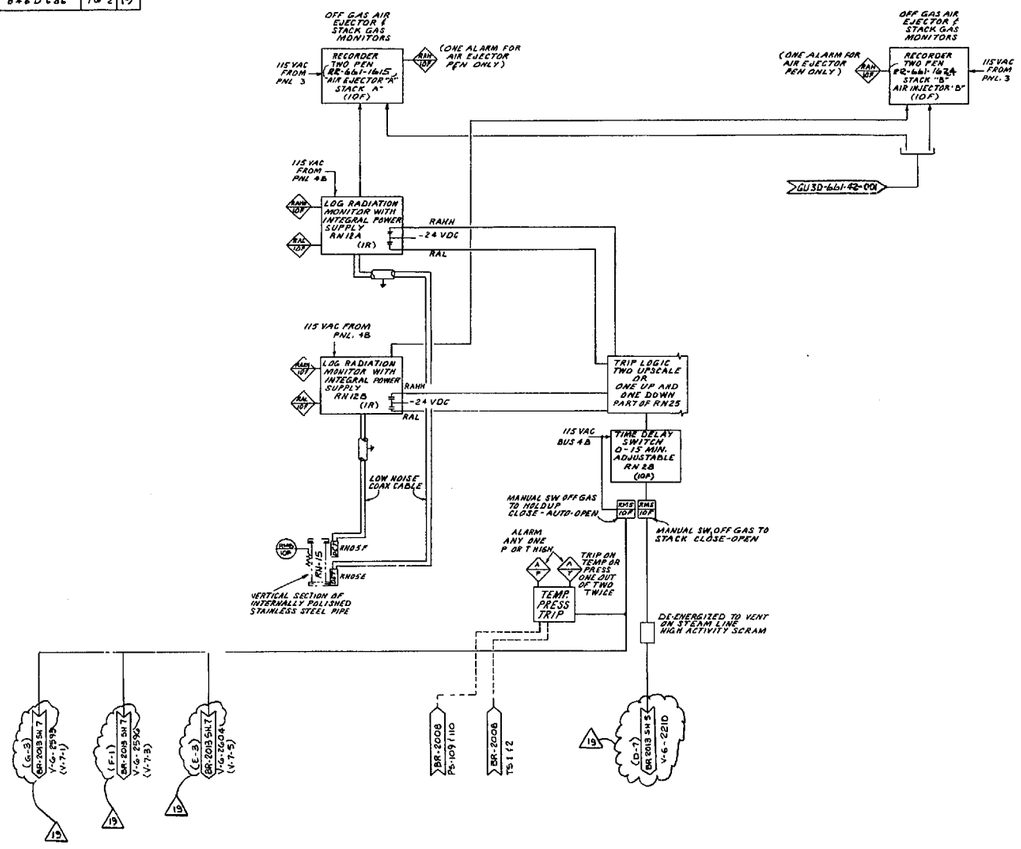
SIZE	DRAWING NO	SHEET	REV
E	GE 846D686	1 OF 2	19



GENERAL NOTES

2 SPECIAL CABLE FOR SCINTILLATION COUNTERS WITH INTEGRAL PAC AMPS.
3 PROCESS RAD. MON CONDUIT GROUNDING TO BE AS SHOWN ON DWG 706F812 SH 13
4 FOR FIELD DETAILS SEE B&R DWG 2008
5 SEE REF DWG B&R 3028
6 RN06 PNL LOCATED IN TURBINE BASEMENT
7 SEE REF DWG B&R 3013 FOR A C BUS
8 SEE B&R DWG 2008 FOR REF

10 SEE DWG GE 148F742 FOR PROCESS RADIATION MONITOR ELEMENTARY DIAGRAM
11 SEE DWG SI 5001-C4 FOR RN08MS DRAWING INDEX

LEGEND

SJAE - STEAM JET AIR EJECTOR
RAH - RADIATION ALARM HIGH
DET - GAMMA DETECTOR
FAL - FLOW ALARM-LOW
FIS - FLOW INDICATING SWITCH
FC - FAIL CLOSE

REF. DWG.
G.E 846D217

SUPERSEDES G.E DWG SAME NO REV. 7

FCF 191X688-887

REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	SUPV DWG	ENGINEERING	MANAGER	DATE
19	-	NL 5-19-93 DRN # 143904				N/A		5-21-93
18	-	ECN-C032501				N/A		7-21-92
17		ECN-C05247				N/A		4/20/89
16	-	ECN-C045781				N/A		5/7/87
15	-	ECN-C045795				N/A		11/16/87

REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	SUPV DWG	NTS APPVL	ENGINEER	MANAGER	DATE
14	-	DRN # 148 742 (GU 4-14-89)				N/A			3/14
13	-	ECN-C032509				N/A			3/14
12	-	ECN-C032502				N/A			3/14
11	-	ECN-C051686				N/A			3/14

NO	REVISION	DRN	DWN BY	CHK BY	APPROVED BY & DATE
10	REVISED PER DCN WE940 AND DCRN 1872				
9	MAIN CANAL MONIT S/G ADDED RIGHT CANAL MONITORS ADDED VERIFIED CORRECT TO DRN # 148				
	REDRAWN TO UPDATE ACCORDING TO RECENT HALCOMB VENDOR CHANGE				

JERSEY CENTRAL POWER & LIGHT CO.
GENERATION DEPARTMENT

OYSTER CREEK NUCLEAR GENERATING STATION

PROCESS RADIATION MONITOR SYSTEM

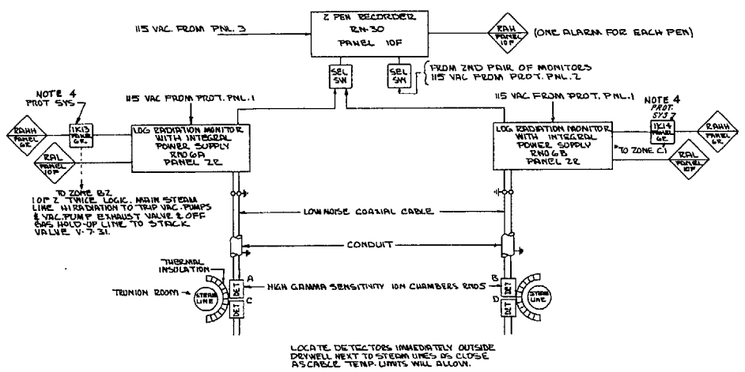
SIZE	TOLERANCES	SCALE
E	—	—

DRAWING NO	SHEET	REV
G.E. 846 D 686	1 OF 2	19

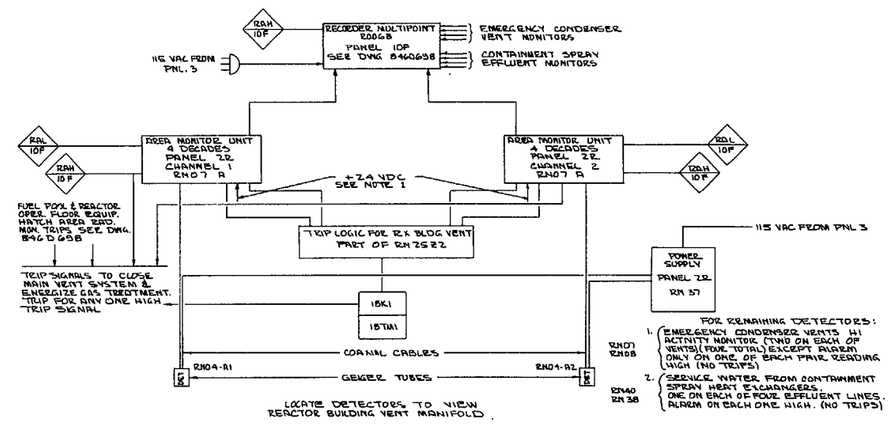
(IN THEORY)

SIZE	DRAWING NO.	SHEET	REV.
E	G.E 846 D 686	2 of 2	4

STEAM LINE HIGH ACTIVITY MONITORS
DUAL CHANNELS A & B SHOWN
(TYPICAL FOR CHANNELS C & D)

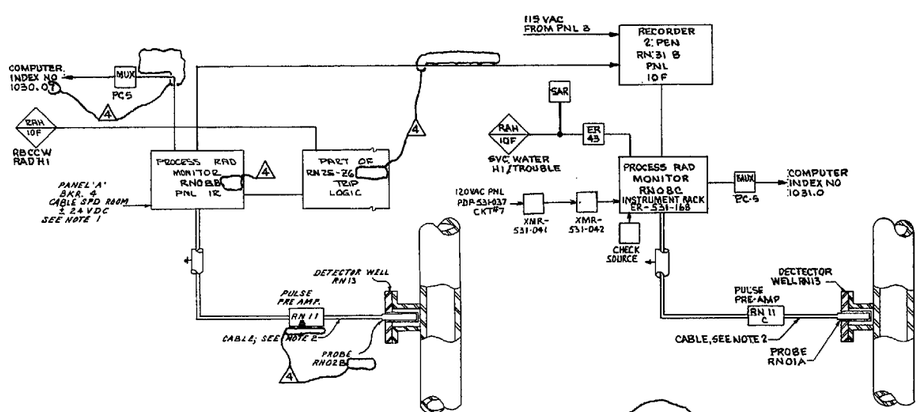


REACTOR BUILDING
VENT MANIFOLD ACTIVITY MONITORS

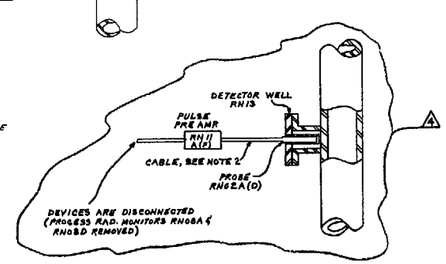


LIQUID PROCESS MONITOR

LIQUID PROCESS MONITOR



TYPICAL FOR:
1. RAD. WASTE SYS. DISCHARGE TO CANAL RN02 LO SENS. (2 CHANNELS) RN02A & RN02D
2. REACTOR BLDG CLOSED COOLING WATER SYS. RN02 LO SENS.
3. REACTOR SERVICE WATER SYSTEM DISCHARGE RN01A HIGH SENS.
4. REF G.E. 148F743 TO IDENTIFY RN02 PROBES
5. PROBE RN02D. P.P.A. RN11P. P.R.M. RN08D.



NOTES -
1. REF. DWG. BER 3028 RN2 FOR D.C. PWR.
2. SPECIAL CABLE FOR SCINTILLATION COUNTERS WITH INTEGRAL PRE-AMPS.
3. 4
4. RELAY 1K13, 1K14, 2K13, & 2K14 FUNCTION JUMPERED OUT.

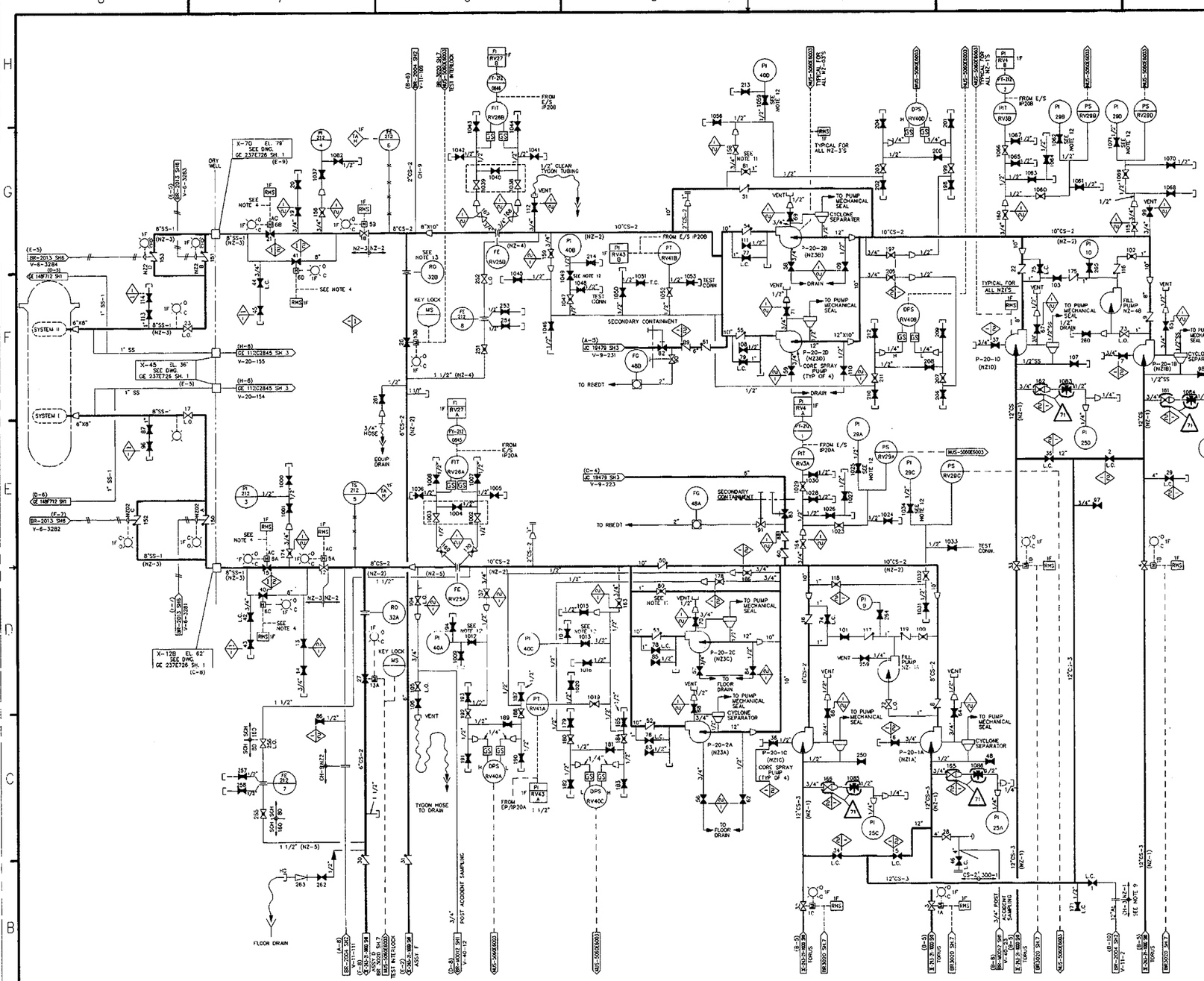
USE 4

NO	REVISION	DRAWN	CHK'D	APP'D	APPROVED BY & DATE
4	[illegible] FCN 098622	N/A	[illegible]	[illegible]	
3	[illegible] FCN 098259	N/A	[illegible]	[illegible]	
2	REDRAWN [illegible] FCN 072358	N/A	[illegible]	[illegible]	
1	[illegible] FCN 070017	N/A	[illegible]	[illegible]	
0	MANUAL - TO UPDATE ACCORDING TO RECENT MALFUNCTIONS REVISED CORRECT	KAR	APT		

JERSEY CENTRAL POWER & LIGHT CO.
GENERATION DEPARTMENT
OYSTER CREEK NUCLEAR GENERATING STATION
PROCESS RADIATION MONITOR SYSTEM

SIZE E | TOLERANCES — | SCALE —
DRAWING NO. G.E. 846 D 686 | SHEET 2 of 2 | REV 4

STICK # 33 66



REVISIONS		
REV	ZONE	DESCRIPTION
71	C-3,4 F-2,3	ECD C402971

NOTES:

