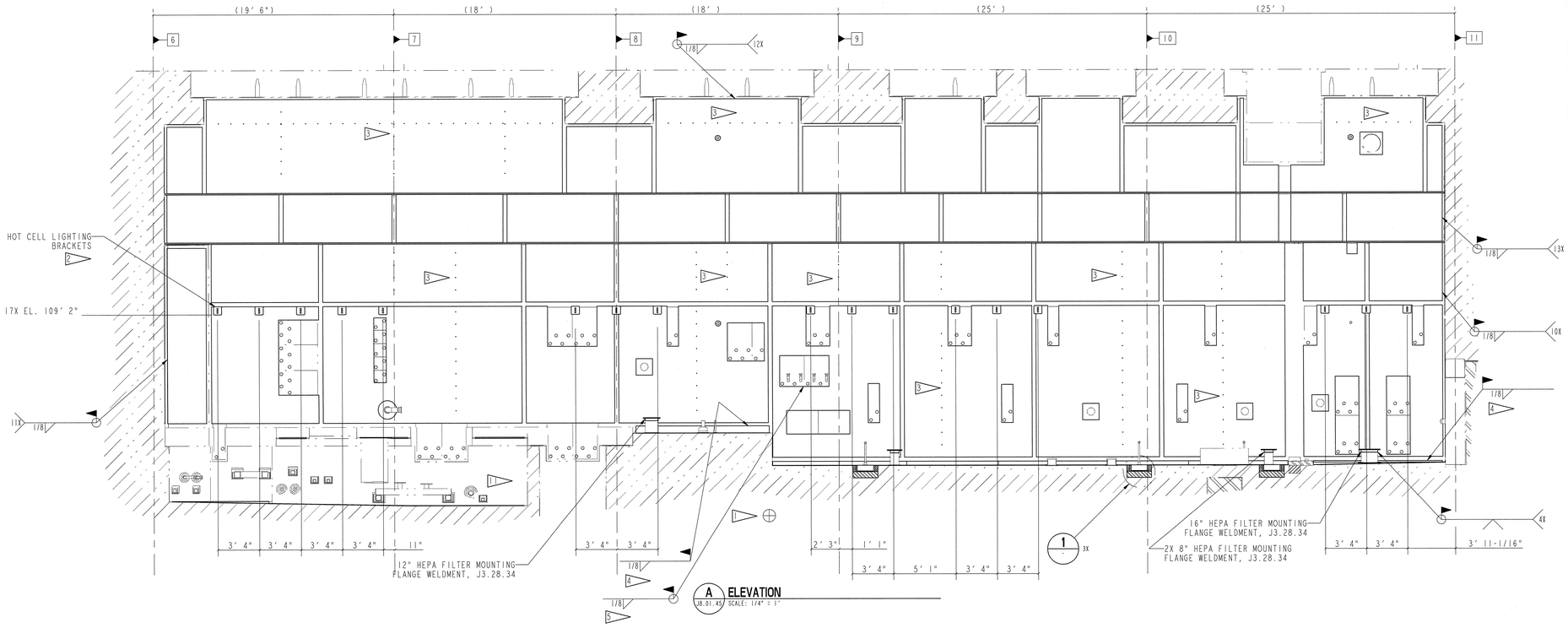
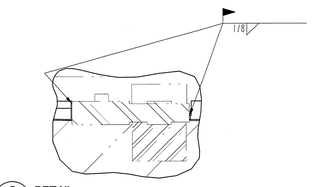
NEXT ASS'Y: | FINAL ASS'Y:

NOTES:

