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THE INFORMATION CONTAINED IN THIS DOCUMENT IS TECHNICAL IN CONTENT, BUT IS NOT TECHNICAL DATA AS DEFINED BY THE FAR OR THE EAR, AND THEREFORE IS EAR 99 NLR (NO EXPORT LICENSE REQUIRED). GENERAL PROHIBITION SIX (EMBARGO) APPLIES TO ALL ITEMS SUBJECT TO THE EAR, I.E. ITEMS ON THE CCL AND WITHIN EAR 99 NLR. YOU MAY NOT MAKE AN EXPORT OR RE-EXPORT CONTRARY TO THE PROVISIONS OF PART 748 (EMBARGOS AND OTHER SPECIAL CONTROLS) OF THE EAR AND 22 CFR PART 128.1 OF THE ITAR.]

EDDR #: 1312456

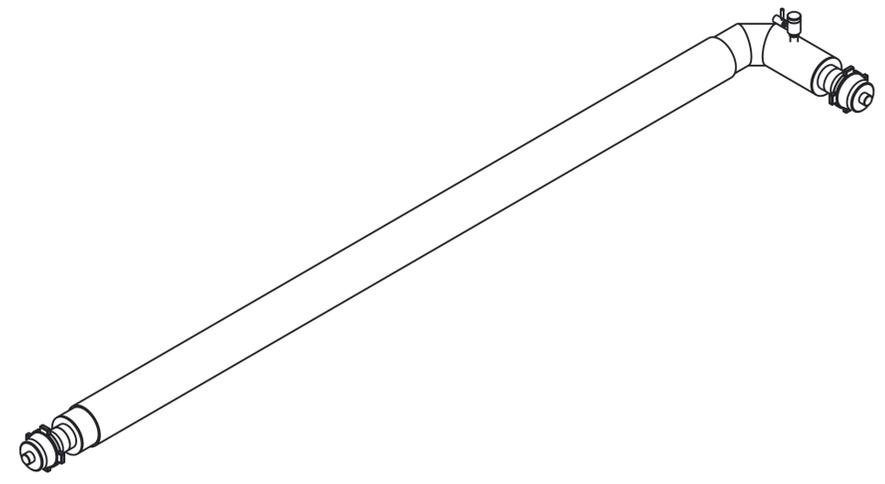
EAR 99 NLR

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVAL

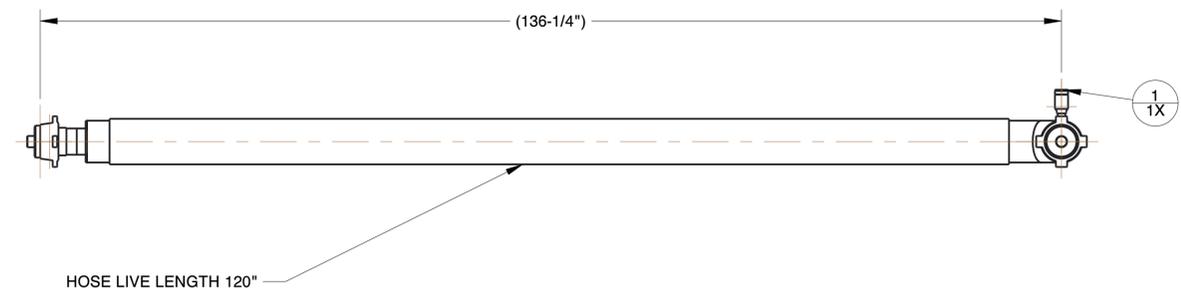
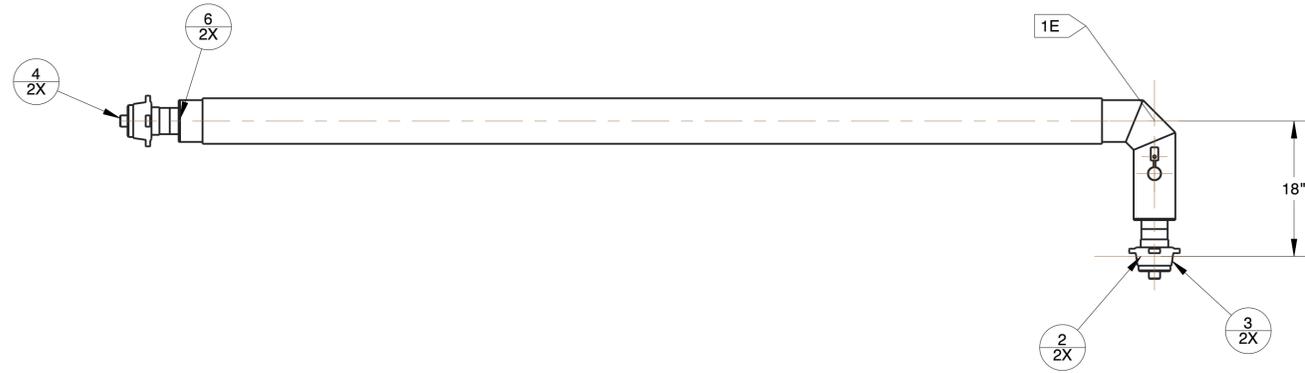
D NOTES:

- GENERAL**
- 1A. INTERPRET THIS DRAWING PER ASME Y14.5M-2009.
 - 1B. THIS DRAWING PROVIDES THE PHYSICAL DIMENSIONS AND PARTS LIST FOR PIPE SPOOL ASSEMBLIES. REFER TO PROCUREMENT SPECIFICATION K0000146863 FOR TECHNICAL, FABRICATION, TEST AND INSPECTION REQUIREMENTS.
 - 1C. NOTED DIMENSIONS INDICATES MAXIMUM ALLOWABLE LENGTHS.
 - 1D. THE NOMINAL PIPE SIZE FOR THE INNER PIPE IN THIS DRAWING IS 3 INCHES SCHEDULE 10, WHICH IS NOT SHOWN. THE NOMINAL PIPE SIZE FOR THE OUTER PIPE IS 5 INCHES SCHEDULE 10.
 - 1E. INNER LINE PIPE COMPONENTS AT THE LOCATION INDICATED ARE SPECIFIED IN THE BILL OF MATERIALS, BUT NOT SHOWN.

- MARKING**
- 2A. STENCIL TEXT PART NUMBER, WEIGHT, LOCATION OF CENTER GRAVITY AND LIFTING/SHIPPING SUPPORT LOCATIONS PER COMMERCIAL STANDARDS.



ISOMETRIC



QTY	ZONE	FIND NO OR ITEM NO	MFR CODE	PART OR STOCK NO	DESCRIPTION
2		6			PLATE
1		5	05047		ELBOW, LONG, ASME B16.9, NPS 3, SCHED 10, ASTM A403
2		4	01701	CGA OX-30 TAIL PLUG	TAIL PLUG, CGA OX-30
2		3	01701	CGA OX-30 HOSE NUT	HOSE NUT, CGA OX-30
2		2	01701	CGA OX-30 HEAD PIECE	HEAD PIECE, SCHED 10 BWE, CGA OX-30
1		1	22264	79K14672-3	ASSEMBLY, VACUUM VALVE

PARTS LIST

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY.		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES, INTERPRET DIM AND TOL PER ASME Y14.5M-2009. TOLERANCES ON:		ORIGINAL DATE OF DRAWING (YY/MM/DD) 13/05/14		JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA	
SOFTWARE	CREO ELEMENTS/PRO 5.0	FRACTIONS	± 1/8	DECIMALS	1 PL ±.1 2 PL ±.03 3 PL ±.010	ANGLES	1 PL ±.5
FILENAME	K0000071340D	THIRD ANGLE PROJECTION		DRAFTSMAN L. F. LOCANTE ENGINEER S. A. BRYANT ENGINEER D. A. REWINKEL ENGINEER J. G. GADDONE		FLEX HOSE 6370, VAC JKT 3X5, CRYOGENIC PROPELLANT	
HEAT TREATMENT		NEXT ASSY	USED ON	SUBMITTED T. O. ADAMS APPROVED E. A. THAXTON		SIZE	D
FINAL PROTECTIVE FINISH		APPLICATION		SCALE	.082	CAGE CODE	22264
				UNIT WEIGHT	136.00	DWG NO	K0000071340
				SHEET	1	OF	1

EAR 99 NLR

DRAWING NO K0000071340 SHEET 1