1. ALL VALVES ARE PREFIXED V-20 UNLESS OTHERWISE NOTED.
2. PIPE CLASSIFICATION:
   CS-1--CARBON STL. SUBJECT TO NUCLEAR SYSTEM PRESSURE & TEMP. APPROX. DESIGN PRESSURE 1250 PSIG @ 575°F.
   CS-2--CARB. STL. NOT SUBJECT TO NUCLEAR SYS. PRESS & TEMP. APPROX. DESIGN PRESSURE 300 PSIG @ 350°F.
   CS-3--CARBON STEEL NOT SUBJECT TO NUCLEAR SYSTEM PRESS. & TEMP. APPROX. DESIGN PRESSURE 150 PSIG @ 200°F.
   SS-1--STN. STL. SUBJECT TO NUCLEAR SYS. PRESS. & TEMP. APPROX. DESIGN PRESSURE 1250 PSIG @ 575°F.
   (FOR LAYOUT ONLY. DETAILED CLASS. LATER)
3. POSITION INDICATOR LIGHTS WHICH ARE ENERGIZED BY THE POSITION SWITCHES WHEN VALVE STEM IS OPEN (O) AND WHEN STEM CLOSED (C). RED LIGHT FOR OPEN (O), GREEN LIGHT FOR CLOSED (C). AT INTERMEDIATE POSITIONS, BOTH LIGHTS ARE ON.
4. CORE SPRAY SYSTEM PUMPS AND VALVES ARE ENERGIZED BY ACTUATION OF THE LOW-LOW REACTOR WATER LEVEL SWITCHES (REQ2 A, B, C & D) OR HIGH DR-WELL PRESS. SWITCHES (REQ4A, B, C, D). VALVES WILL NOT OPEN UNTIL THE LOW REACTOR PRESS. PERMISSIVE SWITCHES (REQ7 A, B, C & D) ARE TRIPPED AS SPECIFIED IN ELEMENTARY DIAG MUS-5060E6003 SH. 1, 8 & 2-3020 SH.7, AND GE-237E726 SH. 2.
5. ON NORMAL POWER, ONE CORE SPRAY PUMP IN EACH SPRAY LOOP OPERATES SIMULTANEOUSLY. AFTER A 5 SEC. TIME DELAY WITH SUFFICIENT SUCTION PRESS., ONE CORE SPRAY BOOSTER PUMP IN EACH LOOP OPERATES SIMULTANEOUSLY. ON EMERGENCY POWER, ONLY ONE CORE SPRAY PUMP IS ENERGIZED AND AFTER A 5 SEC. TIME DELAY, A CORE SPRAY BOOSTER PUMP IN THE SAME LOOP OPERATES. FOR FURTHER DETAILS SEE MUS-5060E6003
6. FOR EQUIPMENT MARKED NZXX OR RVXX SEE "CORE SPRAY SYSTEM" 191X698.
7. EQUIP. & INST. NOS. ARE PREFIXED BY 1802 AND ARE LISTED ON "EQUIP. FURNISHED BY AE" 1844828.
8. PUMPS ARE TESTED ONE AT A TIME BY OPENING V-20-26 OR V-20-27 & RECIRCULATING SUPPRESSION POOL WATER.
9. ELECTRICAL INSULATED FLANGES.
10. 1/2" MECHANICAL SHAFT SEAL DRAIN TO FLOOR DRAIN IS TYPICAL OF ALL 8 PUMPS OF THIS DWG.
11. VALVES V-20-81 & V-20-80 SHALL BE CRACKED OPEN SO AS TO PROVIDE PRESSURE INTO THE SYSTEM TO THE CHECK VALVE ON THE DISCH. SIDE OF THE CORE SPRAY PUMPS.
12. THIS INSTR. IS USED DURING SURVEILLANCE TESTING ONLY. THEREFORE THE ISOLATION VALVES ARE NORMALLY CLOSED.
13. RESTRICTION ORIFICE RO-32B WAS BORED TO THE ID OF THE 6" PIPE.
14. INTERNALS REMOVED ON CHECK VALVES V-20-10, V-20-11, V-20-38 & V-20-39.
15. NUMBERS IN PARENTHESIS ARE A.E. IDENTIFICATION NUMBERS.
16. BLACK LINE PLOTS ARE FOR NORMAL USE. COLOR PLOTS ARE FOR ISI USE ISI LEGEND REFERS TO COLOR PLOTS ONLY.

COLOR LEGEND:

CLASS 1 - BLUE
CLASS 2 - RED
NON-CLASS (-) - BLACK

CAD FILE NAME: GE 885D781 S1 R71
REVISION 64 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE V3E_212.21.0100.001-.6401
REVISION 33 OF THIS DRAWING WAS REDRAWN FROM PART OF GE 885D781, REV 29

NO.	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

REFERENCES

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN: NANCY A. CARLSON 02/19/01
CHECKED: D.ABBRUSCATO 02/19/01
DESIGN VERIFIED: 2/20/01
CHECKED: N/A
DESIGNATED ENGINEER: N/A
MODIFICATION CONCURRENCE: N/A

AmerGen

CORE SPRAY SYSTEM
FLOW DIAGRAM

OYSTER CREEK | DWG. NO. GE 885D781 | SH. 1 OF 1 | REV. 71
SCALE : NONE
PIMS # N/A

DWG NO. GE 885D781 SH. 1 OF 1

ISO SYMBOLS AND LEGEND

PROCESS PIPING

- 3" OR ABOVE
- 2" OR BELOW
- REDUCER
- CAP
- SCREWED CAP
- HOSE CONNECTION
- FLANGE
- RO — RESTRICTING ORIFICE
- EXPANSION JOINT
- DRAIN

VALVES

- GATE
- GLOBE
- STOP CHECK
- CHECK
- SPRING CHECK
- AIR OPERATED GATE
- EXPLOSIVE VALVE
- FLOW CONTROL VALVE
- ELECTROMAGNETIC RELIEF VALVE
- BUTTERFLY
- VACUUM BREAKER

VALVES (con't)

- SOLENOID OPERATED VALVE
- RELIEF VALVE
- AIR OPERATED FLOW CONTROL VALVE

VALVE STATUS

- OPEN DURING NORMAL OPERATION
- L.O. — LOCKED OPEN
- CLOSED DURING NORMAL OPERATION
- L.C. — LOCKED CLOSED
- THR — THROTTLED
- N.O. — OPEN DURING NORMAL OPERATION
- N.C. — CLOSED DURING NORMAL OPERATION
- OPEN DURING NORMAL OPERATION
- CLOSED DURING NORMAL OPERATION

MISCELLANEOUS

- CENTRIFUGAL PUMP
- SUBMERGED SUCTION CENTRIFUGAL PUMP
- FILTER
- RUPTURE DISC
- AO — AIR OPERATED
- MO — MOTOR OPERATED
- FE — FLOW ELEMENT
- POSITION INDICATING LIGHT (OPEN - CLOSED)
- LINE NUMBER
- VALVE NUMBER
- CONTINUATION
- CLASS BREAK

INSTRUMENTATION

- PT — PRESSURE TRANSMITTER
- PI — PRESSURE INDICATOR
- dPT — DIFFERENTIAL PRESSURE TRANSMITTER
- SP — SAMPLE POINT
- PX — PRESSURE CONNECTION

LEGEND

1. ALL DRAWINGS ARE FOR ISI PURPOSES ONLY AND REFLECT AS-BUILT CONDITIONS AT THE TIME OF WALKDOWN.
2. ONLY INSTRUMENTATION NECESSARY FOR PUMP AND VALVE TESTING IS INCLUDED.
3. CLASS BOUNDARY IDENTIFICATION
   - ASME CLASS 1
   - ASME CLASS 2
   - ASME CLASS 3
   - NON-NUCLEAR SERVICE

   AUGMENTED INSPECTION PROGRAM IS INDICATED WITH A +
   e.g.

ISOMETRIC SYMBOLS AND LEGEND

PROCESS PIPING

- MAJOR PIPING
- PIPING CONTINUED ON GPC ISOMETRICS
- PIPING BROKEN FOR CLARITY
- PIPING CONTINUED ON OTHER THAN GPC ISOMETRICS
- FLANGE
- CAP - WELDED
- CAP - SCREWED
- BRANCH CONNECTION
- REDUCER
- BRANCH

PROCESS PIPING (con't)

- REACTOR NOZZLE
- COUPLING

INDICATORS

- WELD
- SUPPORT - WELDED
- SUPPORT - NON WELDED
- FLOW
- FLOOR SLEEVE, WALL SLEEVE, BIOLOGICAL SHIELD

INDICATORS (con't)

- CONTAINMENT PENETRATION

VALVES

- CHECK VALVE
- ALL OTHER VALVES

MISCELLANEOUS

- CLASS BREAK
- VALVE IDENTIFIER
- WELD IDENTIFIER
- SUPPORT IDENTIFIER (IDENTIFIER OUTSIDE OF CIRCLES ARE BERGEN - PATERSON OR GRINNELL SUPPORT MARK NUMBERS)
- CONTINUATION REFERENCE

INSPECTIONS

SUR	SURFACE
PRS	PRESSURE
VOL	VOLUMETRIC
VIS	VISUAL
HYD	HYDROSTATIC
FLW	FLOW
NIN	NO INSPECTION

LEGEND

1. ALL DRAWINGS ARE FOR ISI PURPOSES ONLY AND REFLECT AS BUILT CONDITIONS AT THE TIME OF WALKDOWN.
2. CLASS BOUNDARY IDENTIFICATION
   - ASME CLASS 1
   - ASME CLASS 2
   - ASME CLASS 3
   - NON - NUCLEAR SERVICE

   AUGMENTED INSPECTION PROGRAM IS INDICATED WITH A +
   e.g.
3. VALVE STATUS HAS NOT BEEN INDICATED.
4. VALVE ACTUATOR TYPE HAS NOT BEEN INDICATED.
5. PIPING HAS BEEN CONTINUED OUT TO FIRST SUPPORT PAST CLASS BREAK.
6. GPC ISOMETRIC DRAWINGS HAVE BEEN REFERENCED TO GPC IN SERVICE DIAGRAMS.
7. CLASS 1 - PIPING 1" AND BELOW NOT DRAWN.
   CLASS 2 - PIPING 2" AND BELOW NOT DRAWN.
8. WELD IDENTIFIER:
   MO - 3 - 123
   - 123 — CONSECUTIVE WELD NUMBER
   - 3 — LINE NUMBER
   - MO — SYSTEM CODE
9. ALL DIMENSIONS ARE FIELD APPROXIMATIONS.

No.	Date	Revisions	By	Ck	DS	CE	PM	DE
2	5/14/79	ISSUED FOR INSPECTION PER NRC I&E BULL. 79-14						
1	3/79	JCP & REVISION						
NO.	DATE	REVISION	BY	CH	ENG	APPROV		
0	7/79	ISSUED FOR ISI ONLY						

Scale ~ | Designed ~ | Drawn D.D. | Chief Engr. WJP

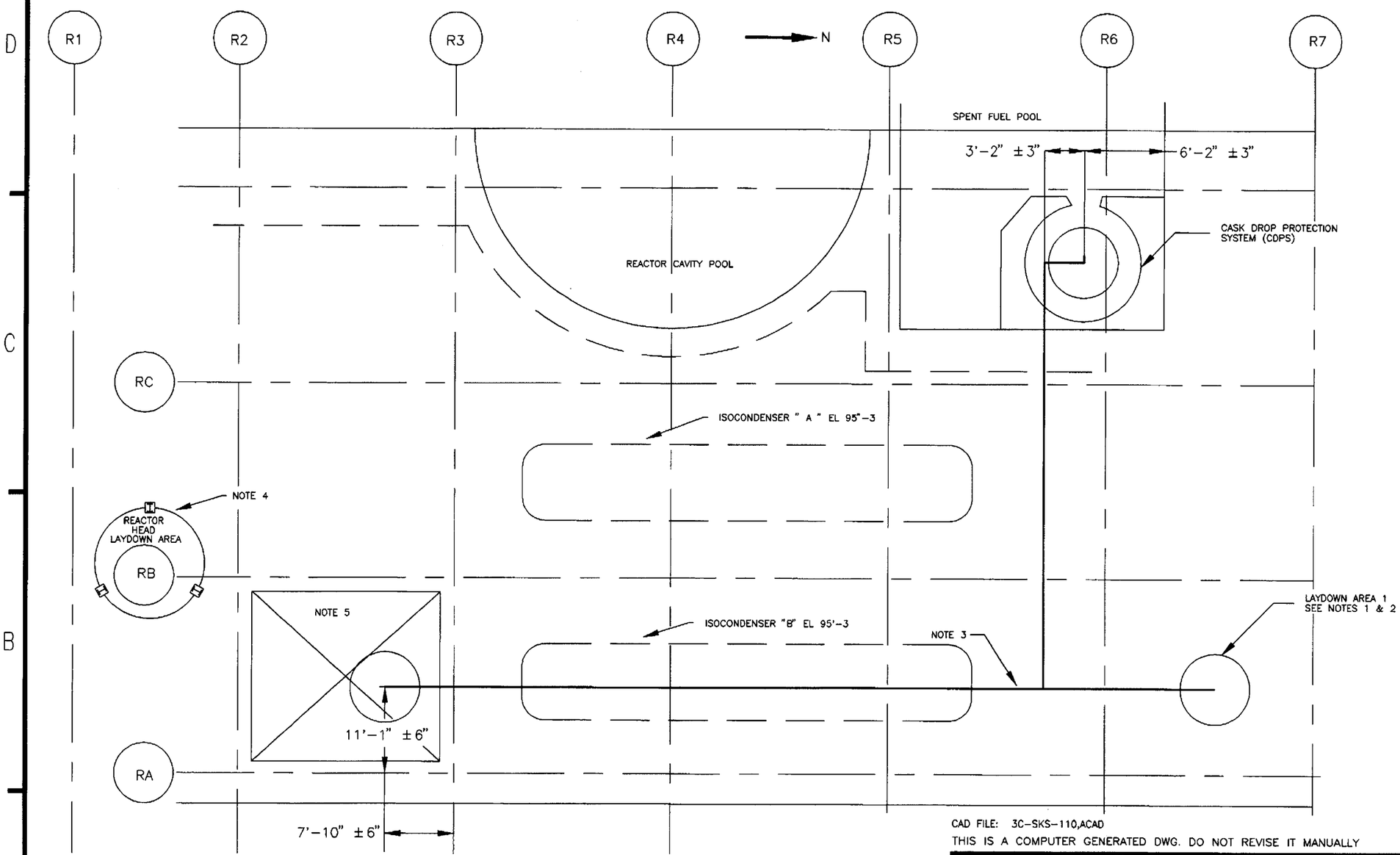
GENERAL PHYSICS CORPORATION
COLUMBIA, MARYLAND

JERSEY CENTRAL POWER & LIGHT CO.
OYSTER CREEK NUCLEAR GENERATING STATION

SYMBOLS AND LEGEND FOR ISO AND ISOMETRIC DRAWINGS

Contract No.	Drawing No.	Rev.
N-14159	JCP-19431	2

REVISIONS			
REV	ZONE	DESCRIPTION	DATE
1		Revised per new cask drop analysis	04/10/96



CAD FILE: 3C-SKS-110.ACAD

THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE IT MANUALLY

REACTOR BUILDING EL.119'-3"

NOTES:
1. AT LAYDOWN AREA 1, ℄ OF THE CASK TO BE NORTH OF COLUMN R6 AND EAST OF RB.
2. CASK PREPARATION AREA.
3. SAFE LOAD PATH IS ESTABLISHED BY SAFETY EVALUATION SE402880-008. REFER TO THIS SAFETY EVALUATION FOR CASK MOVEMENT HEIGHT LIMITATIONS.
4. DRY STORAGE CANISTER WILL BE STORED IN THIS AREA.
5. THE CASK MAY BE SET DOWN ANYWHERE IN THE HATCH AREA AT EL 23'-0

NO	DWG. NO.	TITLE
REFERENCES		

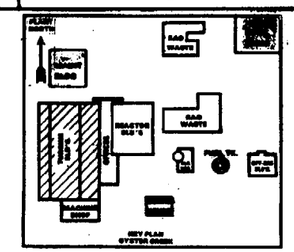
Joe Williams 12/12/95	GPU Nuclear
DRAWN Joe Williams DATE 12/12/95	ISFSI SPENT FUEL CASK SAFE LOAD PATH ELEV. 119'-3"
CHECKED Tony Bombico DATE 12/12/95	
DESIGN LEADER DATE 4/29/96	
ENGINEER DATE 4/29/96	OC — DWG. NO. 3C-SKS-110 — SH. — REV. 1
MANAGER APPROVAL DATE 4-29-96	SCALE:
ENG.MECH.	BA — TASK

DWG.NO. 1C-XXX-XX-XXXX SH.

