NEXT ASS'Y:

FINAL ASS'Y:

NOTES:

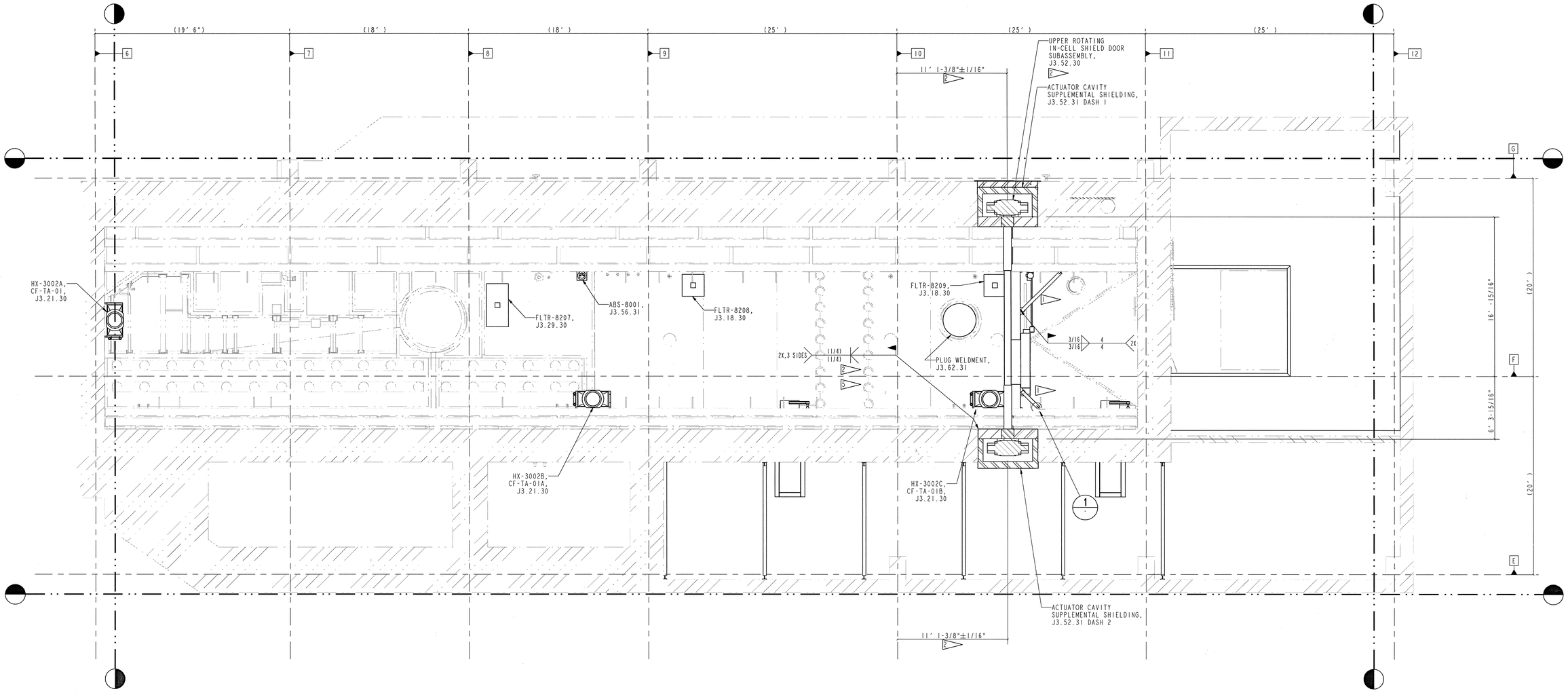
1. INSTALL (2) DIAGONAL BRACES PER J3.51.34 PRIOR TO INSTALLING THE UPPER ROTATING SHIELD DOOR.

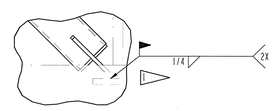
2. SET THE TWO SHEAR SUPPORTS IN PLACE AND ESTABLISH THE PROPER ELEVATION USING FULL DIMENSION, 304L STAINLESS STEEL SHIMS. ESTABLISH THE DISTANCE FROM COLUMN LINE 10 ON BOTH SIDES WITHIN 1/16 INCH ALSO USING FULL DIMENSION STAINLESS STEEL SHIMS AND ENSURE THAT THE SHEAR SUPPORTS ARE PLUMB. ENSURE THAT THE SHEAR SUPPORT COVERS FIT WITHIN THE SHEAR SUPPORTS. TACK WELD THE SHEAR SUPPORTS TO THE EMBED.

3. ASSEMBLE THE ROTARY ACTUATORS TO THE ROTATING DOOR ASSEMBLY AND LOWER THE DOOR INTO THE SHEAR SUPPORTS. ENSURE THAT THE SPLINE TEETH ARE TIMED TO THE DOOR. ESTABLISH THE FINAL ELEVATION OF THE ROTATING DOOR USING THE INTEGRAL LEVELING SYSTEM. IT IS IMPORTANT THAT NO COLD SPRING BE INTRODUCED INTO THIS SYSTEM AT ASSEMBLY. DO NOT USE THE FASTENERS TO FORCE THE ACTUATORS TO CONTACT THE SHEAR PLATES. TORQUE THE FASTENERS PER TORQUE VALUES LISTED ON DRAWING J3.52.30.

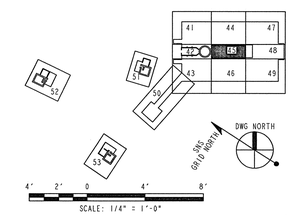
4. INSTALL THE SHEAR SUPPORT COVERS IN ACCORDANCE WITH DRAWING NO. J3.52.30.

5. FINISH WELDING THE SHEAR SUPPORTS TO THE CONCRETE EMBEDS.





1 DETAIL
SCALE: 2" = 1'



SCALE: 1/4" = 1'-0"

108030700-J8E-8700-A079

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
TARGET BUILDING
MECH. EQUIPMENT INSTALLATION
MEZZ. LEVEL PLAN, SECTOR 45

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

51	52	53	WBS		REV
NC	NA	IN	I.8.3.7	J7.02.45	0

J7-02-45

DSN	N. Lum	10-23-01
DRW	N. Lum	10-23-01
CHK	[illegible]	10-23-01
DEPT		
PE	[illegible]	11/19/01
PJ	[illegible]	11/19/01
REQ		
UTB	[illegible]	11/19/01

DRAWING APPROVALS

REV. 0 DATE 10-23-01

RPE — MATTHEW JAMES KNUDSEN, REGISTERED PROFESSIONAL ENGINEER, MECHANICAL, NO. 107067, STATE OF TENNESSEE

REV	CHANGE ORDER	CHANGE SYSTEM	CHANGE 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 - 10/26/01	NHL	MJK	-		RAD	11/14/01	RAD	11/20/01			MJK	11/20/01	MJK	107067	10/26/01		PSK				-	TBD			

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