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9513339.1206

0040561



Mr. John Grantham
State of Washington
Department of Ecology
Nuclear & Mixed Waste Program
P. O. Box 47600
Olympia, WA 98504-7600

FLUOR DANIEL, INC.

Date: October 26, 1993

Reference: Hanford Waste Vitrification Plant
DOE Contract DE-AC06-86RL10838
Fluor Contract 8457

Transmittal No.: WDOE-692

Dear Mr. Grantham:

TRANSMITTAL

We enclose 2 copy of the items listed below. These are issued per US-DOE request.

Response due to Fluor: N/A
Responds to: A160 PACKAGE

NUMBER	REV	DATE	TITLE
DCN - #0128	0	10/26/93	CHANGE FWX AND RWX VALVE AND FIRE HYDRANT NUMBER DESIGNATIONS AND INCORPORATE WHC A160 MECHANICAL SITE UTILITIES REV. 6 COMMENTS. "APPROVED FOR CONSTRUCTION"

Reference: FRP-1262, FUP-693
Distribution:
R. L. Long: DOE-RL, w/0
TWP/AME Corresp Cntrl Cntr, MSIN A5-10
(A160 PACKAGE), w/0
P. Felise, WHC-RL (MSIN G6-06), w/1
Environmental Data Management Center
(MSIN H6-08), w/1
D. Duncan, US EPA, Region X, w/0

Very truly yours,

R.S. Poulter
R.S. Poulter
Project Director

RSP::BRE:jjjs



 FLUOR DANIEL US DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT DESIGN CHANGE NOTICE	DCN - 0128	REV 0	PAGE 1 OF
	DCN TITLE Change FWX and RWX valve and fire hydrant number designations and incorporate WHC A160 Mechanical Site Utilities Rev. 6 comments.		DATE INITIATED
			10/12/93
			PACKAGE NO. CWBS-A160

SECTION 1: DESCRIPTION OF CHANGE

Revise and renumber valves as part of design development and mitigation of design issues affecting A160-AFC package. This DCN also incorporates WHC Water Purveyor comments 6, 8, 12, 13 and 15 from "A160 Mechanical Site Utilities review of Rev. 6 design media prior to signing water tie-in permits" dated July 29, 1993. **INCLUDED IS THE PLACEMENT OF A HOLD (HWVP-FD-433) ON THE RWX SYSTEM CONNECTION AT "B" PLANT.**

CAUSE OF CHANGE:

- Field Change Request
- Supplier Disposition
- Deficiency Report
- Design Development
- Change Request
- TBD/Hold
- Other _____

CR-HWVP-917R1
HWVP-FD-433
 Initiating Document(s)

FOR LIST OF AFFECTED DOCUMENTS, SEE SECTIONS 6 AND 7.

SECTION 2: EVALUATION

	IF "YES", ADDITIONAL REVIEW REQUIRED BY:	REVIEWER COMMENTS AND SIGNATURE/DATE
WAPA DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
QUALITY LEVEL 1 DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
SAFETY CLASS 1 OR 2 DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
SYSTEMS ANALYSES AFFECTED? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
MULTI-DISCIPLINE CHANGE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
DCN Evaluated by: Systems <u>Thompson</u> 10/20/93 ADM <u>[Signature]</u> 10/20/93 Others _____		

SECTION 3: APPROVED FOR CONSTRUCTION

[Signature] 10/20/93 Date
M. H. Katherston 10/21/93 Date
 Project/Resident Engineer

SECTION 4: CONCURRENCE

Project Management _____ Date

Systems _____ Date

Independent Safety _____ Date

Quality Assurance _____ Date

Configuration Management _____ Date

SECTION 5: RELEASED FOR CONSTRUCTION

PE STAMP REQUIRED? NO YES

WHC _____ Date

UCAT _____ Date

DOE _____ Date

COMMENTS:



FLUOR DANIEL

US DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DCN - 0128

REV	DISCIPLINE	PKG. NO.	PAGE
0	Civil	A160	2

PREPARED BY: P. McCaughey

Date: 10/12/93

DESIGN CHANGE NOTICE

DISCIPLINE ENGINEER: Ali Pakzad

Date: 10/12/93

SECTION 6: CONSTRUCTION DOCUMENTS AFFECTED

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	INCLD Y/N	DESCRIPTION OF CHANGE
H-2-117152	1	4	Civil, Underground Utility Plan	N	Change valve numbers (see Page 3)
H-2-117154	1	4	Civil, Underground Utility Plan	N	Change valve/hydrant numbers (see Page 3)
H-2-117159	1	4	Civil, Underground Utility Plan	N	Change valve numbers (see Page 3)
H-2-117161	1	2	Civil, Underground Utilities Sections & Details	N	Change P&ID designation on Detail 6 (see Page 3)
H-2-117163	1	1	Civil, Underground Utilities Sections & Details	N	Add note to Detail 17 (see Page 3)
H-2-117156	1	4	CIVIL, UNDERGROUND UTILITY PLAN	Y	CONSTRUCT CONCRETE ENCASUREMENTS PER WHC COMMENT NO. 8.
H-2-117160	1	4	CIVIL, UNDERGROUND UTILITY PLAN	Y	HOLD (HWVP-FD-433) RWX-12" SDO-DOB-RF CONNECTION TO EXIST. "B" PLANT 10" RWX LINE PER WHC COMMENT NO. 13.
