

START

9513358.0692

0040916



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: May 12, 1994

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

Transmittal No.: WDOE-923

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 - #0189	0	05/12/94	DCN TITLE: HWMA WATER SUPPLY "APPROVED FOR CONSTRUCTION"

Reference: FRP-1440, FUP-858
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
M.D. Talbot, WHC -w/0

Very truly yours,
Nazy Eshraghi For/

R.S. Poulter
Project Director

RSP:BRE:nre





FLUOR DANIEL

US DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DESIGN CHANGE NOTICE

9513358.0693

DCN - 0189

REV 0

PAGE 1 OF 5

DCN TITLE

HWMA WATER
SUPPLY

DATE INITIATED

5/11/94

PACKAGE NO.

A160

SECTION 1: DESCRIPTION OF CHANGE

THIS DCN PROVIDES A NEW TEE AND VALVE IN PIPELINE FWX-6"-056. IT ALSO RELOCATES AND REVISES THE VALVE NUMBER OF EXISTING VALVE MV-FWX-056 TO MV-FWX-056-1. THE PURPOSE OF THESE CHANGES IS TO PROVIDE A CONNECTION POINT FOR A FUTURE WATER SUPPLY LINE TO THE SAFETY SHOWER LOCATED IN THE HAZARDOUS WASTE MATERIALS ACCUMULATION (HWMA) FACILITY.

CAUSE OF CHANGE:

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

Initiating Document(s)

ICR-0360A, FRR-00946A

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

SECTION 2: EVALUATION

- WAPA DWG/SPEC? NO YES
- QUALITY LEVEL I DWG/SPEC? NO YES
- SAFETY CLASS 1 OR 2 DWG/SPEC? NO YES
- SYSTEMS ANALYSES AFFECTED? NO YES
- MULTI-DISCIPLINE CHANGE? NO YES

IF "YES", ADDITIONAL
REVIEW REQUIRED BY:

REVIEWER COMMENTS
AND SIGNATURE/DATE

DCN Evaluated by: Systems W. Savage 5/12/94 ADM J. Close Others _____

SECTION 3: APPROVED FOR CONSTRUCTION

Don R. Cisneros 5/12/94 Date J. Close for RT Bedell Project/Resident Engineer 5/12/94 Date

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 9513358.0694
 US DEPARTMENT OF ENERGY
 HANFORD WASTE VITRIFICATION PLANT

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REV

0

DISCIPLINE

CIVIL

PKG. NO.

A160

PAGE

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PREPARED BY: *Dennis R. Motter* Date: 5/12/94

DISCIPLINE ENGINEER: *R. E. ...* Date: 5/12/94

DESIGN CHANGE NOTICE

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	Y	PROVIDE NEW TEE AND VALVE, MV-FWX-056-2, IN PIPELINE FWX-6"-056 (ZONE F4) AND RELOCATE VALVE MV-FWX-056 FROM DWG H-2-117153 AND RENUMBER TO MV-FWX-056-1
H-2-117153	1	5	CIVIL, UNDERGROUND UTILITY PLAN	Y	RELOCATE VALVE MV-FWX-056 (ZONE F8) TO DWG H-2-117152
H-2-117177	1	3	CIVIL, SWX, FWX, AND DRX PIPE PROFILES	Y	PROVIDE NEW TEE AND RELOCATED PIV VALVE IN PROFILE FWX-6"-056