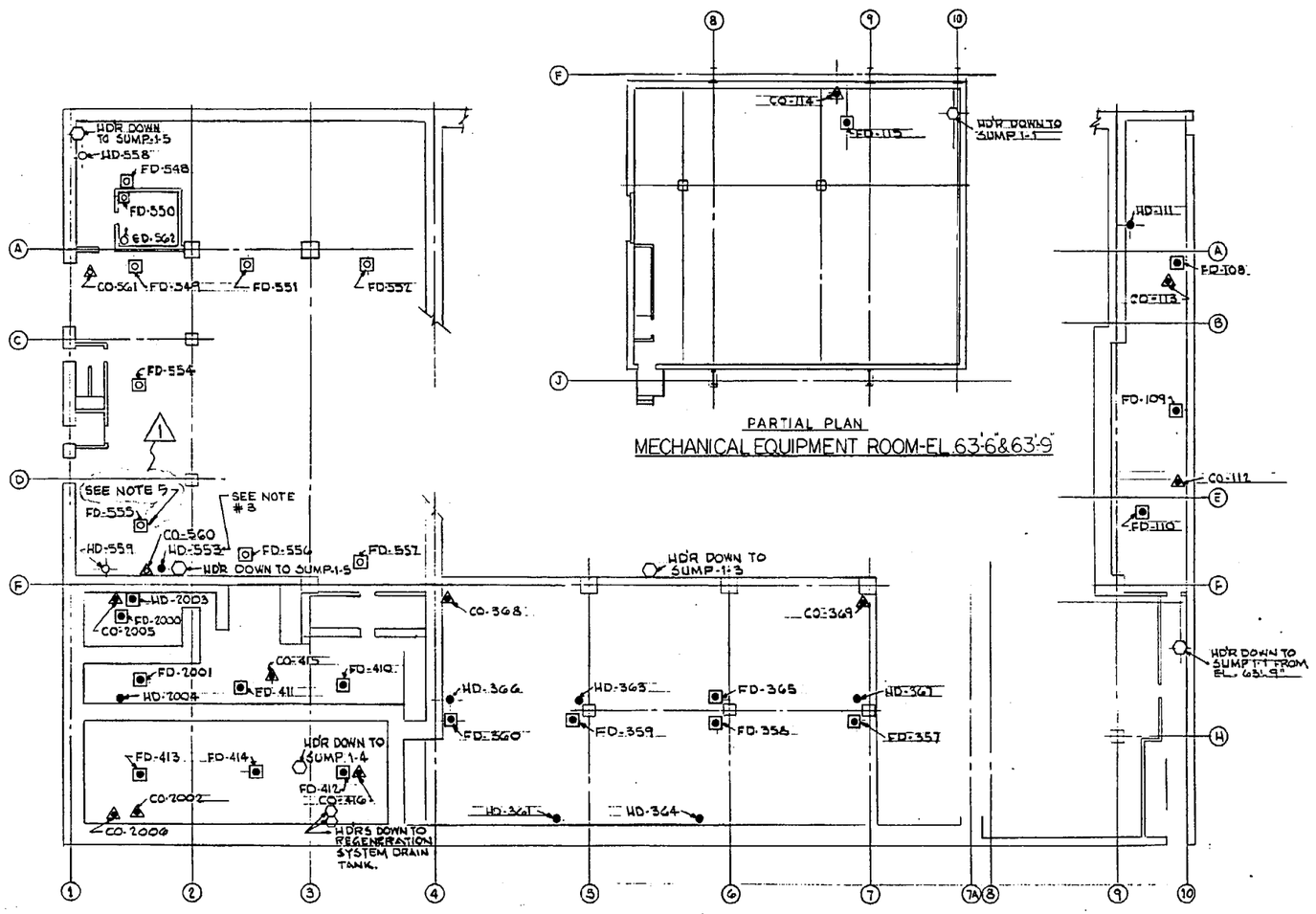
DWG. NO. 3D-151-07-001 SH.1 OF 2

REV.	ZONE	DESCRIPTION						DATE
		DRAWN	CHECKED	DSGN LDR.	ENGINEER	MANAGER		
1	B-8	FCN C096250			N/A			7-28-95

REVISIONS



PLANT NORTH



LEGEND

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1.- ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.

2.- HD/FD/ED/CO- 100 SERIES DRAIN TO SUMP 1-1
200 SERIES DRAIN TO SUMP 1-2
300 SERIES DRAIN TO SUMP 1-3
400 SERIES DRAIN TO SUMP 1-4
500 SERIES DRAIN TO SUMP 1-5
2000 SERIES DRAIN TO REGENERATION WASTE TANK.

3.- HD-559 DRAINS TO THE REGENERATION SYSTEM WASTE TANK THRU THE 1-5 SUMP PUMP DISCHARGE LINE.

4.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.-

5. FLOOR DRAIN PLUGGED TO PREVENT ENTRY OF HAZARDOUS MATERIALS.

1 IN.
1 CM.

NO.	DWG. NO.	TITLE
		REFERENCES

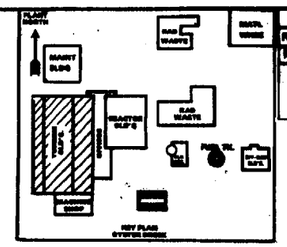
LIBANO	3-28-84	GPU Nuclear
DRAWN S. HNATKO	DATE 7-3-84	GENERAL ARRANGEMENT FLOOR & EQUIPMENT DRAINS TURBINE BUILDING
CHECKED	DATE	
DESIGN LEADER	DATE 7-10-84	
ENGINEER	DATE	
MANAGER APPROVAL	DATE 7-12-84	OYSTER CREEK
ENG. MECH.		BA. / TASK NO.

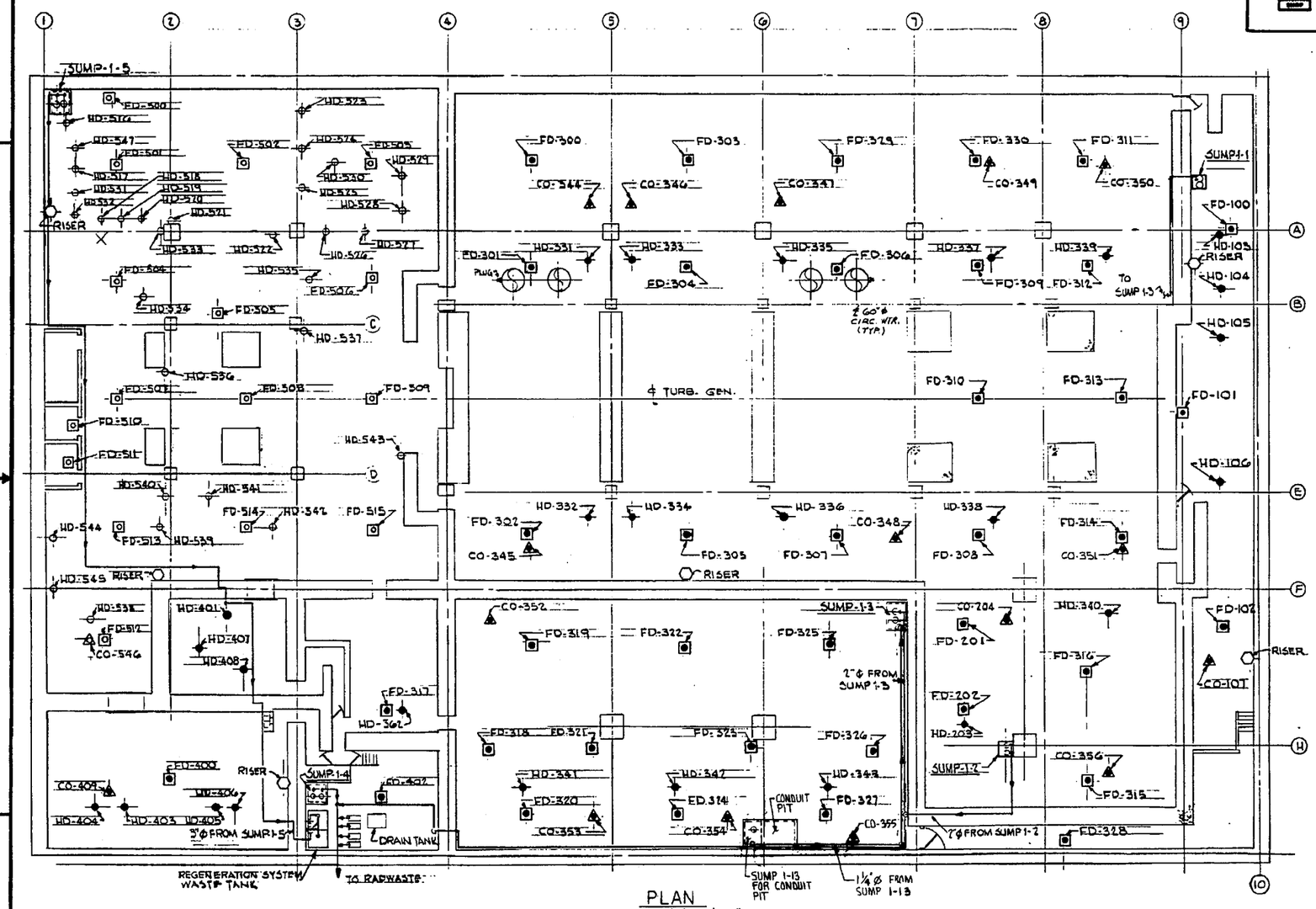
DWG. NO. 3D-151-07-001 SH.1 OF 2 REV. 1
SCALE: NONE

A0000594 8-82

DWG. NO. 3D-151-07-001 SH 2 OF 2

REVISIONS							
REV.	ZONE	DESCRIPTION					
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	SUPV DWG	ENGINEER	MANAGER	DATE
1	A-5	FCN C07321 9					6-20-91





PLAN
ELEV. 0'-0"/3'-6"

LEGEND:

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1.- ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.

2.- HD/FD/ED/CO- 100 SERIES DRAIN TO SUMP 1-1
200 SERIES DRAIN TO SUMP 1-2
300 SERIES DRAIN TO SUMP 1-3
400 SERIES DRAIN TO SUMP 1-4
500 SERIES DRAIN TO SUMP 1-5
2000 SERIES DRAIN TO REGENERATION WASTE TANK

3.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.-

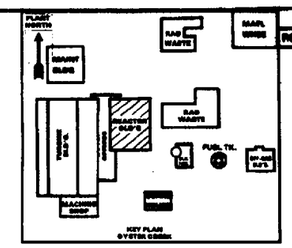
1 IN.
1 CM.

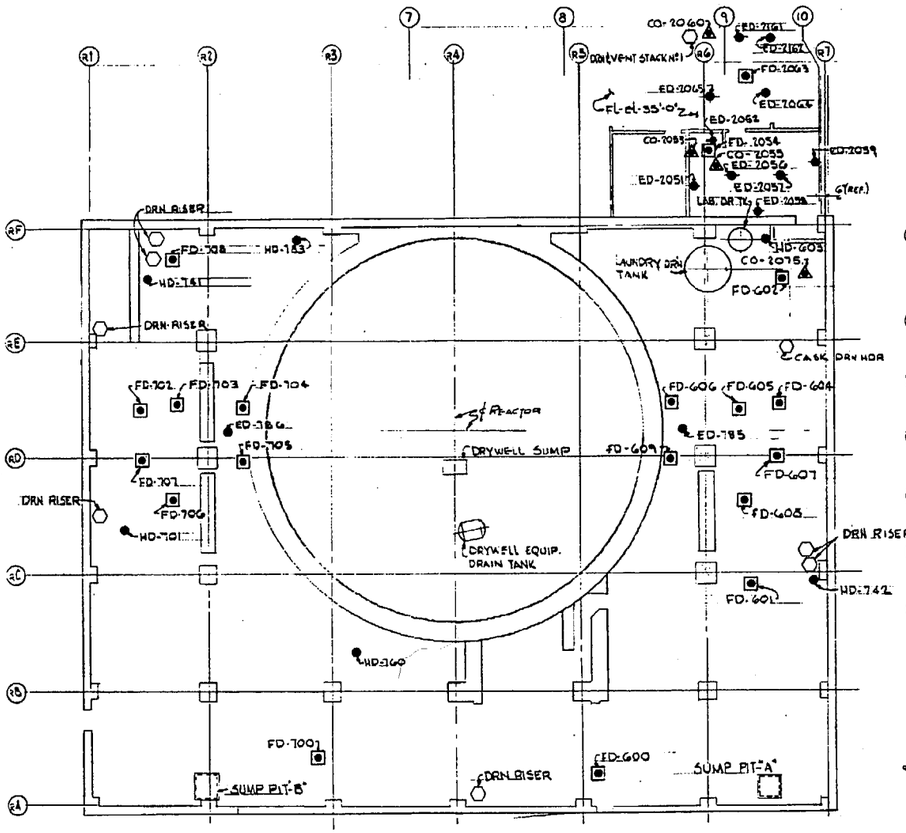
NO.	DWG. NO.	TITLE
		REFERENCES

LIBANO	3-30-84	GPU Nuclear
DRAWN	DATE	
G. HINATKO	7-3-84	GENERAL ARRANGEMENT FLOOR & EQUIPMENT DRAINS TURBINE BUILDING
CHECKED	DATE	
N. Vallean	7-12-84	
DESIGN LEADER	DATE	
ENGINEER	DATE	OYSTER CREEK
Patrick Brady	7/12/84	DWG. NO. 3D-151-07-001 SH 2 OF 2 — REV. 1
MANAGER APPROVAL	DATE	SCALE: NONE
Ward Langford	7-12-84	
ENG. MECH.		SA. / TASK NO.

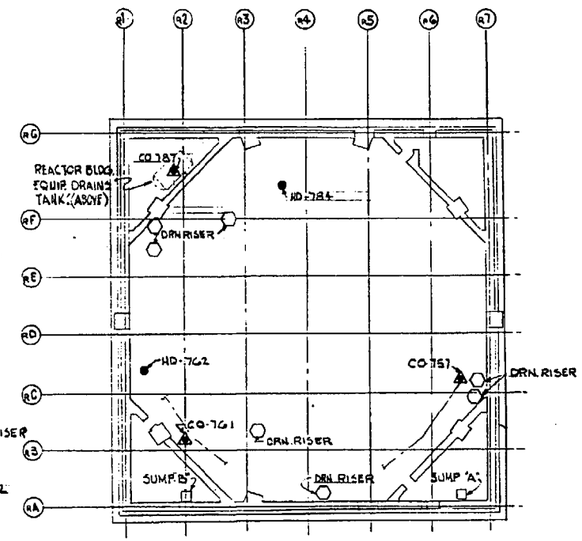
A0000594 8-82

REVISIONS		
REV.	ZONE	DESCRIPTION

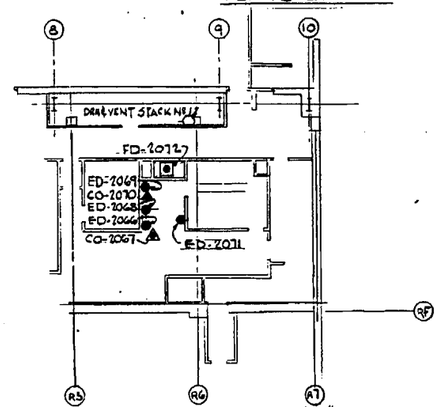




PLAN @ EL. 23'-6"



PLAN @ EL. 19'-6"



PARTIAL PLAN ABV. EL. 23'-6"

LEGEND:

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1. ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.
2. HD/FD/ED/CO- 600 SERIES DRAIN TO SUMP "A"
   700 TO 740 SERIES DRAIN TO SUMP "B"
   741 TO 787 SERIES DRAIN TO R.BLDG. DRAINS TANK
   2051 TO 2059 SERIES DRAIN TO LAB. DRAIN TANK
   2060 TO 2075 SERIES DRAIN TO LAUNDRY DRAIN TANK
   2076 DRAINS TO PORT. 55 GALLON DRUM.
3. CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.

1 IN.
1 CM.

NO.	DWG. NO.	TITLE
		REFERENCES

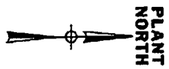
LIBANO	4-2-84	GPU Nuclear
DRAWN	DATE	GENERAL ARRANGEMENT FLOOR & EQUIPMENT DRAINS REACTOR BUILDING
S. HNATKO	7-3-84	
CHECKED	DATE	
W. Vallau	7-12-84	
DESIGN LEADER	DATE	
ENGINEER	DATE	OYSTER CREEK
	7/12/84	DWG. NO. 3D-153-07-001 SH1 OF 2 — REV. 0
MANAGER APPROVAL	DATE	SCALE: NONE
	7-12-84	
ENG. MECH.		BA. / TASK NO.

