START

0029642

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: November 9, 1992

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

Transmittal No.: WDOE-244

Dear Mr. Grantham:

TRANSMITTAL

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

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

NUMBER	REV	DATE	TITLE
SEE TRANSMITTAL ATTACHMENT	-----	-----	GENERAL ARRANGEMENT DRAWINGS AND TABLE OF CONTENTS
CONTROLLED COPIES # 25 & 26			PLEASE REMOVE OLD REVISIONS AND TABLE OF CONTENTS FROM YOUR GA MANUAL AND REPLACE WITH THE ATTACHED REVISIONS
			TO ACKNOWLEDGE RECEIPT OF THE DOCUMENTS LISTED ABOVE, PLEASE SIGN AND DATE A COPY OF TRANSMITTAL FORM AND MAIL TO: FLUOR DANIEL, HWVP - EDC - 513J, 3333 MICHELSON DRIVE, IRVINE, CA 92730

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Distribution:
Reference:FRP-615,FUP-270
R. L. Long: DOE-RL W/O
VPO/AME Corresp Cntrl Cntr, MSIN A5-10
(GENERAL ARRANGEMENT),w/O
P. Felise, WHC-RL (MSIN G6-16) w/o
Environmental Data Management Center
(MSIN H4-44)w/1 #31
D. Duncan, US EPA, Region X w/O

H4-22
pw

Very truly yours,

Rosalie Cadenas for
R. S. Poulter
Project Director

RSP:CWW:ts

NOTICE:
YOUR MAIL WAS DELAYED BECAUSE THE SENDER OMITTED OR DID NOT USE THE CORRECT MSIN.

AUG 1993
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EDMC

TRANSMITTAL ATTACHMENT

DRAWING NUMBER	SHT NO.	REV	DATE	DRAWING TITLE
H-2-118021	01	7	10/29/92	GA VITRIFICATION BUILDING TUNNEL PLAN - SOUTH END
H-2-118022	01	7	10/29/92	GA VITRIFICATION BUILDING TUNNEL PLAN - NORTH END
H-2-118041	01	7	10/29/92	GA VITRIFICATION BUILDING SECTION A
H-2-118042	01	7	10/29/92	GA VITRIFICATION BUILDING SECTION B
H-2-118043	01	7	10/29/92	GA VITRIFICATION BUILDING PARTIAL SECTION C - SOUTH END
H-2-118044	01	6	10/29/92	GA VITRIFICATION BUILDING PARTIAL SECTION C - NORTH END
H-2-118045	01	7	10/29/92	GA VITRIFICATION BUILDING PARTIAL SECTION D - SOUTH END
H-2-118047	01	7	10/29/92	GA VITRIFICATION BUILDING PARTIAL SECTION E - SOUTH END
H-2-118048	01	6	10/29/92	GA VITRIFICATION BUILDING PARTIAL SECTION E - NORTH END
H-2-118055	01	6	10/29/92	GA VITRIFICATION BUILDING SECTIONS F, G, H, J, P & R

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	H-2-117106	01	3	FINAL SITE GRADING AND UTILITIES PLAN	3101
	H-2-117107	01	5	FINAL SITE GRADING AND UTILITIES PLAN	3101
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*	H-2-118047	01	7	GA VITRIFICATION BUILDING PARTIAL SECTION E - SOUTH END	3104
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	H-2-118160	01	2	GA MECH/ELEC SERVICES BUILDING FLOOR PLAN	3105
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	H-2-118171	01	1	GA SWITCHGEAR BUILDING BASEMENT & SECOND FLOOR PLAN	3107
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	H-2-118191	01	2	GA SOLAR EVAPORATION TANK SECTIONS & DETAILS	3107

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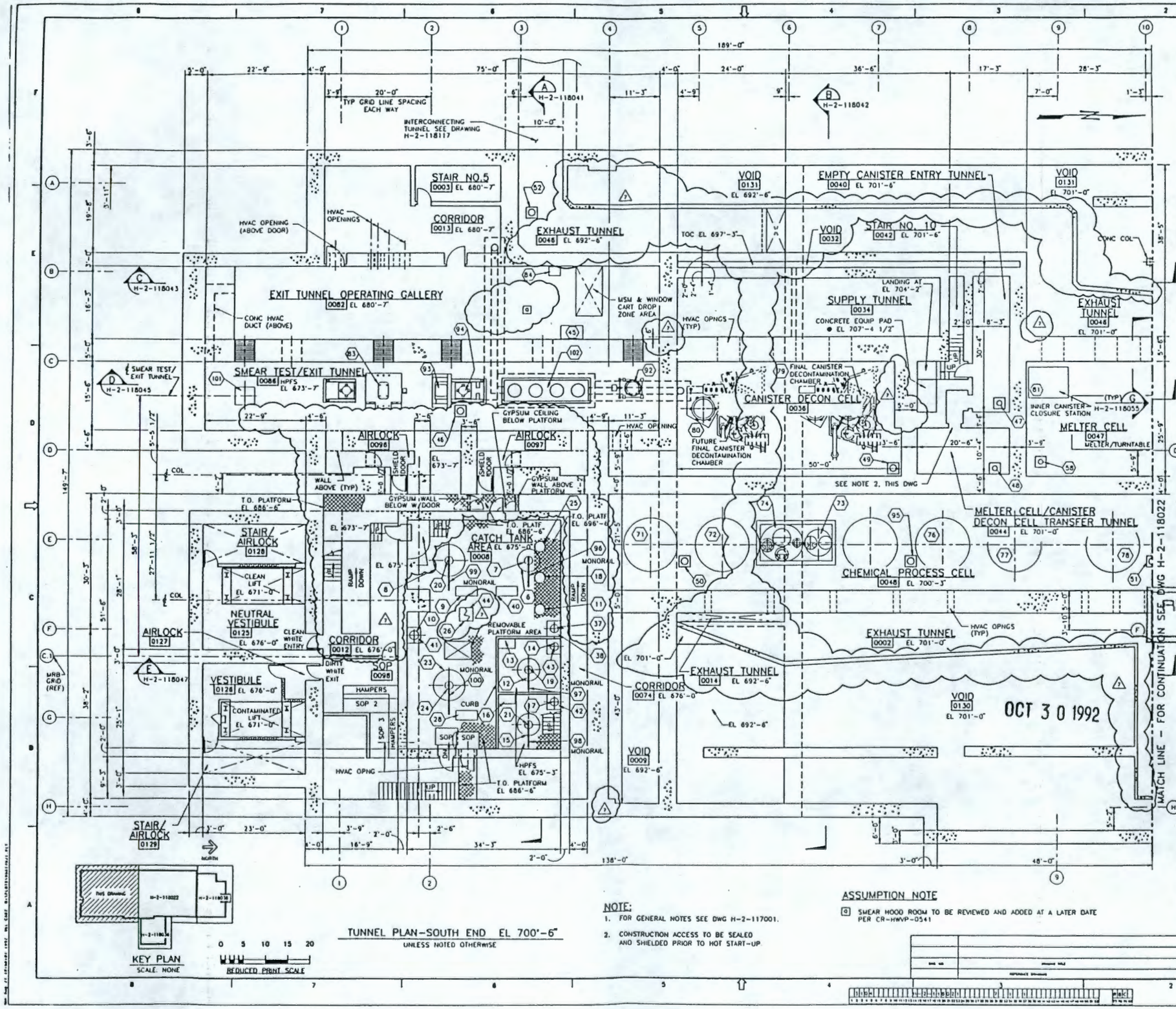


TUNNEL PLAN-SOUTH END EL 700'-6"
UNLESS NOTED OTHERWISE

NOTE:
1. FOR GENERAL NOTES SEE DWG H-2-117001.
2. CONSTRUCTION ACCESS TO BE SEALED AND SHIELDED PRIOR TO HOT START-UP.

ASSUMPTION NOTE
[Q] SMEAR HOOD ROOM TO BE REVIEWED AND ADDED AT A LATER DATE PER CR-HWVP-0541

EQUIPMENT LIST

ITEM (EQ)	EQUIPMENT NUMBER	HEIGHT	DESCRIPTION
6	TK-520-003	8'-0"	REGULATED DRAINS CATCH TANK
7	AG-520-005	10'-0"	REGULATED DRAINS CATCH TANK AGITATOR
8	TK-520-001	11'-0"	FLOOR DRAIN CATCH TANK
9	PX-520-001	2'-0"	FLOOR DRAIN CATCH TANK TRANSFER PUMP
10	PX-520-002	1'-0"	FLOOR DRAIN CATCH TANK SUMP PUMP
11	FH-520-001	13'-0"	FLOOR DRAIN CATCH TANK HEPA FILTER
12	TK-520-003	8'-0"	ACID DRAIN CATCH TANK
13	PX-520-004	2'-0"	ACID DRAIN CATCH TANK TRANSFER PUMP
14	PX-520-005	1'-0"	ACID DRAIN CATCH TANK SUMP PUMP
15	TK-520-004	8'-0"	ORGANIC ACID DRAIN CATCH TANK
16	PX-520-006	2'-0"	ORGANIC ACID DRAIN CATCH TANK TRANSFER PUMP
17	PX-520-007	1'-0"	ORGANIC ACID DRAIN CATCH TANK SUMP PUMP
18	FH-520-003	13'-0"	ORGANIC ACID DRAIN CATCH TANK HEPA FILTER
19	AG-520-002	13'-0"	ACID DRAIN CATCH TANK AGITATOR
20	AG-520-001	13'-0"	FLOOR DRAIN CATCH TANK AGITATOR
21	AG-520-003	10'-0"	ORGANIC ACID DRAIN CATCH TANK AGITATOR
23	TK-520-005	11'-0"	FLOOR DRAIN SAMPLING TANK
24	AG-520-004	13'-0"	FLOOR DRAIN SAMPLING TANK AGITATOR
25	FH-520-002	13'-0"	REGULATED DRAINS CATCH TANK HEPA FILTER
26	———	8'-0"	SAFETY SHOWER
28	PX-520-009	2'-0"	FLOOR DRAIN SAMPLING TANK TRANSFER PUMP
37	SU-520-005	—	REGULATED DRAINS CATCH TANK SUMP
38	PX-520-008	1'-0"	REGULATED DRAINS CATCH TANK SUMP PUMP
40	PX-520-003	2'-0"	REGULATED DRAINS CATCH TANK TRANSFER PUMP
41	SU-520-003	—	FLOOR DRAIN CATCH TANK SUMP
42	SU-520-002	—	ORGANIC ACID DRAIN CATCH TANK SUMP
43	SU-520-001	—	ACID DRAIN CATCH TANK SUMP
44	———	18'-6"	SAFETY SHOWER
45	GB-230-001	—	GLOVEBOX
46	SU-20C-014	—	CANISTER EXIT TUNNEL SUMP
47	SU-20C-012	—	ENTRY TUNNEL SUMP
48	SU-20C-013	—	MELTER CELL/CANISTER DECON CELL TRANS TUNNEL SUMP
49	SU-20C-006	—	CANISTER DECON CELL SUMP
50	SU-20C-002	—	CHEMICAL PROCESS CELL SUMP NO 2
51	SU-20C-003	—	CHEMICAL PROCESS CELL SUMP NO 3
52	SU-20C-020	—	EXHAUST TUNNEL SUMP
58	SU-20C-004	—	MELTER CELL SUMP NO 1
71	TK-20A-002	19'-6"	WASTE ADJUSTMENT TANK (WAT A)
72	TK-20A-001	19'-6"	DECONTAMINATION WASTE TREATMENT TANK (DWTT)
73	TK-20A-006	8'-10"	PRECOAT FEED TANK (PFT)
74	TK-20A-005	13'-6"	FILTER FEED TANK (FFT)
75	TK-20D-003	19'-6"	RECYCLE WASTE COLLECTION TANK (RWCT)
76	TK-20B-002	19'-6"	WASTE ADJUSTMENT TANK (WAT B)
77	TK-120-001	19'-6"	SLURRY RECEIPT AND ADJUSTMENT TANK (SRAT)
78	TK-20D-004	13'-6"	SLURRY MIX EVAPORATION CONDENSATE TANK (SMECT)
79	DC-18A-001	—	FINAL CANISTER DECONTAMINATION CHAMBER
80	DC-168-001	—	FUTURE FINAL CANISTER DECONTAMINATION CHAMBER
81	CS-170-00N	—	INNER CANISTER CLOSURE/TEMP SURVEY STATION
83	WE-170-001V	—	PLUG WELDER
84	WE-170-001V-CP	—	WELDER DATA ACQUISITION SYSTEM
92	TU-230-002V	—	SMEAR TEST STATION
93	WE-170-001V-PS	—	ICE PRESS
94	WE-170-001V-CC	—	CANISTER TROLLEY
95	SU-20C-031	—	CHEMICAL PROCESS CELL SUMP NO 4
96	WM-060-050	—	MONORAIL FOR CATCH TANK (1 TON)
97	WM-060-051	—	MONORAIL FOR CATCH TANK (1 TON)
98	WM-060-052	—	MONORAIL FOR CATCH TANK (1 TON)
99	WM-060-053	—	MONORAIL FOR CATCH TANK (1 TON)
100	WM-060-054	—	MONORAIL FOR CATCH TANK (1 TON)
101	SR-230-001	—	CANISTER STAND
102	FD-618-005	—	SHIELDED STORAGE RACK

