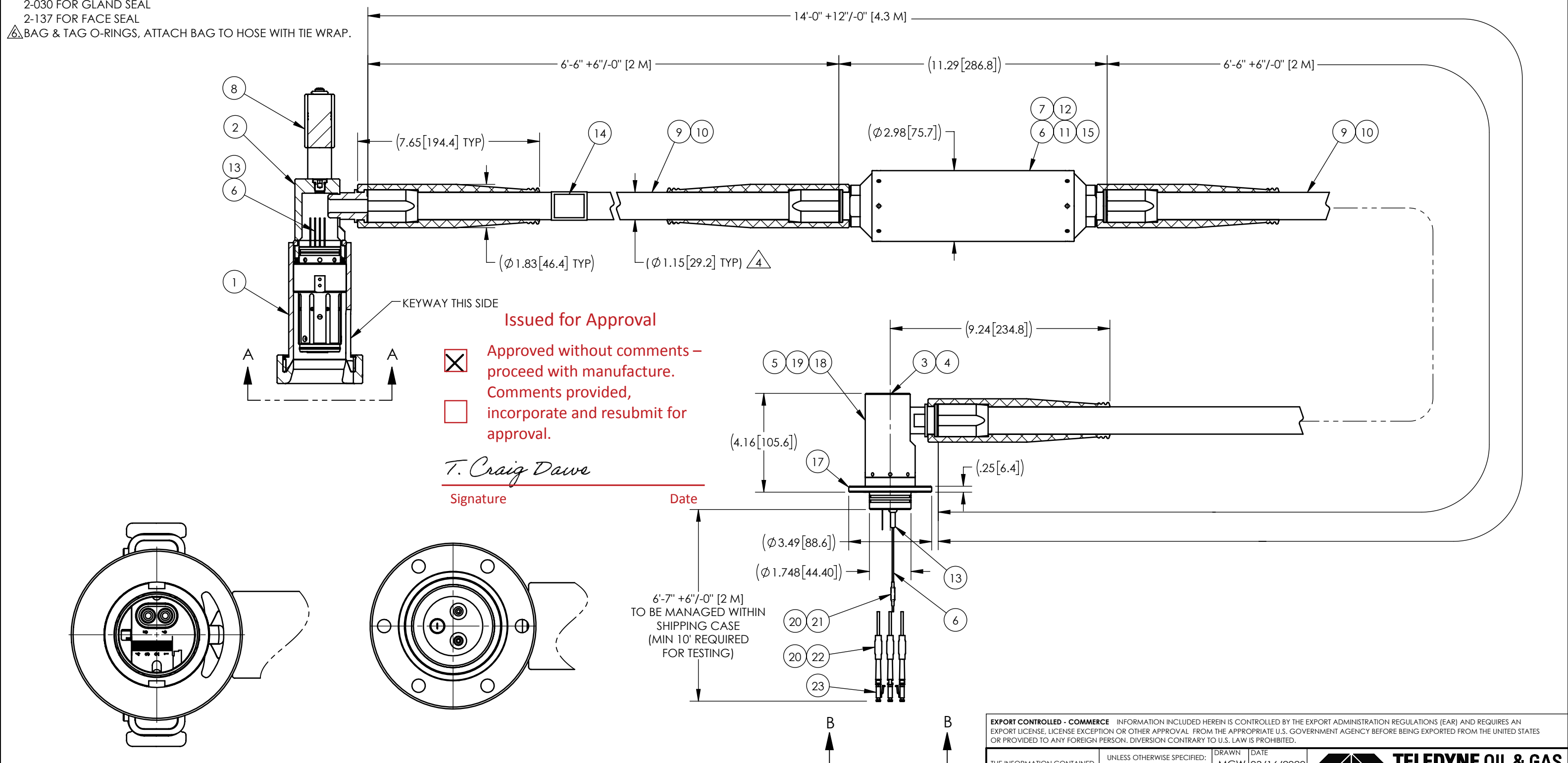


- NOTES:
1. MATERIAL: SEE PARTS LIST.
 2. FOR ITEM 1 OUTLINE/INTERFACE DIMENSIONS SEE D/N 262923 (HYB-047-03).
FOR ITEM 11 OUTLINE/INTERFACE DIMENSIONS SEE D/N 144177 (FHT-010-03).
 3. REMOVABLE LABEL SUITABLE FOR CUSTOMER ENGRAVING.
 4. HOSE MINIMUM BEND RADIUS: 5" [127]
 5. PENETRATOR USES THE FOLLOWING O-RINGS:
2-030 FOR GLAND SEAL
2-137 FOR FACE SEAL
 6. BAG & TAG O-RINGS, ATTACH BAG TO HOSE WITH TIE WRAP.