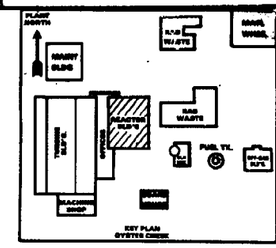
A0000694 8-82

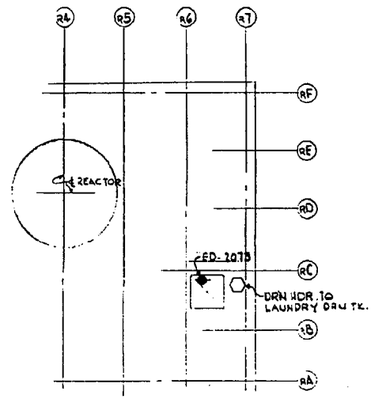
DWG. NO. 3D-153-07-001 SH 2 OF 2

REVISIONS

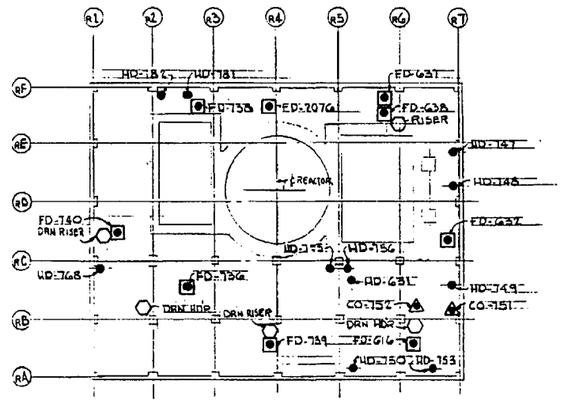
REV.	ZONE	DESCRIPTION



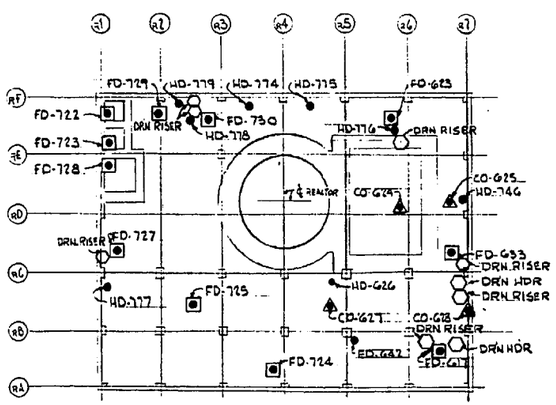




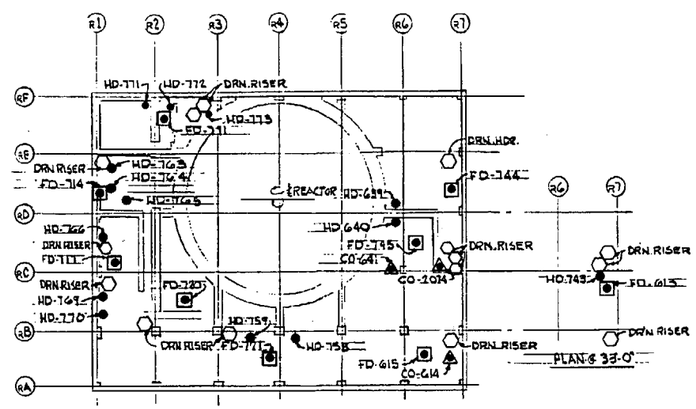
PARTIAL PLAN @ EL. 119'-3"



PLAN @ EL. 95'-3"



PLAN @ EL. 75'-3"



PLAN @ EL. 51'-3"

LEGEND:

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1.- ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.

2.- HD/FD/ED/CO- 600 SERIES DRAIN TO SUMP "A"
700 TO 740 SERIES DRAIN TO SUMP "B"
741 TO 787 DRAIN TO R.BLDG. DRAINS TANK
2051 TO 2059 SERIES DRAIN TO LAB. DRAIN TANK
2060 TO 2075 SERIES DRAIN TO LAUNDRY DRAIN TANK
2076 DRAINS TO PORT 55 GALLONS DRUM.

3.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.-

1 IN.
1 CM.

NO.	DWG. NO.	TITLE
		REFERENCES

LIBANO	4-3-84
DRAWN	DATE
S. HNATKO	7-3-84
CHECKED	DATE
N. Valleau	7-12-84
DESIGN LEADER	DATE
ENGINEER	DATE
Patrick S. Brady	7/12/84
MANAGER APPROVAL	DATE
Mark Sanford	7-12-84
ENG. MECH.	

GPU Nuclear

GENERAL ARRANGEMENT
FLOOR & EQUIPMENT DRAINS
REACTOR BUILDING

OYSTER CREEK

DWG. NO. 3D-153-07-001 SH. 2 OF 2 — REV. 0

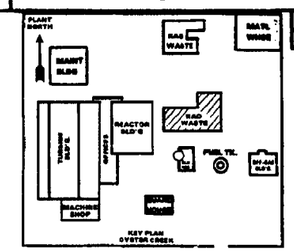
SCALE: NONE

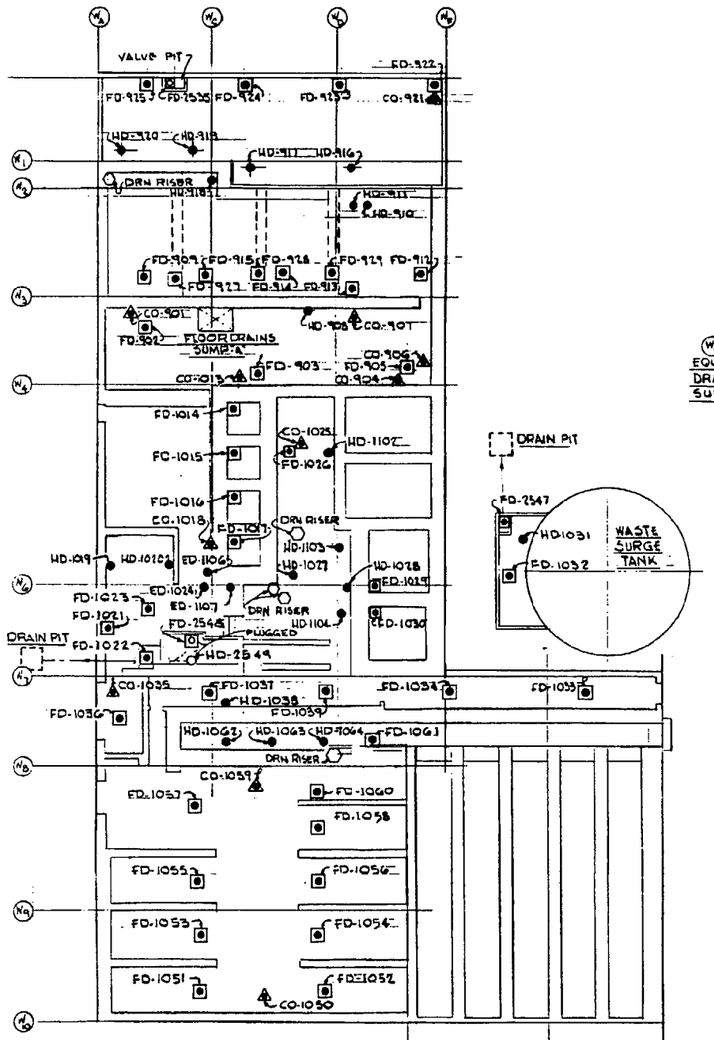
BA. — TASK NO.

A0000694 8-82

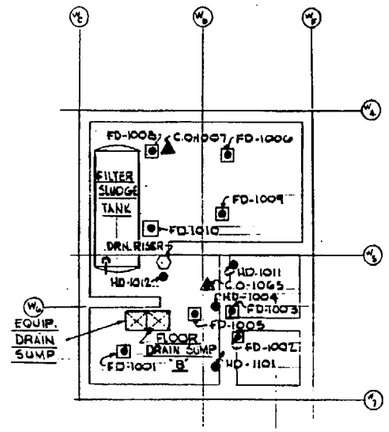
DWG. NO. 3D-154-07-001

REVISIONS		
REV.	ZONE	DESCRIPTION

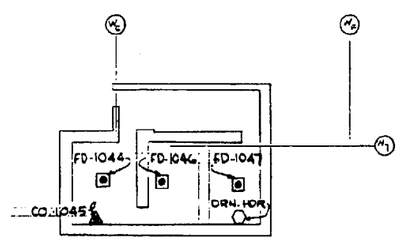




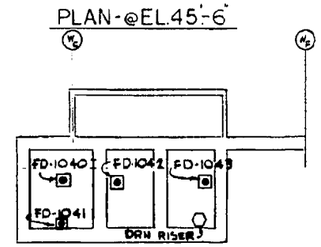
PLAN@EL.22'-0",23'-6"&25'-6"



PLAN @EL.6'-6"



PLAN-@EL.45'-6"



PLAN-@EL.34'-6"& 35'-6"

LEGEND

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES

1.- ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.
2.- HD/FD/ED/CO- 900 SERIES DRAIN TO SUMP "A"
1000 SERIES DRAIN TO SUMP "B"
1100 SERIES DRAIN TO EQUIPMENT DRAIN SUMP
2535 DRAINS TO STORM SEWER
2547, 2548 & 2549 DRAINS TO DRAIN PITS
3.- FD-2548 & HD-2549 ARE MECHANICALLY PLUGGED.-
4.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.

1 IN.
1 CM.

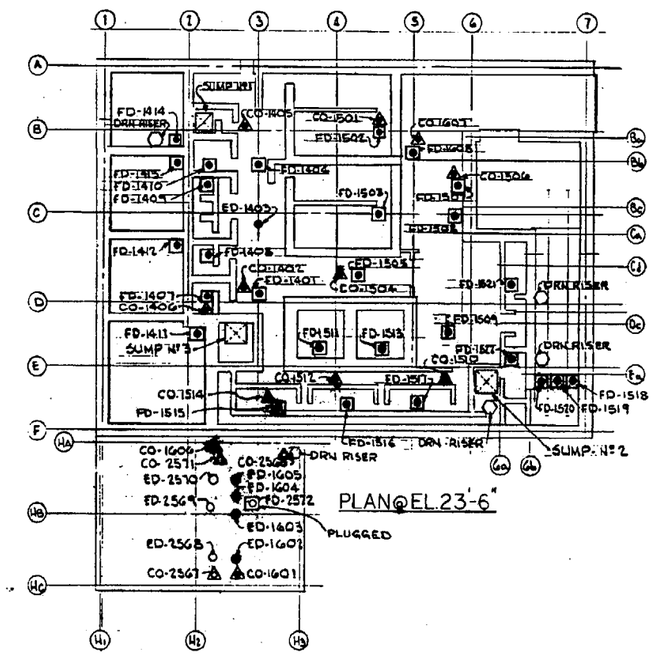
NO.	DWG. NO.	TITLE
REFERENCES		

LIBANO	4-2-84	GPU Nuclear
DRAWN S. HNATKO	DATE 7-3-84	GENERAL ARRANGEMENT FLOOR&EQUIPMENT DRAINS OLD RADWASTE BUILDING
CHECKED W. Valleau	DATE 7-18-84	
DESIGN LEADER	DATE	
ENGINEER Patrick S. Brady	DATE 7/12/84	OYSTER CREEK — DWG. NO. 3D-154-07-001 — REV. 0
MANAGER APPROVAL Mark Sanford	DATE 7-12-84	SCALE: NONE
ENG. MECH.		BA. — TASK NO.

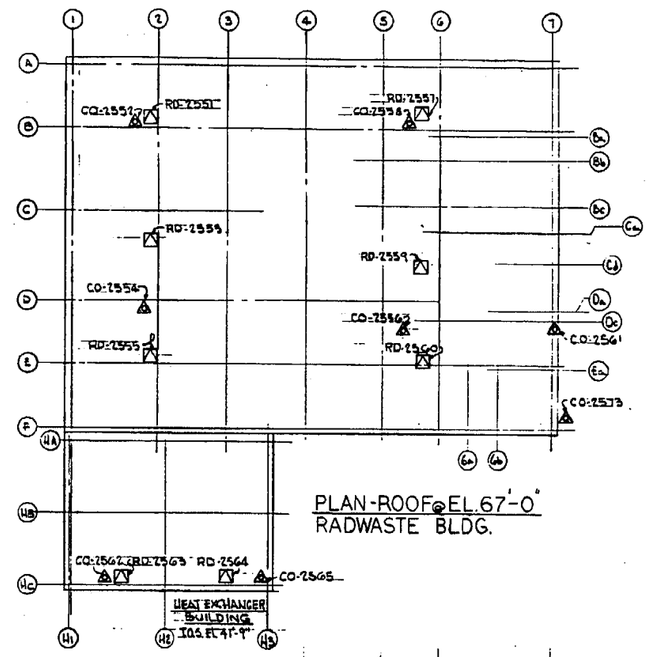
DWG. NO. 3D-155-07-001

REVISIONS		
REV.	ZONE	DESCRIPTION

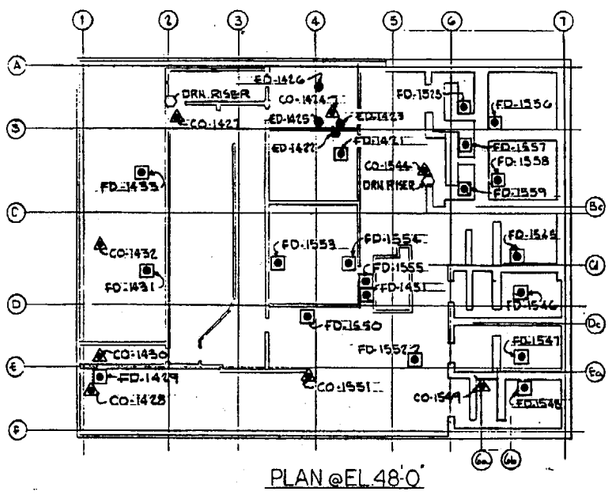
PLANT NORTH



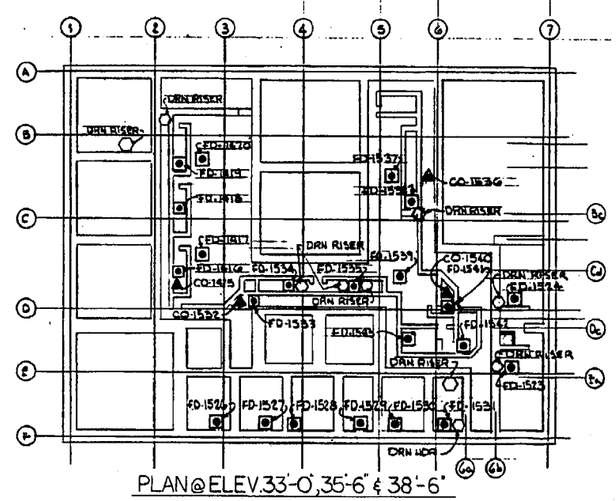
PLAN @ EL. 23'-6"



PLAN-ROOF @ EL. 67'-0"
RADWASTE BLDG.



PLAN @ EL. 48'-0"



PLAN @ ELEV. 33'-0", 35'-6" & 38'-6"

LEGEND:

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD - CONTAMINATED
- ROOF DRAIN - RD - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- CLEAN OUT - CO - CLEAN
- CLEAN OUT - CO - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1.- ROOF DRAINS; ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.

2.- HD/FD/ED/CO- 1401 TO 1433 SERIES, DRAIN TO SUMP NO. 1
1501 TO 1559 SERIES, DRAIN TO SUMP NO. 2
1601 TO 1608 SERIES, DRAIN TO SUMP NO. 3
1451 DRAINS TO WASTE COLLECTION DRAIN TANK 1C
RD/ED/CO.- 2551 TO 2573 SERIES, DRAIN TO STORM SEWERS.

3.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.

1 IN.
1 CM.

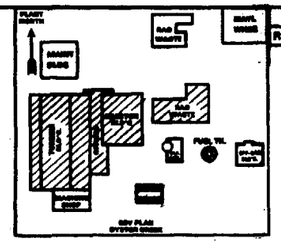
NO.	DWG. NO.	TITLE
		REFERENCES

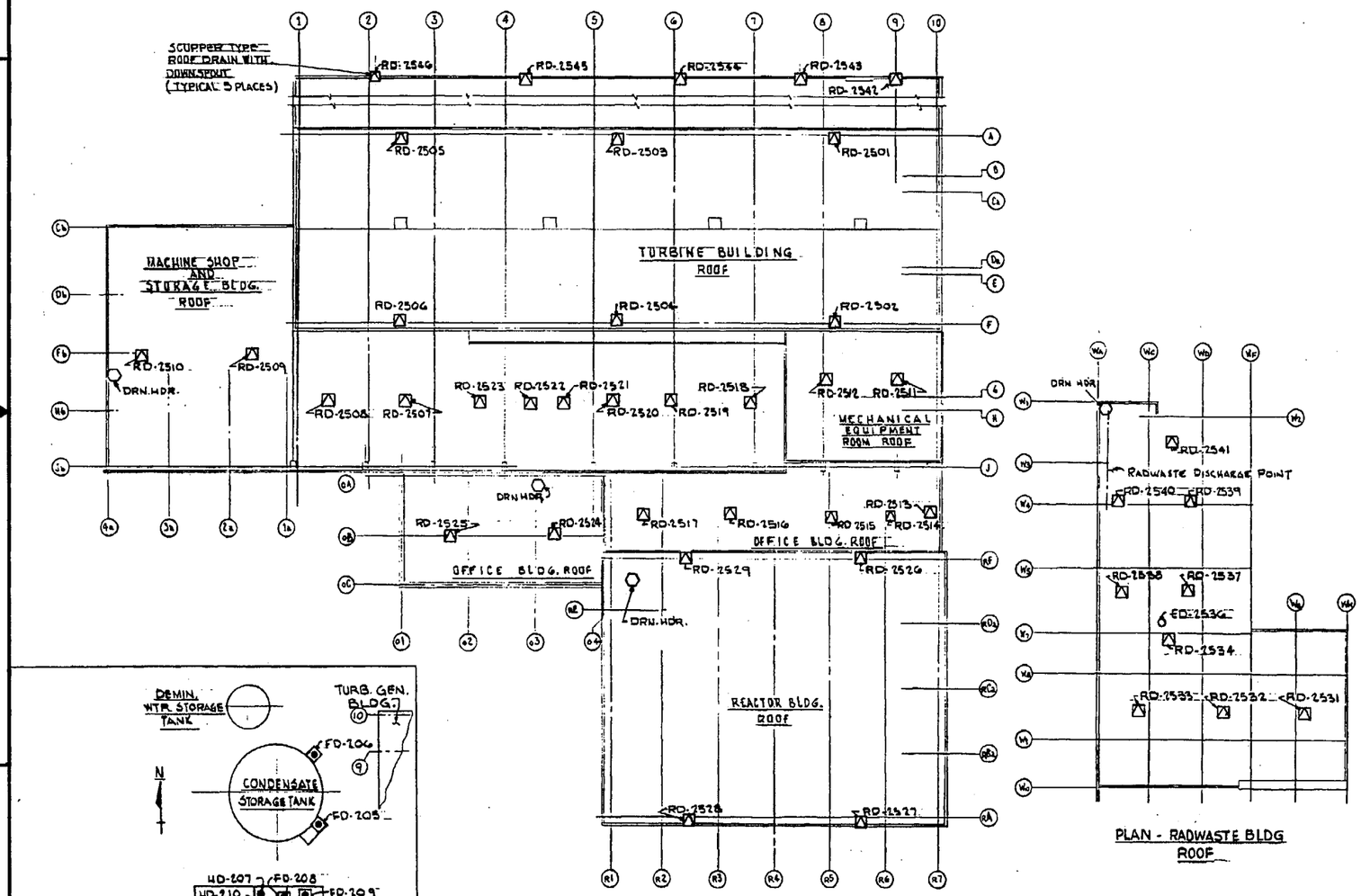
LIBANO 4-2-84 DRAWN DATE	GPU Nuclear	
S. HNATKO 7-3-84 CHECKED DATE	GENERAL ARRANGEMENT FLOOR & EQUIPMENT DRAINS NEW RADWASTE BLDG.	
N. Vallbau 7-12-84 DESIGN LEADER DATE		
ENGINEER DATE 9/12/84	OYSTER CREEK	DWG. NO. 3D-155-07-001 REV. 0
MANAGER APPROVAL DATE 7-12-84		SCALE: NONE
ENG. MECH.		BA. TASK NO.

