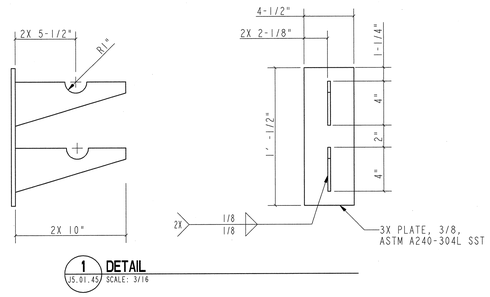
NEXT ASS'Y:

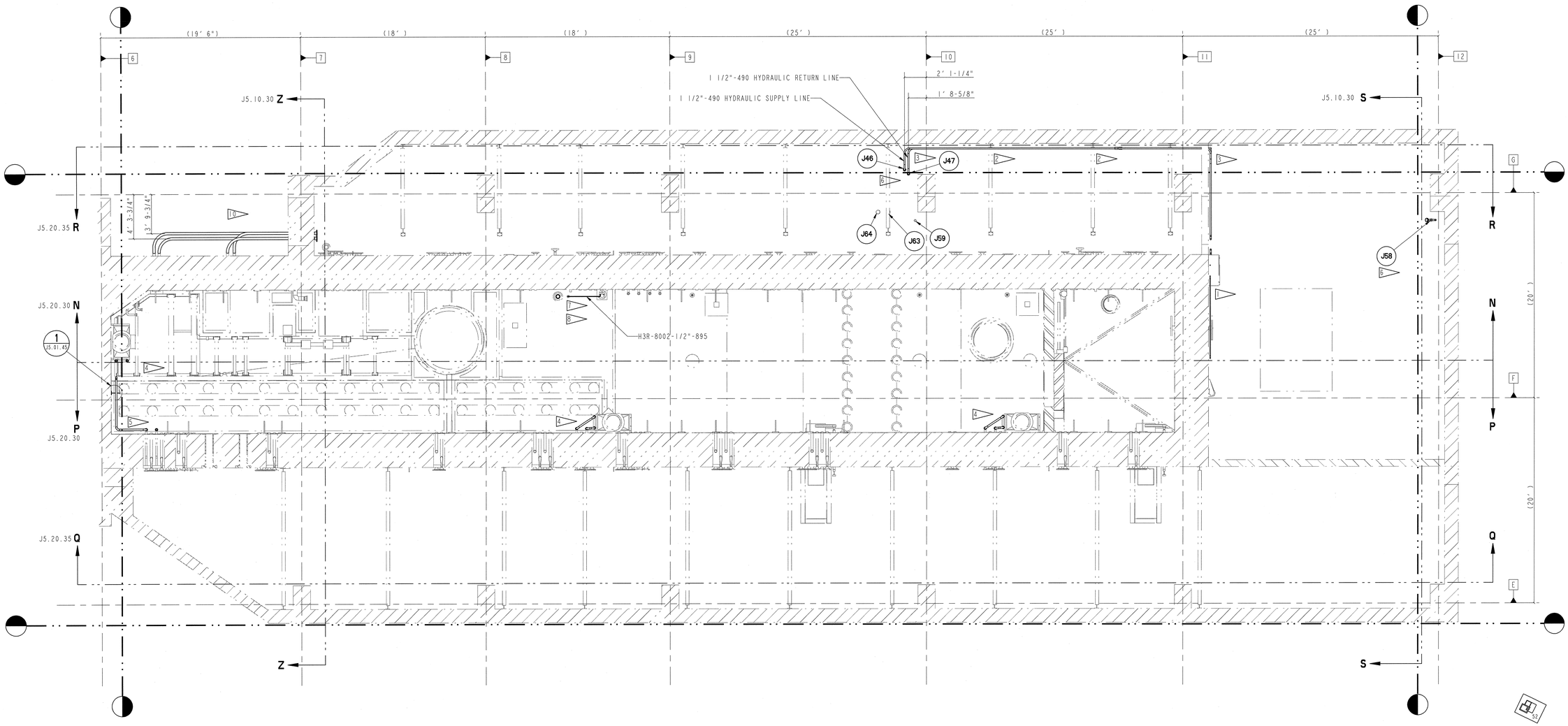
FINAL ASS'Y:

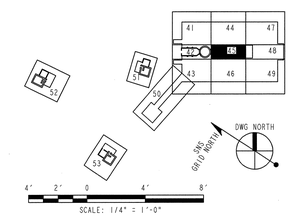
NOTES:

1. VERIFY PRESSURE AND RETURN PORTS IN HYDRAULIC MANIFOLD PRIOR TO MAKING CONNECTIONS. SEE SECTION 15200 FOR HYDRAULIC VALVE PANEL DEFINITION.
2. FASTEN HYDRAULIC TUBES TO STRUCTURAL STEEL USING STAUFF HEAVY SERIES CLAMPS, TWO SINGLE CLAMPS FOR STACKING ON A WELD PLATE. FILLET WELD THE WELD PLATES TO THE STEEL SUPPORT STRUCTURE.
3. FASTEN HYDRAULIC TUBES TO CONCRETE STRUCTURE USING STAUFF HEAVY SERIES CLAMPS, RAIL MOUNTED. USE 1/2 HILTI HAS-E THREADED ROD ANCHORS EMBEDDED 2 1/8 INCHES. EMBED RODS USING HILTI HIT HY 150 ADHESIVE. FASTEN HYDRAULIC TUBES TO MASONRY BLOCK USING 1/2 HIT-A THREADED ROD ANCHORS AND HIT HY20 ADHESIVE.
4. FIELD FABRICATE PIPING JUMPERS AS SHOWN USING SECTION 15146. USE REFLANGE G-CON BUTTWELD HUBS INSTEAD OF ANSI FLANGES. WELD A SIX INCH DIAMETER LIFTING LUG ONTO THE TOP OF THE JUMPER ABOVE THE CENTER OF GRAVITY.
5. FIELD FABRICATE THE FIXED PIPING AS SHOWN USING SECTION 15146. USE REFLANGE G-CON BUTTWELD HUBS INSTEAD OF ANSI FLANGES. WELD A SIX INCH DIAMETER LIFTING LUG ONTO THE TOP OF THE ASSEMBLY ABOVE THE CENTER OF GRAVITY. INSTALL THE PIPING SUPPORT SHOWN IN DETAIL 1 ON THIS DRAWING.
6. THESE ARE FIRE BARRIER PENETRATIONS. SEE A9.30.30 FOR PENETRATION DETAILS.
7. FIELD FABRICATE A PIPING JUMPER USING SECTION 15895. USE HILTAP CONNECTORS AT EACH END; MATCH VESSEL CONNECTION. WELD A LIFTING LUG TO THE TOP OF THE JUMPER ABOVE THE CENTER OF GRAVITY.
8. INSTALL A G-CON BUTTWELD HUB AND BLIND FLANGE ONTO THE PIPE STUB.
9. CONTRACTOR SHALL SUBMIT AN ACCURATE SKETCH OF EACH FIELD FABRICATED JUMPER INTALLED WITHIN THE HOT CELL.
10. EXTEND CONDUITS INTO SERVICE GALLERY USING SECTION 15146.



1 DETAIL
J5.01.45 SCALE: 3/16





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PROJECT NAME:
SPALLATION NEUTRON SOURCE
TARGET BUILDING
PIPING PLAN
INSTRUMENT LEVEL, SECTOR 45

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	P	U

51	52	53	WBS		REV
NC	NA	IN	1.8.3.7	J5.01.45	0

DSN	M. Lawson	11-12-01
DRW	M. Lawson	11-12-01
CHK	Mohn	11-12-01
DEPT		
PE	R.D. Davies	11/15/01
PJ	R.A. Green	11/14/01
REQ		
UTB	M. Lawson	11/14/01

RPE
MATTHEW JAMES KNUDSEN
REGISTERED ENGINEER
AGRICULTURE
10709
STATE OF TENNESSEE
REV. 0 DATE 11-14-01
DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE SYSTEM	CHANGE SUBSET	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 - 10/26/01	NHL	MJK			RDD	11/07/01	RDD	11/14/01			MJK	11/14/01	MJK	107067	11/13/01	PSK					TWO				

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

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ENGINEERING PROCEDURE SNS-ENG-6001