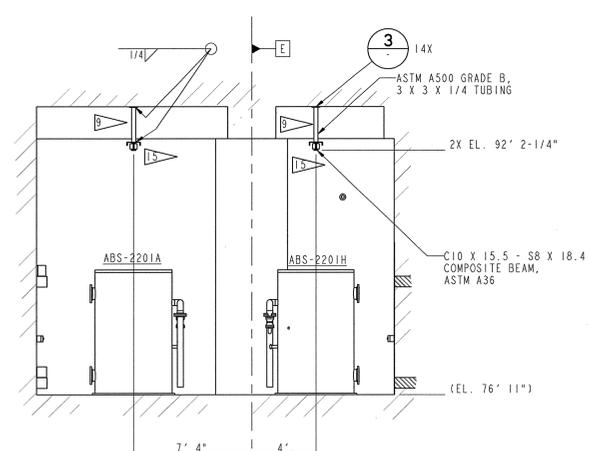
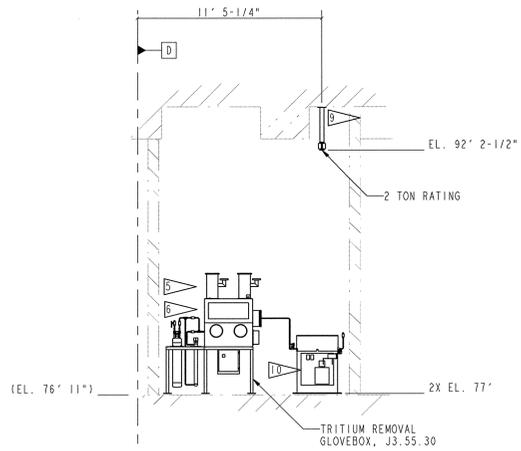
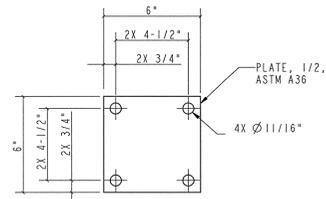
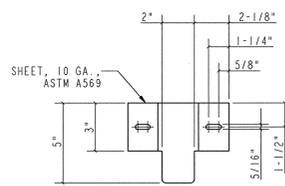
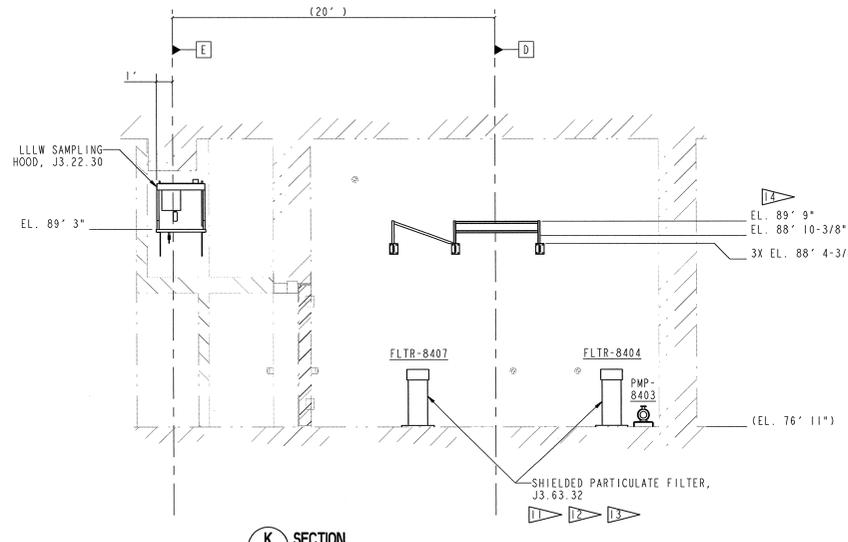
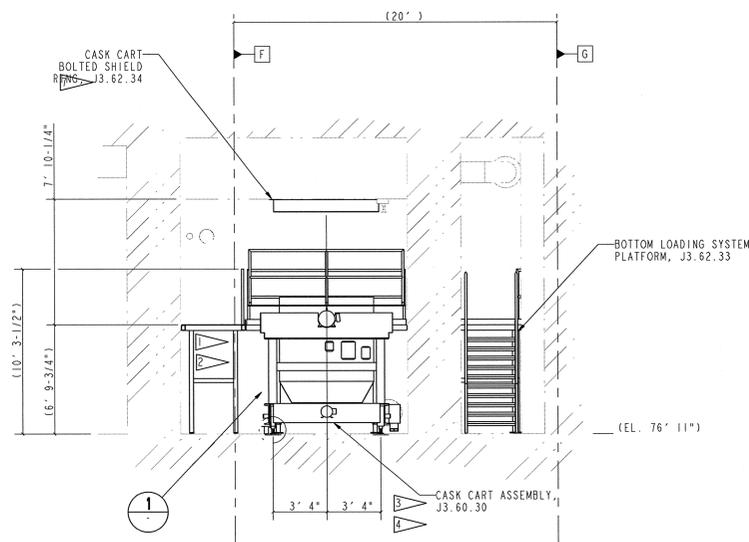
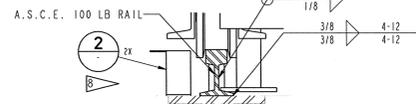


