF 1	SCALE	1" = 1'-0
JOSH SANDERS			

