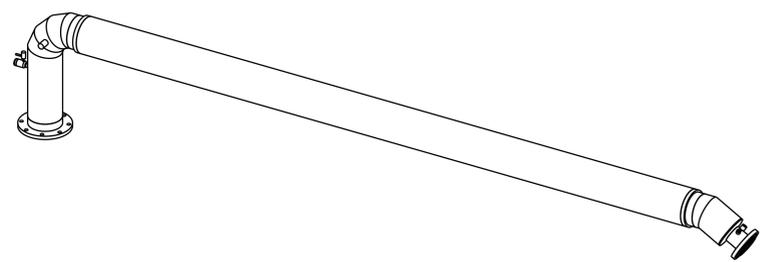
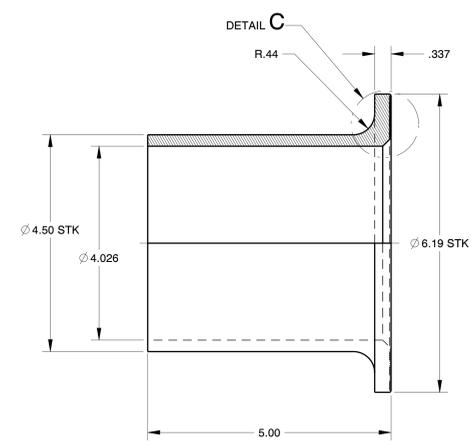
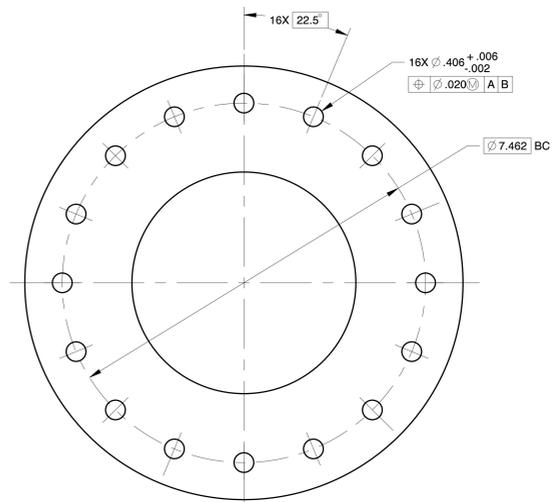
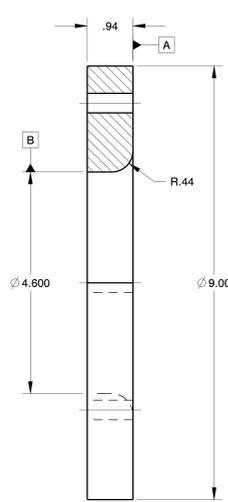
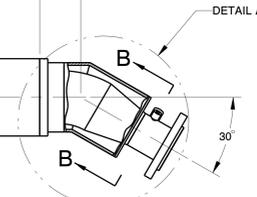
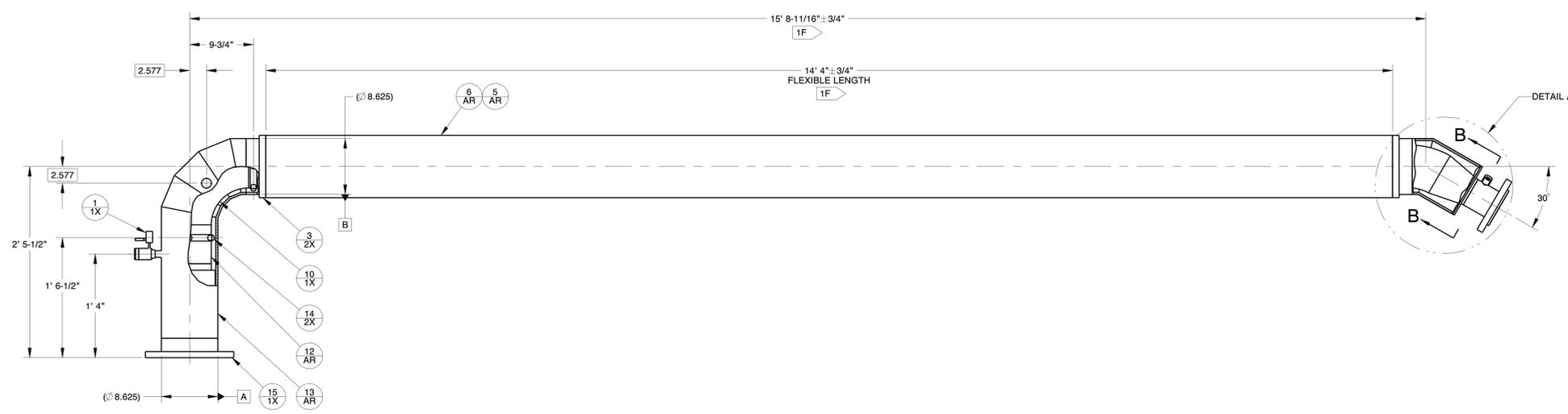