RELEASED FOR PROJECT
BASELINE CONTROL

OCT 30 1992

REV NO.	DATE	REVISION DESCRIPTION	DRAWN	CHKD	APPROVED	APPROVED
7	8/31/92	REVISED SUMP LOCATION IN SMEAR TEST/EXIT TUNNEL, SAFETY SHOWER LOCATION IN CATCH TANK AREA, EXHAUST TUNNELS, LABYRINTH BETWEEN THE CATCH TANK AREA & SMEAR TEST/EXIT TUNNEL (WALLS 0094 & 0097) AND SLOPED RAMPS IN CORRIDOR 0012 ADDED STAIR IN CORRIDOR 0012, PILASTERS IN VOIDS 0009 & 0131, ENCODING STAIR WALL DIM IN EXIT TUNNEL OPERATING GALLERY 0086 & INCREASED WALL THICKNESS IN THE CANISTER DECON CELL	NDK	RWW	PB	DVD
6	8/17/92	ADDED BASEMENT OF WAREHOUSE FOR REPAIR BLDG PER CR-HWVP-0486 DELETED WALLS 0041, EQUIP FROM THE EXIT TUNNEL OPERATING GALLERY & COLUMNS IN EXHAUST TUNNEL 0004 REVISED WALLS 0094 & 0097, FLOOR ELEVATION IN THE SMEAR TEST/EXIT TUNNEL, EXIT TUNNEL OPERATING GALLERY 0086 & CORRIDOR 0012 REVISED CANISTER STORAGE AREA, WALL THICKNESS IN THE EMPTY CANISTER ENTRY TUNNEL, LOCATION OF SHIELD WINDOWS, LOCATION OF SOUTH WALL OF CANISTER DECON CELL, HVAC OPENINGS, SUMP LOCATION IN CHEMICAL PROCESS CELL & WALL THICKNESS AT NORTH END OF SMEAR TEST/EXIT TUNNEL, ADDED WALLS IN THE EXHAUST TUNNELS 0002 0014 & 0046, VOIDS 0130 & 0131 & CONCRETE DUCT TO THE EXIT TUNNEL OPERATING GALLERY & REMOVED HOLD HWVP-FS-206 PER CR-HWVP-0511	NDK	CWW	PRC	CDG
			J.S	AKY	BER	RSP

ENGINEERING RELEASE
REV ____ DATE ____
ENG ____

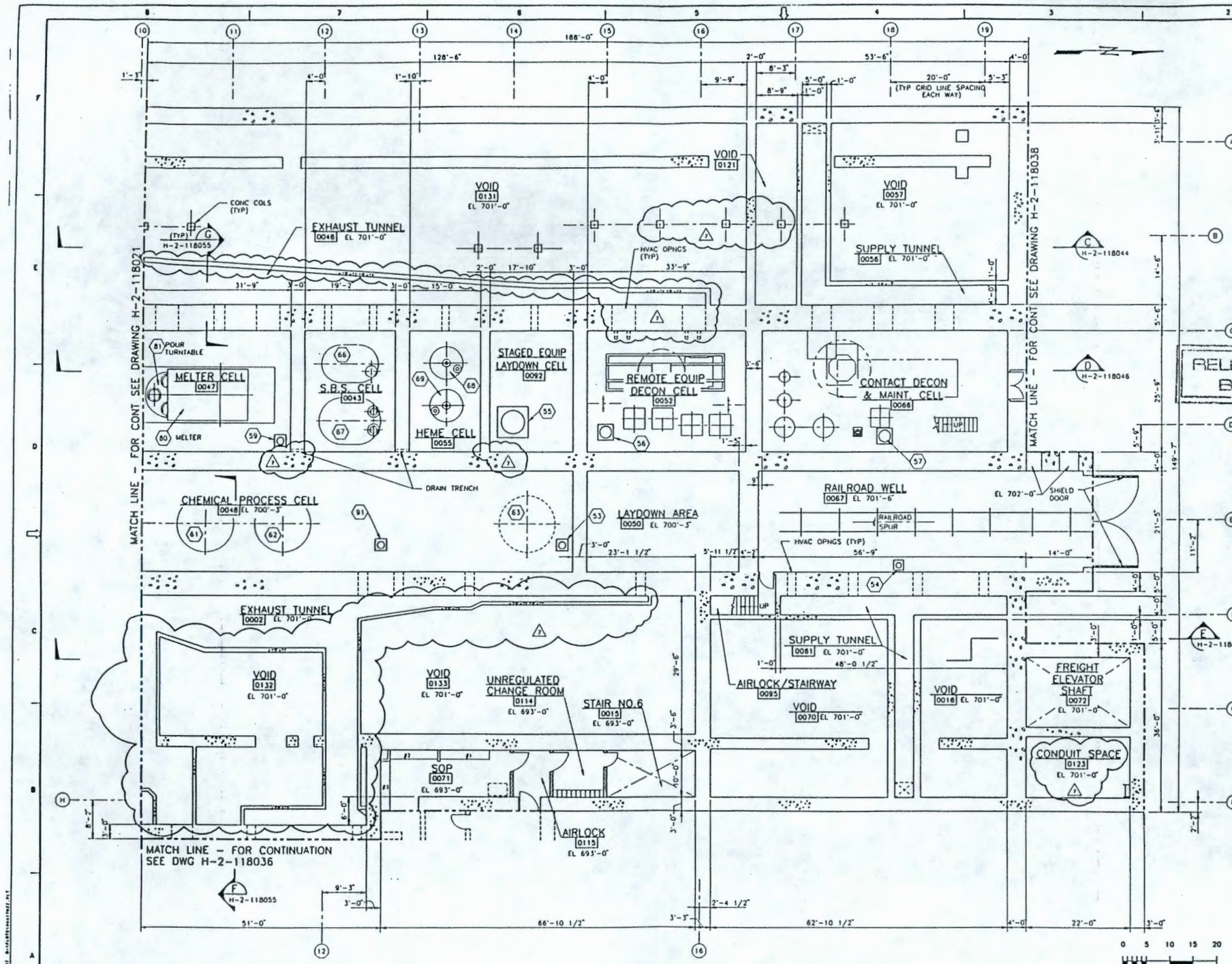
		DATE
DRAWN BY	R GIBBONS	5/1/92
CHECKED BY	O CHAWLA	5/1/92
ENGINEER	F BROOKS	5/1/92
PROJECT ENGINEER	J SMETS	5/1/92
SUB. LEADER	R KEENAN	5/1/92
SUPERVISOR	R KUMAR	6/22/92
DRAFTSMAN	G KULKANOFF	6/22/92
CHECKER	J GOODE	6/22/92
DRAWN	T HORVATH	6/22/92

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
RL - ACSD-DSN, HS30

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
TUNNEL PLAN-SOUTH END

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT
SCALE: 1/8"=1'-0"
PROJECT ENGINEER NO.: B-595
PLANT ENGINEERING NO.: B45724
DRAWING NO.: 3104
SHEET NO.: 1
SIZE: NONE
MOT REQ'D
DRAWING NUMBER: H-2-118021
REV: 1
SHEET: 1
OF: 7
AUTOCAD
H-2-118021
24 AUG 92
LCO = NDK



TUNNEL PLAN-NORTH END EL.700'-6"

UNLESS NOTED OTHERWISE

NOTE:

1. FOR NOTES SEE DRAWING H-2-118021.

EQUIPMENT LIST			
ITEM NO.	EQUIPMENT NUMBER	HEIGHT	DESCRIPTION
53	SU-20C-001	-	CHEMICAL PROCESS CELL SUMP NO 1
54	SU-20C-015	-	RAILROAD WELL SUMP
55	SU-20C-030	-	STAGED EQUIP LAYDOWN CELL SUMP
56	SU-20C-005	-	REMOTE EQUIP DECON CELL SUMP
57	SU-20C-007	-	CONTACT DECON & MAINT CELL SUMP
58	SU-20C-027	-	MELTER CELL SUMP NO 2
61	TK-120-002	19'-8"	SLURRY MIX EVAPORATOR TANK (SME)
62	TK-220-001	19'-8"	MELTER FEED TANK (MFT)
63	SPARE	-	SPARE TANK LOCATION
66	SC-144-001	17'-0"	MELTER OFFGAS SUBMERGED BED SCRUBBER (MOG SBS)
67	SC-154-001	17'-0"	PROCESS VESSEL VENT SUBMERGED BED SCRUBBER (PVSBS)
68	DE-144-002	-	HIGH EFFICIENCY MIST ELIMINATOR (HEME)
69	DE-148-002	-	HIGH EFFICIENCY MIST ELIMINATOR (HEME)
80	ME-130-001	-	MELTER
81	TU-130-001	-	POUR TURNTABLE
91	SU-20C-032	-	CHEMICAL PROCESS CELL SUMP NO 3

