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0040926



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: June 30, 1994

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

Transmittal No.: WDOE-958

Dear Mr. Grantham:

TRANSMITTAL

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

Approval Reference Review and Comment DCN-RFC

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

NUMBER	REV	DATE	TITLE
DCN - 0189	0	06/27/94	DCN TITLE: HWMA WATER SUPPLY "RELEASED FOR CONSTRUCTION"

Reference: FRP-1463, FUP-881

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 Esrahgi, P. 1/1

R.S. Poulter
Project Director

RSP:BRE:fps



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 FLUOR DANIEL US DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT DESIGN CHANGE NOTICE	DCN - 0189	REV 0	PAGE 1 OF 5
	DCN TITLE	DATE INITIATED 5/11/94	
	HWMA WATER SUPPLY	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

	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 I 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 <i>Savage 5/12/94</i> ADM <i>Close</i> Others _____		

SECTION 3: APPROVED FOR CONSTRUCTION

Originator: *Don R. Cissel* Date: *5/12/94* Project/Resident Engineer: *P. Close for RT Bedell* Date: *5/12/94*

SECTION 4: CONCURRENCE

P. Bedell 6/6/94 Date
 Project Management
James E. Savage 6-8-94 Date
 Systems
Jim Martin 6-13-94 Date
 Independent Safety for J. Keily
James E. Savage 6-9-94 Date
 Quality Assurance
Francis Stokes 6-7-94 Date
 Configuration Management

SECTION 5: RELEASED FOR CONSTRUCTION

PE STAMP REQUIRED? NO YES
P. Bedell 6/23/94 Date
 WHO
James E. Savage 6-22-94 Date
 UCAT
James E. Savage 27 JUN 94 Date
 DOE

COMMENTS:

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FLUOR DANIEL

US DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DESIGN CHANGE NOTICE

DCN - 0189	REV 0	DISCIPLINE CIVIL	PKG. NO. A160	PAGE 2
PREPARED BY: <i>Dennis R. Matus</i>		Date: 5/12/94		
DISCIPLINE ENGINEER: <i>R. E. ...</i>		Date: 5/12/94		

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

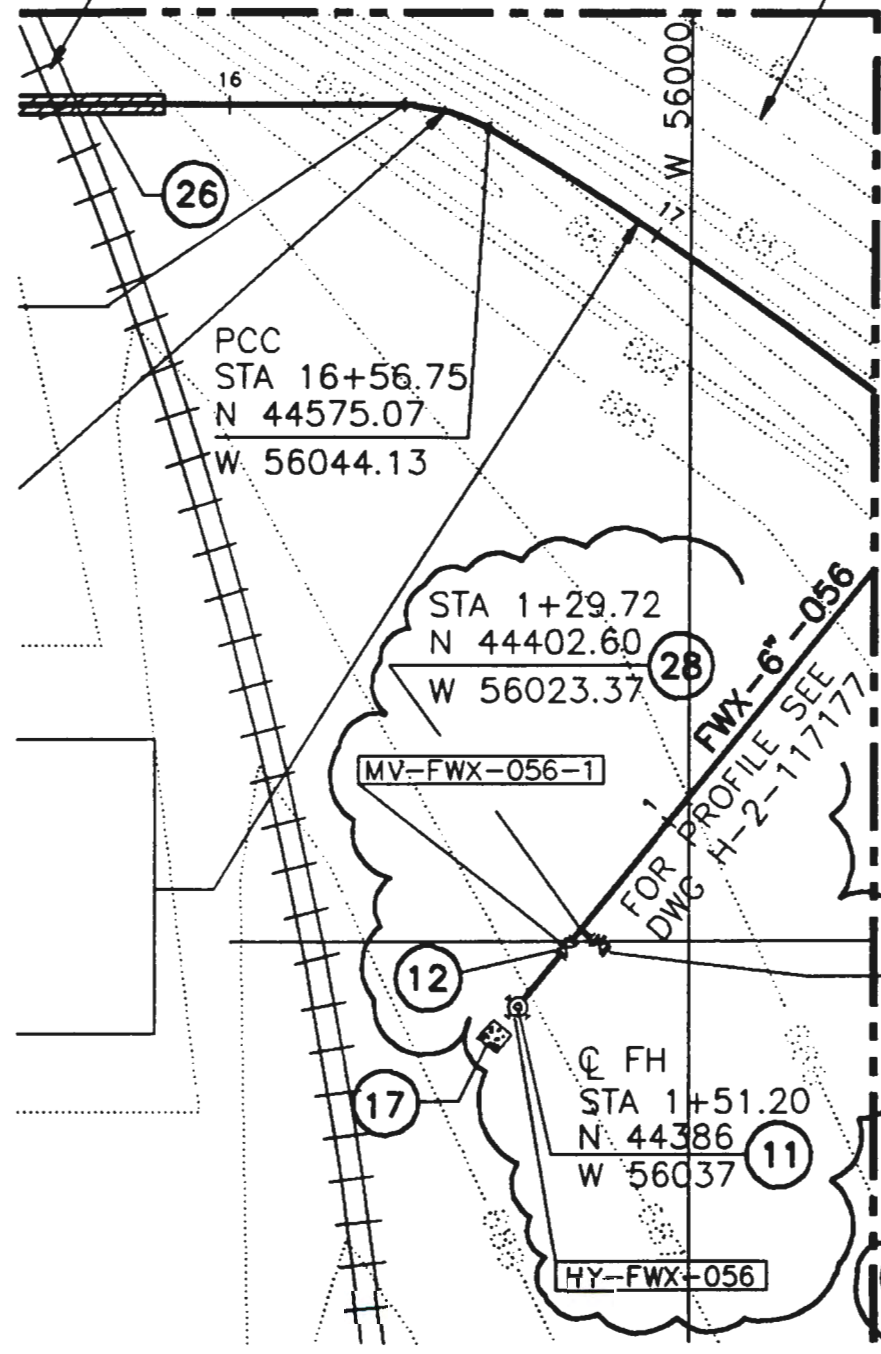
This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.

