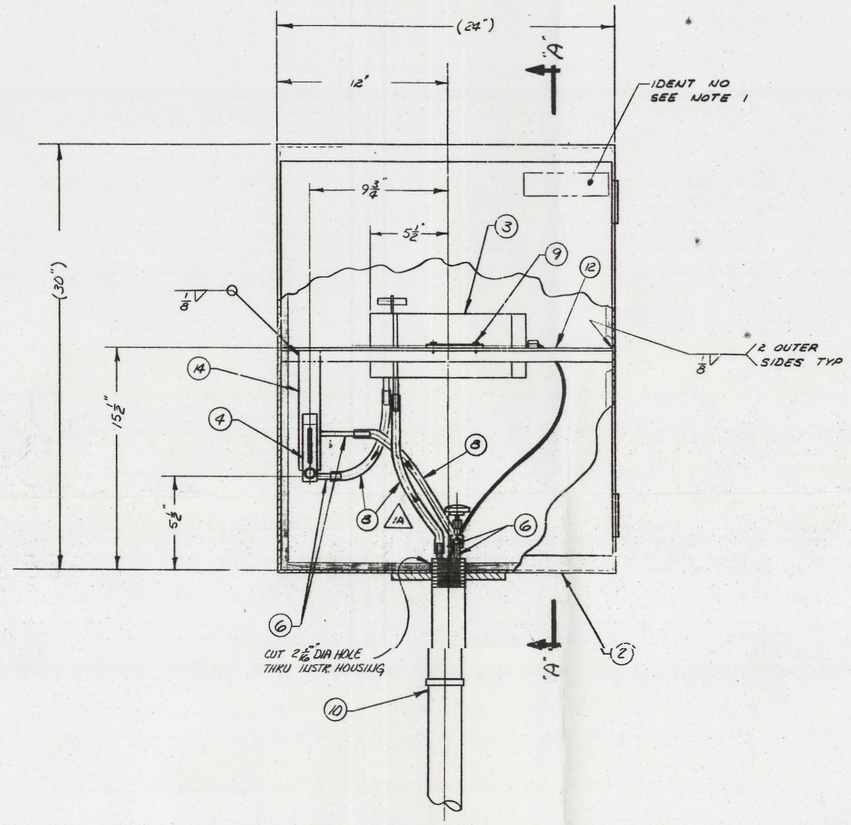
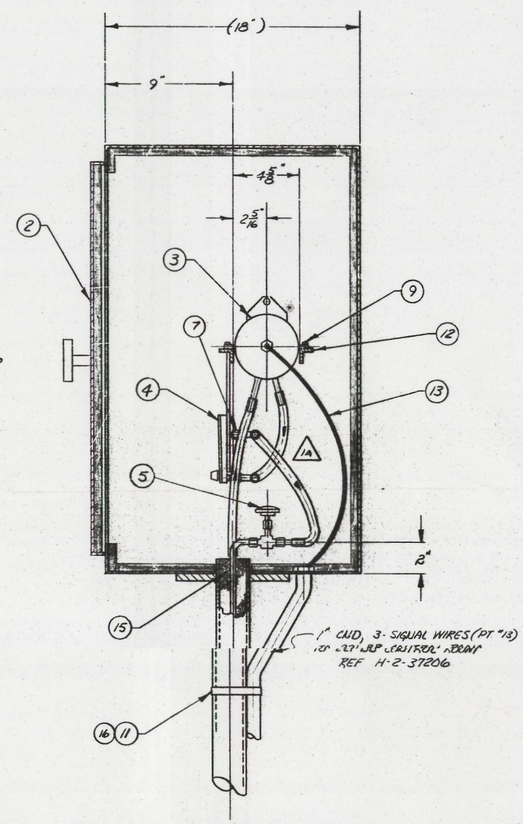


FRONT ELEVATION



SECTION "A-A"