OCT 3 0 1992

NORTH

H-2-118021 | THIS DRAWING | H-2-118038

RELEASED FOR PROJECT BASELINE CONTROL

KEY PLAN SCALE NONE

REV. NO.	DATE	REVISION DESCRIPTION	ENGINEERING	DRAFTING	CONSTRUCTION	OPERATIONS
7	3/31/92	REVISED EXHAUST TUNNELS 0002 & 0048 & LOCATION OF COLUMNS IN VOIDS 0131 & 0133 AND ADDED CONDUIT SPACE ROOM 0123. ENCODING STRIP & RELOCATED DRAIN TRENCH	NDK	CWW	PRG	CDG
6	12/19/90	DELETED HEPA FILTERS FROM CHEMICAL PROCESS CELL & EQUIPMENT LIST AND EXTENDED RAILROAD WELL. ADDED CONCRETE WALLS TO EXHAUST TUNNELS 0002, 0048, FREIGHT ELEVATOR SHAFT, CONCRETE COLUMNS IN VOID 0057, OPENINGS IN EAST WALL TO CHM. LAYDOWN FROM 1ST FLOOR & VOIDS 0130, 0131, 0132, 0133, INCREASED THICKNESS OF NORTH WALL OF REMOTE EQUIP DECON CELL, NORTH WALL OF LAYOUT AREA & NORTH & EAST WALLS OF EXHAUST TUNNEL 0002. REVISED SUPPLY TUNNEL 0056. SLAB ELEVATION OF ROOM EAST OF FREIGHT ELEVATOR SHAFT, HVAC OPENINGS, RAILROAD WELL SUMP, SUMPS IN ROOMS 0048, 0052, 0066 & 0092 AND SUP 0071. RELOCATED WALL AT AIRLOCK/STAIRWAY 0095 PER CR-HNWP-0711	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
5	8/14/90	DELETED RUST WALL & REM RD FROM THE EQUIPMENT LIST PER CR-HNWP-0518. ADDED CONCRETE SUPPLY TUNNEL TO VOID 0057 & REVISED SUP 0071, AIRLOCK 0113, UNREGULATED CHANGE ROOM 0114 & STAIR #6. ROOM 0015 & DELETED ASSUMPTION NOTE PER CR-HNWP-0541. ADDED SUMP #3 & REVISED LOCATION OF SUMP #1 IN THE CHEMICAL PROCESS CELL PER CR-HNWP-0480. ADDED CONCRETE COLUMNS & WALLS TO EXHAUST TUNNELS 0002 & 0048. VOID 0057 & 0121. REVISED RAILROAD WELL SUMP LOCATION. EQUIPMENT LIST & HVAC DUCTS IN WALLS OF THE MELTER CELL, CHEMICAL PROCESS CELL & CONTACT DECON & MAINT. CELL PER CR-HNWP-0458	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
4	12/1/91	ADDED ASSUMPTION NOTE PER CR-HNWP-0518	NK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
3	10/24/91	DELETED DOORS & EXIT WALL PER CR-HNWP-0544. ADD AIRLOCK & LOCKERS, REV CHANGE ROOM. STAIR NO 6 & ROOM NO'S PER CR-HNWP-0441	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
2	1/24/91	ADDED DRAWING SPECIFIC NOTE, RELEASED FOR	JAG	JRR	GK	JMJ
1	12/20/90	PROJECT BASELINE CONTROL PER CR HNWP-0480	JLS	FGB	OPC	RNG
		"RELEASED FOR PROJECT BASELINE CONTROL" WAS CHANGED PER CR NO HNWP-0476	VK	CEF	GK	EJ
			JLS	FGB	OPC	RNG
0	10/25/90	DELETED PLAN & STAIR 6 CONTACT DECON & MAINT. REV. REVS 3-14 OF EXT WALL OF RWL, RWL & RDA REVS 3-6 OF EXT WALL OF RWL, DRS, DRS, DRS & RWL ADDED EQUIP NO 91 REM. DRS. REVS 1-6 & 8, ADDED RW 6-14, & CPNC & WALLS & RW. REV CHANGED DRS, RD CHNG A, & RW. DRS. REVS DESCRIPTION OF REM. 53-57, 59 & ADDED REM 90 TO EQUIP LIST REVISED PER PROJECT BASELINE REVIEW PER CR NO. HNWP-0456	CEF	CWW	RPK	RWK
			JLS	FGB	OPC	RNG
01	1/24/90	REV EQUIP LIST DESCRIPTION @ 64 RS, & REMOVED	CEF	JRR	RPK	RWK
		DWG @ RW 064, PER CR NO. HNWP-0441	JLS	FGB	OPC	RNG
00	12/7/89	RELEASED FOR DETAILED DESIGN	TJH		RPK	RWK
			JLS	FGB	OPC	RNG

ENGINEERING RELEASE

REV. _____ DATE _____

ERQ _____

SIGNATURE	DATE
R GIBBONS	9/3/90
O CHAWLA	9/3/90
F BROOKS	9/3/90
J SMETS	9/4/90
R KEENAN	9/4/90
R KUMAR	9/13/90
G KUILANOFF	9/13/90
J GOODE	9/21/90
T HORVATH	9/21/90

NONE | NOT REQ'D

U.S. DEPARTMENT OF ENERGY

Richland Operations Office

DE - AC06-00RL10930

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
TUNNEL PLAN-NORTH END

HANFORD WASTE VITRIFICATION PLANT

PROJECT	PLANT CODE NO.	DRAW. NO.
B-595	845724	3104

SCALE: 1/8" = 1'-0" | SHEET NO. 1

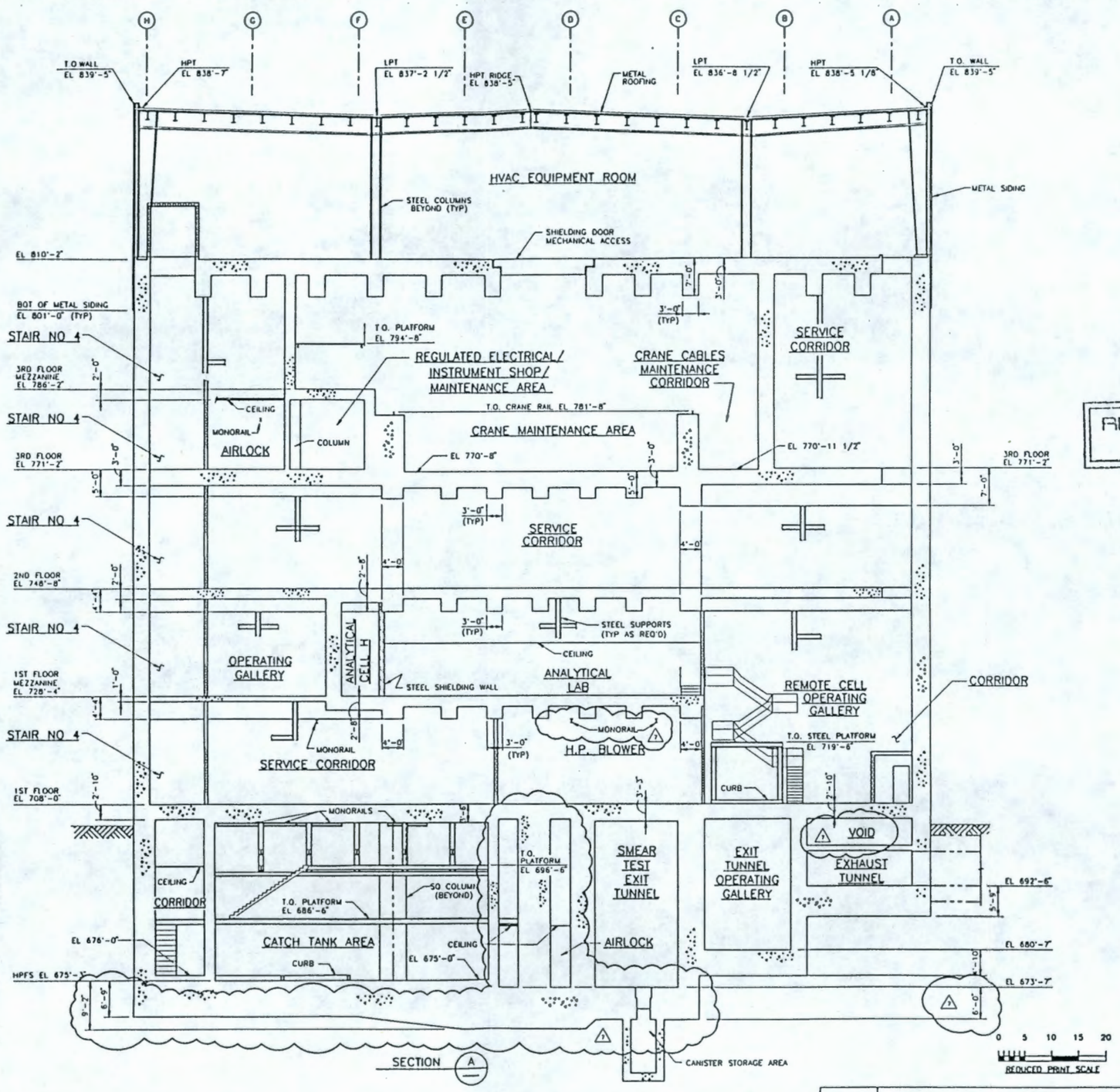
H-2-118022 | 1 | 1 | 7

AUTOCAD

00218022
24 AUG 92
LCD = NOH

9312975.1540

9312975.1541



RELEASED FOR PROJECT BASELINE CONTROL

OCT 30 1992

NOTE:
1. FOR NOTES SEE DRAWING H-2-118021.

7	9/29/92	REVISED EXHAUST TUNNEL, INCREASED THICKNESS OF WALL AT AIRLOCK (BETWEEN CATCH TANK AREA & SMEAR TEST/EXIT TUNNEL) AND ADDED SLOPE TO BOTTOM OF SLAB AT CATCH TANK AREA, ADDED VOID, ENCODING STAMP & RELOCATED MONORAILS IN HP BLOWER	NDK	CWW	PRG	CDG
6	8/24/92	REVISED FLOOR ELEVATIONS IN THE SMEAR TEST/EXIT TUNNEL & EXIT TUNNEL OPERATING GALLERY, CANISTER STORAGE AREA, AIRLOCK AT TUNNEL LEVEL, STAIR IN REMOTE CELL OPERATING GALLERY, EXHAUST TUNNEL & LOCATION OF MONORAIL IN 1ST FLOOR SERVICE CORRIDOR, CHANGED WALL ON 3RD FLOOR FROM GYPSUM BOARD TO CONCRETE PER CR-HNHP-0511	NDK JLS	CWW AKY	PRG BER	CDG RSP
5	8/14/92	REVISED GYPSUM WALLS & STAIR NO 4 & FLOOR PENETRATION AREAS, REVISED ROOF & ROOF ELEVATIONS & DELETED ASSUMPTION NOTE PER CR-HNHP-0541, REVISED WALL THICKNESS AT THE CRANE MAINT AREA, CORRECTED LOCATION OF H.P. BLOWER ROOM AND STRUCT STEEL IN CATCH TANK AREA, CHANGED CONCRETE PLATFORM TO STEEL IN REMOTE CELL OPERATING GALLERY & ADDED MONORAILS, AND INCREASED TUNNEL SLAB THICKNESS AND 1ST FLOOR SLAB THICKNESS ABOVE THE SMEAR TEST/EXIT TUNNEL & REVISED WALL & STAIRS IN CATCH TANK AREA PER CR-HNHP-0458	NDK JLS	CWW AKY	PRG JGK	CDG RNG
4	12/3/91	ADDED CANISTER STORAGE PER CR-HNHP-0454 AND ADDED ASSUMPTION NOTE PER CR-HNHP-0541 & RELOCATED ONE INSTRUMENT EQUIP ROOM, COMPUTER ROOM & BACKUP CENTRAL CONTROL ROOM & DELETED 2ND INSTRUMENT EQUIP ROOM PER CR-HNHP-0480	NK JLS	CWW AKY	PG JGK	CDG RNG
3	9/24/91	REVISED CATCH TANK AREA, CORRIDOR, AIRLOCK & SMEAR TEST EXIT TUNNEL PER CR-HNHP-0454 CHANGED FLOOR PENETRATION AREA TO CORRIDOR & ADDED DOOR PER CR-HNHP-0481 & ISSUED FOR DESIGN REVIEW	MM JLS	CWW AKY	PG GK	CDG RNG
2	7/24/91	RELEASED FOR PROJECT BASELINE CONTROL	JAG	CWW	GK	RWK
1	12/14/90	PER CR HNHP-0480	CDG	FGB	OPC	RNG
		"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	CEF	GK	ERJ
		PER CR NO HNHP-0476	JLS	FGB	OPC	RNG
0	12/12/90	REV SLAB THICKNESS @ 1ST FLR MEZZANINE AND 2ND FLOOR, ADDED INSTRUMENT EQUIP ROOMS & [illegible] PER CR NO HNHP-0430	CEF JLS	JAG FGB	GK OPC	RWK RNG
00	8/24/90	RELEASED FOR DETAILED DESIGN	SZG	[illegible]	RPK	RWK
			JLS	FGB	OPC	RNG