A0000594 8-82

DWG. NO. 3D-576-07-001

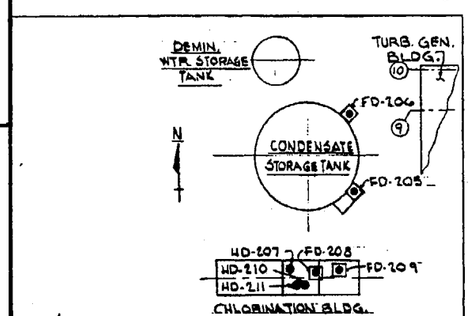
REVISIONS		
REV.	ZONE	DESCRIPTION





PLAN

PLAN - RADWASTE BLDG ROOF



PARTIAL YARD PLAN

LEGEND:

- FLOOR DRAIN - FD - CLEAN
- FLOOR DRAIN - FD- CONTAMINATED
- ROOF DRAIN - RD- CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CLEAN
- HUB DRAIN/EQUIPMENT DRAIN - HD/ED - CONTAMINATED
- DRAIN RISER, VENT OR HEADER

NOTES:

1.- ROOF DRAINS, ROOF DRAIN RISERS, VENTS OR HEADERS ARE CONSIDERED CLEAN.

2.- FD/HD/ED/RD- 205 TO 211 DRAIN THRU 3WAY VALVE TO EITHER STORM SEWER OR TO A 55 GALLON DRUM IN TURBINE/GEN. BLDG.
2500 SERIES DRAIN TO STORM SEWER

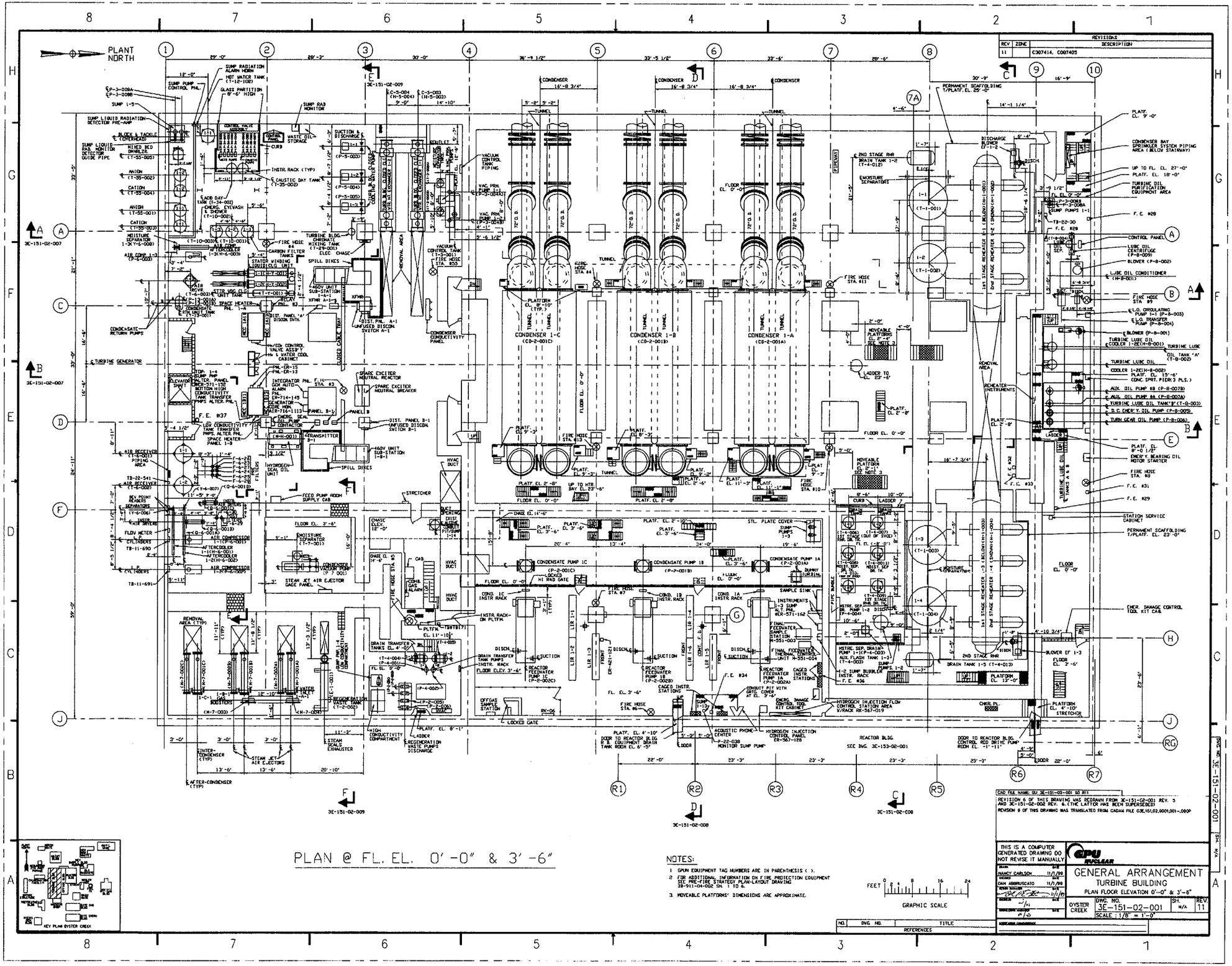
3.- CLEAN DRAINS ARE TO BE MARKED WITH ORANGE SYMBOLS AND WHITE LETTERS.

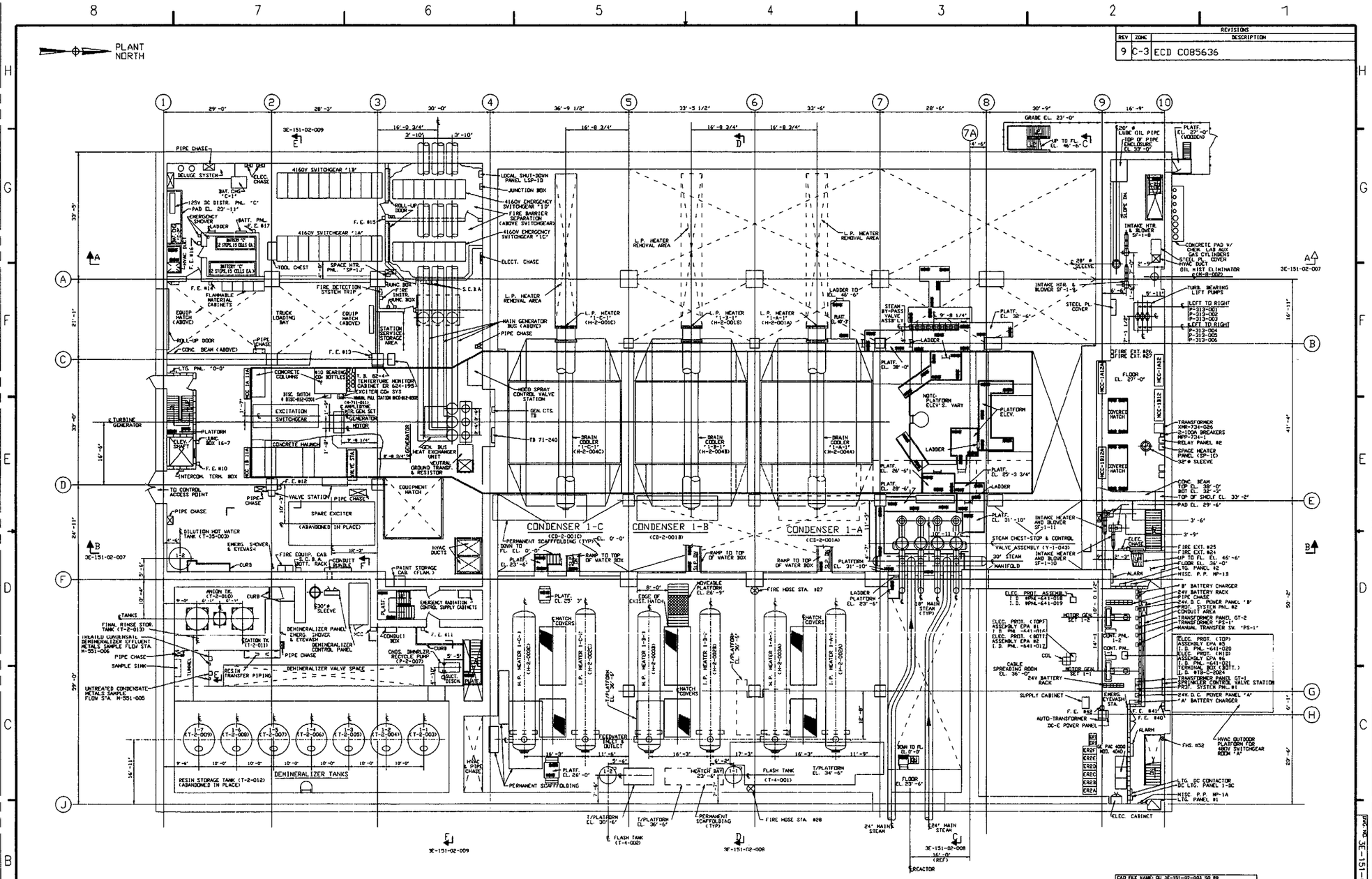
1 IN.
1 CM.

NO.	DWG. NO.	TITLE
		REFERENCES

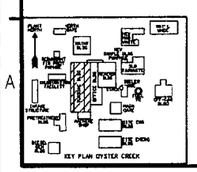
DRAWN: LIBANO	DATE: 3-30-84	GPU Nuclear
CHECKED: S. HNATKO	DATE: 7-1-84	GENERAL ARRANGEMENT ROOF DRAINS & OVERBOARD DISCH. SYS.
DESIGN LEADER: D. Vallone	DATE: 7-12-84	
ENGINEER: Patrick J. Brady	DATE: 7/12/84	OYSTER CREEK
MANAGER APPROVAL: Mark Stanford	DATE: 7-12-84	DWG. NO. 3D-576-07-001 REV. 0
ENG. MECH.		SCALE: NONE
		BA. / TASK NO.

A0000584 5-83


PLANT NORTH
CONDENSER 1-C
CONDENSER 1-B
CONDENSER 1-A
REACTOR BLDG.
SEE DWG. 3E-153-02-001
REVISIONS
REV ZONE DESCRIPTION
11 C307414, C007405
PLAN @ FL. EL. 0'-0" & 3'-6"
NOTES:
1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).
2. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-002 SH. 1 TO 6.
3. MOVEABLE PLATFORMS' DIMENSIONS ARE APPROXIMATE.
GRAPHIC SCALE
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY
GPU NUCLEAR
GENERAL ARRANGEMENT
TURBINE BUILDING
PLAN FLOOR ELEVATION 0'-0" & 3'-6"
OYSTER CREEK
DWG. NO. 3E-151-02-001
SH. N/A
REV. 11
SCALE : 1/8" = 1'-0"
REFERENCES
KEY PLAN OYSTER CREEK



PLAN @ FL. EL. 23' -6"



NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).
2. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-002 SH. 7 TO 12.

FEET 0 2 4 8 16 24
GRAPHIC SCALE

NO.	DWG. NO.	TITLE
		REFERENCES

REVISIONS

REV	ZONE	DESCRIPTION
9	C-3	ECD C085636

CAD FILE NAME: GU 3E-151-02-003 SO R9

REVISION 5 OF THIS DRAWING WAS REDRAWN FROM 3E-151-02-003 REV 4 AND 3E-151-02-004 (THE LATTER HAS BEEN SUPERCEDED)

REVISION 7 OF THIS DRAWING HAS BEEN TRANSLATED TO AUTOCAD FROM CAD FILE G3E151.02.0003.001-.0701

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN: NANCY CARLSON 11/2/99
CHECKED: DAN ARBRUSCATO 11/2/99
DESIGN ENGINEER: N/A
CHECKED: N/A
ENGINEERING DIVISION: 11/1/99
NOTIFICATION CONCURRENCE:

GPU NUCLEAR

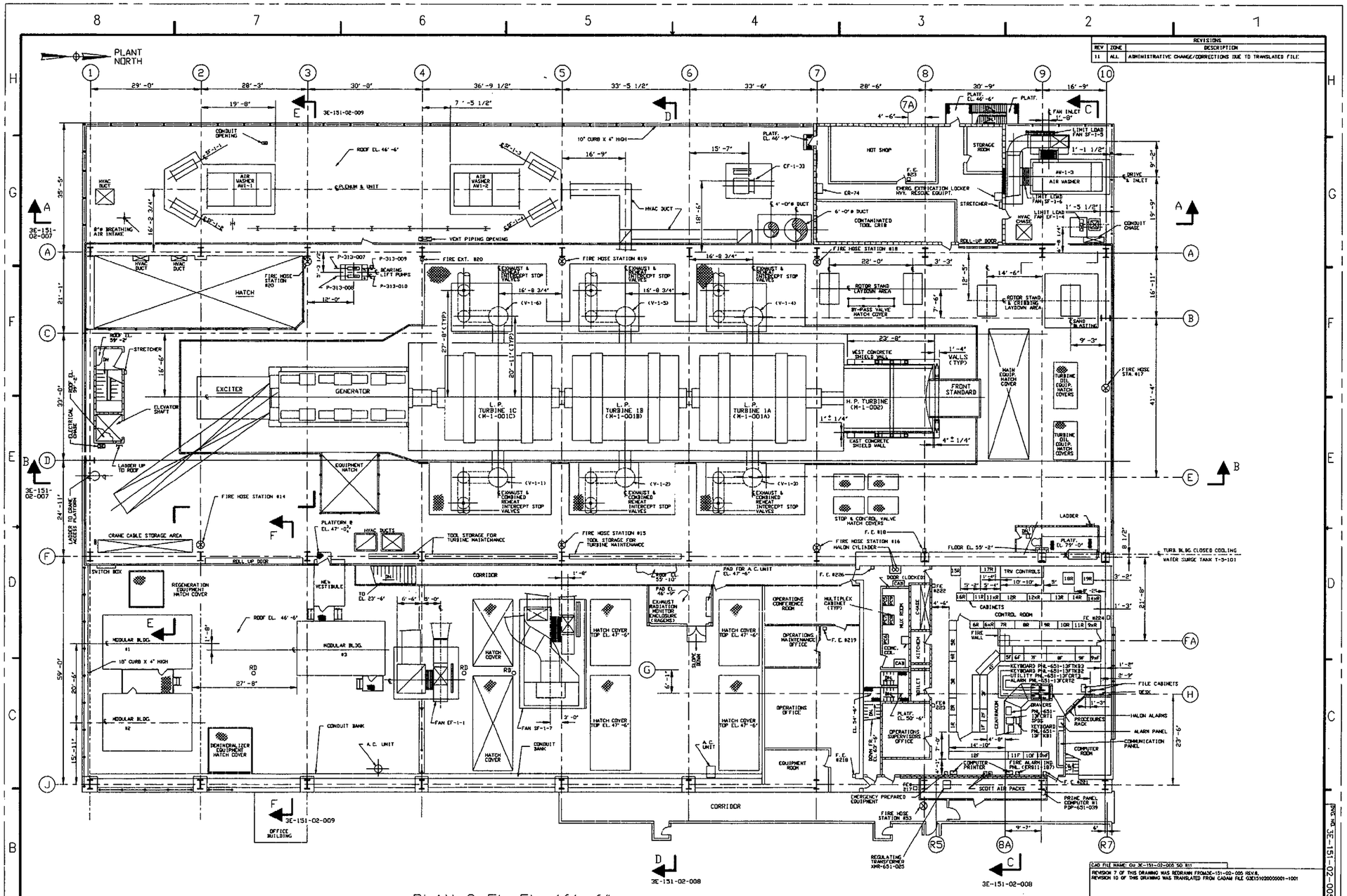
GENERAL ARRANGEMENT
TURBINE BUILDING
PLAN FLOOR ELEVATION 23'-6"