REVISION	DESCRIPTION	REVISED	CHECKED	APPROVED	REVIEWED	RELEASE DATE
A	CO 54440 PRELIMINARY 1, 10.01	-	-	-	-	04/10/2020



Issued for Approval

☒ Approved without comments – proceed with manufacture.

☐ Comments provided, incorporate and resubmit for approval.

T. Craig Dawe
Signature

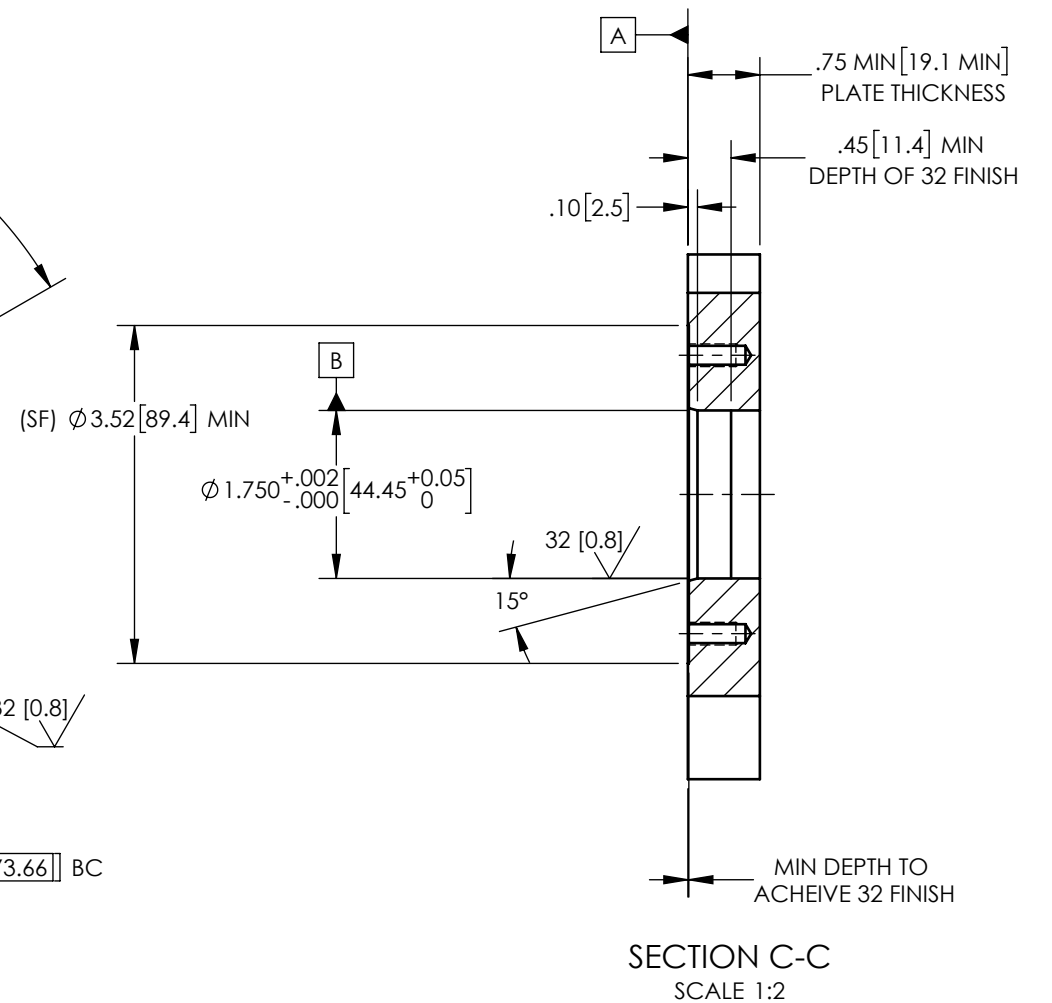
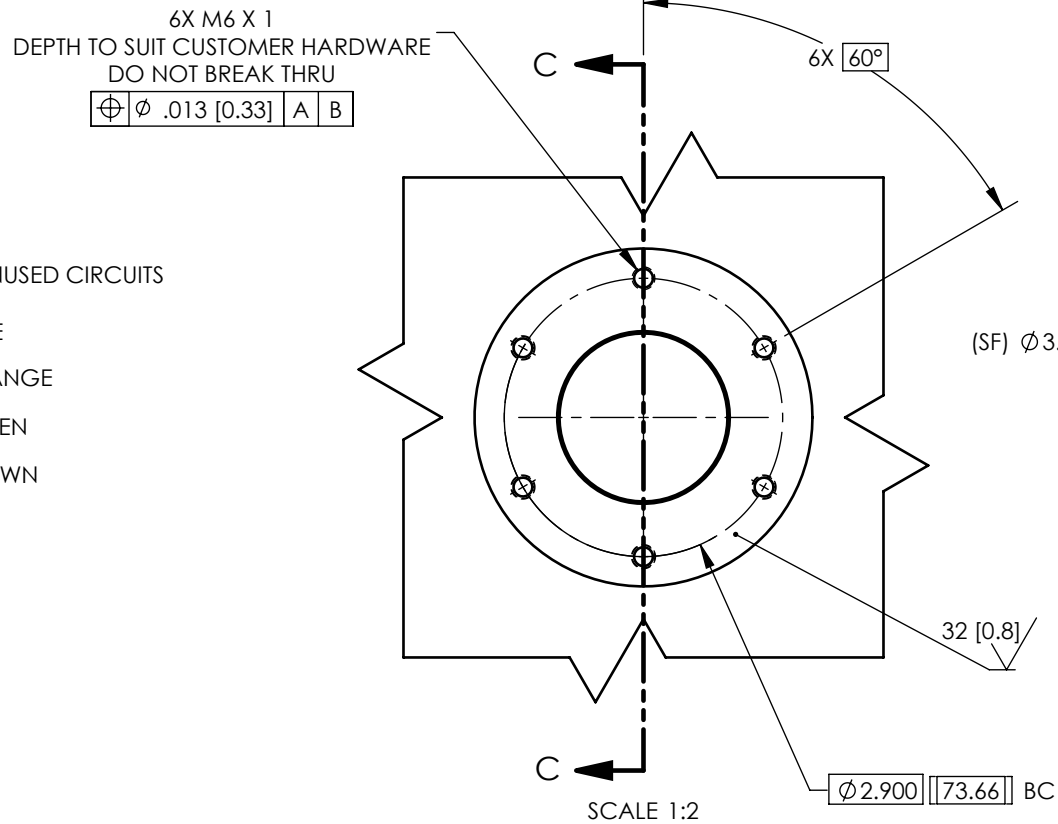
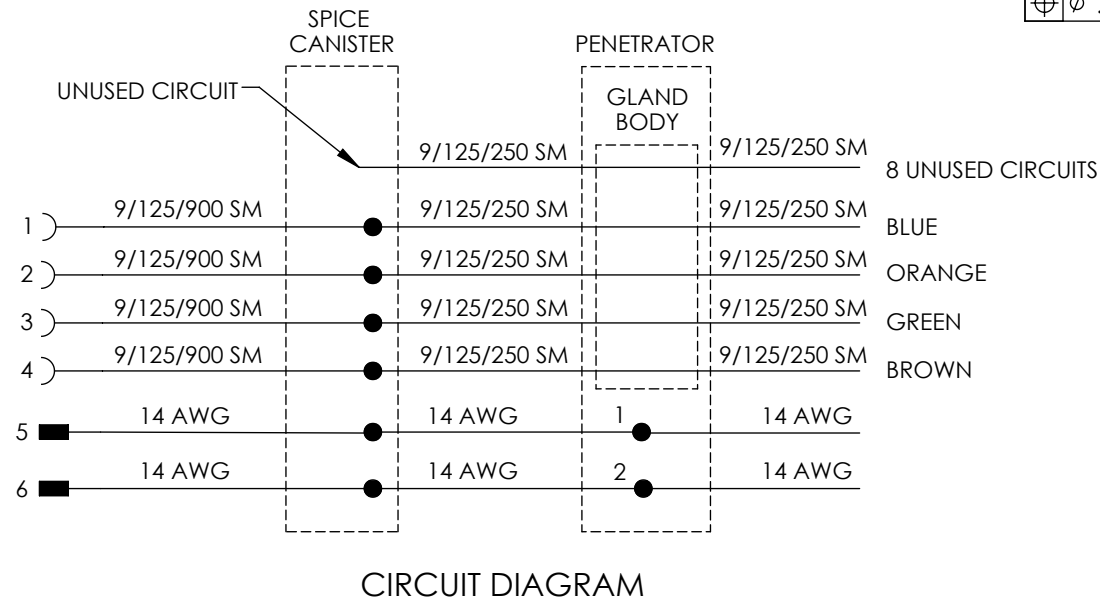
Date