QTY	PT. NO.	DESCRIPTION	MATERIAL
	1	ASSEMBLY	—
1	2	INSTRUMENT HOUSING - 24" x 30" x 18", STYLE SB, SERIES 3-800, SINGLE DOOR, INSULATED MODEL	WINSTON "ARMORED KNIGHT"
1	3	AIR SAMPLER	H-2-33904
1	4	ROTAMETER - #RMA-10-PF-TMV-SSV	DWYER
1	5	NEEDLE VALVE - 3/8" #328	HOKE INC
AR	6	TUBING - 3/8" OD x (.032 WALL)	ASTM-A269-GRTP304-SST
2	7	MALE CONNECTOR - 3/8"	SWAGELOK SS-600-1-8
AR	8	TUBING - 1/4" O.D. x .062 WALL INNER BRAIDED	TYGON
4	9	SCREW, HEX HD: 1/4"-UNC-2A x 3/8" L SELF-TAPPING	McMASTER-CARR CAT # 88
1	10	PIPE - 2" SCHED 40 x 3'-4" L (TOE)	ASTM A53 TYPE E GR B CS
2	11	BAND, BAND-IT 1/2" WIDE	HOUDAILLE IND C204 TYPE 201 SST
AR	12	ANGLE-1" x 1" x 1/4"	ASTM-A36-CS
AR	13	SIGNAL CABLE-RG-59/U, AMPHENOL 21-025	
1	14	BRACKET - BAR - 1 1/2" x 1/4" x 8 3/8" L	ASTM-A36-CS
AR	15	VERMICULITE INSULATION	
2	16	BUCKLE, BAND-IT - 1/2"	HOUDAILLE IND C254 TYPE 201 SST

0031033

GENERAL NOTES

1. IDENTIFY ASSY 1 PER HS-BS-0015 TYPE B, WITH DRAWING NUMBER, PART NUMBER, AND DRAWING REVISION NUMBER IN LOCATION INDICATED, USING 1/2" HIGH LETTERS
2. REMOVE ALL BURRS AND BREAK SHARP EDGES

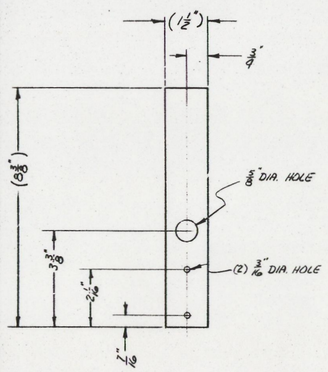
WELDING AND INSPECTION REQUIREMENTS

FABRICATION	1. WELDING STANDARD	☐ ASME ___ ■ ANSI B31.1 ■ AWS D1.3 ■ HS-BS-0013 OPTIONAL (IN HOUSE)	
	2. PROCEDURE SPEC. & PERFORMANCE CERT.	■ ASME SECT IX ■ AWS D1.1 ☐ ___	
	3. FILLER MATERIAL	■ ASME SEC. II MARKS AS ___ ☐ ___	
INSPECTION	4. VISUAL (VT)	■ WELDING STD. IN (1) ■ SPP 2.5.0-5 (IN HOUSE) ☐ FITUP ☐ ROOT PASS ■ FINAL	
	5. PENETRANT (PT)	☐ WELDING STD. IN (1) ☐ ___	
	6. MAGNETIC PART. (MT)	☐ WELDING STD. IN (1) ☐ ___	
	7. ULTRASONIC (UT)	☐ WELDING STD. IN (1) ☐ ___	
	8. RADIOGRAPH (RT)	☐ WELDING STD. IN (1) ☐ ___	
	9. LEAK TEST (LT)	☐ ___	
☐ OTHER REQ'S.			

