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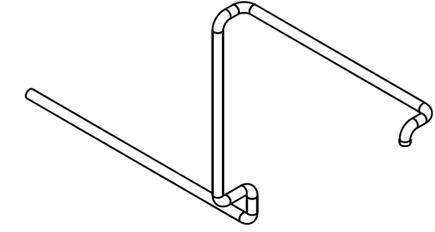
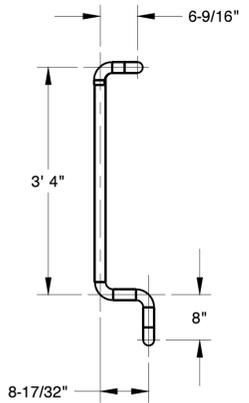
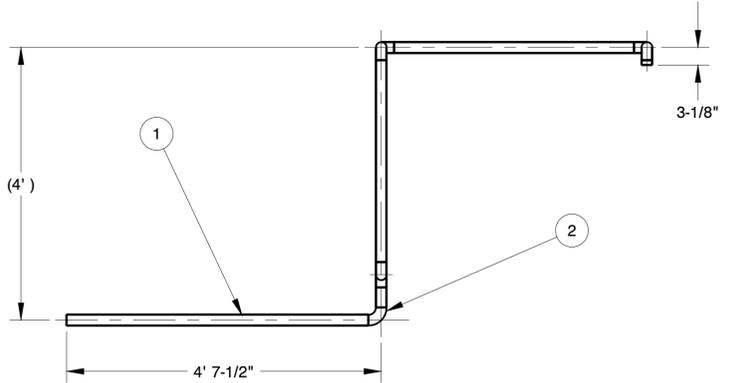
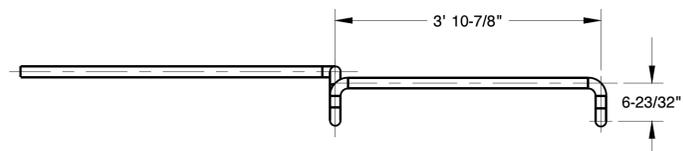
EDDR #: 1311463

EAR 99 NLR

REVISION HISTORY					
PART NO.	ZONE	REV	DESCRIPTION	DATE	APPROVAL

NOTES:  
GENERAL

- 1A. INTERPRET THIS DRAWING PER ASME Y14.5-2009.
- 1B. THIS DRAWING PROVIDES THE PHYSICAL DIMENSIONS AND PARTS LIST FOR PIPE SPOOL ASSEMBLY. REFER TO PROCUREMENT SPECIFICATION K0000147036 FOR TECHNICAL, FABRICATION, TEST AND INSPECTION REQUIREMENTS.
- 1C. PIPE SPOOL REFERENCE DESIGNATOR NUMBER IS 5170.



ISOMETRIC

QTY	FIND NO OR ITEM NO	DESCRIPTION
7	2	ELBOW, 90 DEG, LONG, B16.9, SCHED 10
AR	1	PIPE 1-1/2 NPS, SCHED 10, ASTM A312

PARTS LIST

PROCUREMENT CONTROL DRAWING

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED ONLY BY THE DESIGN ACTIVITY.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.		ORIGINAL DATE OF DRAWING (YY/MM/DD) 2013/03/19	
SOFTWARE	PRO/ENGINEER	FRACTIONS	DECIMALS	ANGLES	1 PL ± 1°
FILENAME	K0000065265D	±1/16	1 PL ±.060 2 PL ±.030 3 PL ±.010		
MATERIAL	NOTED				
HEAT TREATMENT	--	K0000061124	SLS ML		
FINAL PROTECTIVE FINISH	--	NEXT ASSY	USED ON		

THIRD ANGLE PROJECTION		DRAFTSMAN D. C. STANIFER		CHECKER J. A. STAGI	
		ENGINEER W. C. PATRICK		CHECKER L. C. KAYLOR	
		ENGINEER J. K. TUCKERMAN		STRESS V. J. WARD	
		ENGINEER			
		C. T. OCONNOR		SUBMITTED	
		T. O. ADAMS		APPROVED	
		A. C. LITTLEFIELD			

JOHN F. KENNEDY SPACE CENTER, NASA KENNEDY SPACE CENTER, FLORIDA			
PIPE SPOOL 1 1-1/2, LIQUID OXYGEN, BLEED			
SIZE	CAGE CODE	DWG NO	REV
D	22264	K0000065265	-
SCALE	.062	UNIT WEIGHT	29.90
SHEET	1	OF	1

EAR 99 NLR

DWG NO: K0000065265 SHEET: 1 REV: -