OYSTER CREEK

DWG. NO. 3E-151-02-003 SH. N/A REV. 9

SCALE : 1/8" = 1'-0"

DWG. NO. 3E-151-02-003 SH. N/A



PLAN @ FL. EL. 46' -6"

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).
2. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-002 SHEETS 13 TO 18

FEET 0 2 4 8 16 24

GRAPHIC SCALE

NO.	DWG. NO.	TITLE
1	DUFRANE 0596-01	HPTB REMOVEABLE CONCRETE WALL

REFERENCES

CAD FILE NAME: GU 3E-151-02-005 SO R11

REVISION 7 OF THIS DRAWING WAS REDRAWN FROM 3E-151-02-005 REV.8.
REVISION 10 OF THIS DRAWING WAS TRANSLATED FROM CADAM FILE G3E151020005001-1001

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

NANCY CARLSON	4/30/99	
	11/1/99	
	11/1/99	

GPU NUCLEAR

GENERAL ARRANGEMENT
TURBINE BUILDING
PLAN FLOOR ELEVATION 46'-6"

OYSTER CREEK

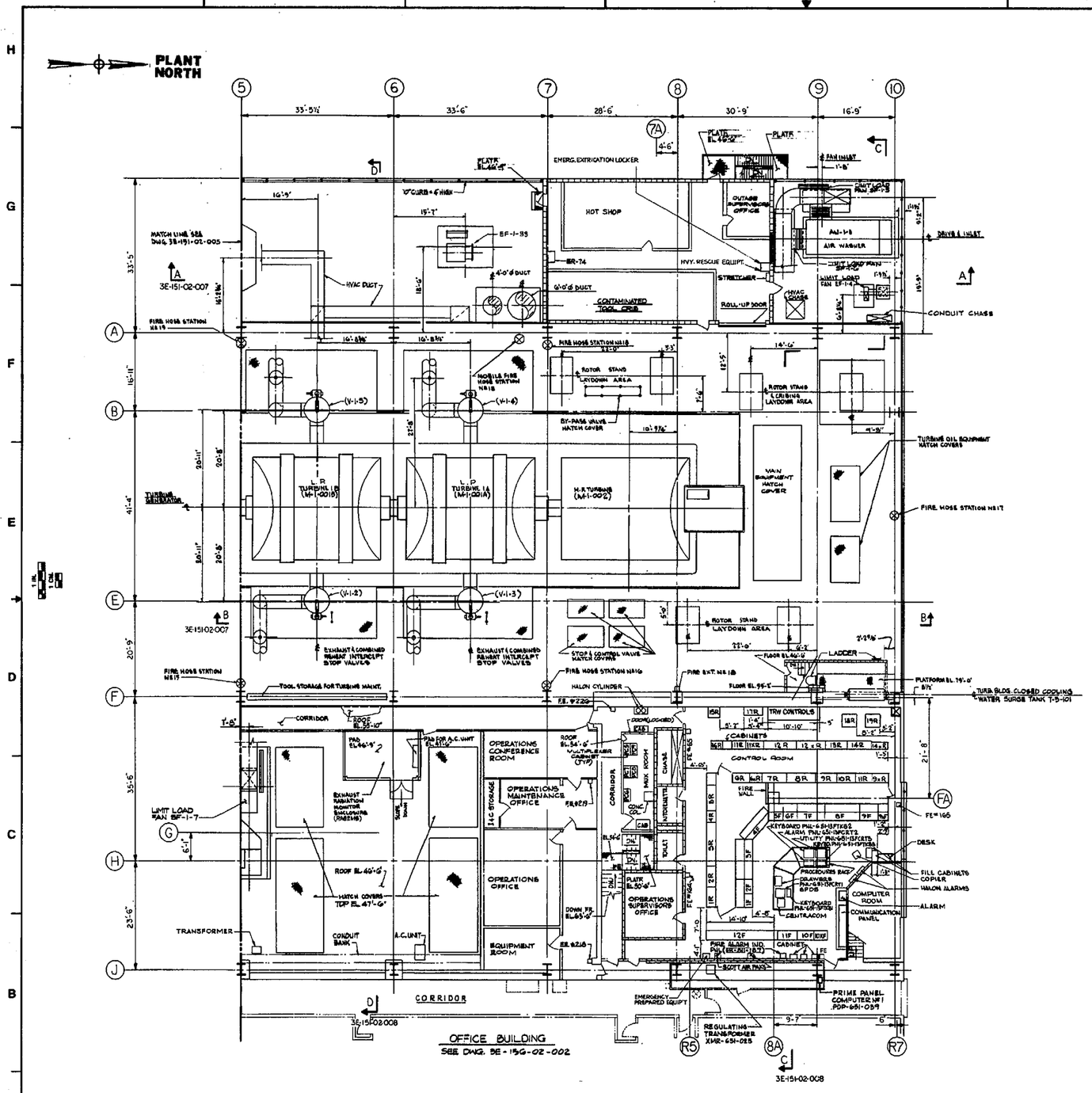
DWG. NO. 3E-151-02-005 SH. N/A REV. 11

SCALE : 1/8" = 1'-0"

DWG NO. 3E-151-02-005 SH. N/A

REVISIONS

REV	ZONE	DESCRIPTION
11	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE



NOTES:
1. FOR NOTES AND REFERENCE DRAWINGS SEE 3E-151-02-001.

THIS DWG SUPERSEDES DRAWING NO. BR. 2052-3

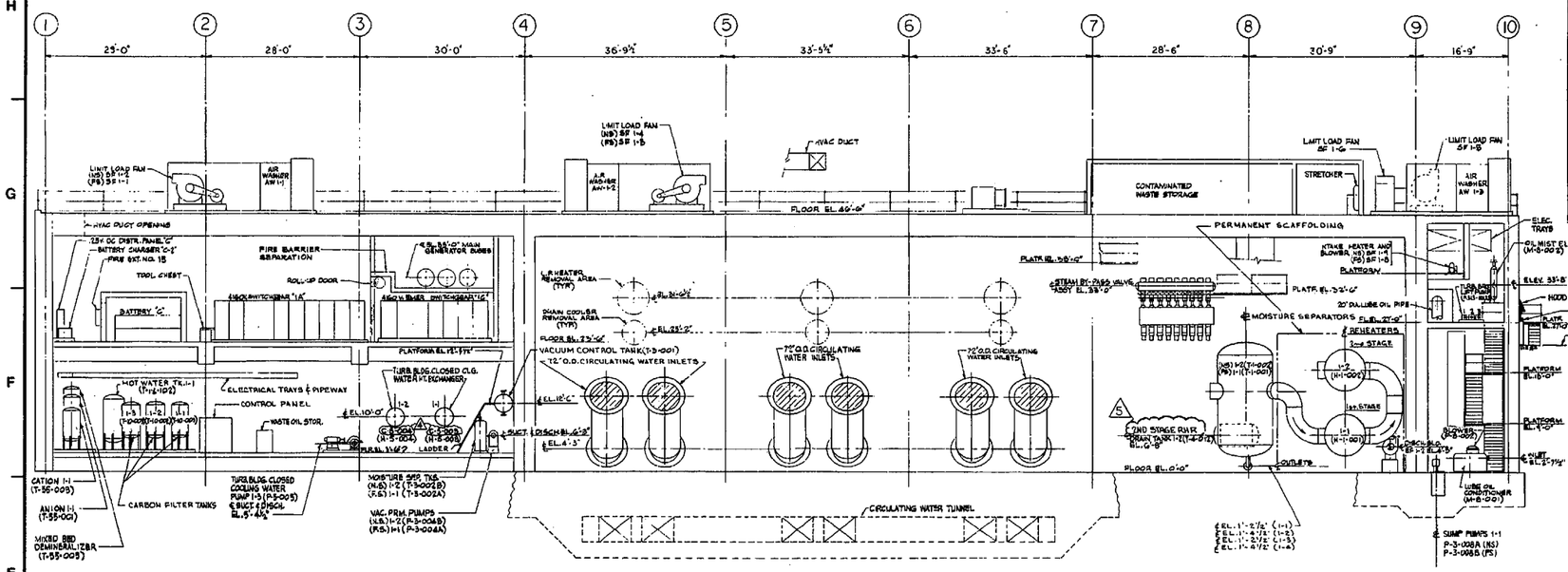
AS BUILT

STELLA 2-5-84	GPU Nuclear
DRAWN P. ALBANO 2-16-84	GENERAL ARRANGEMENT
CHECKED 7/19/84	TURBINE BUILDING
DESIGN LEADER 7-18-84	PLAN FLOOR ELEVATION 46'-6"
ENGINEER 7-18-84	OYSTER CREEK — DWG. NO. 3E-151-02-006 — REV. 5
MANAGER APPROVAL DATE	SCALE: 1/8" = 1'-0"
ENG. MECH.	AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
REFERENCES		

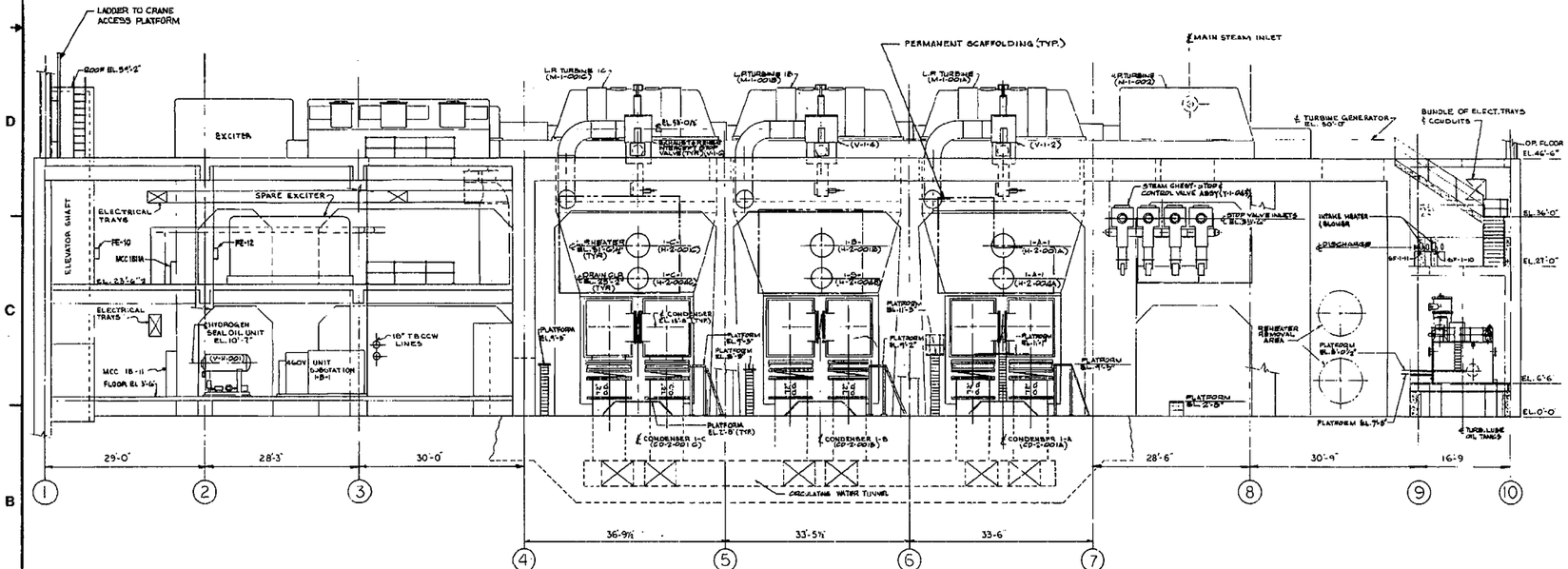
DWG. NO. 3E-151-02-006

REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	DRAW. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED PER DCN NO. C0S3405 (C7) EQPT. DESIGNATION (D4, D7, F1, D2), EQPT. TAG NO. (C7, F8), PLATF. EL. (J8); SWITCHGEAR DESIGNATION (F7), LUBE OIL PIPE (C5), INTAKE HEATERS AND BLOWERS (J2); REVISED: SPRIN. EQPT. TAG NOS., PLATF. EL. (C4, C5, F2), PLATF. (F3, F4), CONDENSER REMOVAL AREA (C3), DISTR. PANEL "C" (C5), BATTERY CHARGER "C" (F8), FIRE EXT. (F8), BATTERY "C" (F8), ROLL-UP DOOR (F7), DOOR EL. (C6), LIQUIDER & DRAIN COOLER REMOVAL AREA (C6, F8, H4), STEAM BY-PASS VALVE ASSY EL. (F4), STOP VALVE ASSY EL. (F8), TURB. BEARING LIFT PUMPS (F8), LIM WASHER EL. (G4, G7), LIMIT LOAD FAN (G2, G3, G4, G8), HANDRAIL (G4 THRU G7), EQPT. DESIGNATION (D4, D5, D6), HVAC DUCT (G8), CONTAMINATED WASTE STOR. (G8, J4), PERMANENT SCAFFOLDING (C7), PILLAR STR. (F8), HANDRAIL (C7).	RALBANO	CARBONELLO				7-26-85
2	AS NOTED	PER DCN # C0S3405, REVISED: FE-15 WAS FE-12 (F8), PUMP I.D. NO.'S @ SUMP 1-1 (S2), ADDED: HANDRAILS (C7) & (G2), STRETCHER ELEV. (F4) & (F5) (BASED ON DCN # C0S3405), FE-12 (C8). PER DCN # C0S3104, ADDED: CONC. PAD, HOOD & CYLINDER (F2).	HANDCOCK	STANKIEWICZ				10/20/87
3	AS NOTED	REVISED PER FCN C0T8660 (F5) (C4) (C5) (C6)	LIBANO	STANKIEWICZ				8-1-91
4	AS NOTED	REVISED PER FCN C0S9933 (F7)	DUDEK	J.P. GRAHAM				11-05-92
5	F-4	REVISED PER FCN C1T8613	N/A	J.D.G. N/A				4-1-94



SECTION A-A
(3E-151-02-001) THRU (3E-151-02-006)

NOTES:
1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-151-02-001.



