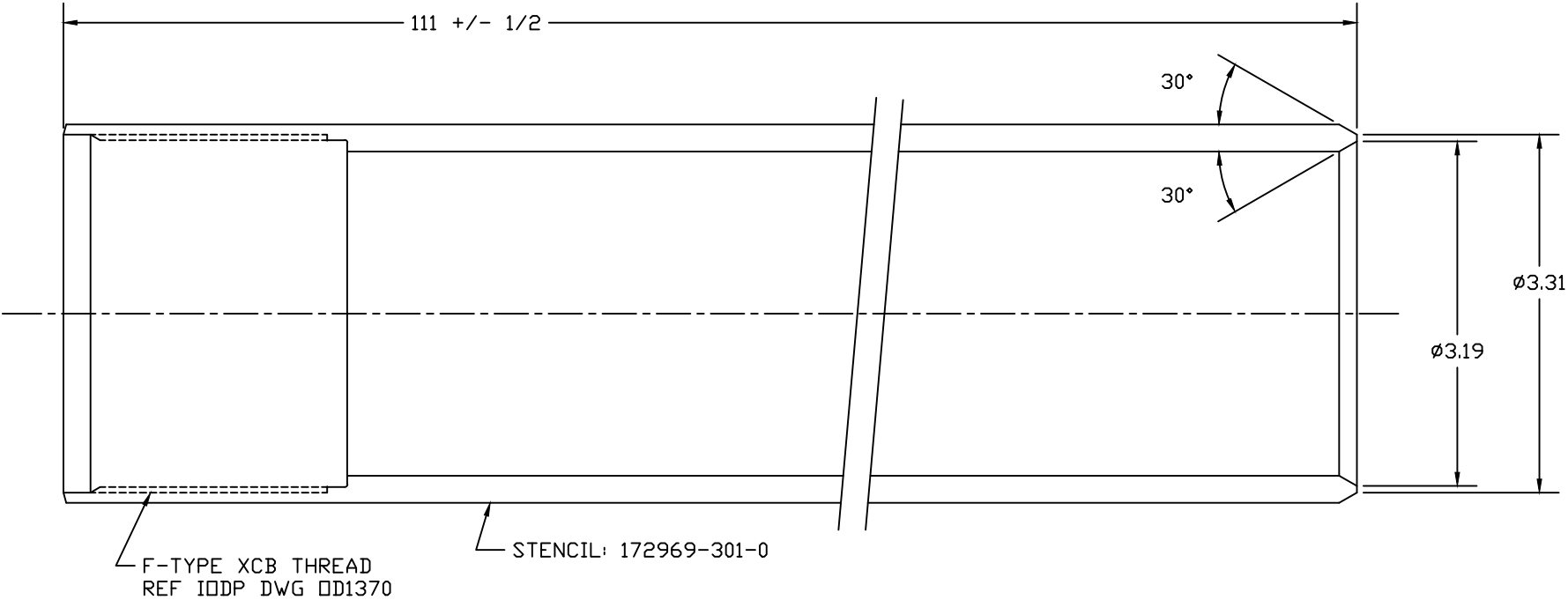
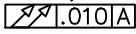


REVISIONS				
NO	DESCRIPTION	DATE	BY	APR/DATE
1	CHG'D OAL FROM 111 TO 119	22OCT11	TP	TomP/22OCT11
2	CHG'D OAL FROM 119 TO 111	1AUG12	TP	TomP/1AUG12



NOTES:  
 1) ALT MATL #1 - 3.5 OD X 3.0 OD STEEL MECHANICAL TUBING  
 ALT MATL #2 - IODP XCB CORE BARREL

MATERIAL: 3.5 OD X 3.0 ID 4130/40 STEEL TUBING  
 HEAT TREAT: COMM HT  
 SURF TREAT: NONE

TOLERANCES: UNLESS OTHERWISE SPECIFIED		PROPRIETARY NOTICE THIS DRAWING AND THE INFORMATION IT CONTAINS ARE CONSIDERED CONFIDENTIAL AND MAY NOT BE REPRODUCED, COPIED OR USED, IN PART OR IN WHOLE, WITHOUT PRIOR WRITTEN CONSENT.		PETTIGREW ENGINEERING, PLLC 479 NINE MILE ROAD MILAM, TEXAS 75959 Tel: +979-450-0422 Email: pettigrew.engineering@windstream.net			
.X	± .030	SHEET 1 OF 1		TITLE FLAPPER GUIDE TUBE, MDHDS			
.XX	± .010	SCALE 1:1		SYSTEM MDHDS		ASSEMBLY 172969-100	
.XXX	± .005	BY TomP		APPROVED TomP		CHECKED TomP	
ANGLES ± .5° BREAK EDGES .015 X 45° MIN FINISH 125/ 		DATE 20OCT11		SIZE A		P/N 172969-301	
ALL DIMS ARE IN INCHES UNLESS OTHERWISE NOTED.						REV. 2	