SEP 1993 RECEIVED EDMC

CAUTION
NOT COMPLETE WITHOUT
CURRENT STATUS OF OUTSTANDING
ECNS FROM DATA BASE

MAR 24 1993



(14) BRACKET

SCALE: 1/2

(1) ARRANGEMENT

QUALITY ASSURANCE LEVEL III

M		C H K		DRN-G	NEW WELD STAN/PAT NOTES 1 & 2 D) ADDED LIST C) ADDED GENL TUBING B) UPDATED PARTS D): 8-3255 A) REROUTED DIR DWG CHNG PER	1	
		P A		ENGR			
MACRO FILM	BY-DATE	FOR	BY-DATE	FOR	APPD	REV BY DATE	DESCRIPTION

REVISIONS

DWG. NO.	REV NO.	DRAWING TITLE OR INDEX NO.	
REFERENCE DRAWINGS			
NEXT USED ON	H-2-37206		

COMMENT PRT ISSUE NO. | DATE | CHECK PRT ISSUE NO. | DATE | LAST USE

DRAWING STATUS 5102

APPD. FOR CONFORM. / ACCE WITH DESIGN CRITERIA	DATE	U. S. ATOMIC ENERGY COMMISSION RICHLAND OPERATIONS OFFICE
BY		Atlantic Richfield Hanford Company Richland, Washington 99352
FOR		
APPD		
	1-23-73	SAMPLER ASSEMBLY
	1-23-73	
	1-23-73	
	1-23-73	
	1-23-73	
	1-23-73	
	1-23-73	
BY-APPD.	8-15-73	VESSEL VENT #2
SCALE	3/4"=1'-0" & AS NOTED	
	11/5/73	
	11/5/73	
SCALE	NONE	H-2-37205
BLDG. NO.	221-B	
DWG. NO.	4600	
SHEET NO.	~	
SHEETS	~	

START

0031033

GENERAL NOTES

1. IDENTIFY ASSY 1 PER HS-BS-0016 TYPE B, WITH DRAWING NUMBER, PART NUMBER, AND DRAWING REVISION NUMBER IN LOCATION INDICATED, USING 1/2" HIGH LETTERS
2. REMOVE ALL BURRS AND BREAK SHARP EDGES

WELDING AND INSPECTION REQUIREMENTS		
FABRICATION	1. WELDING STANDARD	☐ ASME ____ ■ ANSI B31.1 ■ ANSI D1.3 ■ HS-BS-0013 OPTIONAL (IN HOUSE)
	2. PROCEDURE SPEC. & PERFORMANCE CERT.	■ ASME SECT IX ■ ANSI D1.1 ☐ ____
	3. FILLER MATERIAL	■ ASME SECT. NAME AS ____ ☐ ____
INSPECTION	4. VISUAL (VT)	■ WELDING STD. IN (1) ■ SPP 2.5.0-8 (IN HOUSE) ☐ FITUP ☐ ROOT PASS ■ FINAL
	5. PENETRANT (PT)	☐ WELDING STD. IN (1) ☐ ____
	6. MAGNETIC PART. (MT)	☐ WELDING STD. IN (1) ☐ ____
	7. ULTRASONIC (UT)	☐ WELDING STD. IN (1) ☐ ____
	8. RADIOGRAPH (RT)	☐ WELDING STD. IN (1) ☐ ____
	9. LEAK TEST (LT)	☐ ____
☐ OTHER REQT.		

9413096.0618

SEP 1993 RECEIVED EDMC

CAUTION
NOT ... WITHOUT
CURRENT ... OF OUTSTANDING
ECN ... DATA BASE

QUALITY ASSURANCE LEVEL III

CHK	RM Chats 5-10-83	DFTG	LTD MORA 4-21-83	NEW WELD STANPAT NOTES 1 & 2 D) ADDED LIST C) ADDED GENL TUBING B) UPDATED PARTS D1: B-3255 A) REROUTED DIR DWG CHNG PER	1
QA	[illegible]	ENGR			

REVISIONS

PRT ISSUE NO. | CHECK PRT ISSUE NO. | LAST SHT 1

DRAWING STATUS 5102

U. S. ATOMIC ENERGY COMMISSION
RICHLAND OPERATIONS OFFICE
Atlantic Richfield Hanford Company
Richland, Washington 99352

SAMPLER ASSEMBLY
VESSEL VENT #2

SCALE 3"=1'-0" & AS NOTED

NONE

221-B | 4600

H-2-37205