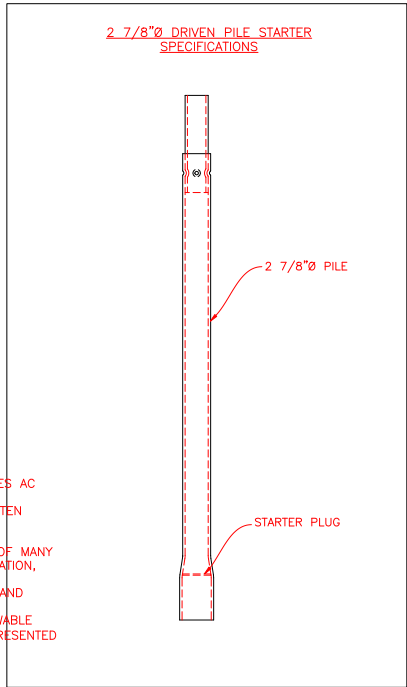


| RevNo | Revision note | Date | Signature | Checked |
|-------|---------------|------|-----------|---------|
| | | | | |

**MECHANICAL PROPERTIES
OF
STARTER**

| 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 ²) | 0.784 | 1.611 |
| Sx (in ³) | 0.660 | 1.121 |
| Zx (in ²) | 0.909 | 1.536 |
| J (in ⁴) | 1.568 | 3.222 |



PILING CHART

| PART NUMBER | LENGTH (ft) |
|-------------|-------------|
| 4234 | 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. 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.
4. RAM JACK ENGINEERING HANDBOOK AND ESR-1854 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
- * PARENTHETICAL INFO FOR REF ONLY

HOLE TOLERANCES

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

| | | | |
|-------------|--------------------|---------|--|
| FILE NAME | 2 7/8"Ø STARTER | FSCH NO | |
| SIZE | A-SIZE TITLE BLOCK | | |
| DRAWN | 8/23/2016 | | |
| CHECK | DARIN WILLIS | | |
| APPR | DARIN WILLIS | | |
| ISSUED | | | |
| REV | | | |
| CONTRACT NO | | | |

| | |
|-----------------|-----------|
| SHEET | SCALE |
| 1 OF 1 | 1" = 1'-0 |
| SA | |
| 2 7/8"Ø STARTER | |
| DWG NO | |