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

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

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



PCC
STA 16+56.75
N 44575.07
W 56044.13

STA 1+29.72
N 44402.60
W 56023.37

CL FH
STA 1+51.20
N 44386
W 56037

HANFORD PLANT GRID
200 EAST AREA DATUM

PER DCN 0189

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

CONST. NOTES:

WATER/DRAIN

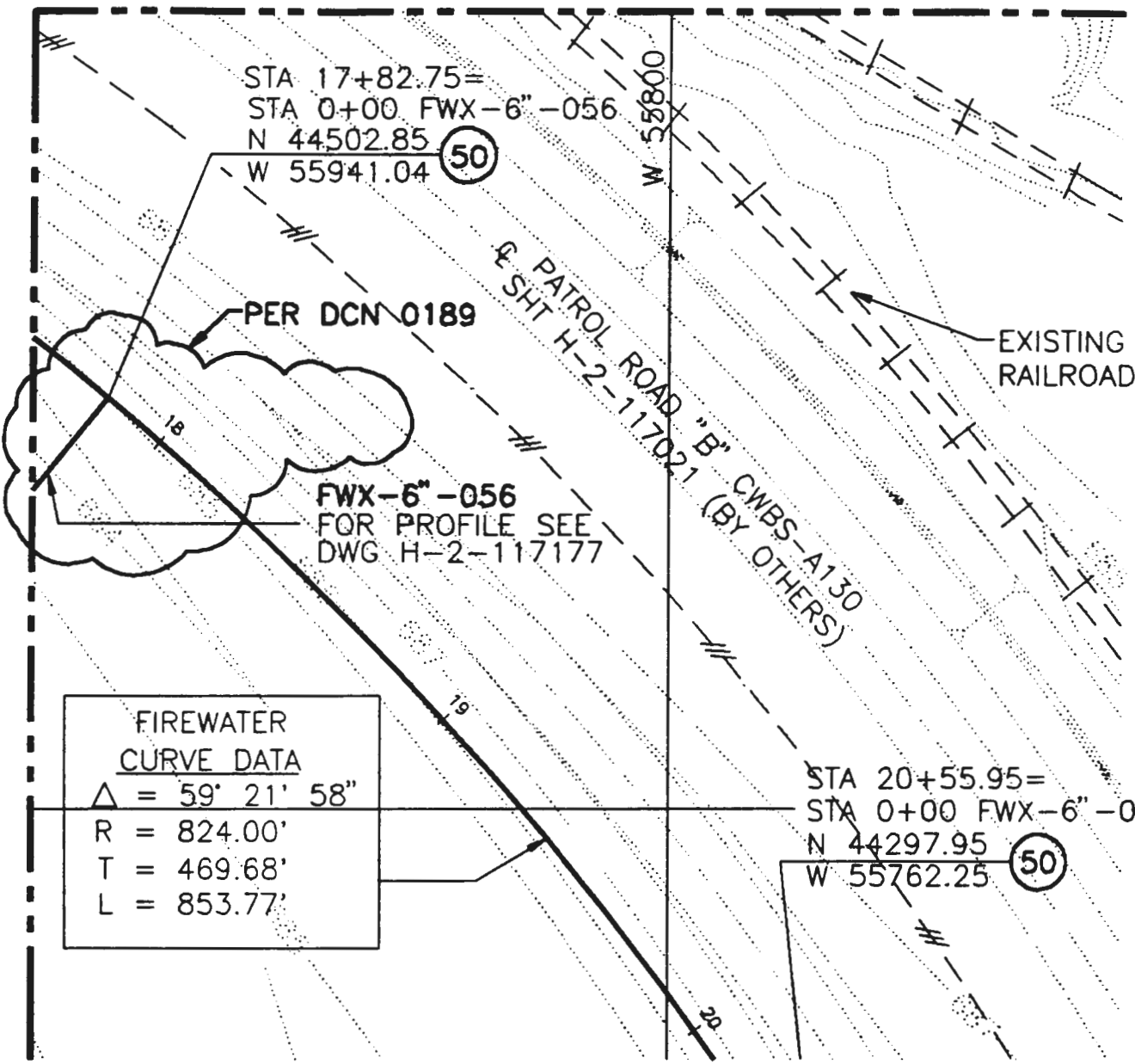
28 - 6" X 6" X 6" TEE

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> DISCIPLINE ENGINEER: <i>...</i>	DATE: 5/12/94 DATE: 5/12/94	DCN - 0189		REV. 0	PAGE 3

