

ENGINEERING CHANGE NOTICE

Page 1 of 2

1. ECN **613374**

Proj.
ECN

2. ECN Category (mark one) Supplemental <input type="checkbox"/> Direct Revision <input checked="" type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. R.W. Whitlock, 87250, T4-03, 3-1737		4. Date 11/14/94
	5. Project Title/No./Work Order No. Trench #31	6. Bldg./Sys./Fac. No. Burial Grounds	7. Approval Designator Q
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-W025-VI-001 Rev. 0	9. Related ECN No(s). N/A	10. Related PO No. N/A
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. N/A	11c. Modification Work Complete N/A _____ Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) N/A _____ Cog. Engineer Signature & Date
12. Description of Change Revise document WHC-SD-W025-VI-001 from REV. 0 TO REV. 1 as shown on the following pages.			
13a. Justification (mark one) Criteria Change <input type="checkbox"/> Design Improvement <input type="checkbox"/> Environmental <input type="checkbox"/> As-Found <input type="checkbox"/> Facilitate Const. <input checked="" type="checkbox"/> Const. Error/Omission <input type="checkbox"/> Design Error/Omission <input type="checkbox"/>			
13b. Justification Details To maintain accurate engineering documentation of facility configuration <i>DESIGN VERIFICATION BY INDEPENDENT REVIEW</i> <i>2400 11/14/94</i>			
14. Distribution (include name, MSIN, and no. of copies) R.W. Whitlock T4-03 File T4-03 OST.I. (2 Copies) L8-07 Central Files (1 Copy) L8-04		RELEASE STAMP OFFICIAL RELEASE 12 BY WHC DATE NOV 18 1994 <i>Sta 6</i>	

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RELEASE AUTHORIZATION

Document Number: WHC-SD-W025-VI-001, REV 1

Document Title: LEACHATE STORAGE TRANSPORT TANKER LOADOUT PIPING

Release Date: 11/14/94

**This document was reviewed following the
procedures described in WHC-CM-3-4 and is:**

APPROVED FOR PUBLIC RELEASE

WHC Information Release Administration Specialist:



Kara M. Broz

November 14, 1994

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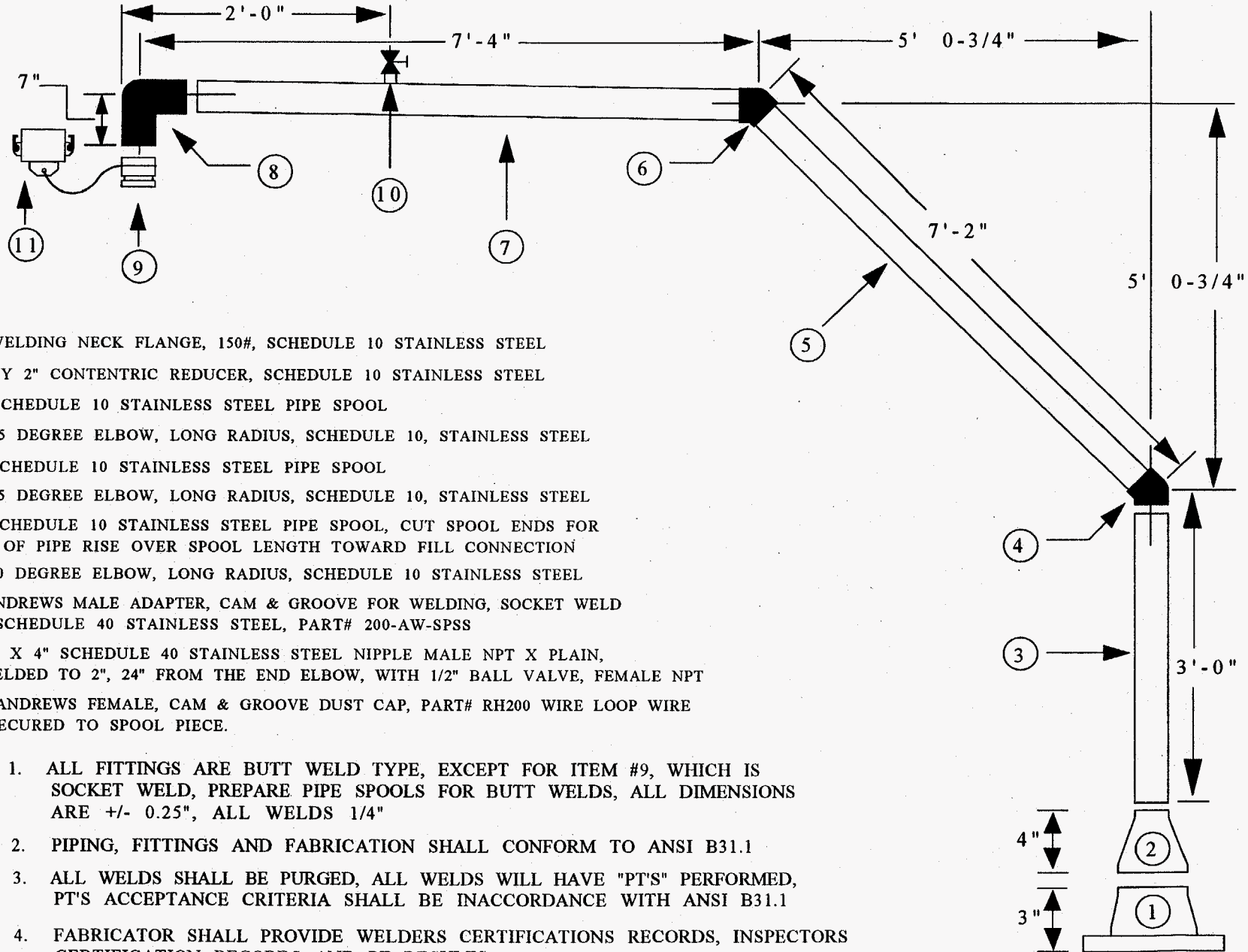
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SUPPORTING DOCUMENT		1. Total Pages <i>dp 11-16-94</i> 15
2. Title Leachate Storage Transport Tanker Loadout Piping	3. Number WHC-SD-W025-VI-001	4. Rev No. 1
5. Key Words Leachate, Loadout Pad, Trench #31, W-025 <i>KOP 11/14/94</i>	6. Author Name: R.W. Whitlock <i>R.W. Whitlock 11/14/94</i> Signature Organization/Charge Code 87250/A7D38	
<p style="text-align: center;">APPROVED FOR PUBLIC RELEASE</p> <p>7. Abstract This document shows the pipe configuration, dimensions, welding information, and installation information for the discharge pipe.</p> <p style="text-align: center;">DISCLAIMER</p> <p>This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.</p>		
		<p>8. RELEASE STAMP</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>OFFICIAL RELEASE BY WHC 12</p> <p>DATE NOV 18 1994</p> <p><i>Stale</i></p> </div>