REV. NO.	DATE	REVISION DESCRIPTION	APPROVAL INITIALS

ENGINEERING RELEASE
REV. _____ DATE _____
ENG _____

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
DE - [illegible]

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

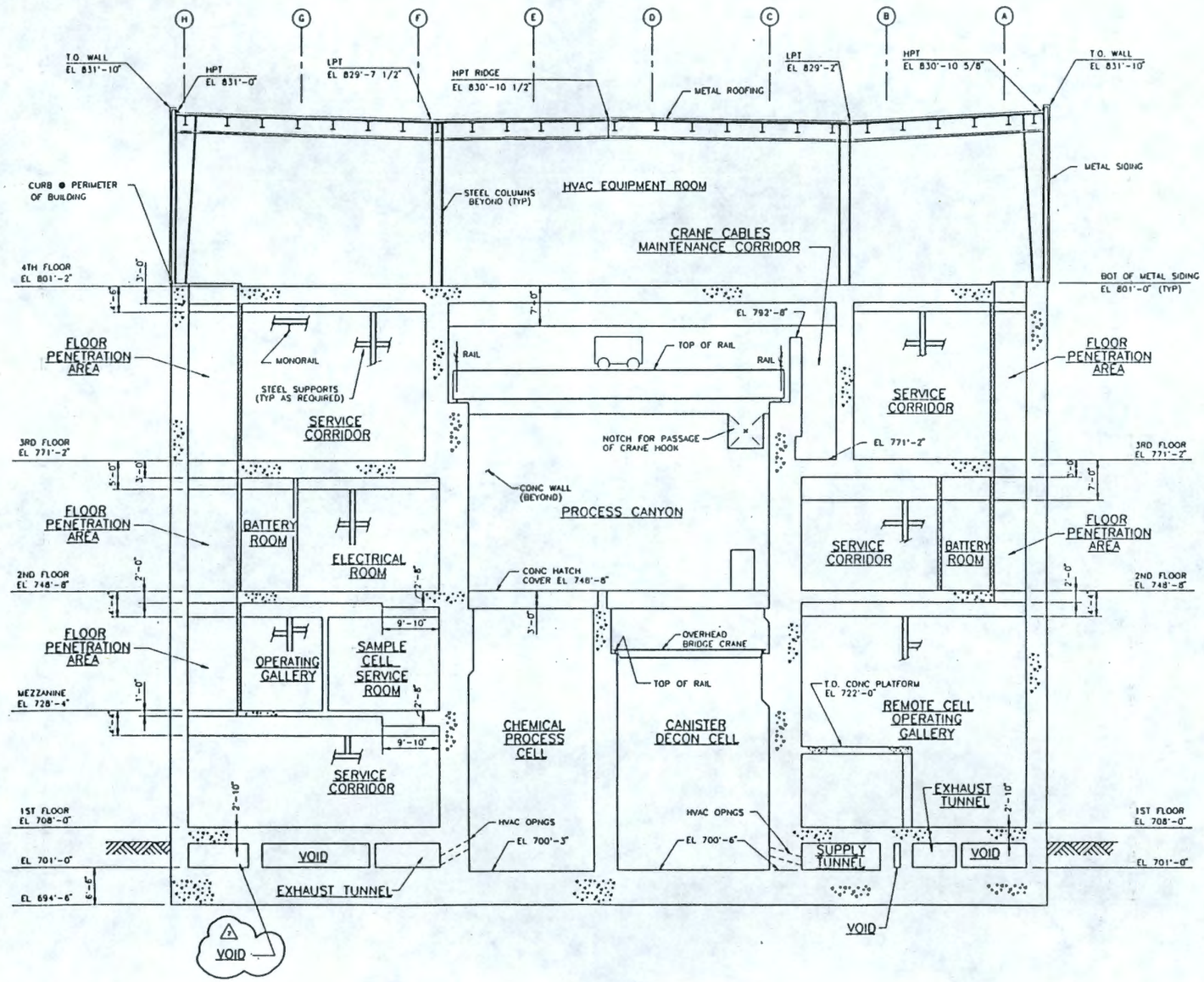
GENERAL ARRANGEMENT
VITRIFICATION BUILDING
SECTION A

HANFORD WASTE VITRIFICATION PLANT

R GIBBONS	4/3/90	
O CHAWLA	4/3/90	
F BROOKS	4/3/90	
J SMETS	4/4/90	
R KEENAN	4/4/90	
R KUMAR	4/22/90	
G KUKLANOFF	4/22/90	
J GOODE	4/23/90	
S GAYIOLA	4/23/90	

PROJECT: B-595
SCALE: 1/8" = 1'-0"
PLANT FACILITY NO: 845724
SUB NO: 1
DWG NO: 3104
DRAWING NUMBER: H-2-118041
SHEET 1 OF 1 REV 7
NONE | NOT REQ'D | AUTOCAD | 1
HH218041
18 AUG 92
LCD = NDK

9312975.1542



SECTION B

RELEASED FOR PROJECT BASELINE CONTROL

OCT 3 0 1992

0 5 10 15 20
REDUCED PRINT SCALE

NOTE:
1. FOR NOTES SEE DRAWING H-2-118021.

REV. NO.	DATE	REVISION DESCRIPTION	DRAWN	CHECKED	ENGINEERED	APPROVED
7	10/30/92	ADDED ENCODING STRIP & CHANGED EXHAUST TUNNEL TO VOID	NDK	CWW	PRG	CDG
6	10/29/92	REVISED HVAC OPENINGS & ENLARGED SUPPLY TUNNEL. SIZE OF EXHAUST TUNNELS. ADDED VOIDS PER CR-HNWP-0711	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
5	10/14/92	REVISED GYPSUM WALLS AT FLOOR PENETRATION AREAS. ROOF AND ROOF ELEVATIONS, LOC OF BATTERY ROOMS AND DELETED ASSUMPTION NOTE PER CR-HNWP-0541. REVISED VOID, SUPPLY TUNNEL & EXHAUST TUNNEL. INCREASED THICKNESS TO TUNNEL SLAB PER CR-HNWP-0658. ADDED HOLD PER HNWP-FD-186	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
4	10/13/92	ADDED ASSUMPTION NOTE PER CR-HNWP-0541	NK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
3	10/06/92	REVISED CRANE NOTCH-DELETED STAIRS AND ADDED DOOR PER CR-HNWP-0480 AND ISSUED FOR DESIGN REVIEW	MM	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
2	9/30/92	ADDED DRAWING SPECIFIC NOTE. RELEASED FOR	JAG	JRR	GK	RWK
		PROJECT CONTROL PER CR HNWP-0480	CDG	FGB	OPC	RNG
1	9/24/92	"RELEASED FOR PROJECT BASELINE CONTROL" MR-DRAWN	VK	CEF	GK	EJ
		PER CR NO HNWP-0476	JLS	FGB	OPC	RNG
0	9/17/92	REVD THK OF PROCESS CANYON WALLS. REVD 3RD FLR SLAB & MEZZANINE SLAB ADDED 2'-6" SLAB TO MEZZANINE AND 2ND FLR REVD VOID & EXHAUST TUNNEL. ~~RELEASED FOR BASELINE CONTROL~~ PER CR NO HNWP-0430	VK	JAG	GK RPK	RWK
			JLS	FGB	OPC	RNG
00	8/31/92	RELEASED FOR DETAILED DESIGN	SZG	JK GK	RPK	RWK
			JLS	FGB	OPC	RNG

ENGINEERING RELEASE
REV. _____ DATE _____
ENG _____

DRAWN BY	R GIBBONS	8/5/92
ELECTRICAL	O CHAWLA	8/5/92
INSTRUMENTATION	F BROOKS	8/5/92
STRUCTURAL	J SMETS	8/5/92
PROJ. ENGINEER	R KEENAN	8/5/92
SUPERVISOR	R KUMAR	8/21/92
APPROVED BY	G KURLANOFF	8/21/92
CHECKED BY	J GOODE	8/21/92
REVIEWED BY	S GAXIOLA	8/21/92

