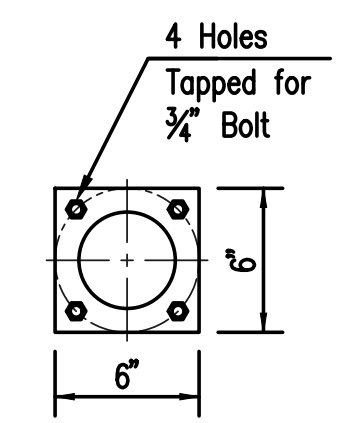
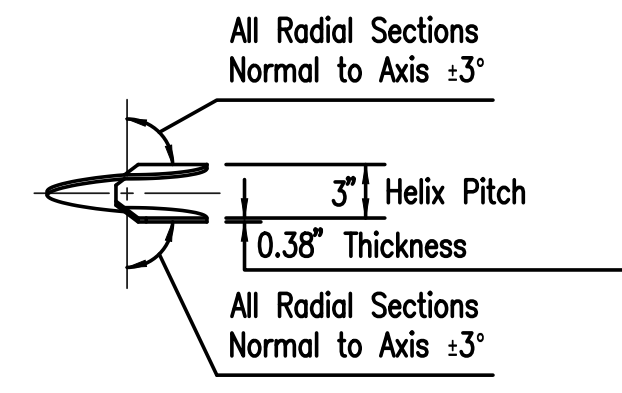


**Section A-A**



**Section B-B**



Helix Must Be Formed By Matching Metal Die

**Pedestrian Pushbutton Post Detail**

**Pushbutton Post Notes:**

- Hot dip galvanized per ASTM A153--(Latest Revision). Finish to smooth surface.
- Pipe material per ASTM A500 Grade B or ASTM A618 GRADE III.
- A pole base cover is to be provided with this pole. See the pre-approved materials list for acceptable items.

**Screw In Foundation Detail**

**Screw-In-Foundation Notes:**

- Finish: Hot dip galvanize per ASTM-A153 (Latest Revision).
- Baseplate to be perpendicular to shaft axis ( $\pm 1^\circ$ ) and hole centerline concentric ( $\pm .188$ ) to shaft axis.
- Stencil minimum  $\frac{1}{2}$  inch letters manufacturer's number after galvanizing.
- Flame cut two slots in shaft perpendicular to the baseplate.
- Preheat, tumbleblast, handgrind, and clean baseplate, helix, and pilot point on all welded areas.
- Flamecut irregularities permissible:
  - \* Valleys not to exceed  $\frac{1}{32}$  inch below nominal surface LEVEL.
  - \* Peaks or positive irregularities not to exceed  $\frac{1}{32}$  inch above nominal surface level or intersections of nominal surfaces.
- Manufacturer to have in effect industry recognized written quality control for all materials and manufacturing processes.
- All material is to be new, unused and mill traceable meeting the following specifications:
  - Baseplate: ASTM A36--(Latest Revision) Hot Rolled Steel
  - Plate Shaft: Steel Tubing, per ASTM 500 Grade B Structural.
  - Helix: ASTM A635--(Latest Revision)  $\frac{3}{8}$  Thick Hot Rolled Steel Plate or Coil.
- Baseplate permanently marked to indicate cableway openings in shaft.
- Foundation includes:
  - (4) .75" X3.5" SAE J429 GR.5 Hex Head Bolts
  - (4) Round Flat Washers
  - (4) Lock Washers

**Pedestrian Pushbutton Post and Foundation Detail**

Sowed: 07-19-2017 3:46:35 PM by CP  
 Plot Scale: 1:1 07-25-2017 10:42:39 AM by CP  
 U:\Wichita-Civil\2015\15956\000\Multi-Trans\Drawings\15956-000-66C-SIGNAL PEDBSTAL - SCREW IN

No.	Revision	By	Date
TYLER ROAD BETWEEN MAPLE AND CENTRAL PAVING AND INCIDENTAL DRAINAGE IMPROVEMENTS <b>PED. PUSHBUTTON POST DETAIL</b> GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85282			
		PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com	
Designed by	CKC	Job No.	31-15956-000
Drawn by	CP	Date	JULY 2017
			Sht. 66 of 96