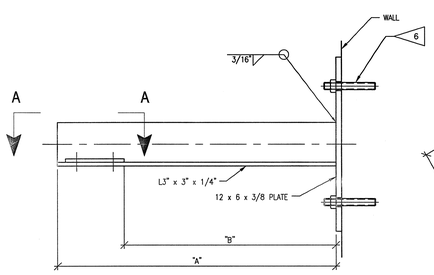
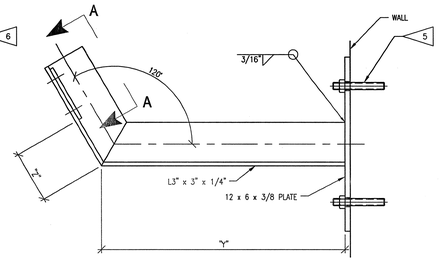


DETAIL 1 - REMOTE VALVE GEAR MOUNT

SCALE: 3"=1'-0"

4

VALVE NO.	DIM "A"	DIM "B"
XV-2153	1'-11 5/8"	1'-7 7/16"
XV-2526	2'-11 7/8"	2'-7 11/16"
XV-2525	2'-11 7/8"	2'-7 9/16"
XV-2527	2'-2 7/8"	1'-10 9/16"
XV-2528	3'-4 3/8"	3'-0"

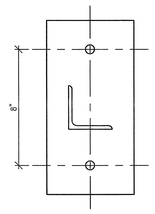


DETAIL 2 - REMOTE VALVE GEAR MOUNT

SCALE: 3"=1'-0"

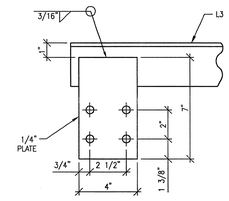
4

VALVE NO.	DIM "Y"	DIM "Z"
XV-1506	1'-2 1/2"	11 7/8"
XV-1510	2'-0 1/2"	3 1/2"



TYPICAL 6 x 12 x 3/8 BASE PLATE

SCALE: 3"=1'-0"

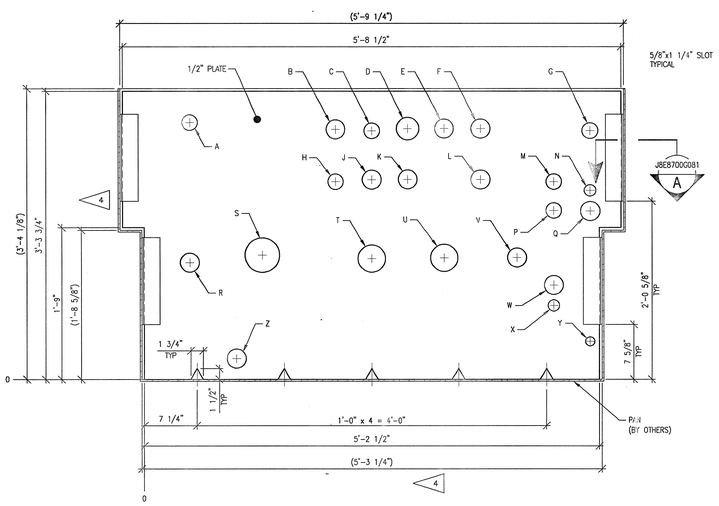


SECTION A-A

SCALE: 3"=1'-0"

GENERAL NOTES

1. ALL STEEL MEMBERS AND COMPONENTS OF PIPE SUPPORTS SHALL BE 304L STAINLESS STEEL IN ACCORDANCE WITH TECHNICAL SPECIFICATION SECTION 05121.
2. DRILL HOLES IN STEEL 1/16" LARGER THAN DIAMETER OF RODS.
3. DRILL HOLES IN STEEL 1/8" LARGER THAN DIAMETER OF HILTI KWIK BOLTS.
4. ALL ELEVATIONS AND/OR DIMENSIONS SHOWN FROM PIPE CENTERLINES TO OTHER PIPES OR BUILDING FEATURES (WALL, CEILING, FLOOR, ETC.) ARE REFERENCE DIMENSIONS WHICH REQUIRE FIELD VERIFICATION PRIOR TO DRILLING HOLES OR PERFORMING CRITICAL WELDS.
5. 1/2" 316 STAINLESS STEEL HILTI KWIK BOLT II OR EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS USING NO LESS THAN THE STANDARD EMBEDMENT DEPTH OF 3.5".
6. 3/4" 316 STAINLESS STEEL HILTI KWIK BOLT II OR EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS USING NO LESS THAN THE STANDARD EMBEDMENT DEPTH OF 4.75".