SECTION 7: NON-CONSTRUCTION DOCUMENTS AFFECTED

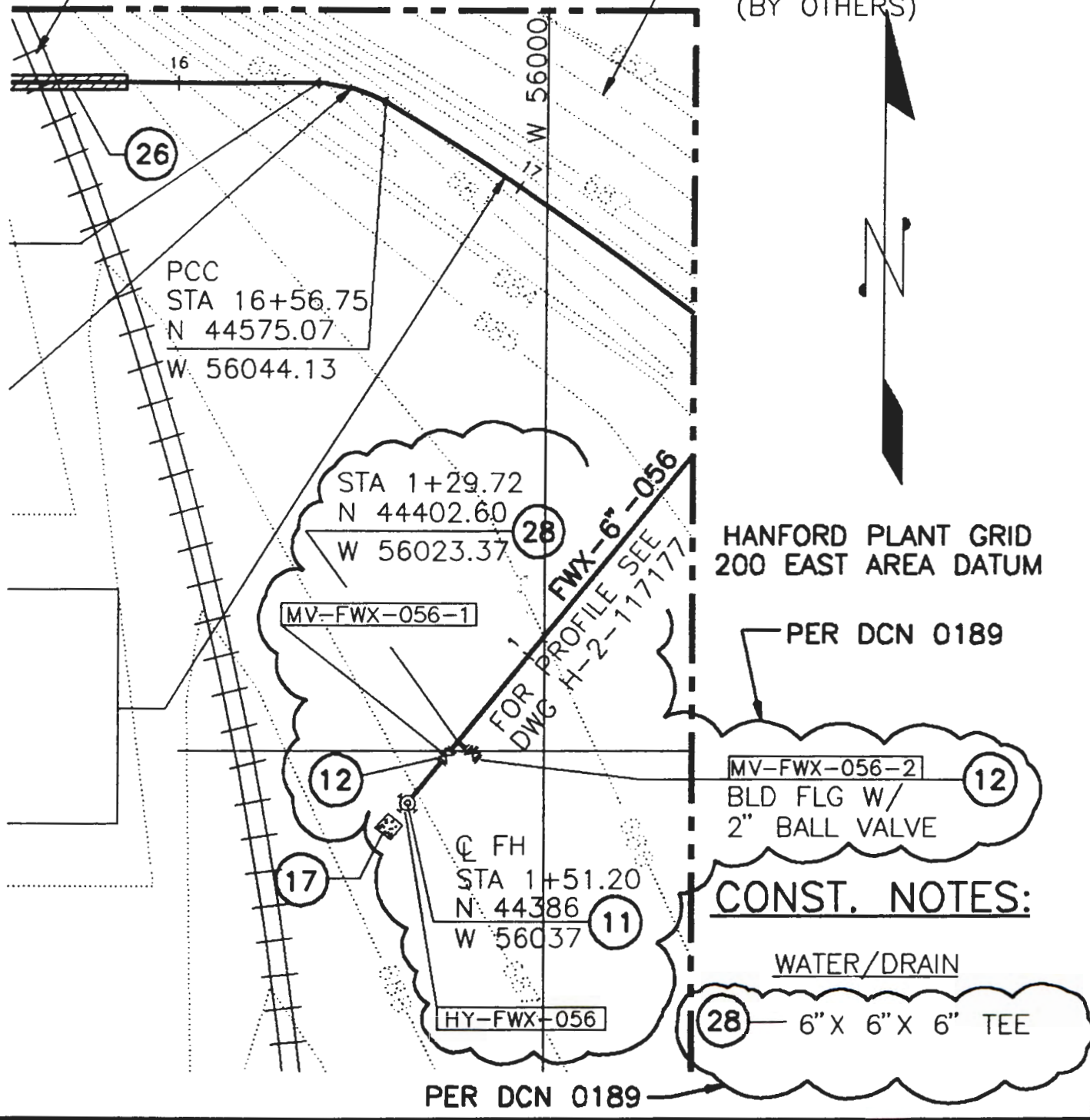
This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	DESCRIPTION OF CHANGE
H-2-123358	1	10	P&ID, SYSTEM 50, RAW WATER AND FIREWATER SYSTEMS	ADDED VALVE MV-FWX-056-2 AND REVISED VALVE NUMBER MV-FWX-056 TO MV-FWX-056-1 ON LINE FWX-6"-056

9513358 0695

NEW RAILROAD SPUR
 CWBS-A180
 H-2-117083 (BY OTHERS)

CL PATROL ROAD "A"
 CWBS-A130
 H-2-117019
 (BY OTHERS)



HANFORD PLANT GRID
 200 EAST AREA DATUM

PER DCN 0189

MV-FWX-056-2 (12)
 BLD FLG W/
 2" BALL VALVE

CONST. NOTES:

WATER/DRAIN

(28) — 6" X 6" X 6" TEE

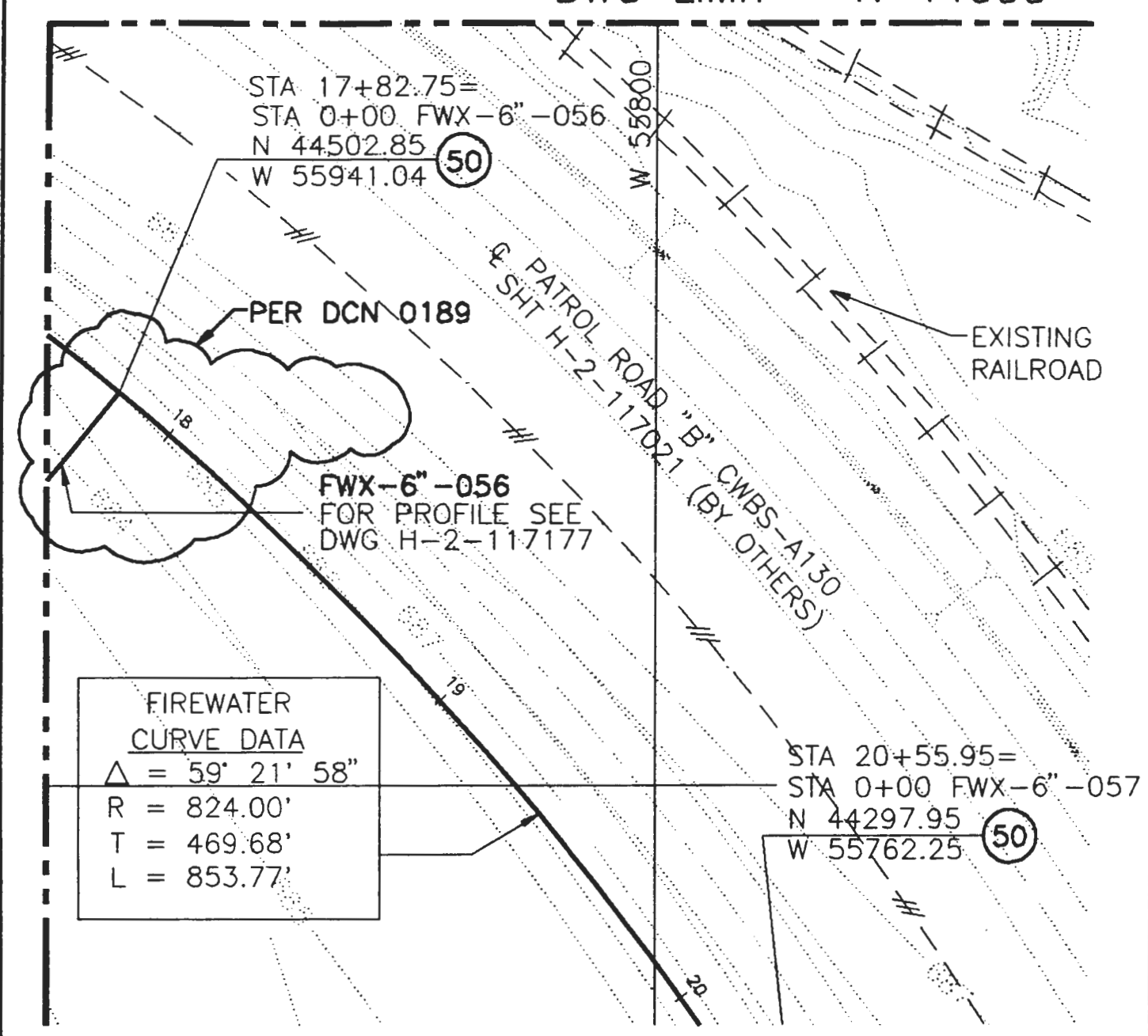
PER DCN 0189

FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
DESCRIPTION OF CHANGE: HWMA WATER SUPPLY				BASE DOC. NO. H-2-117152 SHT/PG. 1 REV. 4 CR NO. N/A DISCIPLINE: CIVIL CADFILE:	
PREPARED BY: <i>Dennis M. ...</i>		DATE: 5/12/94		REV. 0 PAGE 3	
DISCIPLINE ENGINEER: <i>...</i>		DATE: 5/12/94		DCN - 0189	

