

Date Received: 10-7-92 CW **INFORMATION RELEASE REQUEST** Reference: WHC-CM-3-4

Complete for all Types of Release

Purpose <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape		<input type="checkbox"/> Reference <input type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input checked="" type="checkbox"/> Other: ECOLOGY. Sampling 300A Process Trench		ID Number (include revision, volume, etc.) H3-33841
List attachments.				
Date Release Required 10/07/92				

Title **PROCESS WATER TRENCHES-OUTLET STRUCTURE** Unclassified Category **UC-** Impact Level

New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).	information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)	Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)

Complete for Speech or Presentation

Title of Conference or Meeting N/A	Group or Society Sponsoring N/A
Date(s) of Conference or Meeting N/A	City/State N/A
Will proceedings be published? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Will material be handed out? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Title of Journal N/A	

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature	Indicates Approval	Name (printed)	Signature	Date
Classification/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
Patent - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	S.W. Berglin		S.W. Berglin	<i>[Signature]</i>	10/7/92
Legal - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
WHC Program/Project	<input checked="" type="checkbox"/>	<input type="checkbox"/>	R.W. Brown		R.W. Brown	<i>[Signature]</i>	FOR 10-7-92
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
RL Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
Publication Services	<input type="checkbox"/>	<input checked="" type="checkbox"/>					
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Author/Requestor (Printed/Signature)	Date
<i>Steve Szendre</i> Steve Szendre	10-6-92
Intended Audience	
<input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External	
Responsible Manager (Printed/Signature)	Date
B.G. Erlandson <i>[Signature]</i>	10/6/92

INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP

Stamp is required before release. Release is contingent upon resolution of mandatory comments.




Date Cancelled _____ Date Disapproved _____

Lead Author Steve Szendre	Phone 6-7776	MSIN B2-19	Other Author(s) or Requestor		
Project or Program	Lead Org Code 81140		Sponsor Agency (DOE, DOT, NRC, USGS, etc.)		
Editor	Phone	MSIN	DOE/HQ Program (DP, EH, EM, NE, etc.)		
Mandatory Comments (Only mandatory comments are to be documented. All other comments should be made on a copy of the information submitted for review and returned to the author.)	Reviewer Name & Signature	Date	Resolution	Reviewer Name & Signature	Date

Legends/Notices/Markings (required per WHC-CM-3-4 or guidance organization.) (Reviewer initials)

	<u>Affix</u>			<u>Affix</u>	
	<u>Yes</u>	<u>No</u>		<u>Yes</u>	<u>No</u>
Applied Technology	[]	[]	Predecisional Information	[]	[]
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Limited Disclosure	[]	[]	Unclassified Controlled Nuclear Information/Official Use Only	[]	[]
Patent Status	[]	[]			

Responsible Manager (Printed/Signature) _____

Additional Information _____

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This list provides the instructions for each reviewer. It is meant to be used as a checklist and requires no signatures. The list is not all-inclusive but covers the key areas needing review. Areas needing further review or other areas needing review should be indicated under comments.

AUTHOR/REQUESTOR

- Project or program manager concurs with the issuance of this report.
- Reference citations are necessary, correct and appropriate for the intended audience and will be publicly available at the time the document is published.
- If a journal article, the reference style agrees with guidance from the client or journal publisher.
- Contributions from authors of other organizations indicated in the comment section of this form.
- Document is responsive to the client's scope of work.
- Client approved this for release.
- Document reports or reflects quality technical work.
- Scientific methodology used is logical and reasonable.
- Inferences and conclusions are soundly based.

RESPONSIBLE MANAGER

Indicated at the bottom of the comment section of this form that General Counsel's office should review this document with particular attention to:

- An invention (reported or unreported)
- New software developed at WHC
- Sensitive subject matter (policies, issues, concerns)
- Copyrighted information
- Trademark information
- Proprietary information.