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
RL = HDQ-0001, HQ30

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

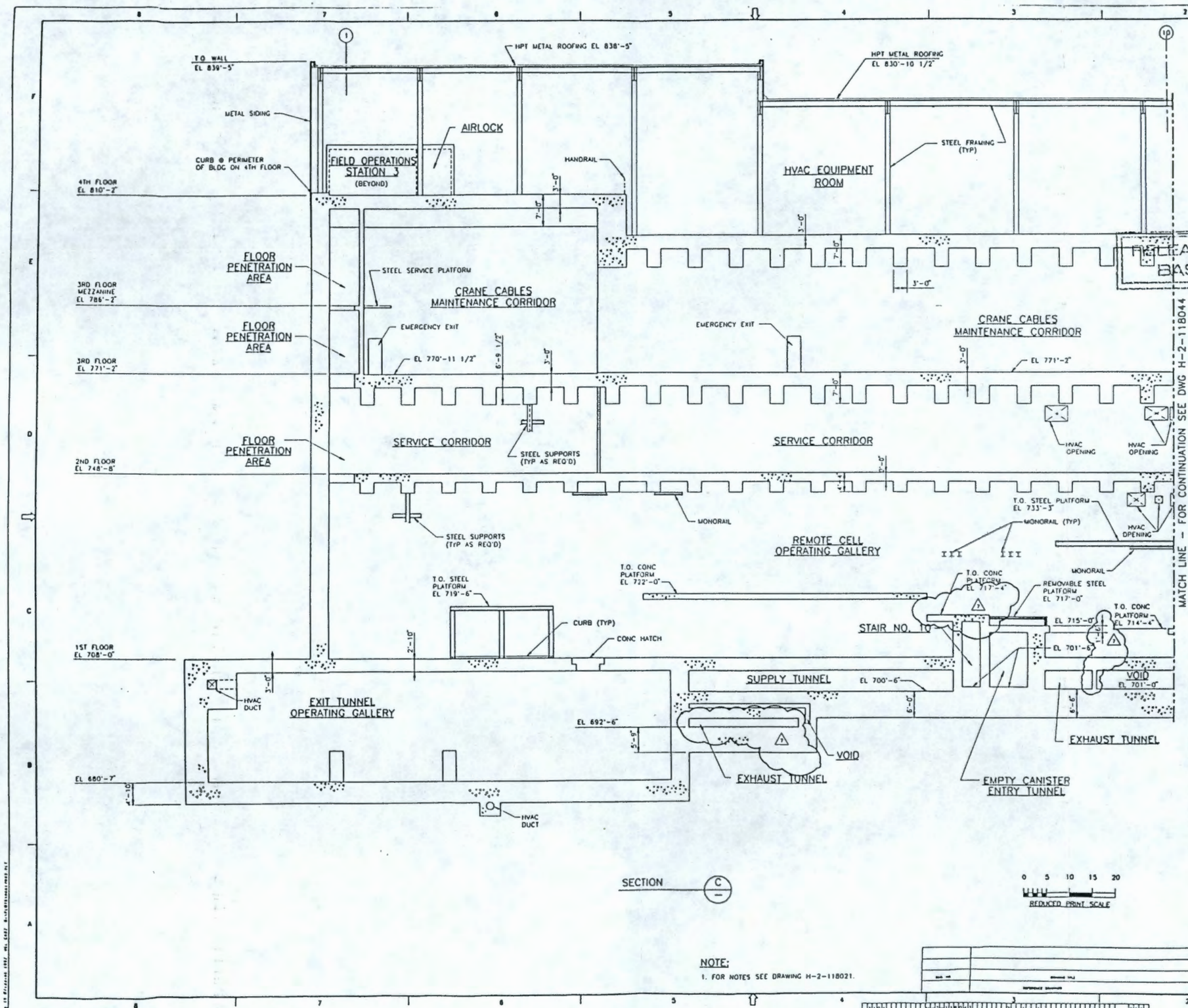
GENERAL ARRANGEMENT
VITRIFICATION BUILDING
SECTION B

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

PROJECT	PLANT IDENTIFIER NO.	DWG. NO.
B-595	845724	3104
SCALE	DWG. NO.	
1/8"=1'-0"	1	

SIZE	DRAWING NUMBER	REV.	SHEET	OF	NO.
NONE	NOT REQ'D	H-2-118042	1	1	7

AUTOCAD 1 NN218042 18 AUG 92 LCO = NDK



RELEASED FOR PROJECT BASELINE CONTROL

OCT 3 0 1992

NOTE:
1. FOR NOTES SEE DRAWING H-2-118021.

REV. NO.	DATE	DESCRIPTION	DRAWN	CHKD	ENGR	APPD
7	9/24/92	ADDED DIMENSION TO ROOF SLAB AT THE EMPTY CANISTER ENTRY TUNNEL. EXCODING STRIP AND REVISED ELEVATION OF SLAB ABOVE STAIR NO. 10 & EXHAUST TUNNEL OPENING	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
6	8/14/92	REVISED FLOOR ELEVATION OF THE EXIT TUNNEL OPERATING GALLERY. ADDED CONCRETE HVAC DUCTS INSIDE AND BELOW EXIT TUNNEL OPERATING GALLERY. REMOVABLE STEEL PLATFORM AND MONORAILS TO THE REMOTE CELL OPERATING GALLERY AND WALLS TO THE EXHAUST TUNNELS MAKING 2 VOIDS PER CR-HNUP-0711	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
5	6/11/92	ADDED AIRLOCK @ 4TH FLOOR. GYPSUM WALL TO SERVICE CORRIDOR ON 2ND FLOOR. HVAC OPENINGS ON 1ST & 2ND FLOORS. DELETED GYPSUM WALL @ 2ND FLOOR. VOID. SUPPLY TUNNEL & ASSUMPTION NOTES. REVISED ROOF, ROOF ELEVATIONS & VOID @ TUNNEL LEVEL PER CR-HNUP-0541. REVISED PLATFORMS IN REMOTE CELL OPERATING GALLERY. INCREASED THICKNESS OF TUNNEL FLOOR SLAB & DELETED MONORAILS IN THE REMOTE CELL OPERATING GALLERY PER CR-HNUP-0658	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
4	12/11/91	ADDED ASSUMPTION NOTES PER CR-HNUP-0535 & CR-HNUP-0541	NK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
3	10/29/91	DELETED BACKUP CONTROL CONTROL ROOM & SERVICE CORRIDOR PER CR-HNUP-0480. REVISED ELEVATION OF THE EXIT TUNNEL OPERATING GALLERY PER CR- HNUP-0454 & ISSUED FOR DESIGN REVIEW	MM	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
2	3/30/91	RELEASED FOR PROJECT BASELINE CONTROL	JAG	CWW	GK	RWK
		PER CR HNUP-0480	CDG	FGB	OPC	RNG
1	12/14/90	"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	CEF	GK	ERJ
		PER CR NO HNUP-0476	JLS	FGB	OPC	RNG
0	10/29/90	EXTENDED WEST CORRIDOR FAR WALL 1' SOUTH (2ND FLR). REV'D SLAB @ 2ND FLR. & RELEASED FOR PROJECT BASELINE CONTROL PER CR NO HNUP-0450	SLG	JAG	GK RPK	RWK
			JLS	FGB	OPC	RNG
01	9/24/90	ADDED CONC ACCESS HATCH FOR EXIT TUNNEL OPERATING GALLERY. PER CR NO HNUP-0441	CEF	JRR	RPK	RWK
			JLS	FGB	OPC	RNG
00	9/14/90	RELEASED FOR DETAILED DESIGN	BHC	CEF GK	RPK	RWK
			JLS	FGB	OPC	RNG

ENGINEERING RELEASE
REV. _____ DATE _____
ENG

R GIBBONS	9/5/90	
O CHAWLA	9/5/90	
F BROOKS	9/5/90	
J SMETS	9/4/90	
R KEENAN	9/4/90	
R KUMAR	8/21/90	
G KUILANOFF	8/21/90	
C WASSON	8/20/90	
B CONLEY	8/20/90	

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
DE - AC06-89RL10930

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
PARTIAL SECTION C - SOUTH END

HANFORD WASTE VITRIFICATION PLANT

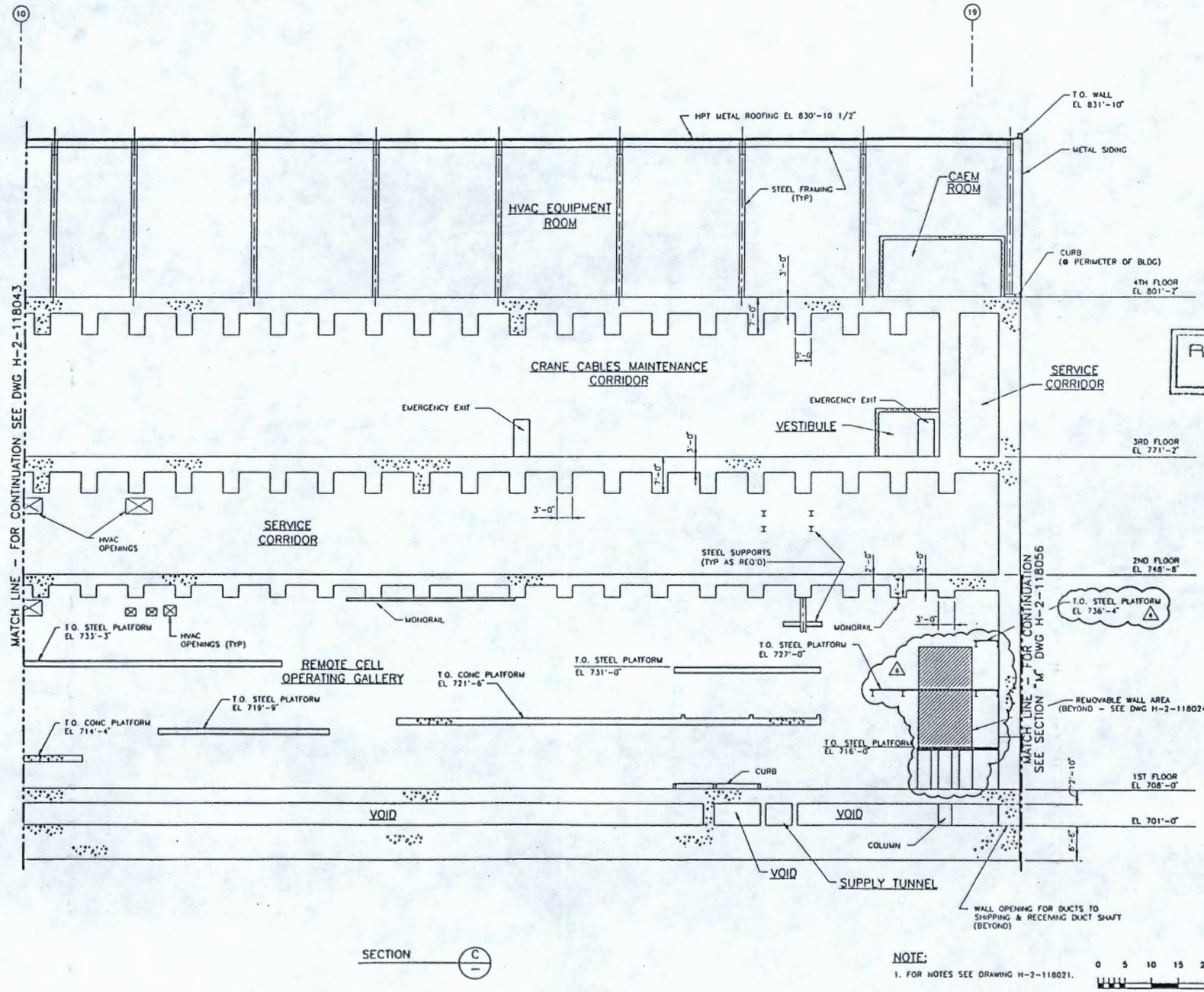
DRAWN BY C WASSON	8/20/90	DRAWING NO. 8-595	843724
SCALE 1/8"=1'-0"		SHEET NO. 1	DRAWING NO. 3104

NONE | NOT REQ'D | H-2-118043 | 1 | 1 | 7

AUTOCAD 1 00218043 18 AUG 92 LCO = NDK

9312975.1542

9312975.1544



RELEASED FOR PROJECT BASELINE CONTROL

OCT 3 0 1992

NOTE:
1. FOR NOTES SEE DRAWING H-2-118021.