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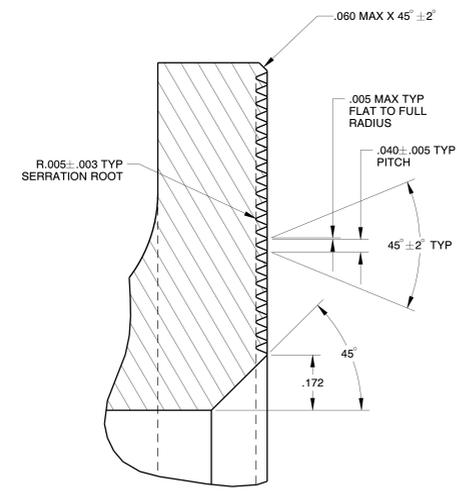
- NOTES:
- GENERAL
- 1A. THIS DRAWING PROVIDES THE PHYSICAL DIMENSIONS AND PARTS LIST FOR PIPE SPOOL ASSEMBLY. REFER TO PROCUREMENT SPECIFICATION K0000190546-SPC FOR TECHNICAL, FABRICATION, TEST AND INSPECTION REQUIREMENTS.
 - 1B. PIPE SPOOL REFERENCE DESIGNATOR NUMBER IS 3040.
 - 1C. REMOVE SCALE AND BURRS AND BREAK SHARP CORNERS AND EDGES.
 - 1D. MAKE FROM ASME B16.5, BLIND FLANGE. MATERIAL SHALL BE DUAL GRADE F316/316L PER ASTM A182.
 - 1E. MAKE FROM ASME B16.9, NPS 4, SCHED 80S, SHORT PATTERN, LAP JOINT STUB END. STUB END SHALL BE CONCENTRICALLY SERRATED PER DETAIL C.
 - 1F. INDICATED DIMENSIONS ARE AS MEASURED UNDER THE CONDITIONS SPECIFIED IN K0000190546-SPC, PARAGRAPH 4.2.1.2.



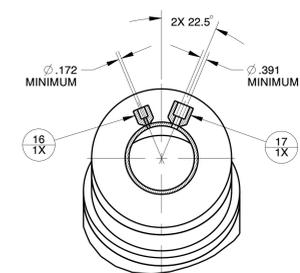
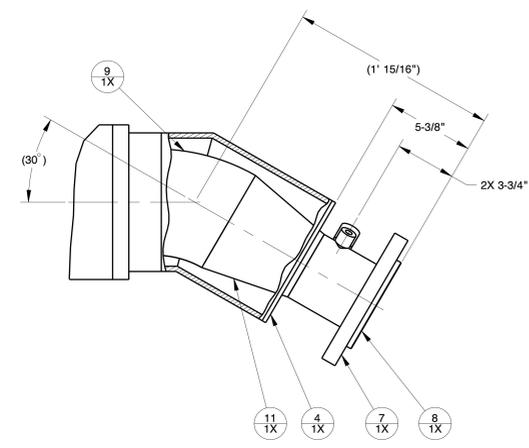
ISOMETRIC
SCALE .063



1E K000068047-P007
SCALE .750



DETAIL C
SCALE 5.000



QTY	ZONE	FRAGNO	MFR	PART OR STOCK NO	DESCRIPTION
1	17	06581	AAB1001-8K4.00-40	WELD FITTING, FEMALE BOSS TO SADDLE	
1	16	06581	AAB1001-4K4.00-40	WELD FITTING, FEMALE BOSS TO SADDLE	
1	15	22264	KT00388-06D0008D00	CRYOGENIC FEMALE BAYONET, FLANGED, 6X8	
2	14	22264	KT00386-06D0008D00	CRYOGENIC INTERNAL SUPPORT SPACER 6X8	
AR	13	22264	KT00378-08D00040S4	PIPE	
AR	12	22264	KT00378-06D00040S4	PIPE	
1	11	22264	KT00108-40SS06D00-04D00	REDUCER, CONCENTRIC, B16.9, SCHED 40	
1	10	22264	KT00104-40SS06D00	ELBOW, 90 DEG, LONG, B16.9, SCHED 40	
1	9	22264	K0000068047-P008	ELBOW, LONG RADIUS, B16.9, SCHED 40	
1E	1	8	22264	K0000068047-P007	STUB END, LAP JOINT, CONCENTRICALLY SERRATED
1D	1	7	22264	K0000068047-P006	FLANGE, LAPPED
AR	6	22264	K0000068047-P005	FLEXIBLE HOSE, 8 INCH	
AR	5	22264	K0000068047-P004	FLEXIBLE HOSE, 6 INCH	
1	4	22264	K0000068047-P003	PLATE	
2	3	22264	K0000068047-P002	PIPE TO HOSE TRANSITION, 6X8	
2	2	22264	K0000068047-P001	BAR, ROUND	
1	1	22264	79K14672-3	ASSEMBLY, VACUUM VALVE	

PROCUREMENT CONTROL DRAWING

SOFTWARE CREO PARAMETRIC 2.0	TERMINAL K0000068047D	NOTED NONE	PREP/TREATMENT NONE	FINISH/PROTECTIVE FINISH NONE
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: FRACTIONS ± 1/8 1 PL. ± .1 2 PL. ± .03 3 PL. ± .010	ORIGINAL DATE OF DRAWING (YYYYMMDD) 2013/08/19	DESIGNED BY S. A. BRYANT	CHECKED BY J. A. STAGI
THIRD ANGLE PROJECTION	DESIGNED BY F. B. TRIMBOLI	DESIGNED BY L. C. KAYLOR	DESIGNED BY L. C. KAYLOR	DESIGNED BY L. C. KAYLOR
APPLICATION	NOTED K000068450	SLS ML	NEXT ASSY USED ON	DESIGNED BY C. T. O'CONNOR
				DESIGNED BY T. O. ADAMS
				DESIGNED BY A. C. LITTLEFIELD

JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
FLEX HOSE 4 TO 6 X 8, VACUUM JACKETED, LIQUID HYDROGEN BLEED			
SIZE E	CAGE CODE 22264	DWG NO K000068047	REV -
SCALE .125	NET WEIGHT 508.23	SHEET 1	OF 1