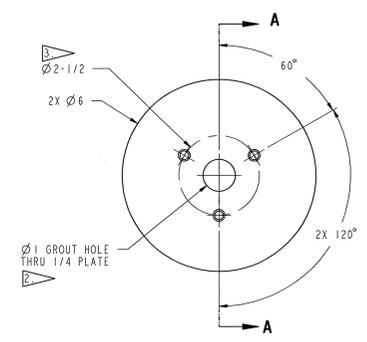
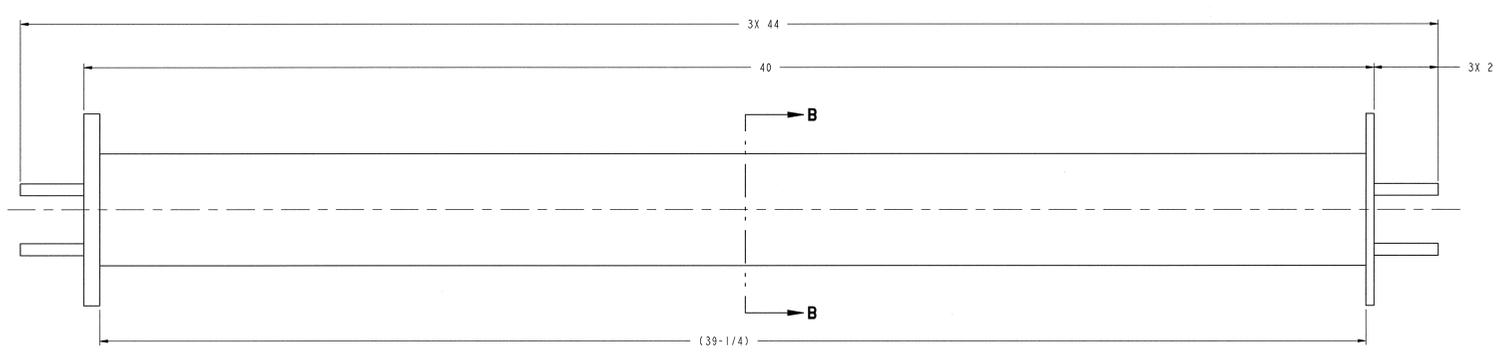
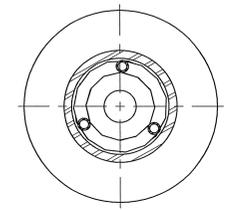
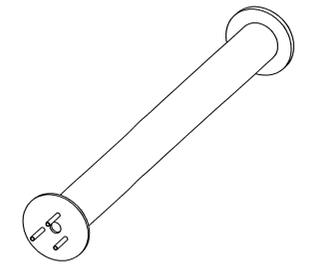
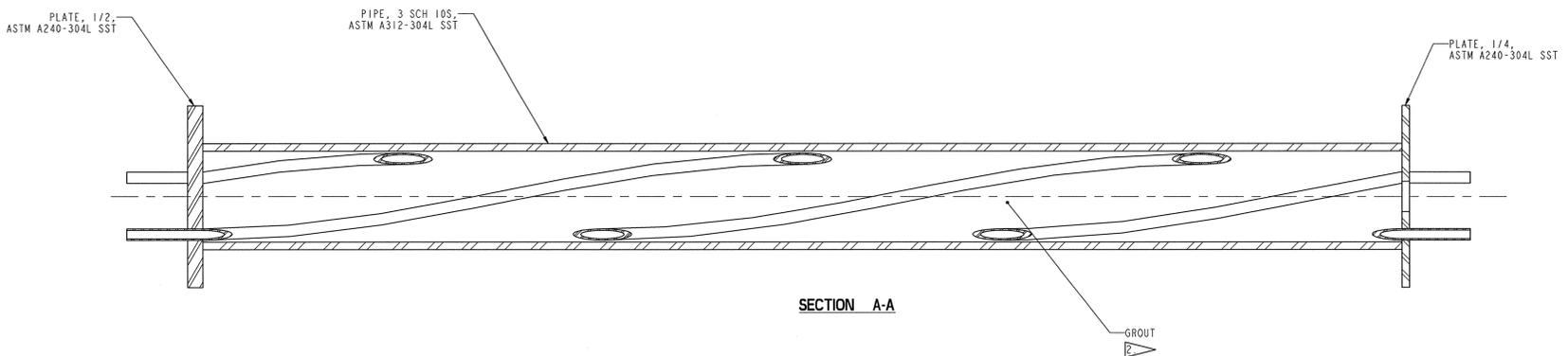


GENERAL NOTES:
 1) DIMENSIONS AND SYMBOLS ARE AMERICAN NATIONAL STANDARD UNLESS OTHERWISE SPECIFIED.
 2) ROUGHNESS AVERAGE EQUALS 125 MICRONS UNLESS OTHERWISE SPECIFIED.
 3) DIMENSIONS AND TOLERANCES ARE IN INCHES.
 4) BREAK ALL SHARP EDGES.
 5) TOLERANCES:
 DECIMALS: .X = ±.060
 .XX = ±.030
 .XXX = ±.010
 FRACTIONS: ±1/16
 ANGULAR: ±1°



NOTES:
 1. THIS COMPONENT IS SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 15065.
 2. FILL INDICATED CAVITY USING HEAVY WEIGHT GROUT AND 3/16 STEEL AGGREGATE PER SECTION 03300. FABRICATOR MAY DRILL ADDITIONAL GROUT HOLES IF DEEMED NECESSARY.
 3. TUBES SHALL HAVE 360° INVOLUTE TWIST ON 2-1/2" DIAMETER BY 39-1/4 LONG.

SCALE: 1/2

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF, ANY INFORMATION, APPARATUS, METHOD OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES, AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

P THIS DRAWING PRODUCED ON PRO-ENGINEER
 THIS DOCUMENT CONTROLLED BY CHANGE CONTROL SYSTEM...
 ENGINEERING PROCEDURE SNS-ENG-600J

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REG	DATE	UTG	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0		CERTIFIED FOR CONSTRUCTION - 10/26/01																									
1	10/26/01																										

RPE
 DSN: P. D. D.
 CHK: P. D. D.
 DEPT: P. D. D.
 PE: P. D. D.
 P.J.: P. D. D.
 REG: P. D. D.
 UTG: P. D. D.
 RPE: P. D. D.

108030700-J8E-8700-A288

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UT-BATTELLE
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PROJECT NAME:
 SPALLATION NEUTRON SOURCE
 TARGET BUILDING
 MANIPULATOR BOOTH MONITORING
 PENETRATION

1	48	49	50	PLANT	BLOG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700				I	I
51										
52	NC	NA	IN	1.8.3.7	J3.44.32					0