0 5 10 15 20
REDUCED PRINT SCALE

REV. NO.	DATE	REVISION DESCRIPTION	DRAWN	CHK'D	APPROVAL	APPROVAL DATE
6	8/24/92	REVISED REMOVABLE WALL AREA & PLATFORMS IN REMOTE CELL OPERATING GALLERY AND ADDED DECONING STAIR	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
5	8/14/92	DELETED CONCRETE WALL ON THE 3RD FLOOR, ADDED VESTIBULE ON THE 3RD FLOOR CONCRETE COLUMN TO TUNNEL AND STEEL PLATFORM AND CONCRETE COLUMNS TO 1ST FLOOR AND REVISED SUPPLY TUNNEL PER CR-HNWP-0711	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
4	8/14/92	RELOCATED CAEM ROOM AND ADDED HVAC OPENINGS @ 1ST & 2ND FLOORS. REVISED ROOF & ROOF ELEVATIONS & DELETED ASSUMPTION NOTE PER CR-HNWP-0541. ADDED 2 STEEL PLATFORMS AND A MONORAIL & REVISED PLATFORMS & MONORAIL IN THE REMOTE CELL OPERATING GALLERY AND INCREASED THICKNESS TO TUNNEL FLOOR SLAB PER CR-HNWP-0654	NDK	CWW	PRG	CDG
			JLS	AKY	JCK	RNG
3	11/1/91	ADDED ASSUMPTION NOTES PER HVAC SCHEME 1 PER CR HNWP-0541	NK	CWW	PRG	CDG
			JLS	AKY	JCK	RNG
2	1/24/91	RELEASED FOR PROJECT BASELINE CONTROL	JAG	CWW	GK	RWK
		PER CR HNWP-0480	CDG	FGB	OPC	RNG
1	12/14/90	"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	CEF	GK	ERJ
		PER CR NO HNWP-0476	JLS	FGB	OPC	RNG
0	12/12/90	ADDED CAEM ROOM & (4TH FLR). ADDED WALL OPNG FOR DUCTS TO SHIPPING & RECEIVING DUCT SHAFT INCLUDED FOR PROJECT BASELINE CONTROL, PER CR NO HNWP-0430	SLG	JAG	CK RPK	RWK
			JLS	FGB	OPC	RNG
00	9/24/90	RELEASED FOR DETAILED DESIGN	BHC	CWW CK	RPK	RWK
			JLS	FGB	OPC	RNG

ENGINEERING RELEASE
REV. ____ DATE ____
ENG

DRAWN BY	N GIBBONS	8/5/90
ENG. MGR.	G CHAWLA	8/5/90
DESIGN MGR.	F BROOKS	8/5/90
DESIGNED BY	J SWETS	8/4/90
ENG. LEAD	N KEENAN	8/4/90
ENGINEER	R KUMAR	8/21/90
DIRECTOR	G KUILANOFF	8/21/90
CHECKED BY	C WASSON	8/20/90
APPROVED BY	B CONLEY	8/20/90

U.S.DEPARTMENT OF ENERGY
Richland Operations Office
DE - AC06-88RL10930

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
PARTIAL SECTION C - NORTH END

HANFORD WASTE VITRIFICATION PLANT

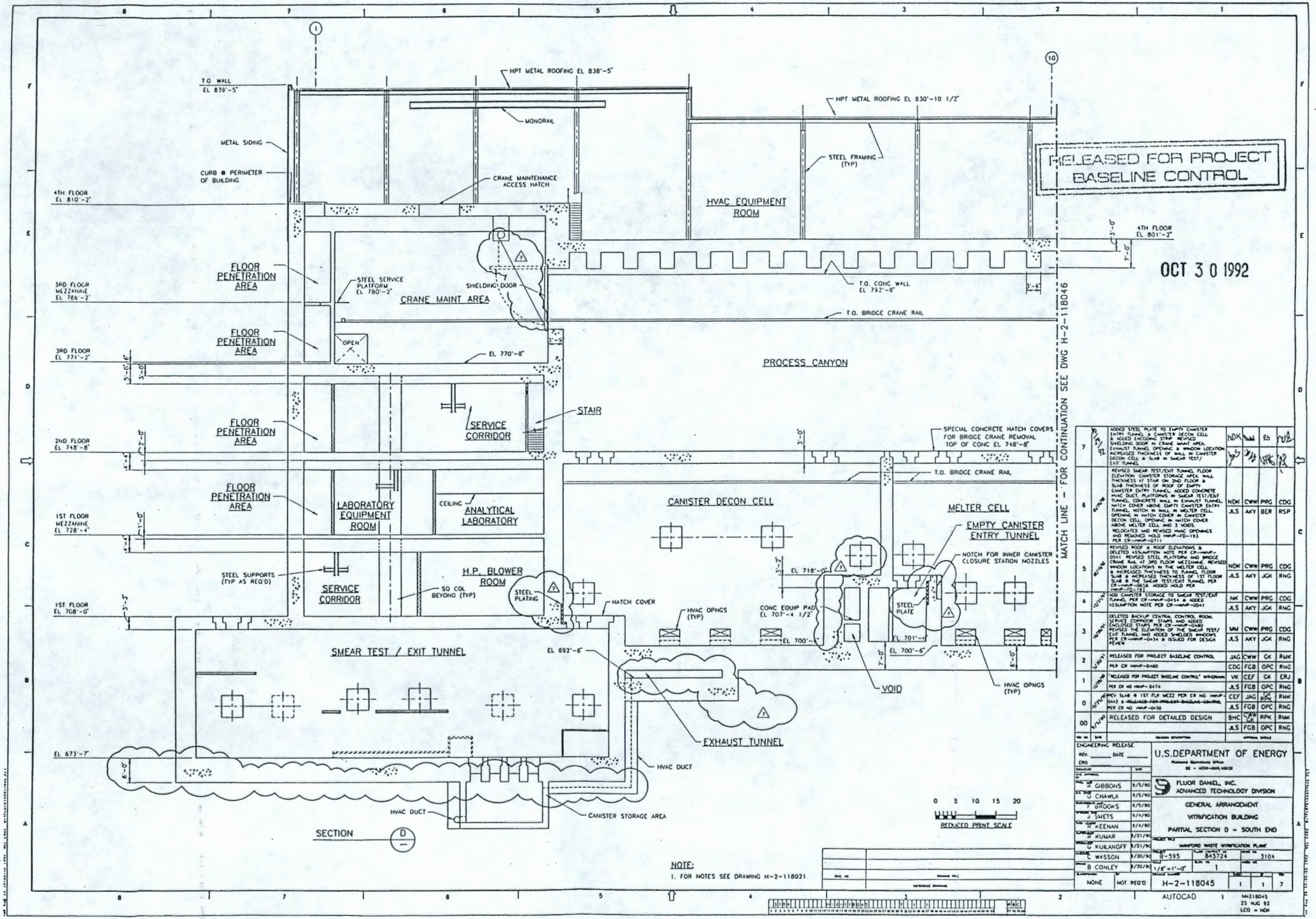
PROJECT	PLANT DRAWING NO.	DWG. NO.
B-595	845724	3104

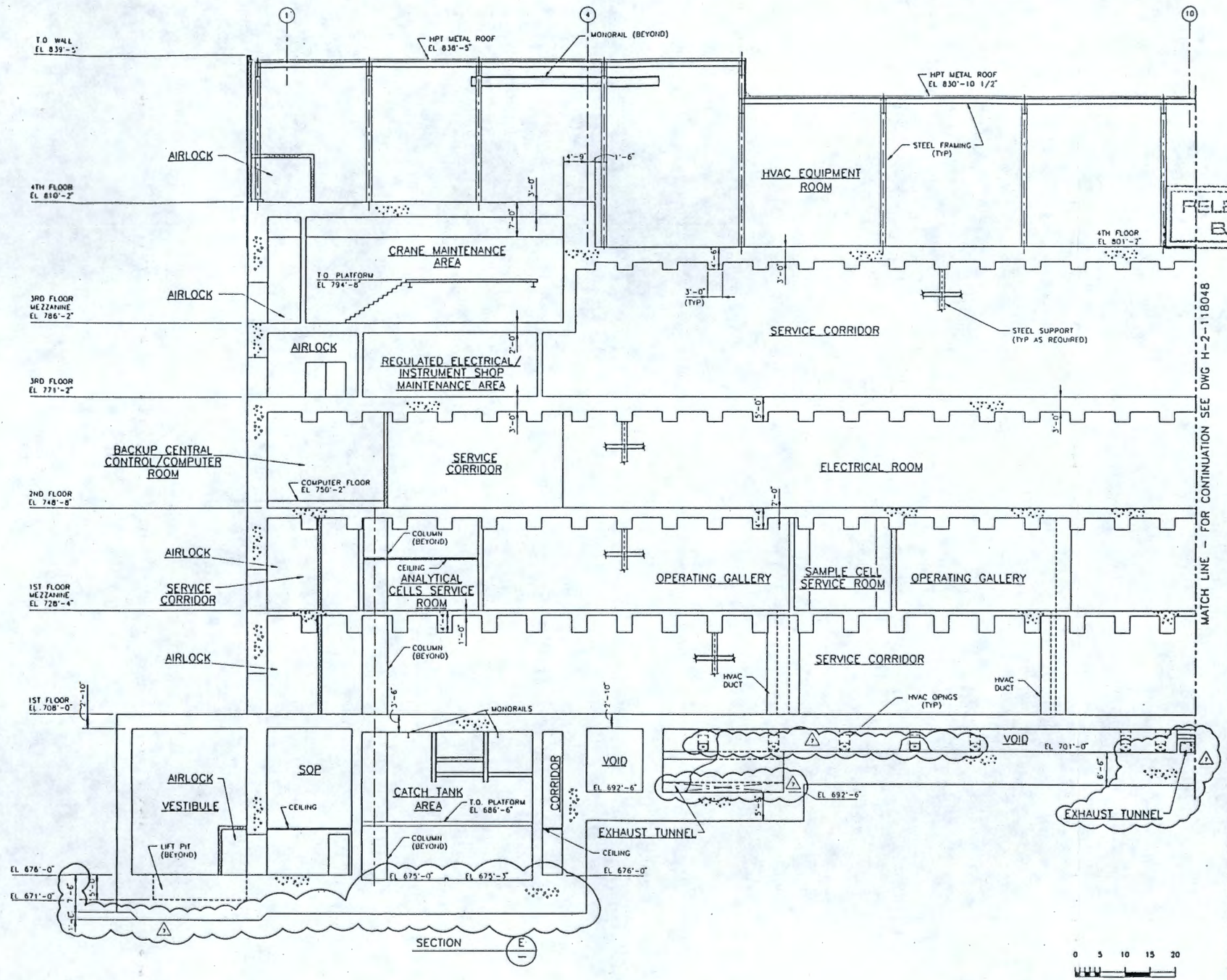
SCALE	PLANT NO.	SHEET NO.
1/8" = 1'-0"	1	

SUPERSEDING	SUPERSEDED BY	DRAWING NUMBER	SHEET	OF	REV.
NONE	NOT REQ'D	H-2-118044	1	1	6

AUTOCAD 1 WW218044 18 AUG 92 LCO - NDK

9312975.1545





RELEASED FOR PROJECT BASELINE CONTROL

OCT 3 0 1992

NOTE:

1. FOR NOTES SEE DRAWING H-2-118021.

REV	DATE	REVISION DESCRIPTION					
7	8/24/93	ADDED ENCODING STMP. REVISED SLAB THICKNESS AT TUNNEL LEVEL. REVISED EXHAUST TUNNEL & TOC ELEVATIONS IN CATCH TANK AREA & HVAC DUCTS IN VOID AND DELETED VOID	NDK	CWW	PB	RWK	
			JLS	AKY	BER	RSP	
6	8/19/93	ADDED MANIPULATOR REPAIR BUILDING PER CR-HNWP-0668 ADDED SLAB & WALL TO EXHAUST TUNNEL AND ADDED HVAC DUCTS FROM MEZZANINE TO TUNNEL. CHANGED WALLS AT REGULATED ELECTRICAL/INSTRUMENT SHOP MAINTENANCE AREA FROM GYPSUM TO CONCRETE. REVISED EXHAUST TUNNEL. RELOCATED & REVISED HVAC OPENINGS PER CR-HNWP-0711	NDK	CWW	PRG	CDG	
			JLS	AKY	BER	RSP	
5	6/14/93	DELETED RLST VAULT & EXTENDED 1ST FLOOR, 1ST FLOOR MEZZANINE & 2ND FLOOR SLAB THRU RLST AREA PER CR-HNWP-0518 REVISED ROOF & ROOF ELEVATIONS & DELETED ASSUMPTION NOTE PER CR-HNWP-0541 CORRECTED STRUCTURAL STEEL ELEVATION IN CATCH TANK AREA. ENLARGED AIRLOCK @ 1ST FLOOR 1ST FLOOR MEZZANINE & 4TH FLOOR & DELETED STMP @ 3RD FLOOR ADDED MONORAILS TO CATCH TANK AREA & INCREASED THICKNESS OF TUNNEL FLOOR SLABS PER CR-HNWP-0638 & ADDED HOLD PER HNWP-FD-1151	NDK	CWW	PRG	CDG	
			JLS	AKY	JCK	RNG	
4	12/11/92	ADDED ASSUMPTION NOTES PER CR-HNWP-0518 & CR-HNWP-0541	NK	CWW	PRG	CDG	
			JLS	AKY	JCK	RNG	
3	11/24/92	ADDED STMP & BACKUP CENTRAL CONTROL/ COMPUTER ROOM. DELETED FLOOR PENETRATION AREA INSTRUMENT EQUIP ROOM & SERVICE CORRIDOR PER CR-HNWP-0480 REVISED CATCH TANK AREA & ADDED PIPE SUPPORT STEEL PER CR-HNWP-0454 REVISED SERVICE CORRIDOR @ 1ST FLOOR MEZZ ADDED AIRLOCKS @ 1ST FLOOR 1ST FLOOR MEZZ & 4TH FLOOR DELETED CORRIDOR @ 3RD FLOOR PER CR-HNWP-0481 & ISSUED FOR DESIGN REVIEW	NDK	CWW	PRG	CDG	
			JLS	AKY	JCK	RNG	
2	5/20/92	RELEASED FOR PROJECT BASELINE CONTROL	JAG	CWW	GK	RWK	
		PER CR HNWP-0480	CDG	FGB	OPC	RNG	
1	1/28/92	"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	CEF	GK	ERJ	
		PER CR NO HNWP-0474	JLS	FGB	OPC	RNG	
0	12/12/91	REDUCED FLOOR SLAB THICKNESS ABOVE ELECT ROOM & ABOVE SERVICE CORRIDOR INSTR EQUIP ROOM WAS COMPUTER ROOM REVISED WALL & DELETED STAIRS & CRANE MAINT ROOM & [illegible] PER CR NO HNWP-0250	CEF	JAG	GK	RWK	
			JLS	FGB	OPC	RNG	
00	9/13/90	RELEASED FOR DETAILED DESIGN	BHC	CWW	RPK	RWK	
			JLS	FGB	OPC	RNG	

ENGINEERING RELEASE
REV _____ DATE _____
ERO

DRAWN BY	N GIBBONS	8/5/90
ENG. DISC.	J CHAWLA	8/5/90
ENGINEERING MGR.	P UHOOKS	8/5/90
SYSTEMS ENG.	J SMETS	8/4/90
SUB. LEADER	H KEENAN	8/4/90
SUBCONTRACTOR	R KUMAR	8/21/90
PROJECT ENG.	G KUILANOFF	8/21/90
CHECKED BY	C WASSON	8/20/90
APPROVED BY	B CONLEY	8/20/90

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
DE - AC06-88RL10930

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
PARTIAL SECTION E - SOUTH END

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

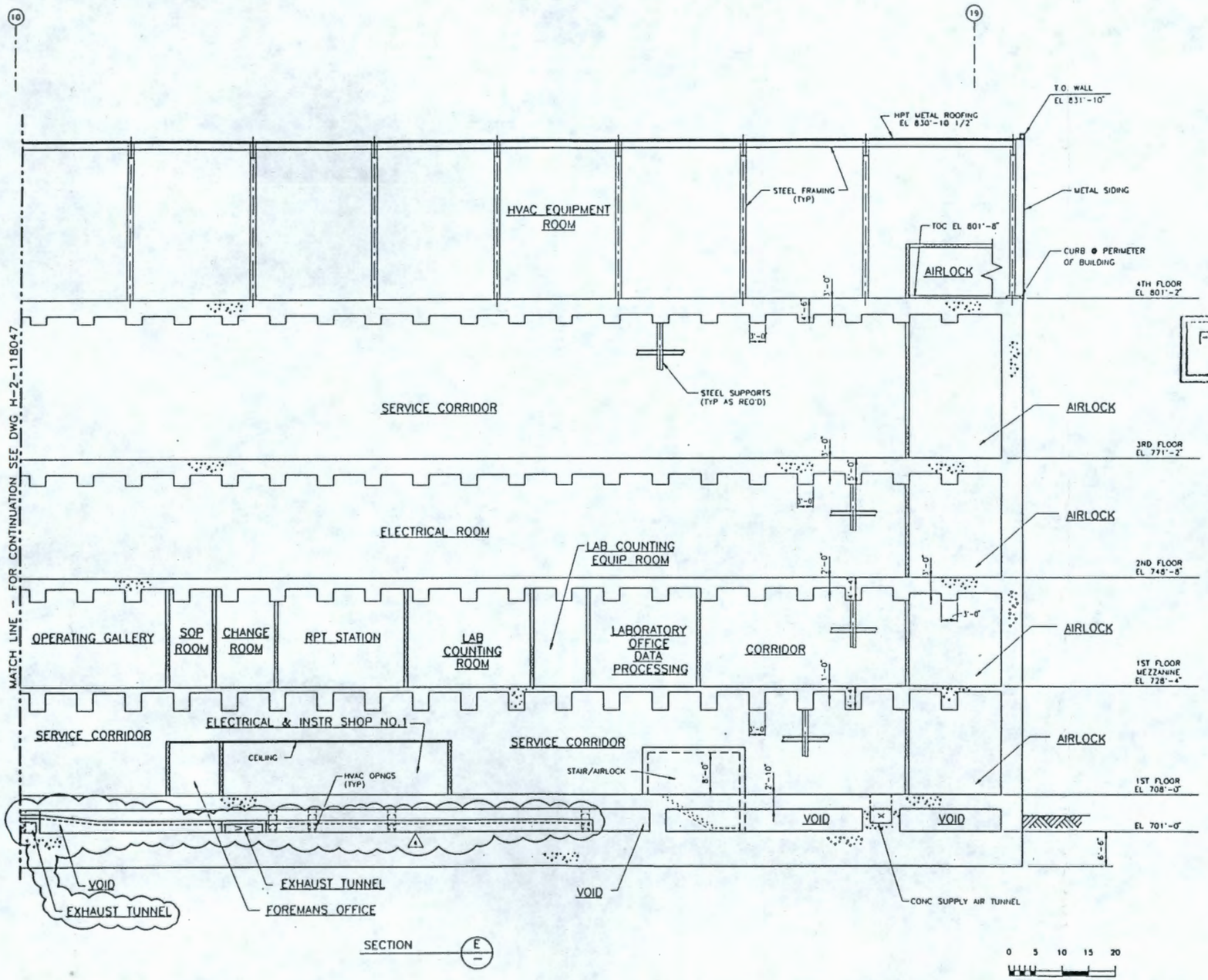
PROJECT	B-595	FLOOR TRACKING NO. 845724	SHEET NO. 3104
SCALE	1/8" = 1'-0"	SCALE NO. 1	SHEET NO.
REFERENCE DRAWINGS	NONE	NOT REQ'D	DRAWING NUMBER H-2-118047

REV 1 1 7

AUTOCAD 1 hh218047 24 AUG 92 LCO = NDK

93129751546

9312975.1547



RELEASED FOR PROJECT BASELINE CONTROL

OCT 3 0 1992

NOTE:

1. FOR NOTES SEE DRAWING H-2-118021.

REV	DATE	DESCRIPTION	DRN	CHK	ENG	APPROVAL
6	8/4/92	ADDED ENCODING STRIP REVISED LOCATION AND HEIGHT OF THE EXHAUST TUNNEL & HVAC DUCTS IN VOID	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
5	6/17/92	ADDED SLABS & WALLS TO EXHAUST TUNNEL AND ADDED VOID AREA REVISED & RELOCATED HVAC OPENINGS PER CR-HNVP-0711	NDK	CWW	PRG	CDG
			JLS	AKY	BER	RSP
4	6/19/92	DELETED RUST VAULT AND EXTENDED 1ST FLOOR 1ST FLOOR MEZZANINE AND 2ND FLOOR SLABS THRU RUST AREA PER CR-HNVP-0518 REVISED ROOF & ROOF ELEVATIONS & DELETED ASSUMPTION NOTES PER CR-HNVP-0541 INCREASED THICKNESS TO TUNNEL FLOOR SLAB PER CR-HNVP-0454. ADDED HOLD PER HNVP-FD-192	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
3	12/3/91	ADDED ASSUMPTION NOTES PER CR-HNVP-0518 & CR-HNVP 0541 & ADDED FOREMANS OFFICE	NK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
2	9/30/91	RELEASED FOR PROJECT BASELINE CONTROL	TJH	CWW	GK	RWK
		PER CR HNVP-0480	CDG	FGB	OPC	RNG
1	12/14/90	"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	CEF	GK	ERJ
		PER CR NO HNVP-0474	JLS	FGB	OPC	RNG
0	10/24/90	REV'D 1ST FLR MEZZANINE SLAB TO 1'-0". ADDED CONC SUPPLY AIR TUNNEL. REVISED [illegible] PER CR NO HNVP-0450	VK	JAG	JGK RPK	RWK
			JLS	FGB	OPC	RNG
00	9/14/90	RELEASED FOR DETAILED DESIGN	BHC	CWW JAG	RPK	RWK
			JLS	FGB	OPC	RNG

ENGINEERING RELEASE
REV _____ DATE _____
ENG _____

DRAWN BY	M GIBBONS	9/5/90
ENG. REVIEW	U CHAWLA	9/5/90
ENGINEERING MGR	T BROOKS	9/5/90
PROJECT ENGR	J SUETS	9/4/90
SUB. LEADER	H KEENAN	9/4/90
SUPERVISOR	A KUMAR	9/21/90
DISCIPLINE MGR	G KUILANOFF	9/21/90
CHECKED BY	C WASSON	9/20/90
APPROVED BY	B CONLEY	9/20/90

