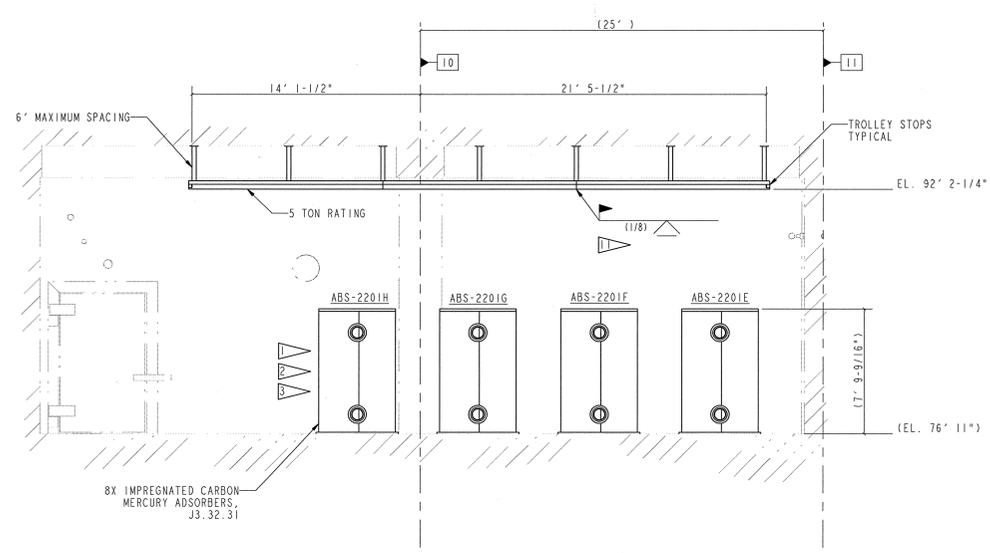


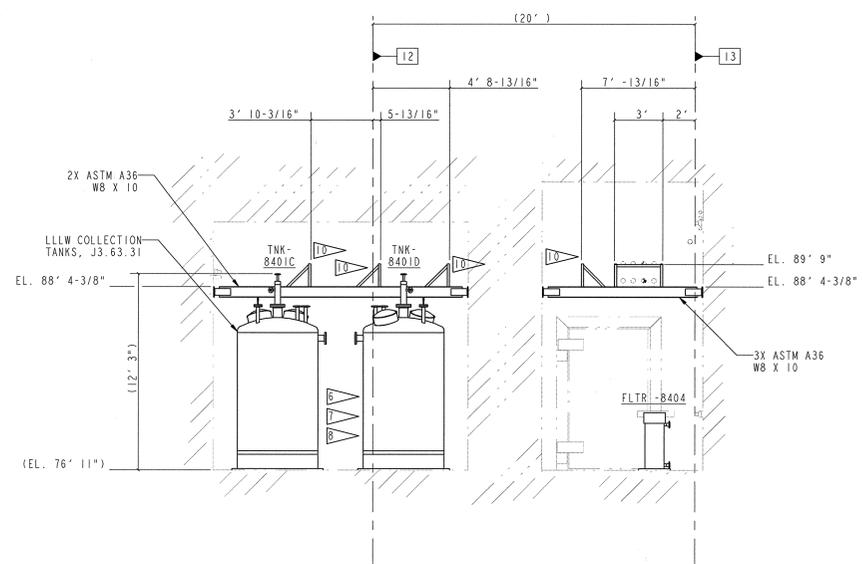
**H ELEVATION**  
JT.01.45 SCALE: 1/4" = 1'