The following pages show the modifications to the W-025 Trench #31 leachate loadout discharge piping, and also the steps involved in installing the discharge piping.

The installation of the discharge pipe should be done in accordance to current pipe installation standards.

W025, TRENCH 31, RADIOACTIVE MIXED WASTE LAND DISPOSAL FACILITY,
 LEACHATE STORAGE TANK TRANSPORT TANKER LOADOUT PIPING, SKETCH 1 SHEET 2



1. 4" WELDING NECK FLANGE, 150#, SCHEDULE 10 STAINLESS STEEL
2. 4" BY 2" CONCENTRIC REDUCER, SCHEDULE 10 STAINLESS STEEL
3. 2" SCHEDULE 10 STAINLESS STEEL PIPE SPOOL
4. 2" 45 DEGREE ELBOW, LONG RADIUS, SCHEDULE 10, STAINLESS STEEL
5. 2" SCHEDULE 10 STAINLESS STEEL PIPE SPOOL
6. 2" 45 DEGREE ELBOW, LONG RADIUS, SCHEDULE 10, STAINLESS STEEL
7. 2" SCHEDULE 10 STAINLESS STEEL PIPE SPOOL, CUT SPOOL ENDS FOR 1/2" OF PIPE RISE OVER SPOOL LENGTH TOWARD FILL CONNECTION
8. 2" 90 DEGREE ELBOW, LONG RADIUS, SCHEDULE 10 STAINLESS STEEL
9. 2" ANDREWS MALE ADAPTER, CAM & GROOVE FOR WELDING, SOCKET WELD TO SCHEDULE 40 STAINLESS STEEL, PART# 200-AW-SPSS
10. 1/2" X 4" SCHEDULE 40 STAINLESS STEEL NIPPLE MALE NPT X PLAIN, WELDED TO 2", 24" FROM THE END ELBOW, WITH 1/2" BALL VALVE, FEMALE NPT
11. 2" ANDREWS FEMALE, CAM & GROOVE DUST CAP, PART# RH200 WIRE LOOP WIRE SECURED TO SPOOL PIECE.

- NOTES:
1. ALL FITTINGS ARE BUTT WELD TYPE, EXCEPT FOR ITEM #9, WHICH IS SOCKET WELD, PREPARE PIPE SPOOLS FOR BUTT WELDS, ALL DIMENSIONS ARE +/- 0.25", ALL WELDS 1/4"
 2. PIPING, FITTINGS AND FABRICATION SHALL CONFORM TO ANSI B31.1
 3. ALL WELDS SHALL BE PURGED, ALL WELDS WILL HAVE "PT'S" PERFORMED, PT'S ACCEPTANCE CRITERIA SHALL BE INACCORDANCE WITH ANSI B31.1
 4. FABRICATOR SHALL PROVIDE WELDERS CERTIFICATIONS RECORDS, INSPECTORS CERTIFICATION RECORDS AND PT RESULTS

SPOOL1

W025, TRENCH 31, RADIOACTIVE MIXED WASTE LAND DISPOSAL FACILITY,
LEACHATE STORAGE TRANSPORT TANKER LOADOUT PIPING,
SKETCH 1 SHEET 1