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DWG LIMIT

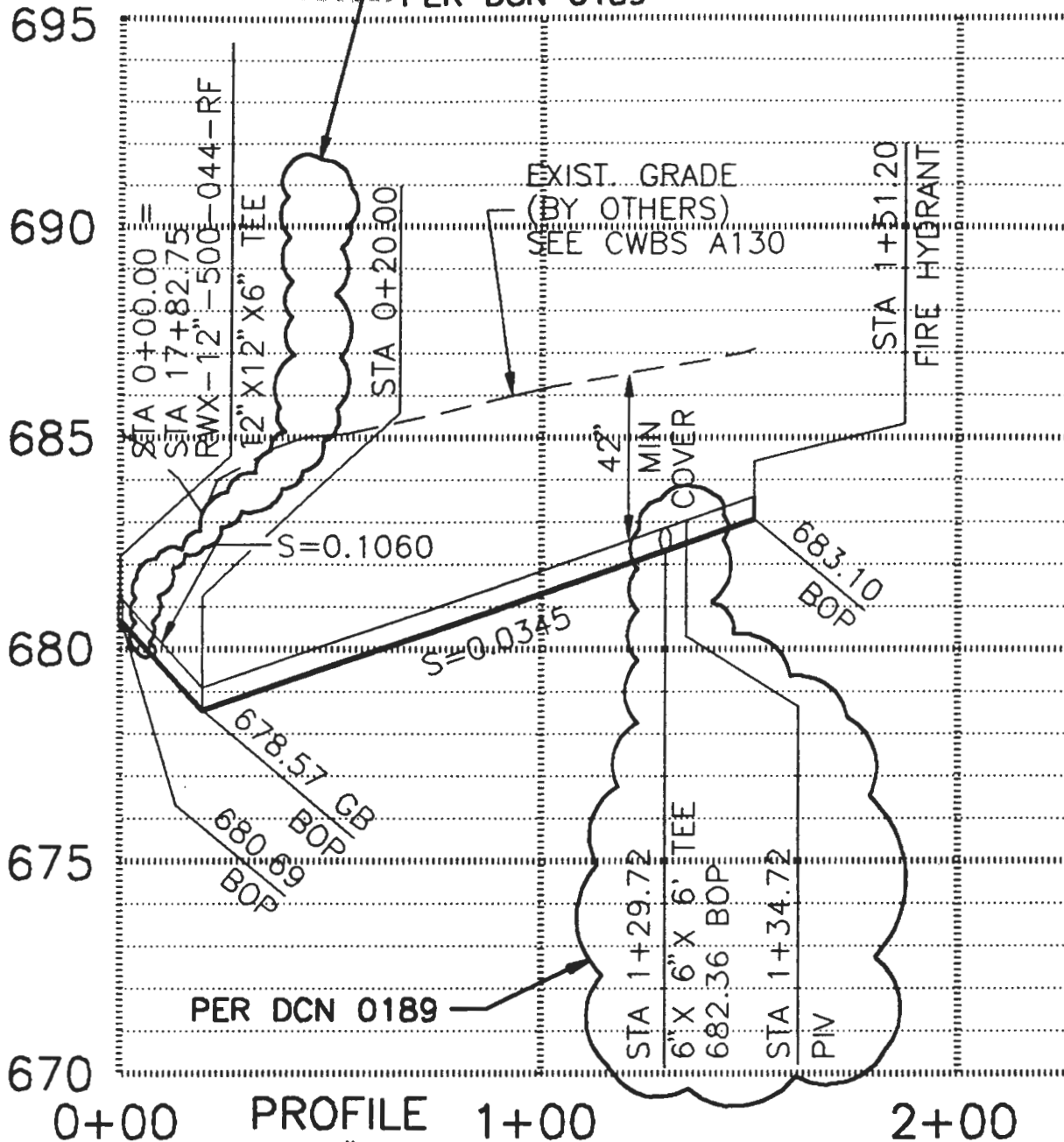
N 44600



FIREWATER CURVE DATA	
Δ	= 59° 21' 58"
R	= 824.00'
T	= 469.68'
L	= 853.77'

FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
DESCRIPTION OF CHANGE: HWMA WATER SUPPLY				BASE DOC. NO. H-2-117153 SHT/PG. 1 REV. 5 CR NO. N/A DISCIPLINE: CIVIL CADFILE:	
PREPARED BY: <i>Donald M. Moore</i> DISCIPLINE ENGINEER: <i>Frank R. Cimber</i>	DATE: 5/12/94 DATE: 5/12/94	DCN - 0189		REV. 0	PAGE 4

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0+00 PROFILE 1+00 2+00

FWX-6"-056
 HORIZ. 1"=40'
 VERT. 1"=4'

FOR PLAN SEE DWG H-2-117153 ← → FOR PLAN SEE DWG H-2-117152

FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
DESCRIPTION OF CHANGE: HWMA WATER SUPPLY				BASE DOC. NO. H-2-117177 SHT/PG. 1 REV. 3 CR NO. N/A DISCIPLINE: CIVIL CADFILE:	
PREPARED BY: <i>Joseph M. ...</i>		DATE: 5/12/94		DCN - 0189	REV. 0
DISCIPLINE ENGINEER: <i>... R. ...</i>		DATE: 5/12/94			