SECTION "B-B"
(3E-151-02-001) THRU (3E-151-02-006)

THIS DRAWING SUPERSEDES DRAWING NO. BR 2053-3

AS BUILT

NO.	DWG. NO.	TITLE
		REFERENCES

M. LIBANO 11-7-83 DRAWN DATE
P. ALBANO 2-16-84 CHECKED DATE
7/19/84 DESIGN LEADER DATE
7-12-84 DESIGNER DATE
7-12-84 NUCLEAR APPROVAL DATE

GPU Nuclear

GENERAL ARRANGEMENT
TURBINE BUILDING
SECTIONS

OYSTER CREEK

DWG. NO. 3E-151-02-007 REV. 5

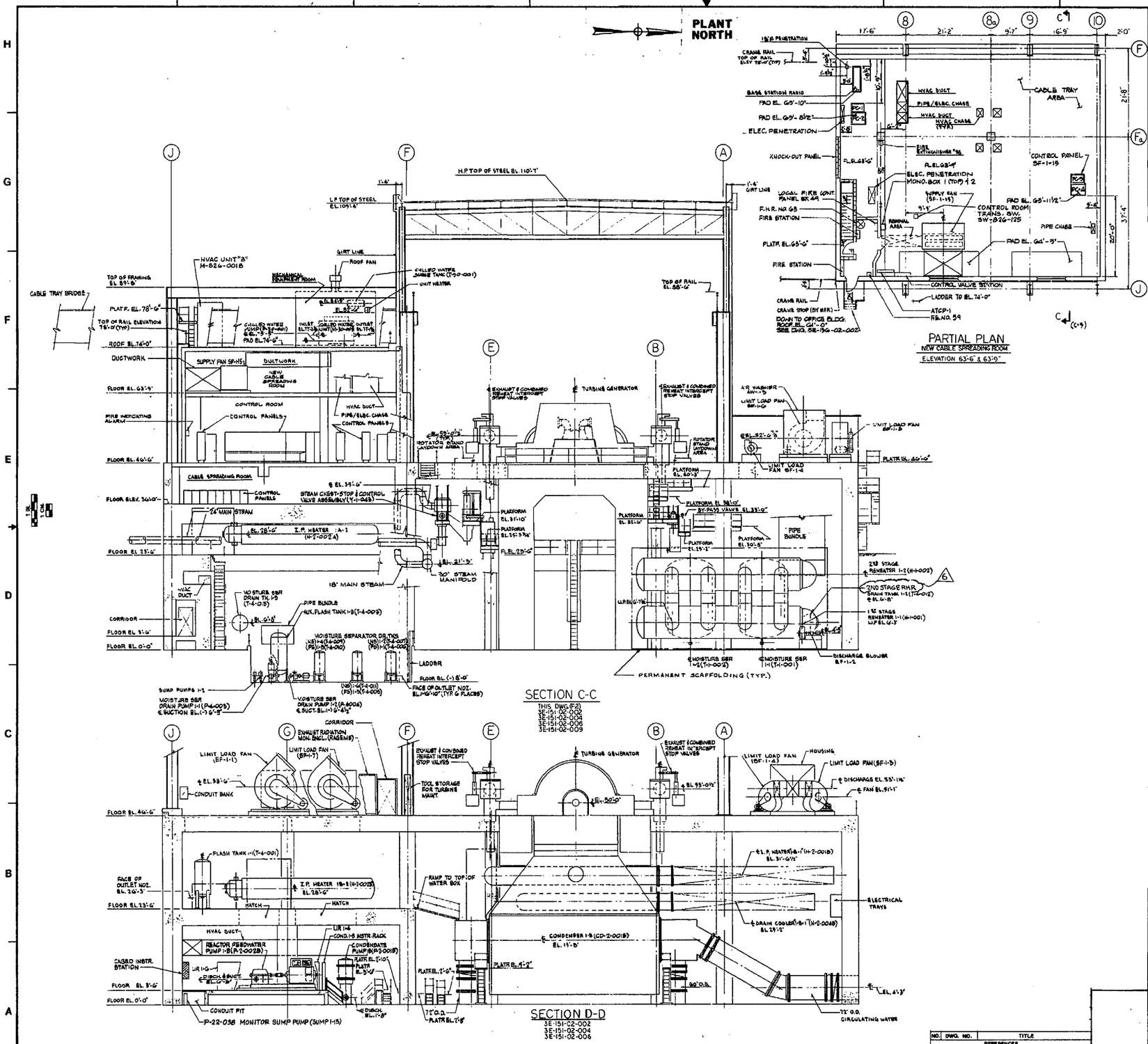
SCALE: 1/8" = 1'-0"

ENG. MECH.

AUTHORIZATION NO. 321006

DWG. NO. 3E-151-02-007

REV.	ZONE	REVISIONS DESCRIPTION	DRAWN	CHECKED	DSGN. L.DR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED: PER DCN NO. C081107 (G1) (B,D,E,G); NOTE (F2); WALL (D6,E4); ROOM: PLAN TITLE (F8); HVAC DUCT (D7) (A2,F1); DIM/SEPARATION (D7,D8); D1 (E1); FLOOR EL. (D5); LADDER SIZE (D5); EL. AT EXC. WATER (A5); ROOM DESIGNATION (F1); STAIRS (A4). ADDED: SPLN SCRPT. TAG NOS.; CONTR. PANELS (G2); ALARM CONTROL PANEL (F6); FIR. NO. 68 & FIRE STATION (F4); L-TYP. EL. (F4); RAILING (B6); LADDER (C2, F5); DOOR (F4); CABLE TRAY BRIDGE (E0 THRU F8); EL. 82'-0" (C8); ABTR. STATION (A7); LIM-1-4 (L-0) (A7); NIB 72-RACK (A7); PLATF. (L5, A7); HEX. CHASE (A5-F5); STAIRS (A4); CONDUIT BANK (D7); SHIELD RADIATION MON. ENCLOSURE (C7); TOOL STOR. (C0); FIRE ALARM (B7). DELETED: PARTIAL PLAN (G3); CLOSED COOLING WATER SURGE TANK (B4, F6).	RALBANO	RABBRICATOR				7-26-85
2	AS NOTED	PER DCN # C085805, REVISED: PARTIAL PLAN OF NEW CABLE SPREADING ROOM PNR-65 WAS PNR-65. ADDED: CONCRETE PADS, ELEVATIONS & CABLE TRAY AREA.	DIANDCOCK	STANKIEWICZ				10/5/87
3	AS NOTED	PER FCN C093005, ADDED: ELECT. PENETRATIONS (G4) MONO. BOX (G3) CONTROL ROOM TRANS. SW. (G3) HVAC UNIT "B" (F7) REVISED: PANEL (G5) FE# 59 WAS "127 (F5)	STANKIEWICZ	V.B./TG				11-4-9
4	AS NOTED	REVISED PER FCN C078660 (D7) (B7) (D4) (B6)	LIBANO	STANKIEWICZ				8/1/91
5	AS NOTED	REVISED PER FCN C073219 (A7)	STANKIEWICZ					7-28-94
6	D-5	REVISED PER FCN C119513	MR 4594	JDG. 4/94		N/A		4.13.94



NOTES:
1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-151-02-001.

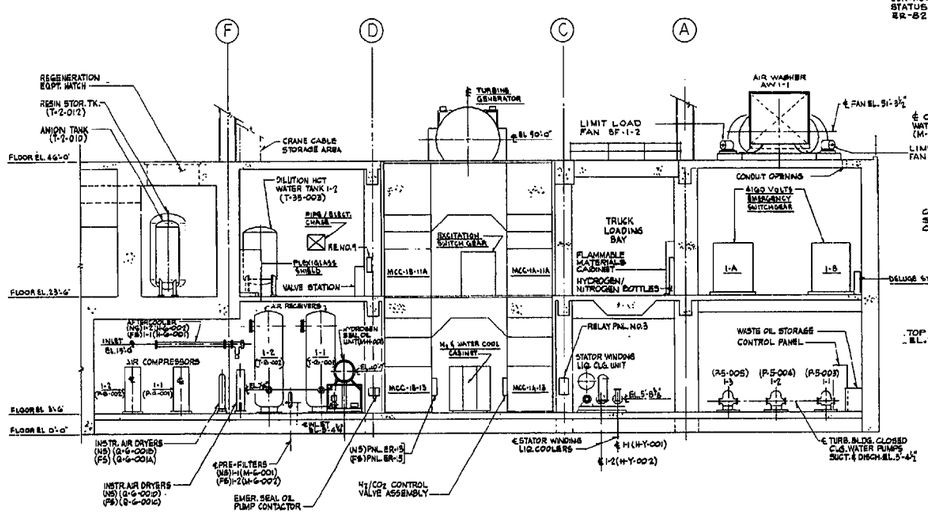
THIS DRAWING SUPERSEDES DRAWING NO. BR 2054-3

AS-BUILT

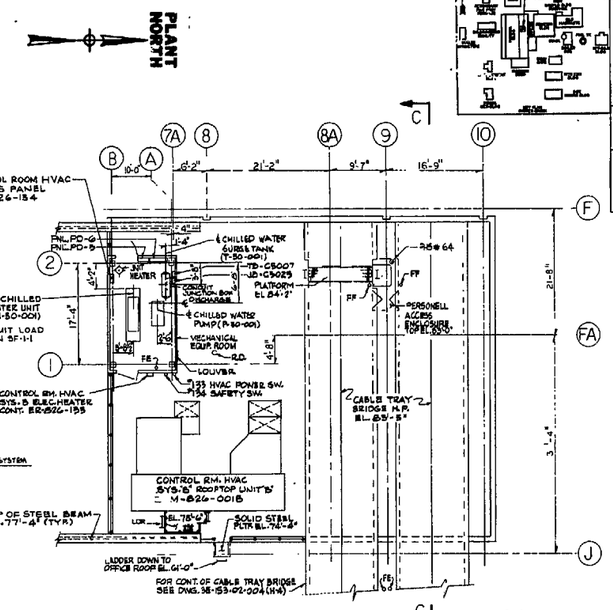
DRAWN STELLA 12-12-83	GPU Nuclear	
CHECKED P. ALBANO 2-14-84	GENERAL ARRANGEMENT TURBINE BUILDING PARTIAL PLANS AND SECTIONS	
DESIGN LEADER 7/19/84		
ENGINEER 7-18-84	OYSTER CREEK	DWG. NO. 3E-151-02-008 REV. 6
MANAGER APPROVAL 2-18-85		SCALE: 1/8 = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

DWG. NO. 3E-151-02-008

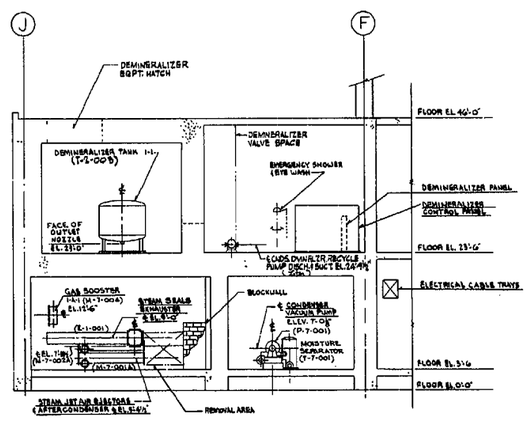


SECTION E-E
(3E-151-02-001)
(3E-151-02-003)
(3E-151-02-005)



PARTIAL PLAN
MECHANICAL EQUIPMENT ROOM ON NEW CABLE SPREADING ROOM ROOF
EL. 74'-0"

NOTES:
1. FOR NOTES AND REFERENCE DRAWING SEE 3E-151-02-001.



SECTION F-F
(3E-151-02-001)
(3E-151-02-003)
(3E-151-02-005)

REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DESIGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	DELETED: PER FCN CO8341C, NOTES: (1) DELETED: DRAIN (B-3), (E3), (E4), (F-E3), LOCATION OF SERVICE WELDING LIQUID SEAL UNIT (E-2), HATCH DESIGNATION (G7). ADDED: DRAIN TRAP NOS., PARTIAL PLAN (E3); WASTE OIL STORAGE (E3), CONDUIT JUNCTION BOX (G4), RELAY PANEL NO. 3 (E-E3), LIST PLANCHETS, PANEL PD-5, PD-6 (G4), NORTH ARROW (H4), PANEL ER-19 & ER-18 (E-2), SUBES. SEAL OIL PUMP CONTACTOR (E7), H2/CO2 CONTROL VALVE ASSY. (E6), EL. AT HYDROGEN SEAL OIL UNIT (E7), PRE-FILTERS (E7), FS NOA (F7), MOISTURE SEPR. (E6), TRUCK LOADING BAY (F-D), VALVE STATION (F7), CONDUIT OPENINGS (F5), CRANE CABLE STOR. AREA (F7), EQPT. HATCH (G7).					
		R.L. BRANO	J. ANDRUSCAVAGE				
2	AS NOTED	PER DCR #C08406, REVISED: EXTENDED STEEL BEAM (E4). ADDED: FLAMMABLE MATERIALS CABINET AND HYDROGEN/NITROGEN BOTTLES (F5), FF-229 (F4), STEEL BEAM (E4), TB-C5007 & TB-C5028 (E4)					
		G. HANDCOCK	MAINTENANCE				10/16/87
3	AS NOTED	PER FCN CO8341A, REVISED: STEAM EXHAUSTER EQUIPMENT DESIGNATION (E6). PER FCN CO8305, ADDED: HVAC SYS. B ROOFTOP UNIT (F4) PLATF. EL. 78'-6" (E4) STATUS PANEL (H4) ER-826-153 (H4) SW. #154 SW. #134 (F4) LOUVERS (F8) FA (153/153X) (F4) REVISED: JB-C5025 WASTE (E3). DELETED: FF. #229 (F4)					
		DRAWN/LEAD	V.B. /7/8				

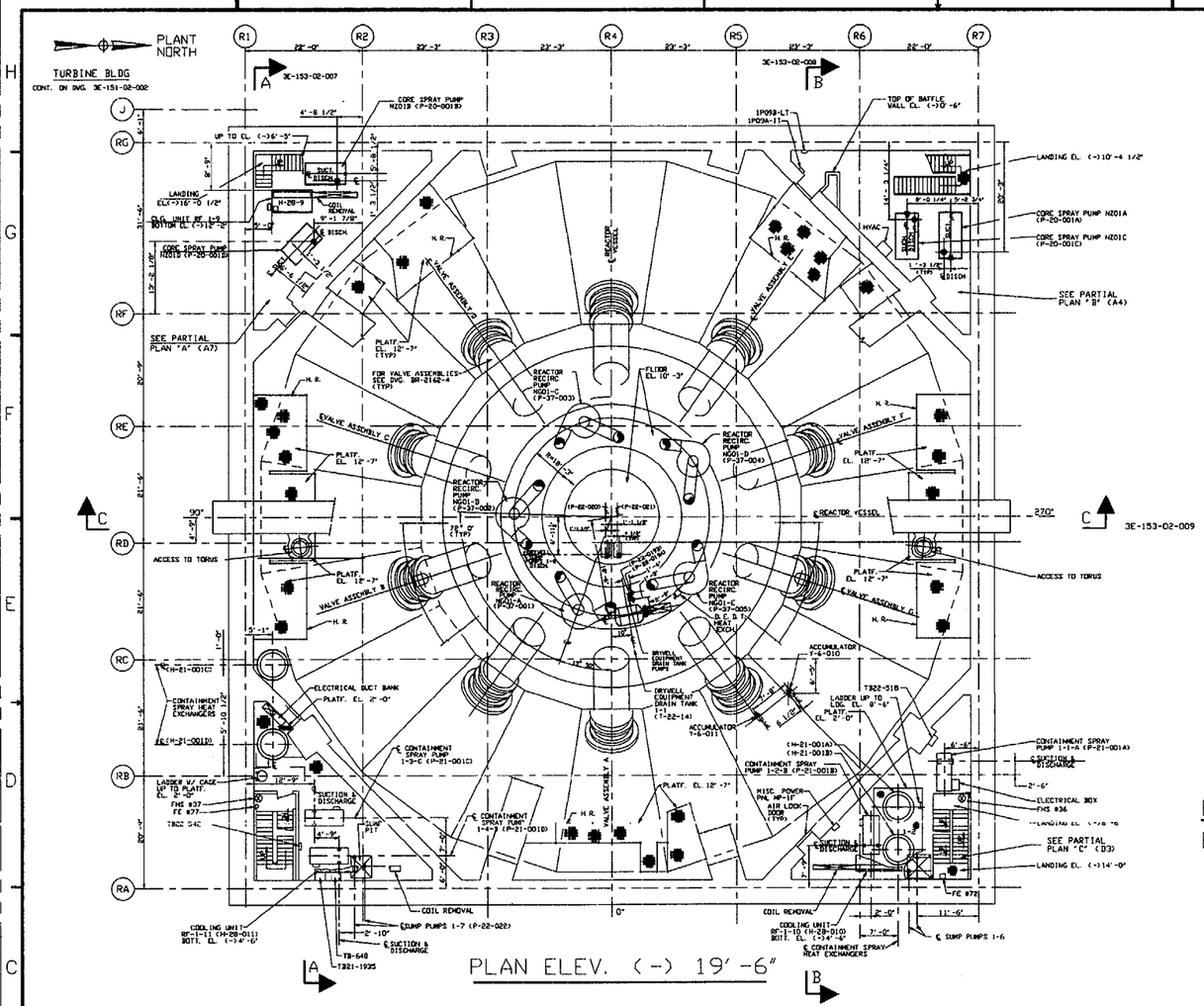
THIS DRAWING SUPERSEDES DRAWING NO. BR 2055 3

AS-BUILT

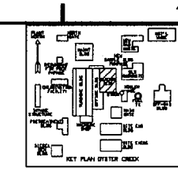
STELLA 12-16-83 DRAWN DATE	GPU Nuclear	
F. ALBANO 2-8-84 CHECKED DATE	GENERAL ARRANGEMENT TURBINE BUILDING PARTIAL PLAN & SECTIONS	
7/11/84 DESIGN LEADER DATE		
7-18-84 ENGINEER DATE		
7-18-84 MANAGER APPROVAL DATE	OYSTER CREEK	DWG. NO. 3E-151-02-009 REV. 3
ENG. MECH.		SCALE: 1/8"=1'-0"
		AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

DWG. NO. 3E-151-02-009



PLAN ELEV. (-) 19'-6"



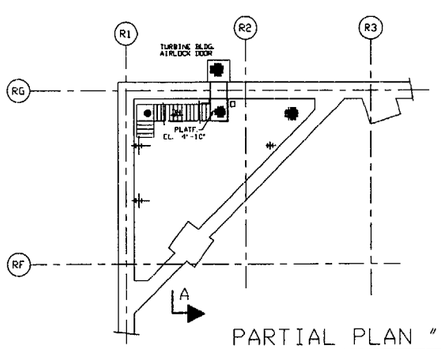
REVISIONS		
REV	ZONE	DESCRIPTION
7	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