H-2-117162	1	2	CIVIL, UNDERGROUND UTILITIES SECTIONS & DETAILS	Y	HOLD (HWVP-FD-433) RWX CONNECTION TO EXIST. "B" PLANT 10" RWX LINE PER WHC COMMENT NO. 13.

SECTION 7: NON-CONSTRUCTION DOCUMENTS AFFECTED

This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	DESCRIPTION OF CHANGE

9513339.1209

 FLUOR DANIEL US DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT DESIGN CHANGE NOTICE	DCN - 0128	REV 0	DISCIPLINE Civil	PKG. NO. A160	PAGE 3
	PREPARED BY: P. McCaughey		Date:		
	DISCIPLINE ENGINEER: Ali Pakzad		Date: 10/12/93		

A. Valve Number Changes

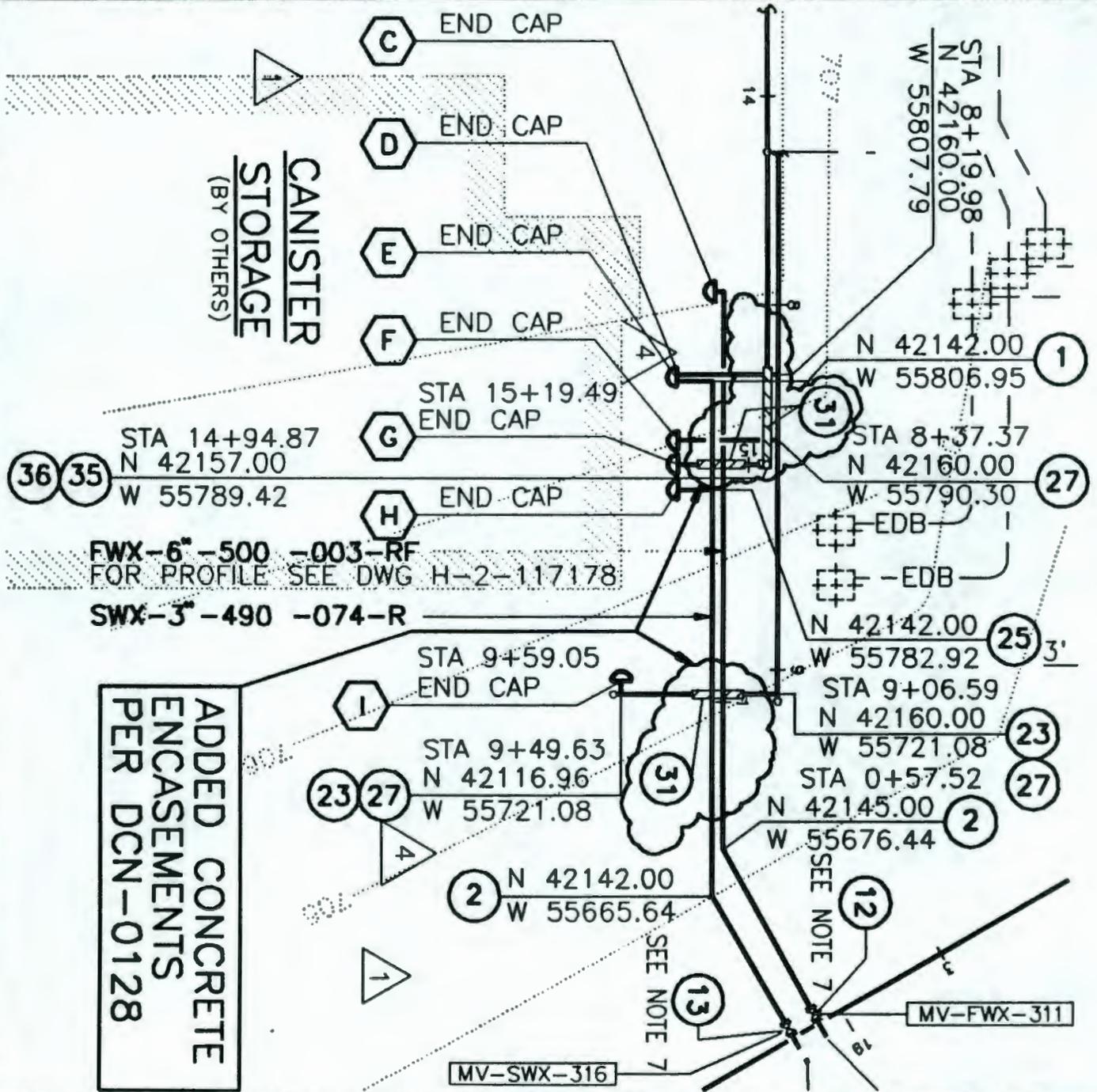
DRAWING NO.	ZONE	OLD VALVE/ HYDRANT NUMBER	NEW VALVE/ HYDRANT NUMBER
H-2-117152	A5	MV-FWX-072	MV-FWX-099
H-2-117152	A7	MV-RWX-074	MV-RWX-031
H-2-117152	A7	MV-RWX-052	MV-RWX-013
H-2-117154	B3	MV-FWX-121	MV-FWX-131
H-2-117154	B5	MV-FWX-161	MV-FWX-171
H-2-117154	C5	MV-FWX-141	MV-FWX-151
H-2-117154	C5	MV-FWX-113	MV-FWX-168
H-2-117154	C6	MV-FWX-171	MV-FWX-181
H-2-117154	D6	HY-FWX-114	HY-FWX-118
H-2-117154	C6	MV-FWX-114	MV-FWX-188
H-2-117154	C6	HY-FWX-115	HY-FWX-189
H-2-117154	C6	MV-FWX-115	MV-FWX-189
H-2-117154	B3	MV-FWX-112	MV-FWX-129
H-2-117154	F4	MV-FWX-082	MV-FWX-092
H-2-117154	F4	HY-FWX-082	HY-FWX-092
H-2-117159*	B3	MV-RWX-010	MV-SWX-010