NOTES:

- 1 EACH PLATFORM SECTION IS A FREE STANDING STRUCTURE. LEVEL EACH SECTION USING CARBON OR STAINLESS STEEL SHIMS. NOTE THAT THE FLOOR IS SLOPED IN THIS AREA.
- 2 INSTALL (2) HILTI 1/2 INCH DIAMETER HAS-E THREADED ROD ANCHORS PER LEG USING HILTI HIT ADHESIVE. EMBED THREADED ROD A MINIMUM OF 2 1/8 INCHES.
- 3 RAILS SHALL BE SUPPORTED CONTINUOUSLY BY THE EMBEDDED PLATE. IF SHIMS ARE REQUIRED, THEY SHALL BE TAPERED TO FILL ALL GAPS BENEATH THE RAIL.
- 4 VERIFY THAT THE RAILS STRADDLE THE BOTTOM LOADING PORT (CAST INTO THE BASEMENT CEILING) PLUS OR MINUS 1/16 INCH IN THE VICINITY OF THE PORT. WELD A 2 X 2 X 6 1/2 ASTM A36 BAR ON EACH END OF EACH RAIL.
- 5 LEVEL THE GLOVEBOX USING FULL BASEPLATE STAINLESS STEEL SHIMS. NOTE THAT THE FLOOR MAY BE SLOPED IN THIS AREA.
- 6 INSTALL (2) HILTI 1/2 INCH DIAMETER HAS-E THREADED ROD ANCHORS PER LEG USING HILTI HIT HY 150 ADHESIVE. EMBED THREADED ROD A MINIMUM OF 2 1/8 INCHES.
- 7 FASTENERS ARE REFERENCED ON THE BOLTED SHIELD RING DRAWING.
- 8 LOCATE A SENSOR TARGET AT EACH END OF THE SOUTH RAIL EMBED. PUSH CART INTO STOP AT EACH END TO LOCATE THE TARGET. USE 1/4-20 WELD STUDS, WASHERS, AND NUTS TO FASTEN THE TARGET. SEE DETAIL 2 FOR TARGET DIMENSIONS.
- 9 INSTALL (4) UNDERCUT ANCHORS PER MONORAIL SUPPORT. USE HILTI HDA-P 30 M16 ANCHORS WITH EMBEDMENT DEPTH OF 7 1/2 INCHES.
- 10 INSTALL (8) HILTI 1/2 INCH DIAMETER HAS-E THREADED ROD ANCHORS USING HILTI HIT HY 150 ADHESIVE. EMBED THREADED ROD A MINIMUM OF 4 INCHES. GROUT THE ENTIRE BASEPLATE SURFACE.
- 11 EQUIPMENT ITEM IS DESIGNED TO REST ON LEVEL EMBED. STAINLESS STEEL SHIMS MAY BE USED TO PLUMB EQUIPMENT IF NECESSARY.
- 12 MATCH MARK MOUNTING HOLES ONTO STAINLESS STEEL EMBEDS. REMOVE EQUIPMENT, DRILL, AND TAP (4 PER FILTER) 1/2-13 UNC-2B HOLES 3/4 INCH DEEP. DO NOT BREAK THROUGH THE 1 INCH THICK EMBEDMENT PLATE.
- 13 INSTALL (4) ASTM F593 1/2-13 CW HEX HEAD CAP SCREWS WITH 300 SERIES STAINLESS STEEL WASHERS. FASTENER THREADS SHALL BE ENGAGED IN THE EMBED A MINIMUM OF 5/8 INCH.
- 14 DIMENSIONS ALSO APPLY TO PIPE SUPPORTS LOCATED IN TANK VAULT.
- 15 MONORAILS ARE RATED FOR 5 TONS.



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P THIS DRAWING PRODUCED ON PRO-ENGINEER

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REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	P.J.	DATE	REQ	DATE	DTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
1	10/26/01	CERTIFIED FOR CONSTRUCTION	NHL	MJK																							
2	11/26/01																										
3	11/26/01																										

RPE
 DSN: J. J. ...
 DRW: J. J. ...
 CHK: J. J. ...
 DEPT: J. J. ...
 PE: J. J. ...
 REQ: J. J. ...
 DATE: 11/26/01

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PROJECT NAME:
 SPALLATION NEUTRON SOURCE
 TARGET BUILDING
 MECH. EQUIPMENT INSTALLATION
 BASEMENT LEVEL SECTIONS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700	I	I	S	U	
51	52	53	WBS							
NC	NA	IN	1.8.3.7	J7.10.32						0