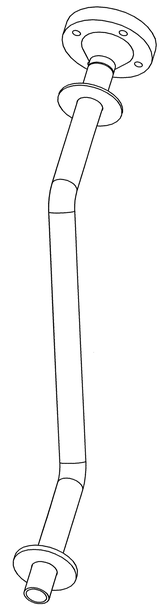
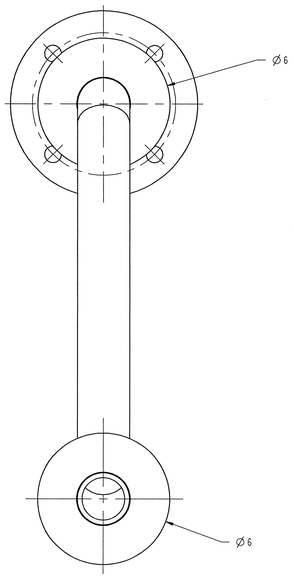
GENERAL NOTES:
1) DIMENSIONS AND SYMBOLOGY ARE AMERICAN NATIONAL STANDARD UNLESS OTHERWISE SPECIFIED.
2) ROUGHNESS AVERAGE EQUALS 125 MICROINCHES UNLESS OTHERWISE SPECIFIED.
3) DIMENSIONS AND TOLERANCES ARE IN INCHES.
4) BREAK ALL SHARP EDGES.
5) TOLERANCES:
DECIMALS: .X = ±.060
.XX = ±.030
.XXX = ±.010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

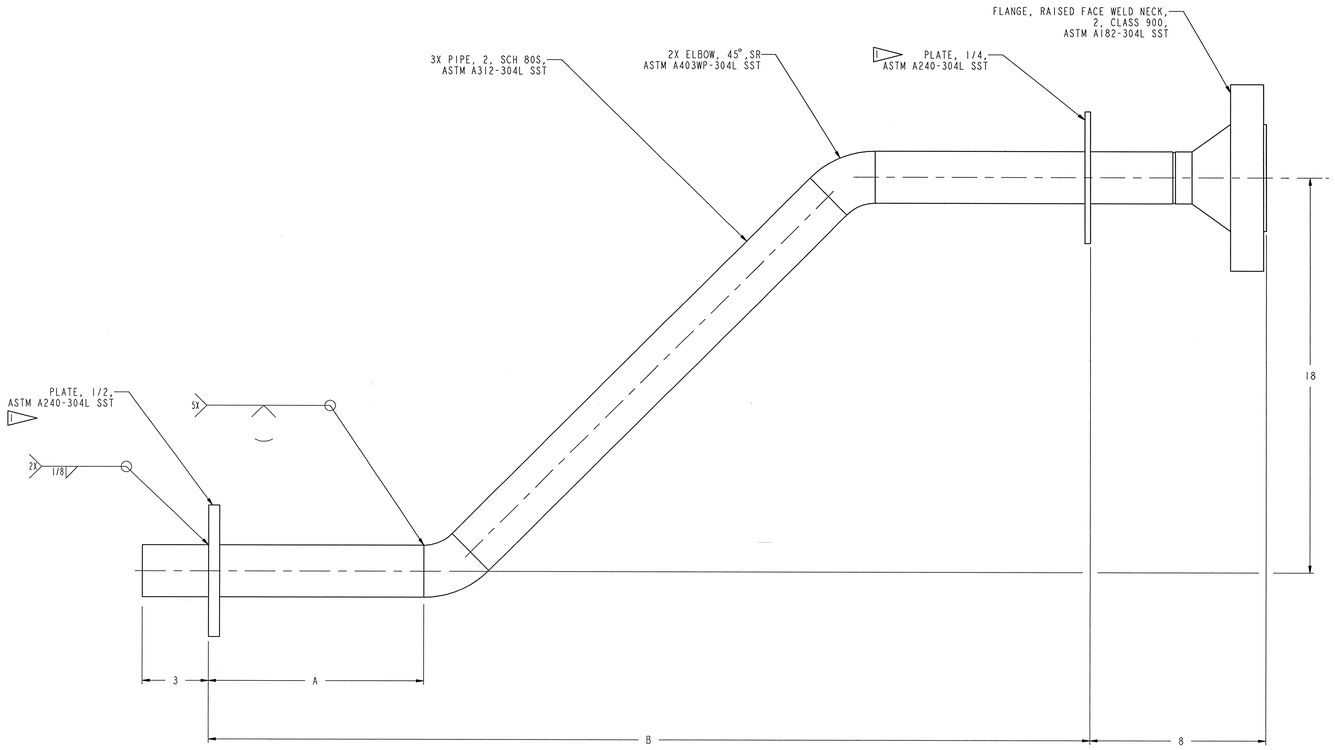
	DASH_NO	A	B
J3-44-33_1	-1	9-3/4	40
J3-44-33_2	-2	17-1/4	55

NEXT ASS'Y:

FINAL ASS'Y:







NOTES:

1. NON-PIPE COMPONENTS ARE SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 15065.
2. THE PIPE SPRINKLER IS DESIGNED IN ACCORANCE WITH ASME B31.3. THE DESIGN PRESSURE AND TEMPERATURE IS 800 PSI AND 200° F RESPECTIVELY.
3. THE SPRINKLER PIPE SHALL BE FABRICATED AND TESTED IN ACCORDANCE WITH ASME B31.3.
4. WRAP EMBEDED PORTION (DIMENSION B) OF 2 INCH PIPE WITH 3M SCOTCHWRAP 51 CORROSION PROTECTION TAPE. FOLLOW MANUFACTURES RECOMMENDATIONS FOR SURFACE PREPARATION, PRIMING AND TAPE APPLICATION.

SCALE: 3/8

108030700-J8E-8700-A289

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
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MERRICK Engineers & Architects

UT-BATTELLE
Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dept. of Energy under contract DE-AC05-00OR22725

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
SPRINKLER PIPE
PENETRATION

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	G	U
51	52	53	WBS							REV
NC	NA	IN	1.8.3.7	J3.44.33						0

DSN	R. Dixon	10/25/01
DRW	R. Dixon	10/25/01
CHK	T. Cohn	10/31/01
DEPT		
PE	R. Adkins	11/2/01
PS	R. A. Dean	11/12/01
REQ		
UTB	R. Adkins	11/8/01

RPE
JOHN E. BUAROY, JR.
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
INDUSTRIES
STATE OF TENNESSEE
REV. 0 DATE 10/25/01
DRAWING APPROVALS

REV	CHANGE ORD.	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	PCD	TBO			PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION - 10/26/01		TBO			RAD	11/8/01	RAP	11/12/01			RAD	11/12/01	TBO	106873	10/26/01						MJK				
REV	CHANGE ORD.	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

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P THIS DRAWING PRODUCED ON PRO-ENGINEER

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CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-G001