*WHC Comment 12

- B. Drawing No. H-2-117161, Detail 6 (Zone B7), change P&ID designation of Line No. FWX-8"-500-058-RF to read FWX-8"-500-098-RF.
- C. Drawing No. H-2-117163, Detail 17 (Zone D2, 3 and 4), add the following note (WHC Comment 6 and 15):

"At all flange connections, concrete anchor blocks shall not interfere with the removal and replacement of flange bolts and nuts."

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FLUOR DANIEL U.S. DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DESCRIPTION OF CHANGE:
CONSTRUCT CONCRETE ENCASEMENTS PER "WHC COMMENT NO. 8"

DESIGN CHANGE NOTICE

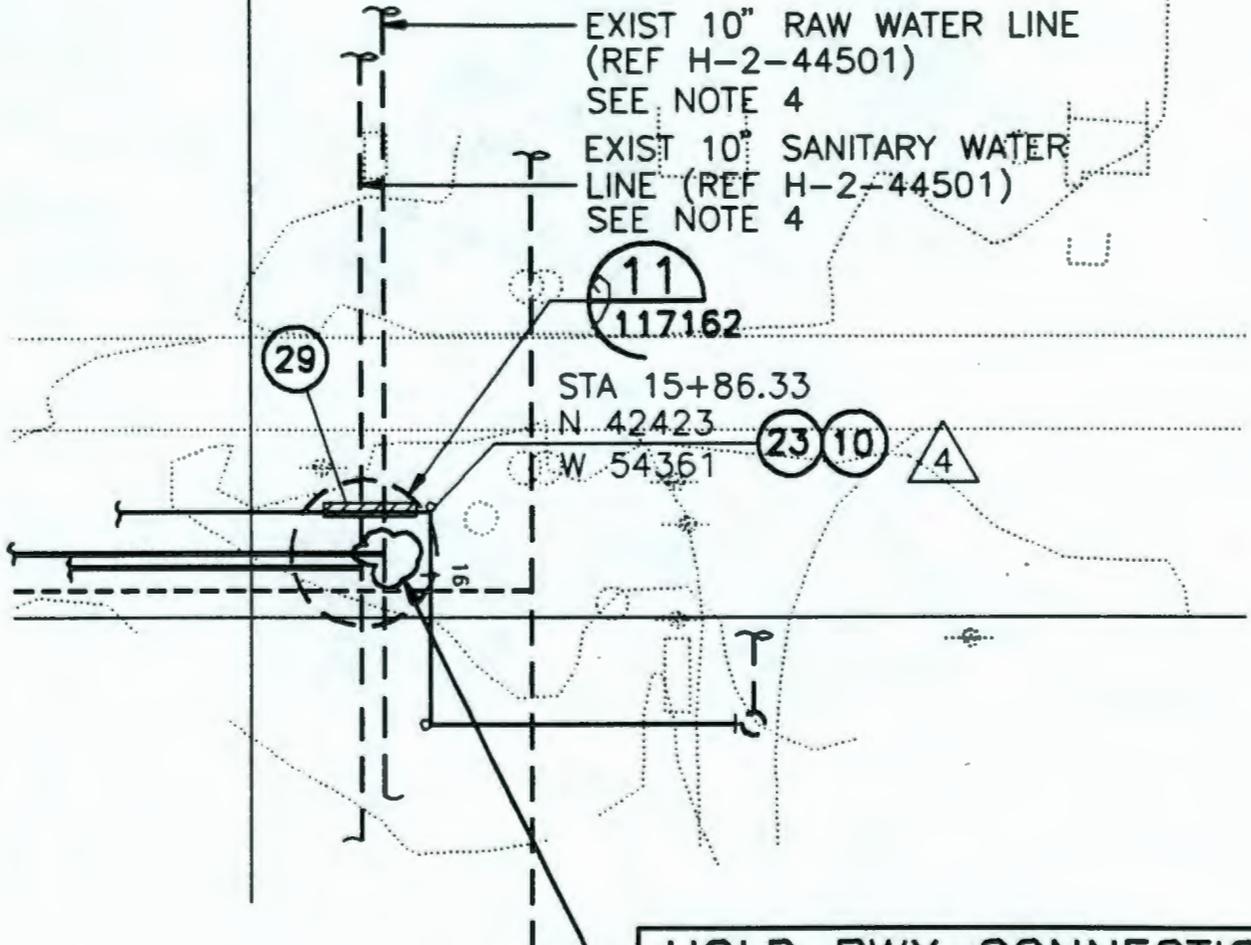
BASE DOC. NO. H-2-117156
SHT./PG. 1 REV. 4
CR NO. CR-HWVP-0917R1

DISCIPLINE: CIVIL CADFILE: 0117156A

PREPARED BY: L. BERRY
DISCIPLINE ENGINEER: R. Campbell
DATE: 10-20-93
DATE: 12/20/93

DCN - 0128 REV. 0 PAGE 4

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**HOLD RWX CONNECTION
PER HWVP-FD-433
SEE DCN PAGE 6 FOR
HOLD LIMITS**