If the funding for the program represented by the document is from the Assistant Secretary for Nuclear Energy (NE), and public clearance or limited clearance for foreign exchange (sponsor-limited) is requested, the following information is required:

- Information generation dates
- Prior dissemination to DOE contractors
- Prior dissemination under international agreements
- Substantive value for international exchange
- Justification for release of information.

AUTHORIZED DERIVATIVE CLASSIFIER

Document reviewed for [and indicated on the front of the form] the presence of the following:

- Classified information
- Unclassified Controlled Nuclear Information (UCNI)

GENERAL COUNSEL REVIEWER

Document reviewed for [and indicated on the front of the form] the presence of the following:

- Previously reported or as yet unreported patentable subject matter
- Copyrighted material
- Trademarks
- Proprietary information
- Product comparisons
- Inventions
- New software developments
- Information meets environmental compliance.

COMMUNICATIONS DEPARTMENT REVIEWER

- This document contains no unresolved company policy issue.
- WHC logotype is used correctly.

WHC AND RL TECHNICAL PROGRAM REVIEWER

Document reviewed for [and indicated on the front of the form] the presence of the following:

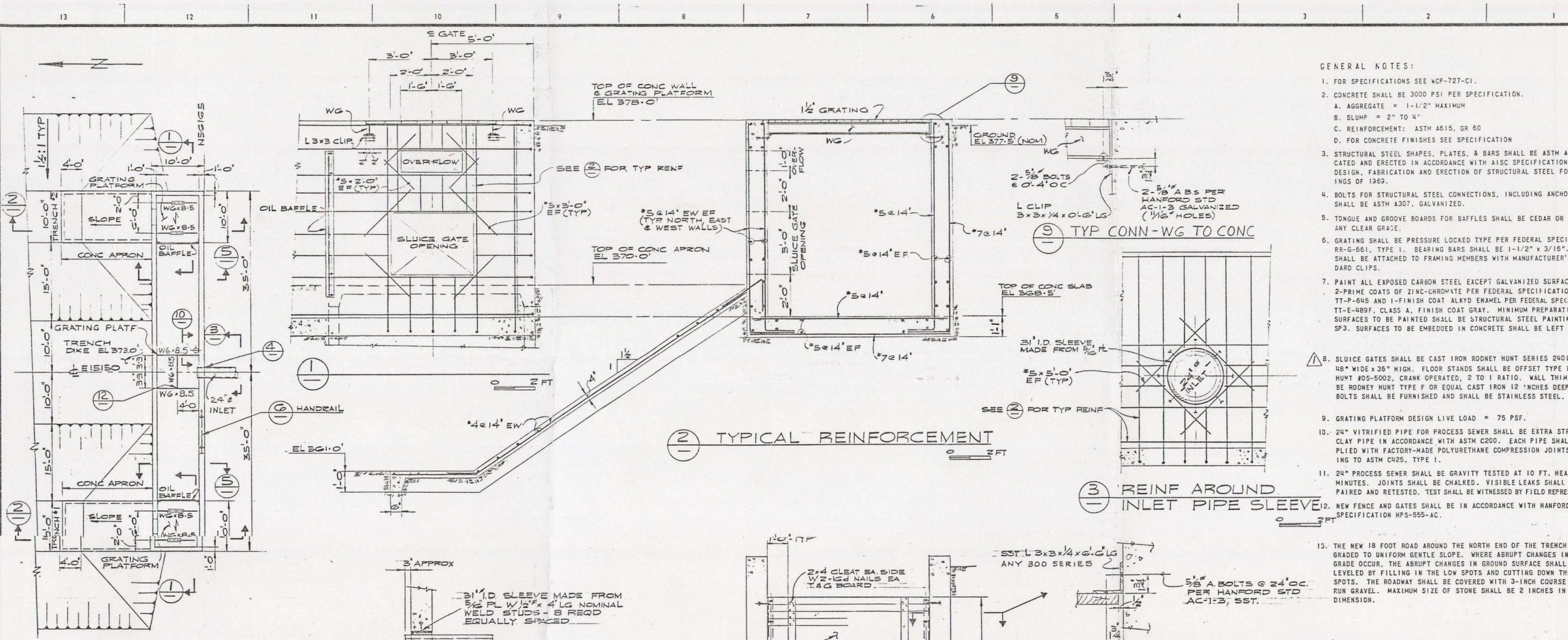
- Applied Technology information
- Limited Disclosure information (foreign exchange)
- Distribution list discussed with the client
- Others who should review this document before release indicated in the comment section of this form.

