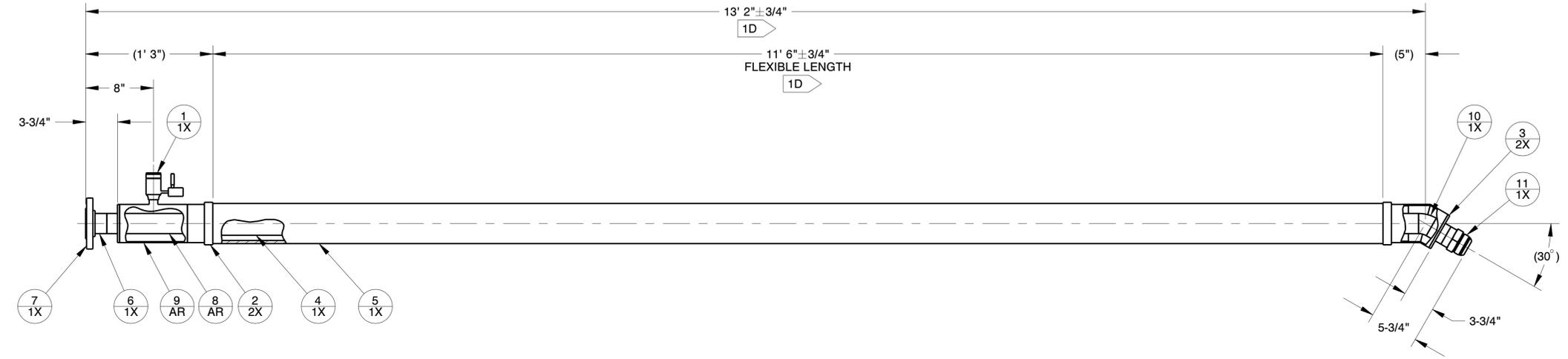
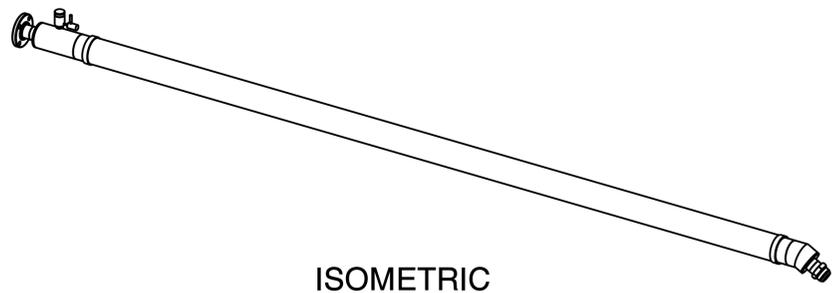


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 REFERENCE EODR 131926  
 NASA KSC EXPORT CONTROL OFFICE - 321-867-9209

- NOTES:**
- GENERAL**
- 1A. THIS DRAWING PROVIDES THE PHYSICAL DIMENSIONS AND PARTS LIST FOR PIPE SPOOL ASSEMBLY. REFER TO PROCUREMENT SPECIFICATION K0000190545-SPC FOR TECHNICAL, FABRICATION, TEST AND INSPECTION REQUIREMENTS.
  - 1B. PIPE SPOOL REFERENCE DESIGNATOR NUMBER IS 5080.
  - 1C. REMOVE SCALE AND BURRS AND BREAK SHARP CORNERS AND EDGES.
  - 1D. INDICATED DIMENSIONS ARE AS MEASURED UNDER THE CONDITIONS SPECIFIED IN K0000190545-SPC. PARAGRAPH 4.2.1.2.



QTY	ZONE	FIND NO OR ITEM NO	MFR CODE	PART OR STOCK NO	DESCRIPTION
1		11	06581	AAB1004-32K2.00-10G	FITTING, FLARED TUBE TO BUTT WELD
1		10	22264	KT00394-10SS02D00	ELBOW, 30 DEG, LONG, B16.9 SCHED 10
AR		9	22264	KT00378-04D00010S4	PIPE
AR		8	22264	KT00378-02D00010S4	PIPE
1		7	22264	KT00116-150SS02D00	FLANGE, LAP JOINT, B16.5, CLASS 150
1		6	22264	KT00112-10SS02D00	STUB END, SHORT, B16.9, SCHED 10
1		5	22264	K000068036-P004	FLEXIBLE HOSE, 4 INCH
1		4	22264	K000068036-P003	FLEXIBLE HOSE, 2 INCH
2		3	22264	K000068036-P002	PLATE
2		2	22264	K000068036-P001	PIPE TO HOSE TRANSITION, 2X4
1		1	22264	79K14672-3	ASSEMBLY, VACUUM VALVE

**PROCUREMENT CONTROL DRAWING**

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY.		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES. INTERPRET DIM AND TOL PER ASME Y14.5-2009. TOLERANCES ON:		ORIGINAL DATE OF DRAWING (YYYY/MM/DD) 2013/08/16		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
SOFTWARE	CREO PARAMETRIC 2.0	FRACTIONS	± 1/16	DECIMALS	1 PL ± .1 2 PL ± .03 3 PL ± .010	ANGLES	± 1°
FILENAME	K000068036D	THIRD ANGLE PROJECTION		DRAFTSMAN: S. A. BRYANT ENGINEER: F. B. TRIMBOLI ENGINEER: V. J. WARD		CHECKER: J. A. STAGI CHECKER: L. C. KAYLOR STRESS: L. C. KAYLOR	
MATERIAL	NOTED	K000065439	SLS ML	ENGINEER: C. T. O'CONNOR SUBMITTED: T.O. ADAMS APPROVED: A.C. LITTLEFIELD		<b>FLEX HOSE 2 X 4, VACUUM JACKETED, LIQUID OXYGEN VENT</b>	
HEAT TREATMENT	NONE	NEXT ASSY	USED ON	C. T. O'CONNOR		SIZE: D CAGE CODE: 22264 SCALE: .125	DWG NO: K000068036 UNIT WEIGHT: 106.62 SHEET: 1 OF 1
FINAL PROTECTIVE FINISH	NONE	APPLICATION		APPROVED: A.C. LITTLEFIELD		REV: -	