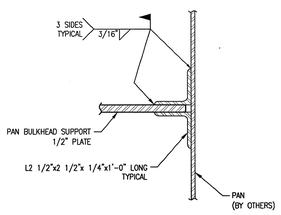


HOLE IDENTIFIER	PRIMARY LINE DESIGNATION REFERENCE	HOLE SIZE	X & Y COORDINATES	
			X	Y
A	WLR-2021-1 1/2"-130	2 1/8" ø	6 1/4"	2'-11 3/8"
B	WHS-2506-2"-130	2 5/8" ø	2'-2 1/4"	2'-10 7/16"
C	WLS-2018-1 1/2"-130	2 1/8" ø	2'-7 1/4"	2'-10 1/4"
D	SPARE - 2 1/2"	3 1/8" ø	3'-0 1/4"	2'-10 9/16"
E	WHS-2508-2"-130	2 5/8" ø	3'-5 1/4"	2'-10 9/16"
F	WHS-2504-2"-130	2 5/8" ø	3'-10 1/4"	2'-10 9/16"
G	WHS-2502-1 1/2"-130	2 1/8" ø	5'-1 1/4"	2'-10 1/4"
H	WLS-2019-1 1/2"-130	2 1/8" ø	2'-2 1/4"	2'-3 1/4"
J	WHS-2507-2"-130	2 5/8" ø	2'-7 1/4"	2'-3 1/2"
K	WHS-2509-2"-130	2 5/8" ø	3'-0 1/4"	2'-3 9/16"
L	WHS-2505-2"-130	2 5/8" ø	3'-10 1/4"	2'-3 9/16"
M	WHS-2503-1 1/2"-130	2 1/8" ø	4'-8 1/4"	2'-3 1/4"
N	WLS-1539-1"-130	1 5/8" ø	5'-1 1/4"	2'-2 1/16"
P	WLS-2003-1 1/2"-130	2 1/8" ø	4'-8 1/4"	1'-11 1/4"
Q	WLS-1533-2"-130	2 5/8" ø	5'-1 1/4"	1'-11 3/16"
R	WLR-2036-2"-130	2 5/8" ø	6 1/4"	1'-4 1/16"
S	WHR-2538-4"-130	4 3/4" ø	1'-4 1/4"	1'-5 1/8"
T	WHR-2531-3"-130	3 3/4" ø	2'-7 1/4"	1'-4 5/8"
U	WHR-2536-3"-130	3 3/4" ø	3'-5 1/4"	1'-4 3/4"
V	WHR-2526-2"-130	2 5/8" ø	4'-3 1/4"	1'-4 3/4"
W	WLR-1518-2"-130	2 5/8" ø	4'-8 1/4"	1'-1"
X	WLR-1544-1"-130	1 5/8" ø	4'-8 1/4"	10 3/16"
Y	HEL-2611-1"-455	1 1/4" ø	5'-1 1/4"	5 1/4"
Z	WHS-2500-2"-130	2 5/8" ø	1'-0 3/4"	2 7/8"

4

PAN BULKHEAD SUPPORT DETAIL

SCALE: 1 1/2"=1'-0"
(AS SEEN WHILE LOOKING TOWARD COLUMN 5)



SECTION

A
J8E8700C081

SCALE: 3"=1'-0"

3" = 1'-0" 6" 3" 0 6"

DEVICE DESIGNATOR SEE DWG J8E8700A001 FOR ABBREVIATION LIST
XX
XXXX
DEVICE NUMBER (PER PLC)

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NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN
SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-TS-G001

REV	CHANGE TYPE	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
0				CERTIFIED FOR CONSTRUCTION - 1/18/02	JHT	TP												100946	1/18/02		GPR			HG	TP					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE HOUSTON PROCTOR — 1/18/02

DSN	J.H. TOWNSEND	9/17/01
DRW	D.R. HARDY	11/5/01
CHK	T. PROFFITT	1/7/02
DEPT		
PE		
PJ		
REQ		
UTB		1/24/02

REV. 0 DATE 1/24/02

DRAWING APPROVALS

106060000-J8E-8700-G081

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Oak Ridge, TN 37830
865-241-9433
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Tullahoma, TN 37388

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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET & DUMP BUILDINGS
PIPE SUPPORT DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	D	U
51		52		53	WBS	J8E8700G081				REV
NC		NA			106060000					0