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- Structure and format of the document are appropriate for the subject matter and comply with company standards.
- Restrictive legends, markings, and notices are affixed as appropriate.
- Required elements are included, such as disclaimer, cover, distribution list, approvals, etc.

INFORMATION RELEASE ADMINISTRATION

- All reviews are complete and this publication or presentation is approved for release (after resolution of mandatory comments).



- GENERAL NOTES:**
- FOR SPECIFICATIONS SEE WCP-727-C1.
 - CONCRETE SHALL BE 3000 PSI PER SPECIFICATION.
 - A. AGGREGATE = 1-1/2" MAXIMUM
 - B. SLUMP = 2" TO 4"
 - C. REINFORCEMENT: ASTM A615, GR 60
 - D. FOR CONCRETE FINISHES SEE SPECIFICATION
 - STRUCTURAL STEEL SHAPES, PLATES, & BARS SHALL BE ASTM A36 FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS OF 1969.
 - BOLTS FOR STRUCTURAL STEEL CONNECTIONS, INCLUDING ANCHOR BOLTS, SHALL BE ASTM A307, GALVANIZED.
 - TONGUE AND GROOVE BOARDS FOR BAFFLES SHALL BE CEDAR OR REDWOOD, ANY CLEAR GRADE.
 - GRATING SHALL BE PRESSURE LOCKED TYPE PER FEDERAL SPECIFICATION RR-6-661, TYPE 1. BEARING BARS SHALL BE 1-1/2" x 3/16". GRATING SHALL BE ATTACHED TO FRAMING MEMBERS WITH MANUFACTURER'S STANDARD CLIPS.
 - PAINT ALL EXPOSED CARBON STEEL EXCEPT GALVANIZED SURFACES WITH 2-PRIME COATS OF ZINC-CHROMATE PER FEDERAL SPECIFICATION TT-P-645 AND 1-FINISH COAT ALKYL ENAMEL PER FEDERAL SPECIFICATION TT-E-489F, CLASS A, FINISH COAT GRAY. MINIMUM PREPARATION FOR SURFACES TO BE PAINTED SHALL BE STRUCTURAL STEEL PAINTING COUNCIL SP.3. SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE UNPAINTED.
 - SLUICE GATES SHALL BE CAST IRON RODNEY HUNT SERIES 240L OR EQUAL 48" WIDE x 36" HIGH. FLOOR STANDS SHALL BE OFFSET TYPE RODNEY HUNT 405-5002, CRANK OPERATED, 2 TO 1 RATIO. WALL THIMBLE SHALL BE RODNEY HUNT TYPE F OR EQUAL CAST IRON 12" INCHES DEEP. ANCHOR BOLTS SHALL BE FURNISHED AND SHALL BE STAINLESS STEEL.
 - GRATING PLATFORM DESIGN LIVE LOAD = 75 PSF.
 - 24" VITRIFIED PIPE FOR PROCESS SEWER SHALL BE EXTRA STRENGTH CLAY PIPE IN ACCORDANCE WITH ASTM C200. EACH PIPE SHALL BE SUPPLIED WITH FACTORY-MADE POLYURETHANE COMPRESSION JOINTS CONFORMING TO ASTM C425, TYPE 1.
 - 24" PROCESS SEWER SHALL BE GRAVITY TESTED AT 10 FT. HEAD FOR 30 MINUTES. JOINTS SHALL BE CHALKED. VISIBLE LEAKS SHALL BE REPAIRED AND RETESTED. TEST SHALL BE WITNESSED BY FIELD REPRESENTATIVE.
 - NEW FENCE AND GATES SHALL BE IN ACCORDANCE WITH HANFORD STANDARD SPECIFICATION HPS-555-AC.
 - THE NEW 18 FOOT ROAD AROUND THE NORTH END OF THE TRENCH SHALL BE GRADED TO UNIFORM GENTLE SLOPE. WHERE ABRUPT CHANGES IN NATURAL GRADE OCCUR, THE ABRUPT CHANGES IN GROUND SURFACE SHALL BE LEVELLED BY FILLING IN THE LOW SPOTS AND CUTTING DOWN THE HIGH SPOTS. THE ROADWAY SHALL BE COVERED WITH 3-INCH COURSE OF PIT-RUN GRAVEL. MAXIMUM SIZE OF STONE SHALL BE 2 INCHES IN GREATEST DIMENSION.

