

RevNo	Revision note	Date	Signature	Checked

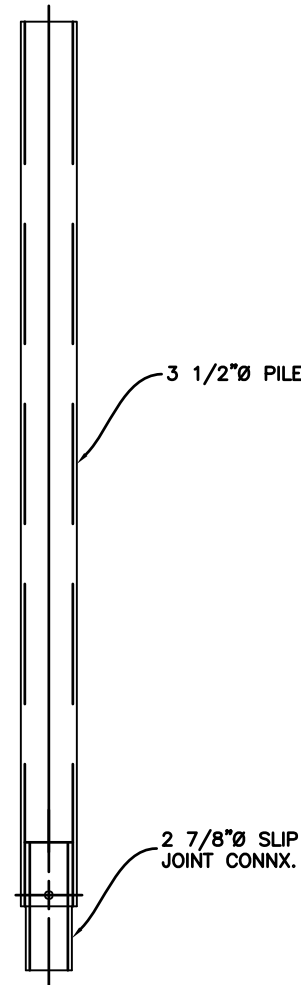
### 3 1/2"Ø DRIVEN PILE SPECIFICATIONS

#### MECHANICAL PROPERTIES OF PILINGS

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 <sup>4</sup> )	1.611	3.432
Sx (in <sup>3</sup> )	1.121	1.961
Zx (in <sup>3</sup> )	1.536	2.682
J (in <sup>4</sup> )	3.222	6.865

#### PILING CHART

PART NUMBER	LENGTH (ft)
4225.35	5'-0
4227.35	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	
-.001	-.001	-.001	
.125	.250	.500	
.501	.751	1.001	
THRU +.008	THRU +.010	THRU +.012	
-.001	-.001	-.001	
.750	1.000	2.000	

FILE NAME	3 1/2"Ø PILINGS	FSC# NO		SHEET	1 OF 1	SCALE	1" = 1'-0
SIZE	A-SIZE TITLE BLOCK		DRAWN		CHARLES MARVIN		
DRAWN	10-16-08		CHECK		DARIN WILLIS		
CHECK	DARIN WILLIS		APPR.		DARIN WILLIS		
APPR.	DARIN WILLIS		ISSUED		3 1/2"Ø PILINGS		
ISSUED			REV		DWG NO		
REV			CONTRACT NO				