VIEW A-A
SCALE 1:2

VIEW B-B
SCALE 1:2

EXPORT CONTROLLED - COMMERCE INFORMATION INCLUDED HEREIN IS CONTROLLED BY THE EXPORT ADMINISTRATION REGULATIONS (EAR) AND REQUIRES AN EXPORT LICENSE, LICENSE EXCEPTION OR OTHER APPROVAL FROM THE APPROPRIATE U.S. GOVERNMENT AGENCY BEFORE BEING EXPORTED FROM THE UNITED STATES OR PROVIDED TO ANY FOREIGN PERSON. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.											
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO TELEDYNE OIL & GAS, A BUSINESS UNIT OF TELEDYNE INSTRUMENTS, INC.		UNLESS OTHERWISE SPECIFIED: • DIMENSIONS ARE IN INCHES • DIMS IN [] ARE IN MILLIMETERS AND ARE FOR REF ONLY • BREAK SHARP EDGES R.005 • INTERNAL CORNERS R.02 MAX • MACHINED FEATURES 63 Ra • TOLERANCES:		DRAWN MCW CHECKED DATE		DATE 03/16/2020				TELEDYNE OIL & GAS TELEDYNE ODI	
INTERPRET THIS DRAWING IN ACCORDANCE WITH: - ASME Y14.5-2018 DIM AND TOLERANCING - ASME Y14.100-2017 ENG DWG PRACTICES		FRACTIONS X.XX ±.01 X.XXX ±.003 ANGLES ±0.5°		DO NOT SCALE FROM DRAWING DIMENSIONS IN () ARE FOR REFERENCE ONLY		APPRVD DATE		DWG TITLE 40/2E HYB NRH ROV CE RCPT (ELI)/ HYB FXD PNTR (90D) GA DRAWING W/ PARTS LIST		REV A	
				THIRD ANGLE PROJECTION		SCALE 1:4		SIZE B		DAI 0VV88	
								DOC NO 1824217		PART NO 1124980	
								REF NO OPM-410-01		SHEET 1 OF 2	

SEE SHEET 1 FOR NOTES.



23	1058327	F15069	LC CONNECTOR	4	
22	1013497	RNF100-CL-H03	HEAT SHRINK TUBING, 1/4" CLR	4 X A/R	
21	1013495	RNF100-CL-H00	HEAT SHRINK TUBING, 1/8" CLR	2 X A/R	
20	1000679	44-105	IDENT LABEL - (SEE CIRCUIT DIAGRAM)	6	
19	1036296	FAC-067-04-007	FACT INNER BOOT SEAL, OD1037	2	
18	1061527	ROV-062-01-10	-12 INT 90 DEGREE TERM S/A, TI GR 2	1	
17	1125069	OPM-412-01	HYB FXD PNTR TO BULKHEAD S/A, TI GR 2	1	 
16	1125338	FIB-378-01-28	OPTIC SHIPPING CASE KIT (NOT SHOWN)	1	
15	1033888	SO12696-FPS-01-900-45	SPLICE (OPTICAL) 45MM	4	
14	1013373	P-TOUCH-1"	LABEL - "ODI S/N____"	A/R	
13	1012423	ODN-001-04-1	NAUT BOOT SEAL, OD1037	4	
12	1008136	GBF-060-04-1	SOLDER SPLICE, BRASS	2	
11	1007080	FHT-010-01-1-1	SPLICE CSTR, -12 INT/-12 INT, TI GR 2	1	
10	1012533	ODN-109-01-2	TITI -12 HOSE ASSEMBLY	2	
9	1012416	ODHOSE-12-HBD-2	HOSE, 5/8" I.D., ORANGE	2 X A/R	
8	1049660	ROV-496-01-2	ROV PADDLE HANDLE KIT W/IDENT, HYTREL/TI GR 5	1	
7	1008147	GBF-061-04-11	SPLICE BOOT SEAL, OD1037	2	
6	1000717	44A0211-14-9	44A0211-14-9, 14 AWG, 1000V, W	6 X A/R	
5	1001150	832T02H04	8-32 UNC-2A X 1/4, TI GR 2, SET SCR HEX SKT CUP PT	8	
4	1000645	3-904-N552-90	3-904, NITRILE 90, O-RING	1	
3	1013597	ROV-016-04-2	-4 SAE HOLLOW HEX PLUG, TI GR 2	1	
2	1049271	FAK-545-01-4-90	TERM SHELL KIT, 90 DEG -12 INT, TI GR 2	1	
1	1061792	NRH-168-01-1	NRH RCPT S/A, OOOOEE, TI GR 2	1	
ITEM	PART NO	REF NO	DESCRIPTION	QTY.	NOTES
PARTS LIST					

PENETRATOR / ADAPTER MOUNTING DETAIL

COMMERC EAR-CONTROL TECHNOLOGY SUBJECT TO RESTRICTIONS CONTAINED ON SHEET 1.			
		TELEDYNE OIL & GAS TELEDYNE ODI	
DWG TITLE 4O/2E HYB NRH ROV CE RCPT (ELI) / HYB FXD PNTR (90D) GA DRAWING W/ PARTS LIST			
SIZE B	DAI 0VV88	DOC NO 1824217	REV A
SCALE 1:8	PART NO 1124980		SHEET 2 OF 2
REF NO		OPM-410-01	