**NOTES:**

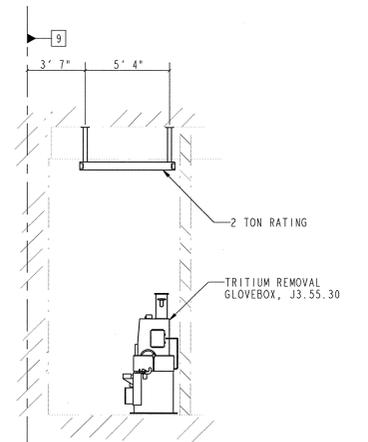
- 1 MATCH MARK MOUNTING HOLES ONTO STAINLESS STEEL EMBEDS. REMOVE FILTERS, DRILL, AND TAP (16 PER FILTER) 1/2-13 UNC-2B HOLES 3/4 INCH DEEP. DO NOT BREAK THROUGH 1 INCH THICK EMBEDMENT PLATE.
- 2 COMPONENTS FLTR-2201 ARE TO REST ON LEVEL EMBEDS. FILTER AND SHIELD MOUNTING FLANGES MAY BE SHIMMED IF NECESSARY TO PLUMB THE INLET AND DISCHARGE FLANGES.
- 3 INSTALL (16) 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. ENSURE THAT RESIDUAL THREAD CUTTING OIL IS PRESENT ON THE THREADED SURFACES; TORQUE FASTENERS TO 25 FT-LB. CMTR'S ARE REQUIRED FOR SCREWS AND WASHERS.
- 4 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.
- 5 INSTALL (2) HILTI 1/2 INCH DIAMETER HAS-E THREADED ROD ANCHORS PER LEG USING HILTI HIT 1150 ADHESIVE. EMBED THREADED ROD A MINIMUM OF 2 1/8 INCHES.
- 6 MATCH MARK MOUNTING HOLES ONTO STAINLESS STEEL EMBEDS. REMOVE TANKS, DRILL, AND TAP (8 PER TANK) 1/2-13 UNC-2B HOLES 3/4 INCH DEEP. DO NOT BREAK THROUGH 1 INCH THICK EMBEDMENT PLATE.
- 7 COMPONENTS TNK-8401 ARE TO REST ON LEVEL EMBEDS. TANK MOUNTING FLANGES MAY BE SHIMMED IF NECESSARY (USING STAINLESS STEEL ONLY) TO PLUMB THE TANKS TO PLUS OR MINUS 1/8 INCH.
- 8 INSTALL (8) 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.
- 9 FASTENERS ARE IDENTIFIED ON BOLTED SHIELD RING DRAWING.
- 10 SUPPORTS SHALL BE CONSTRUCTED USING P1000 UNISTRUT AND BOLTED UNISTRUT CONNECTION HARDWARE. CONNECTIONS CAN NOT BE WELDED SINCE PIPING WILL BE INSTALLED LATER.
- 11 LOCATE MONORAIL SEAMS ONLY CENTERED BENEATH SUPPORT TUBES, GROOVE WELD SEAMS.



**G ELEVATION**  
JT.01.45 SCALE: 1/4" = 1'



**L ELEVATION**  
JT.01.45 SCALE: 1/4" = 1'



**P ELEVATION**  
JT.01.45 SCALE: 1/4" = 1'

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**P** THIS DRAWING PRODUCED ON PRO-ENGINEER  
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ENGINEERING PROCEDURE SNS-ENG-001

| REV | DATE     | 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 |      |      |    |      |    |      |     |      |     |      |     |        |      |    |    |    |    |    |    |   |    |    |    |  |
| 1   | 10/26/01 | REVISION OR ISSUE PURPOSE             |     |     |      |      |    |      |    |      |     |      |     |      |     |        |      |    |    |    |    |    |    |   |    |    |    |  |

RPE  
  
 DSN: M. J. ...  
 DRW: M. J. ...  
 CHK: R. P. E.  
 DEPT: ...  
 PE: ...  
 P.J.: ...  
 REQ: ...  
 REV: 0 DATE: 10/26/01  
 DRAWING APPROVALS: ...

108030700-J8E-8700-A085  
  
 Knight/Jacobs  
 Knight/Jacobs Joint Venture  
 701 Scarborough Road, MS 8253  
 Oak Ridge, TN 37830  
 865-241-9433  
 Fax: 865-241-3400  
 Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dept. of Energy under contract DE-AC05-00OR22725  
 PROJECT NAME:  
 SPALLATION NEUTRON SOURCE  
 TARGET BUILDING  
 MECH. EQUIPMENT INSTALLATION  
 BASEMENT LEVEL ELEVATIONS  

|    |    |    |         |          |      |    |    |    |      |       |
|----|----|----|---------|----------|------|----|----|----|------|-------|
| 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 | J7.20.32 |      |    |    |    |      |       |