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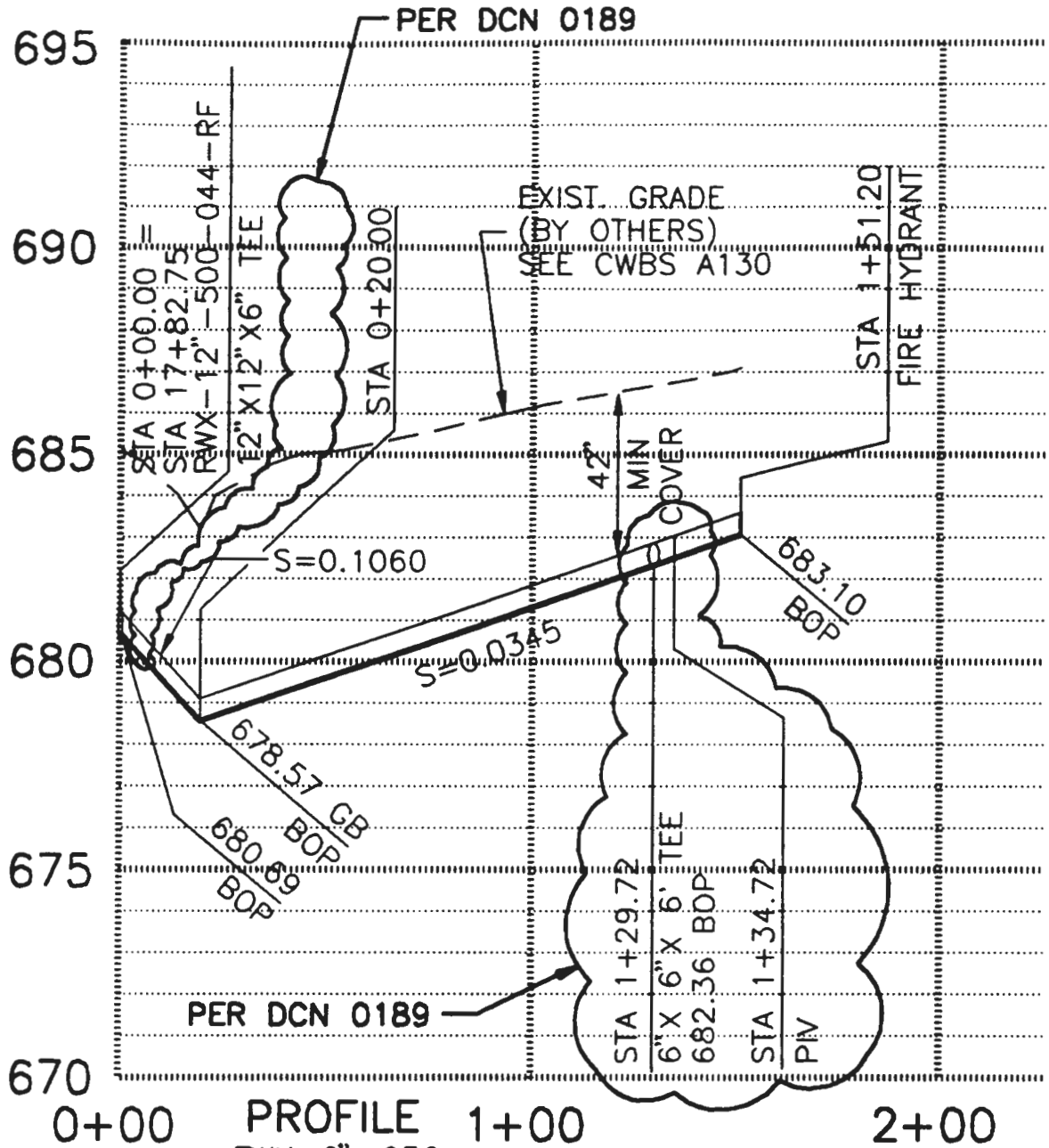
DWG LIMIT N 44600



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: <p style="text-align: center;">HWMA WATER SUPPLY</p>	BASE DOC. NO. H-2-117153 SHT/PG. 1 REV. 5 CR NO. N/A DISCIPLINE: CIVIL CADFILE:
PREPARED BY: <i>Daniel Matus</i> DISCIPLINE ENGINEER: <i>Frank R. ...</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	
PREPARED BY: <i>Dan M. Martin</i> DISCIPLINE ENGINEER: <i>R. Crisler</i>				DISCIPLINE: CIVIL CADFILE:	
DATE: 5/12/94		DATE: 5/12/94		DCN - 0189	
				REV. 0 PAGE 5	