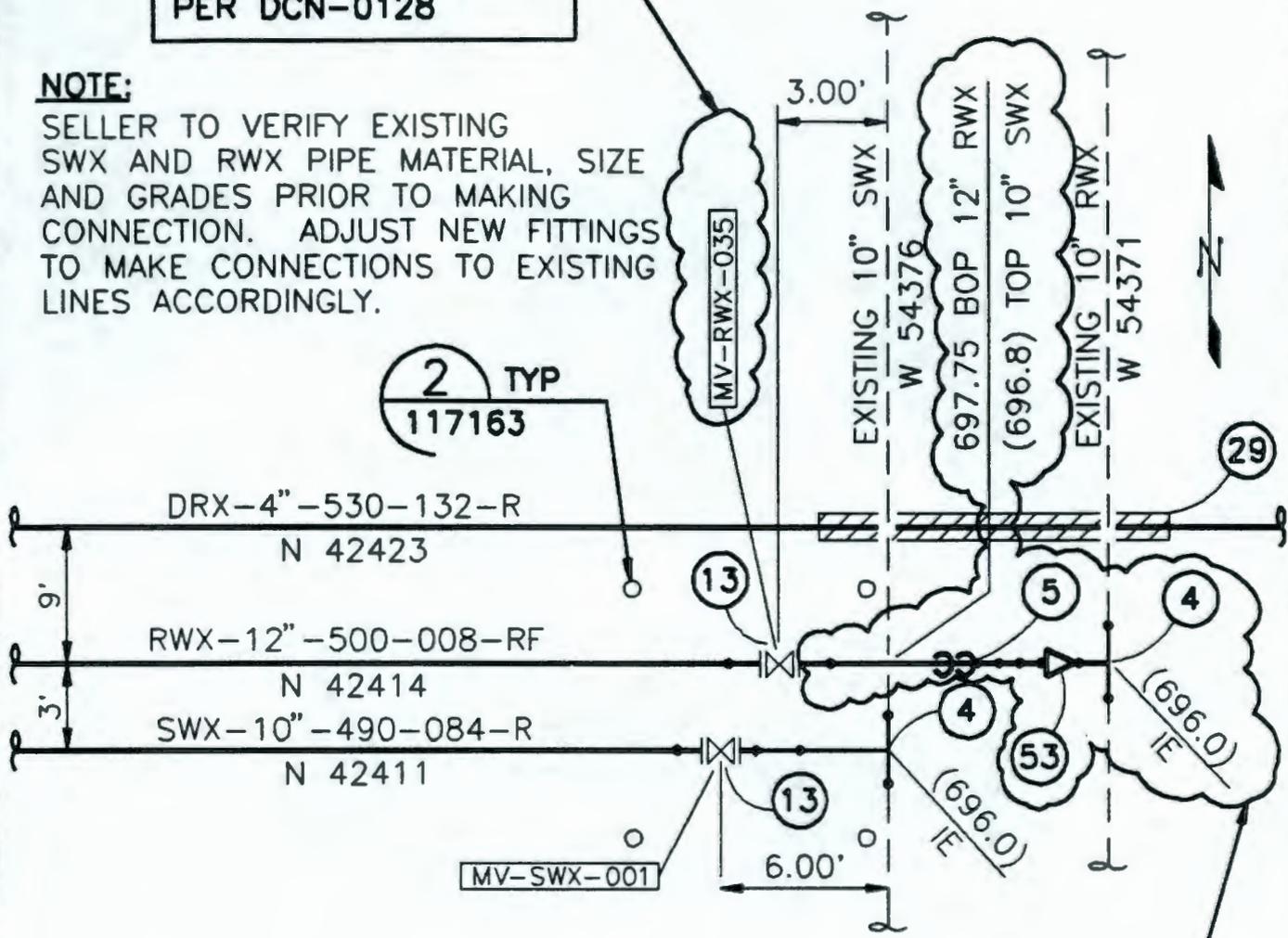
FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
DESCRIPTION OF CHANGE: HOLD RWX CONNECTION TO EXISTING B-PLANT 10" RWX LINE PER "WHC COMMENT NO. 13"				BASE DOC. NO. H-2-117160 SHT/PG. 1 REV. 4 CR NO. CR-HWVP-0917R1	
PREPARED BY: L. BERRY		DATE: 10-20-93		DISCIPLINE: CIVIL CADFILE: B117160A	
DISCIPLINE ENGINEER: <i>John R. C...</i>		DATE: 10/20/92		DCN - 0128 REV. 0 PAGE 5	

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**UPDATE VALVE NUMBER
PER DCN-0128**

NOTE:

SELLER TO VERIFY EXISTING SWX AND RWX PIPE MATERIAL, SIZE AND GRADES PRIOR TO MAKING CONNECTION. ADJUST NEW FITTINGS TO MAKE CONNECTIONS TO EXISTING LINES ACCORDINGLY.



2 TYP
117163

DETAIL

SCALE: NONE

11
117160

HOLD (HWVP-FD-433) CONSTRUCTION OF RWX-12"-500-008-RF BETWEEN FACE OF FLANGE (MV-RWX-035) & CONNECTION TO EXISTING B-PLANT 10" RWX LINE PER DCN-0128

FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
DESCRIPTION OF CHANGE: HOLD RWX CONNECTION TO EXISTING B-PLANT 10" RWX LINE PER "WHC COMMENT NO. 13"				BASE DOC. NO. H-2-117162 SHT/PG. 1 REV. 2 CR NO. CR-HWVP-0917R1 DISCIPLINE: CIVIL CADFILE: B117162A	
PREPARED BY: L. BERRY	DATE: 10-20-93	DCN - 0128		REV. 0	PAGE 6
DISCIPLINE ENGINEER: <i>Bernard R. Ciambini</i>	DATE: 10/20/93				