

NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING IAW THE GLOBAL PROFESSIONAL PUBLICATIONS "DRAWING REQUIREMENTS MANUAL", EIGHTH EDITION.
2. INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M - 1982.
3. INTERPRET ABBREVIATIONS IAW MIL-STD-12.
4. MASS OF CATHODE FULLY ASSEMBLED IS 20 LBS., DRY.

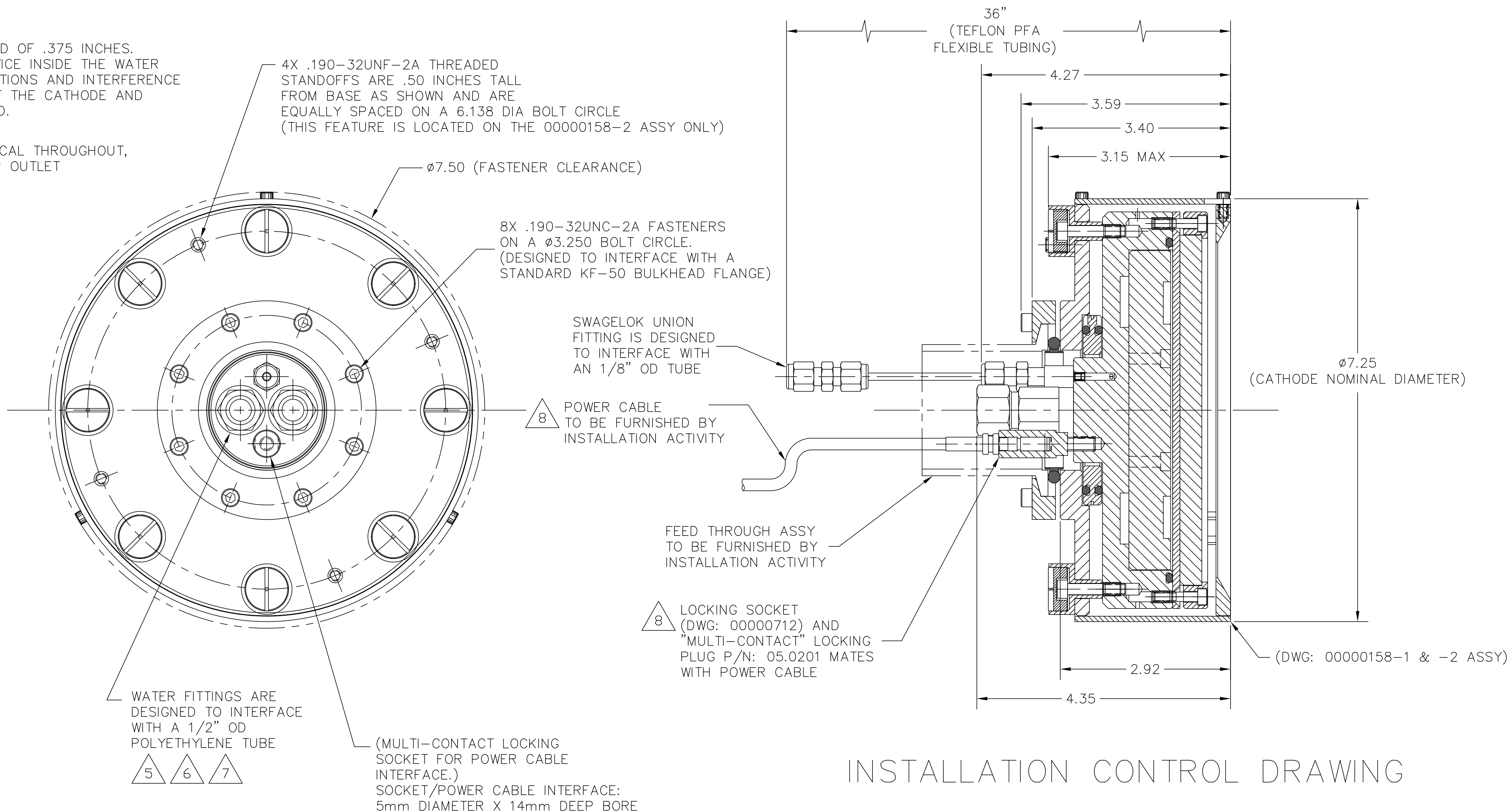
5 WARNING: WATER FITTINGS HAVE A CLEAR ID OF .375 INCHES. USING A SLEEVE OR SIMILAR DEVICE INSIDE THE WATER HOSE MAY CAUSE FLUID RESTRICTIONS AND INTERFERENCE WITH THE NORMAL OPERATION OF THE CATHODE AND THEREFORE IS NOT RECOMMENDED.

6 WATER CHANNELS ARE SYMMETRICAL THROUGHOUT, ORIENTATION OF WATER INLET OR OUTLET IS NOT CRITICAL.

7 WARNING: MINIMUM HOSE LENGTH OF 60" IS REQUIRED TO ENSURE RESISTIVITY RELATIVE TO ELECTRICAL GROUND WITHIN 50 KILO OHMS. TEST CABLE WITH AN OHM METER OR OTHER SUITABLE DEVICE BEFORE USE.

8 MULTI-CONTACT-USA: 5560 SKYLANE BLVD. SANTA ROSA, CA 95403 VOICE: (707) 575-7575 FAX: (707) 575-7373 INTERNET: www.multi-contact-usa.com

9. FOR PROPER INSTALLATION, OPERATION, AND USE OF THE SUNSOURCE PLANAR MAGNETRON CATHODE(S), SEE MATERIALS SCIENCE, INC. DOCUMENT NUMBER 251070.



INSTALLATION CONTROL DRAWING

REVISION		DATE	APPROVED
ZONE	REV	DESCRIPTION	
	-	INITIAL RELEASE	970812
	A	REVISED IAW ECO 000011	970929
	B	REVISED IAW ECO_000020	971117
	C	ADDED NOTE 8	031028
B6	D	CHANGED WATER LINES	070503

QUANTITY PER ASSEMBLY	CAGE CODE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ZONE	ITEM NO
			PARTS LIST			
			DRAWN: C. CERVANTES 98/08/12 APPROVAL: - UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES .X ±.030 .XX ±.010 .XXX ±.005 MACHINE SURFACES UNLESS OTHERWISE SPECIFIED FINISH THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING WITHOUT WRITTEN PERMISSION FROM MATERIALS SCIENCE, INC. IS EXPRESSLY PROHIBITED.	MATERIALS SCIENCE, INC. <i>Vacuum and Thin Film Technology</i> 1862 Los Altos Road, San Diego, CA 92108		
NEXT ASSEMBLY		USED ON		SIZE: D	CAGE CODE: D	DWG. NO: 00000178
APPLICATION			DO NOT SCALE DRAWING	SCALE: 1/1	WT:	DISP:
						SHEET: 1 OF 1

DWG. NO. 00000178 REV. D