PLAN OUTLET STRUCTURE

4 INLET PIPE & SLEEVE

5 OIL BAFFLE

HANDRAIL PER HANFORD STD AC-2-2 BASE TYPE F PER AC-2-2a (TOE BOARD REQD ON 2 SIDES)

HANDRAIL TOE BOARD DELETED AND TOP HANDRAIL HINGED TO PERMIT OPERATION OF SLUICE GATE HOIST CRANK THIS AREA.

HANDRAIL PER HANFORD STD AC-2-2 BASE TYPE F PER AC-2-2a (TOE BOARD REQD ON 2 SIDES)

HANDRAIL TOE BOARD DELETED AND TOP HANDRAIL HINGED TO PERMIT OPERATION OF SLUICE GATE HOIST CRANK THIS AREA.

HANDRAIL PER HANFORD STD AC-2-2 BASE TYPE F PER AC-2-2a (TOE BOARD REQD ON 2 SIDES)

HANDRAIL TOE BOARD DELETED AND TOP HANDRAIL HINGED TO PERMIT OPERATION OF SLUICE GATE HOIST CRANK THIS AREA.

6 HANDRAIL PLAN

NO.	DATE	BY	DESCRIPTION
H-3-33841	11/17/74	AW	SAMPLER STATION - INST
AC-2-2			HANFORD STANDARD HANDRAIL
AC-2-2a			HANFORD STANDARD HR BASES
AC-1-3			HANFORD STANDARD ANCHOR BOLTS
WCP-727-C1			SPECIFICATIONS
H-3-33841			PLOT PLAN

NO.	DATE	BY	DESCRIPTION
3	11/17/74	AW	CHANGED DRAWING TITLE & BUILDING NUMBER
2	11/17/74	AW	CHECKED FOR AS-BUILT & ADD NOTE, ZN. A-13, C-13 & ADD NOTE, ZN. B-11
1	11/17/74	AW	REVISED NOTE #8

U. S. ATOMIC ENERGY COMMISSION	PROJECT NO. H-3-33841
RICHLAND OPERATIONS OFFICE	PROJECT TITLE 338 AREA LIQUID WASTE DISPOSAL
AUTOMATION INDUSTRIES, INC.	SCALE 3/8" = 1'-0"
VITRO ENGINEERING DIVISION	DATE 11/17/74
	PROJECT NO. 338 AREA LIQUID WASTE DISPOSAL
	SCALE 3/8" = 1'-0"
	DATE 11/17/74
	PROJECT NO. 338 AREA LIQUID WASTE DISPOSAL
	SCALE 3/8" = 1'-0"
	DATE 11/17/74
	PROJECT NO. 338 AREA LIQUID WASTE DISPOSAL
	SCALE 3/8" = 1'-0"
	DATE 11/17/74

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