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
DE - AC06-00RL10930

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

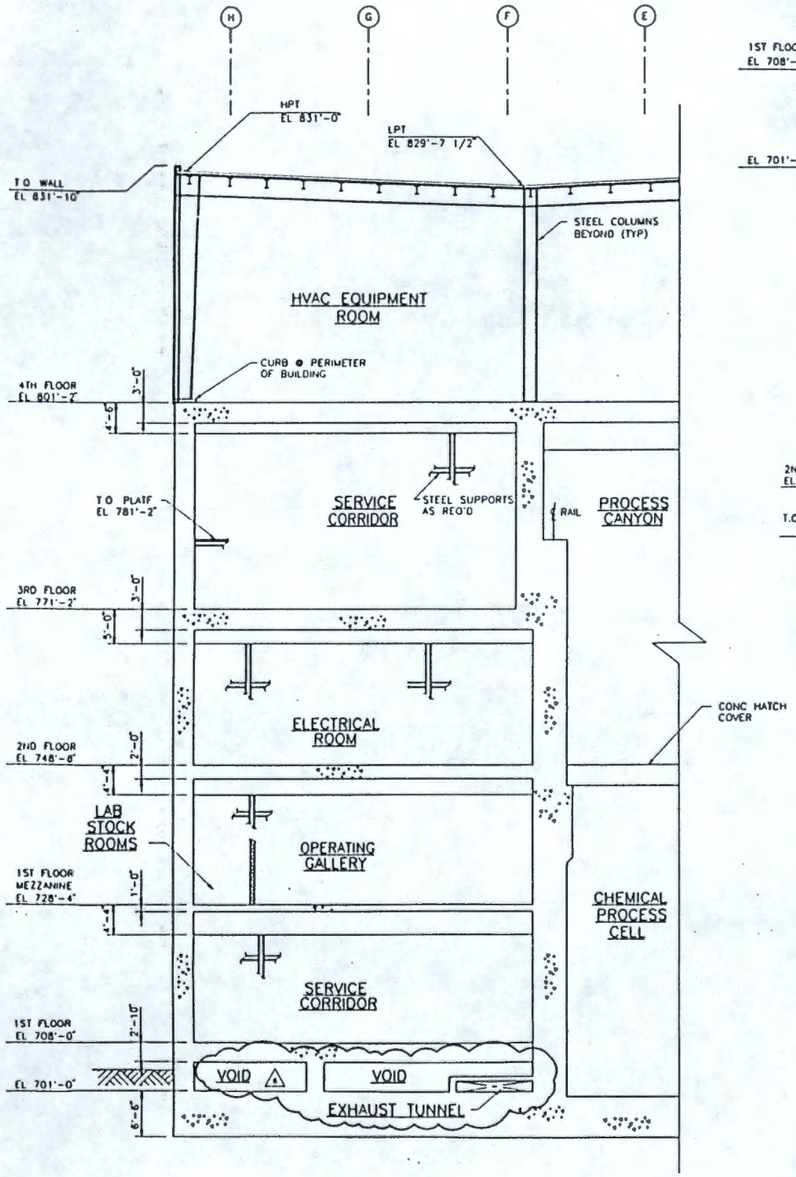
GENERAL ARRANGEMENT
VITRIFICATION BUILDING
PARTIAL SECTION E - NORTH END

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

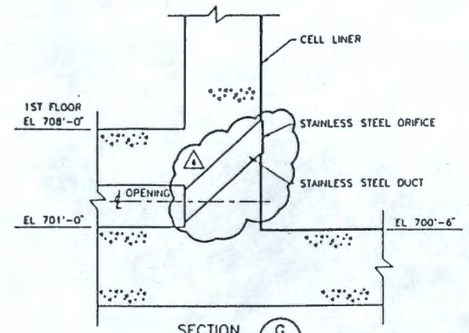
PROJECT	B-595	PLANT DRAWING NO	845724
SCALE	1/8" = 1'-0"	PLAN NO	1
DRAWING NO	3104		

NONE	NOT REQ'D	H-2-118048	1	1	6

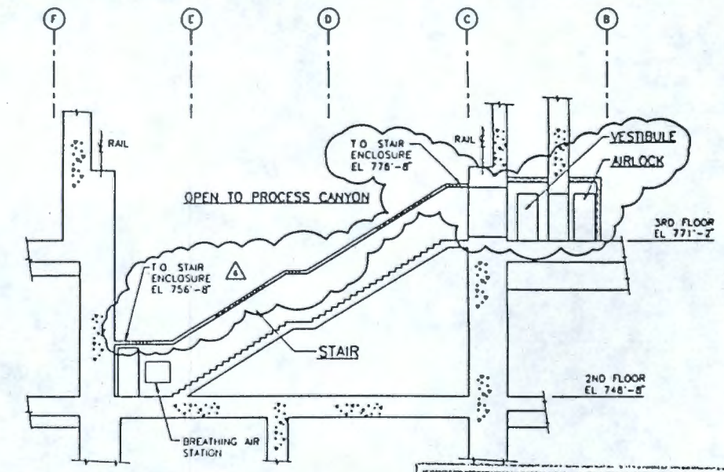
AUTOCAD 1 WW218048 24 AUG 92 LCO = NDK



SECTION F

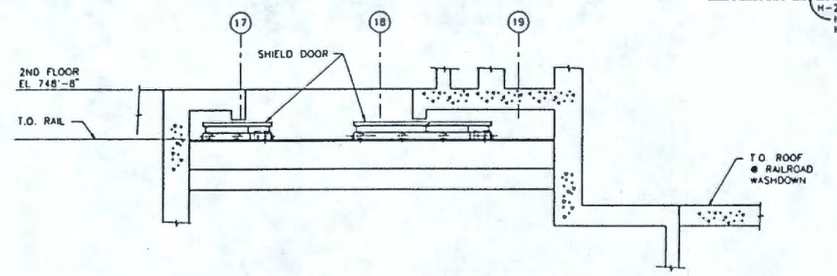


SECTION G
SCALE: 1/4=1'-0"
H-2-118021 & H-2-118022

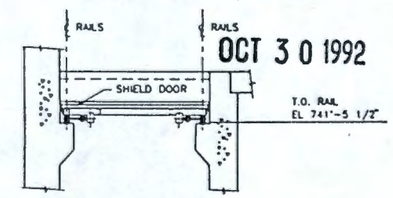


SECTION R
H-2-118028
H-2-118030
H-2-118031

RELEASED FOR PROJECT BASELINE CONTROL

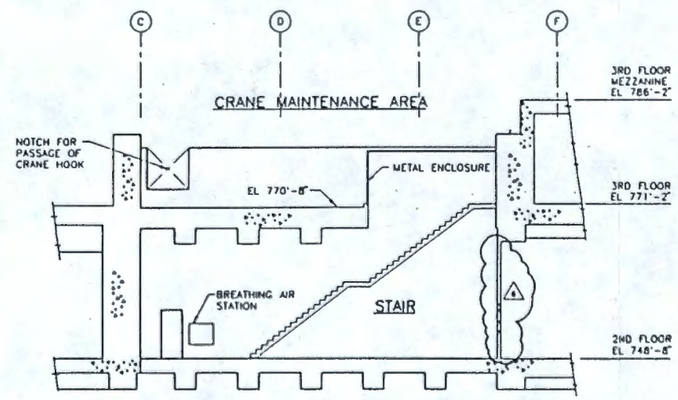


SECTION H
H-2-118028



OCT 3 0 1992

SECTION J
H-2-118028



SECTION P
H-2-118027
H-2-118029
H-2-118031

0 5 10 15 20
REDUCED PRINT SCALE

NOTE:
1. FOR NOTES SEE DRAWING H-2-118021.

6	8/31/92	ADDED ENCODING STRIP REVISED EXHAUST TUNNEL & ADDED VOID IN SECT F REVISED STAINLESS STEEL DUCT IN SECTION G REVISED CONCRETE WALL IN SECTION P. REVISED ROOF OF STAIR IN SECTION R	NDK	CWW	PRG	CDG
5	8/13/92	DELETED PLST WALL & PLST CHASE & EXTEND 1ST FLOOR MEZZANINE & 2ND FLOOR THRU PLST AREA PER CR-HANP-0518 REVISED ROOF & ROOF ELEVATIONS & DELETED ASSUMPTION NOTES PER CR-HANP-0541. REVISED TUNNEL SLAB THICKNESS PER CR-HANP-0458	NDK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
4	5/21/92	ADDED ASSUMPTION NOTES PER CR-HANP-0518 & CR-HANP-0541 & REVISED STAIR @ SECT P	NK	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
3	10/29/91	ADDED SECTS H, J, P & R PER CR HANP-0480 & ISSUED FOR DESIGN REVIEW	MM	CWW	PRG	CDG
			JLS	AKY	JGK	RNG
2	3/30/91	RELEASED FOR PROJECT BASELINE CONTROL	TJH	CWW	GK	RWK
		PER CR HANP-0480	CDG	FGB	OPC	RNG
1	1/24/91	"RELEASED FOR PROJECT BASELINE CONTROL" WITHDRAWN	VK	DR	GK	ERJ
		PER CR NO HANP-0474	JLS	FGB	OPC	RNG
0	10/29/90	REV'D THICKNESS OF 1ST FLOOR MEZZANINE SLAB & DIRECTIONAL ROOM & PLST WALL WALLS REV'D THICKNESS OF CELL WALL & VOID C & REMOVED [illegible] PER CR NO HANP-0458	VK	CWW	GK RPK	RWK
			JLS	FGB	OPC	RNG
00	9/24/90	RELEASED FOR DETAILED DESIGN	CWW	GK RPK	RPK	RWK
			JLS	FGB	OPC	RNG
REV. NO.	DATE	REVISION DESCRIPTION			APPROVAL INITIALS	

ENGINEERING RELEASE
REV. _____ DATE _____
ECN _____

DRAWN BY	R GIBBONS	9/5/90
ENGINEER	O CHAWLA	9/5/90
DESIGN LEAD	F BROOKS	9/5/90
PROJECT ENGINEER	J SMETS	9/5/90
SUB-LEADER	R KEENAN	9/5/90
SUPERVISOR	R KUMAR	9/25/90
SUPERVISOR	G KUILANOFF	9/25/90
SUPERVISOR	J GOODE	9/27/90
SUPERVISOR	C WASSON	9/27/90

U.S. DEPARTMENT OF ENERGY
Richland Operations Office
DE - AC06-0001, HQ030

FLUOR DANIEL, INC.
ADVANCED TECHNOLOGY DIVISION

GENERAL ARRANGEMENT
VITRIFICATION BUILDING
SECTIONS F, G, H, J, P & R

PROJECT TITLE: HANFORD WASTE VITRIFICATION PLANT

PROJECT	8-595	
CLIENT DRAWING NO.	845724	
SHEET NO.	3104	
SCALE	1/8"=1'-0"	
D.C.N. NO.	1	
MODEL NO.		
SIZE	D	
REV.	1	1
NO.	6	

NONE | NOT REQ'D | H-2-118055

AUTOCAD
M\218055
18 AUG 92
LCO = NDK

93/2975.1540