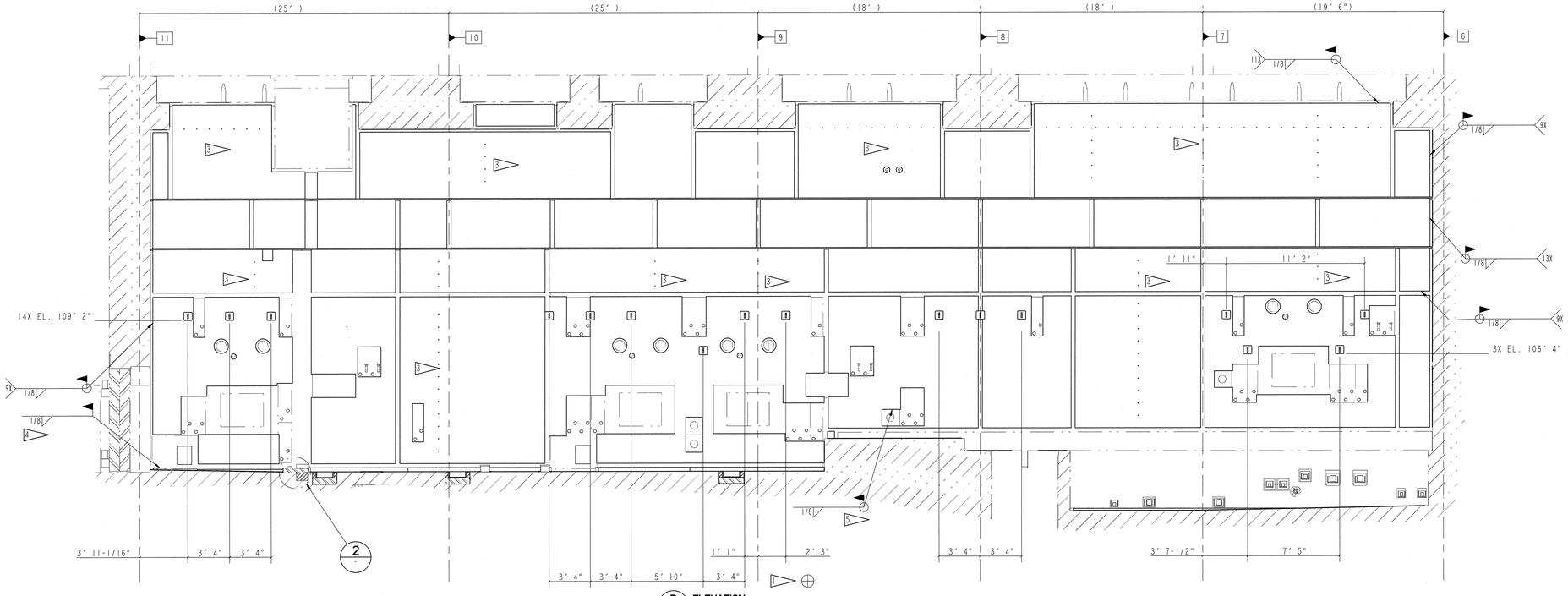
1. ⊕ DENOTES SAFETY-SIGNIFICANT COMPONENT (SSC). SUBSTITUTIONS FOR SSC COMPONENTS MAY NOT BE MADE WITHOUT THE PROPER AUTHORITY. ALL LINER PANELS ARE SAFETY SIGNIFICANT COMPONENTS.
2. WELD HOT CELL LIGHTING BRACKETS TO THE LINER AFTER LINER INSTALLATION.
3. WELD THE LINER PANEL TO THE EMBED USING 3/8 DIAMETER PLUG WELDS ON 12 INCH CENTERS.
4. WELD THE FLOOR PANELS TO THE SIDEWALL EMBEDS.
5. EACH EMBED CONTAINS A STAINLESS STEEL FLANGE FOR LINER PANEL ATTACHMENT. WELD THE LINER PANELS TO EACH PENETRATION EMBED.
6. ALL WALL LINER PANELS ARE SHEET, 11 GAUGE, ASTM A240-304L SST.
7. SET CARBON STEEL PLATES IN PLACE FOR SUPPLEMENTAL SHEIDLING.
8. LINER PANELS SHALL OVERLAP EMBEDS 1 1/4" PLUS OR MINUS 1/2".
9. ALL FIELD WELDS SHALL BE VISUALLY INSPECTED AND FREE FROM DEFECTS IN ACCORDANCE WITH AWS D1.6. ALL FIELD WELDS 18" ABOVE THE INSTRUMENT LEVEL AND BELOW SHALL BE EXAMINED USING VACUUM BOX TESTING. ALL OTHER WELDS SHALL BE EXAMINED USING NON-CHLORIDE CONTAINING DYE PENETRANT IN ACCORDANCE WITH ASME SECTION VIII, DIVISION 1, APPENDIX 8.
10. PERSONNEL PERFORMING NON-DESTRUCTIVE EXAMINATION SHALL BE CERTIFIED PER ASNT SNT-TC-1A.
11. THE FLOOR OF THE PIT SHALL NOT BE EXCLUDED FROM VACUUM BOX TESTING. SEE SECTION 05121.
12. THE LINER PANELS ARE SUBJECT TO THE OFF-SITE FABRICATION REQUIREMENTS SET FORTH IN SECTION 15065. ON -SITE WELDING IS SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 18100A. ON-SITE CONSTRUCTION IS SUBJECT TO THE REQUIREMENTS SET FORTH IN SECTION 05121.



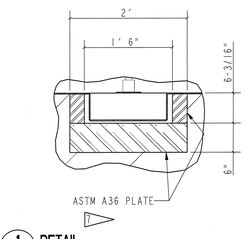
A ELEVATION
J8.01.45 SCALE: 1/4" = 1'



2 DETAIL
SCALE: 1" = 1'



B ELEVATION
J8.01.45 SCALE: 1/4" = 1'



1 DETAIL
SCALE: 1" = 1'

J8-20-30

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THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURES SNS-ENG-G001

REV	CHANGE CODE	CONTROL 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			RPD	11/7/01	RPD	11/14/01				11/14/01	MJK	107067	11/13/01		PJK					TJO			

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: MATTHEW JAMES NUDSEN, REGISTERED ENGINEER, AGRICULTURE, 107067, STATE OF TENNESSEE — REV. 0 DATE 11-13-01

DRAWING APPROVALS		
DSN	M. Lunn	11-12-01
DRW	M. Lunn	11-12-01
CHK	[illegible]	11-12-01
DEPT		
PE	R.D. Darden	11/13/01
PJ	R.A. Dean	11/14/01
REQ		
UTB	R.P. Jackson	11/14/01

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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
LINER ELEVATIONS
SECTOR 45

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

51	52	53	WBS		REV
NC	NA	IN	1.8.3.7	J8.20.30	0