PARTIAL PLAN "C" (D-4)

ELEV. 10'-0"

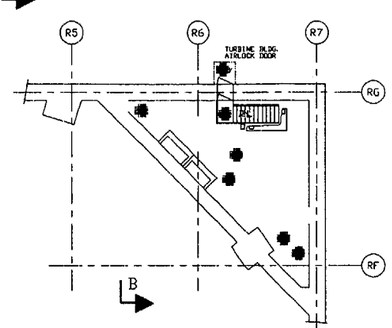
NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( )
2. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-003 SHEETS 1 TO 6



PARTIAL PLAN "A" (G-8)

ELEV. (-) 6'-5"



PARTIAL PLAN "B" (G-4)

ELEV. (-) 1'-11"

NO.	DWG. NO.	TITLE
		REFERENCES
19	SN 13432.30-EA-19	CABLE TRAY BRIDGES METAL DECK ROOFING & FLASHING
17	3R-4057-9	REACT. BLDG 5TH FLR EL. 119'-3" PLAN & SECTIONS
16	GE 719E448 SH2	HEAD STRONGBACK - REACTOR SERVICING EQUIPMENT
15	GE 719E448 SH1	HEAD STRONGBACK - REACTOR SERVICING EQUIPMENT
14	3BM-260-38-001	BILL OF MATERIALS
13	3E-260-38-301	MOD FOR REACT HD STRONGBACK & EQUIP POOL PLUGS LIFT'G BEAM RB
12	3R-2162-4	VACUUM RELIEF PIPE'G PLN & SECT. SUPPRESSION CHAMBER REACT. BLDG
11	3E-156-02-002	GENERAL ARRG'T OFFICE BLDG PLAN FLOOR ELEV. 46'-6"&ROOF PLN
10	3E-156-02-001	GENERAL ARRG'T OFFICE BLDG PLAN FLOOR ELEV. 23'-6"&20'-0"
9	3E-151-02-002	GENERAL ARRG'T TURBINE BLDG PLAN FLOOR ELEV. -8'-0",0'-0",3'-6"
8	3E-152-02-009	GENERAL ARRG'T REACTOR BLDG SECTION C-C
7	3E-153-02-008	GENERAL ARRG'T REACTOR BLDG SECTION B-B
6	3E-153-02-007	GENERAL ARRG'T REACTOR BLDG SECTION A-A
5	3E-153-02-006	GENERAL ARRG'T REACTOR BLDG PLAN FLOOR ELEV. 119'-3"
4	3E-153-02-005	GENERAL ARRG'T REACTOR BLDG PLAN FLOOR ELEV. 95'-3"
3	3E-153-02-004	GENERAL ARRG'T REACTOR BLDG PLAN FLOOR ELEV. 75'-3"
2	3E-153-02-003	GENERAL ARRG'T REACTOR BLDG PLAN FLOOR ELEV. 51'-3"
1	3E-153-02-002	GENERAL ARRG'T REACTOR BLDG PLAN FLOOR ELEV. 23'-6"

FEET 0 2 4 8 16 24

GRAPHIC SCALE

CAD FILE NAME: OU 3E-153-02-001 SO 97

REVISION 6 OF THIS DRAWING WAS REDRAWN FROM 3E-153-02-001 REV5.

REVISION 6 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E020001001-0001

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN NANCY CARLSON 4/25/99

CHECKED 11/2/99

DRAWING MANAGER 11/2/99

ENGINEERING MANAGER N/A

GPU NUCLEAR

GENERAL ARRANGEMENT

REACTOR BUILDING

PLAN FLOOR ELEVATION (-) 19'-6"

OYSTER CREEK

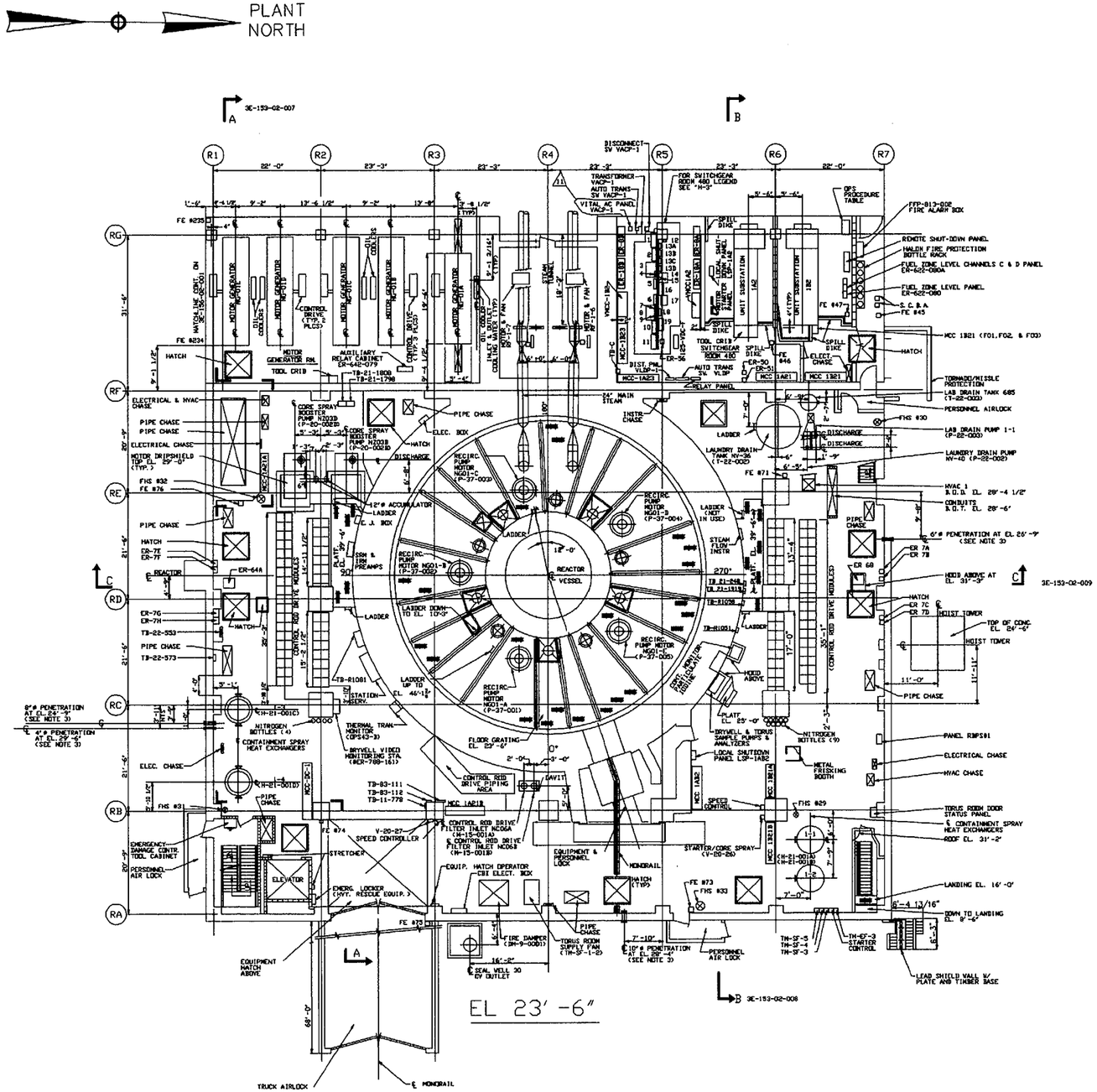
DWG. NO. 3E-153-02-001

SCALE : 1/8" = 1'-0"

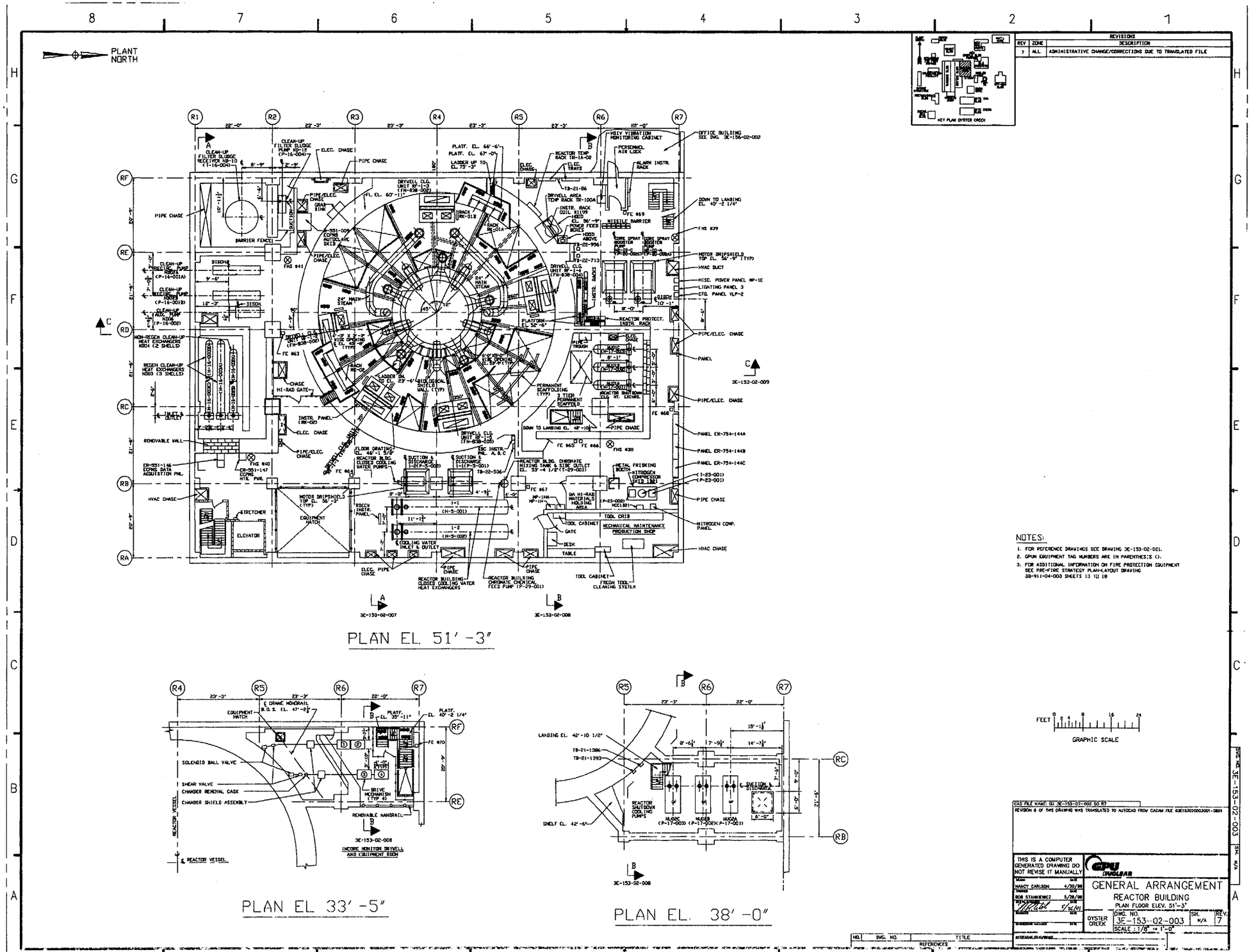
SH. N/A

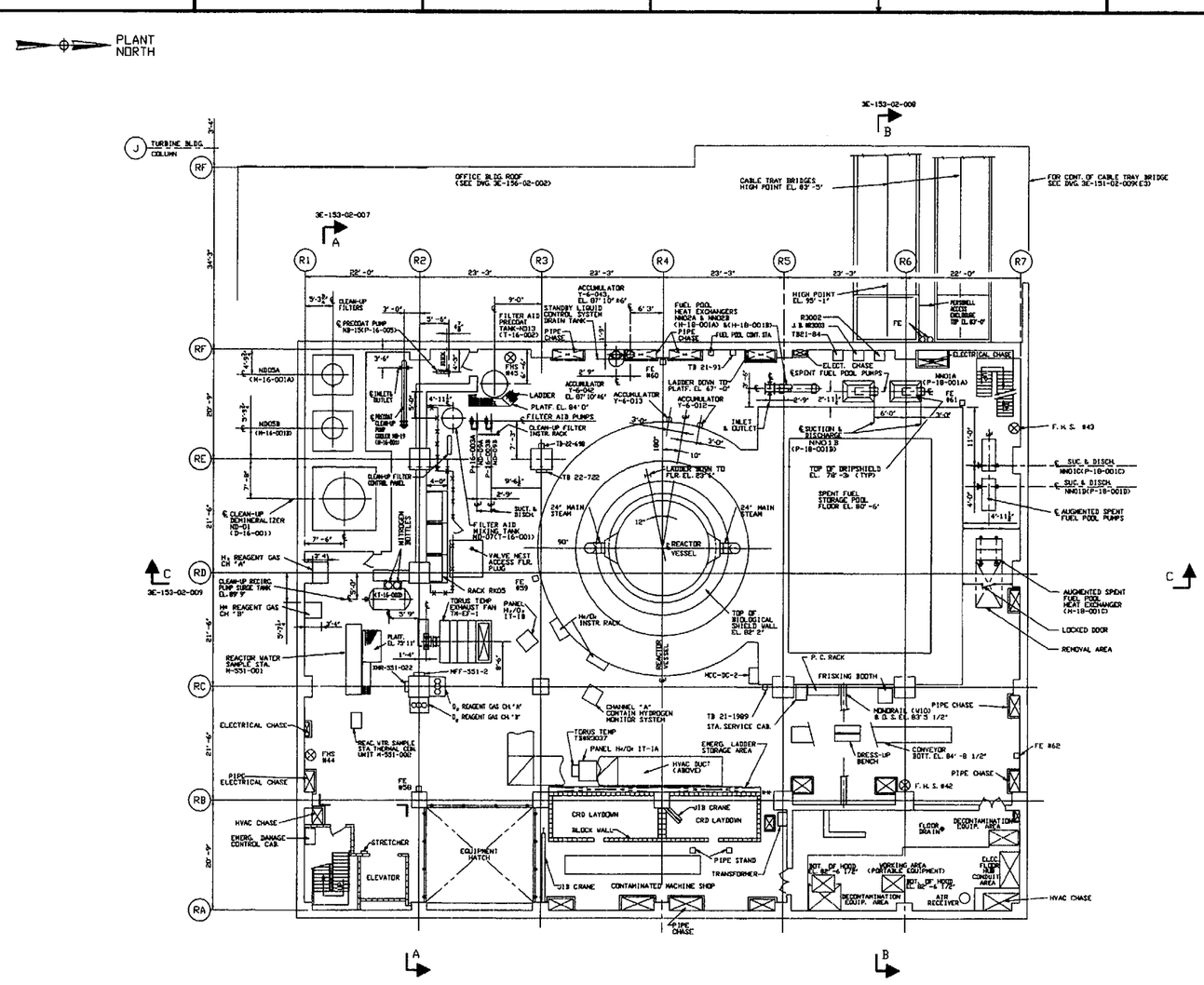
REV. 7

DWG. NO. 3E-153-02-001 SH. N/A



NO.	DWG. NO.	TITLE
	REFERENCES	


PLANT NORTH
PLAN EL. 51'-3"
PLAN EL. 33'-5"
PLAN EL. 38'-0"
KEY PLAN OYSTER CREEK
REVISIONS
REV | ZONE | DESCRIPTION
7 | ALL | ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE
NOTES:
1. FOR REFERENCE DRAWINGS SEE DRAWING 3E-153-02-001.
2. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ().
3. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 38-911-04-003 SHEETS 13 TO 18
GRAPHIC SCALE
CAD FILE NAME: GU 3E-153-02-003 SO R7
REVISION 6 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE 03E153020003001-0801
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY
GPU GUOLBAR
GENERAL ARRANGEMENT
REACTOR BUILDING
PLAN FLOOR ELEV. 51'-3"
OYSTER CREEK
DWG. NO. 3E-153-02-003
SH. N/A
REV. 7
SCALE: 1/8" = 1'-0"
DWG. NO. 3E-153-02-003 SH. N/A



PLAN EL 75' -3"

NOTES:

1. FOR NOTES AND REFERENCES SEE DWG. 3E-153-02-001.
2. GPUN TAG NUMBERS ARE IN PARENTHESIS ( )
3. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-003 SHEETS 19 TO 22

FEET 0 2 4 8 16 24

GRAPHIC SCALE

REV	ZONE	DESCRIPTION
9	C-4, 5	C 306949

REVISIONS

KEY PLAN OYSTER CREEK

CAD FILE NAME: OU 3E-153-02-004 SO R9

REVISION 7 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE O3E153020004001-0701

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

DRAWN: NANCY CARLSON 11/9/99

CHECKED: DAN ABBRUSCATO 11/9/99

APPROVED: 11/9/99

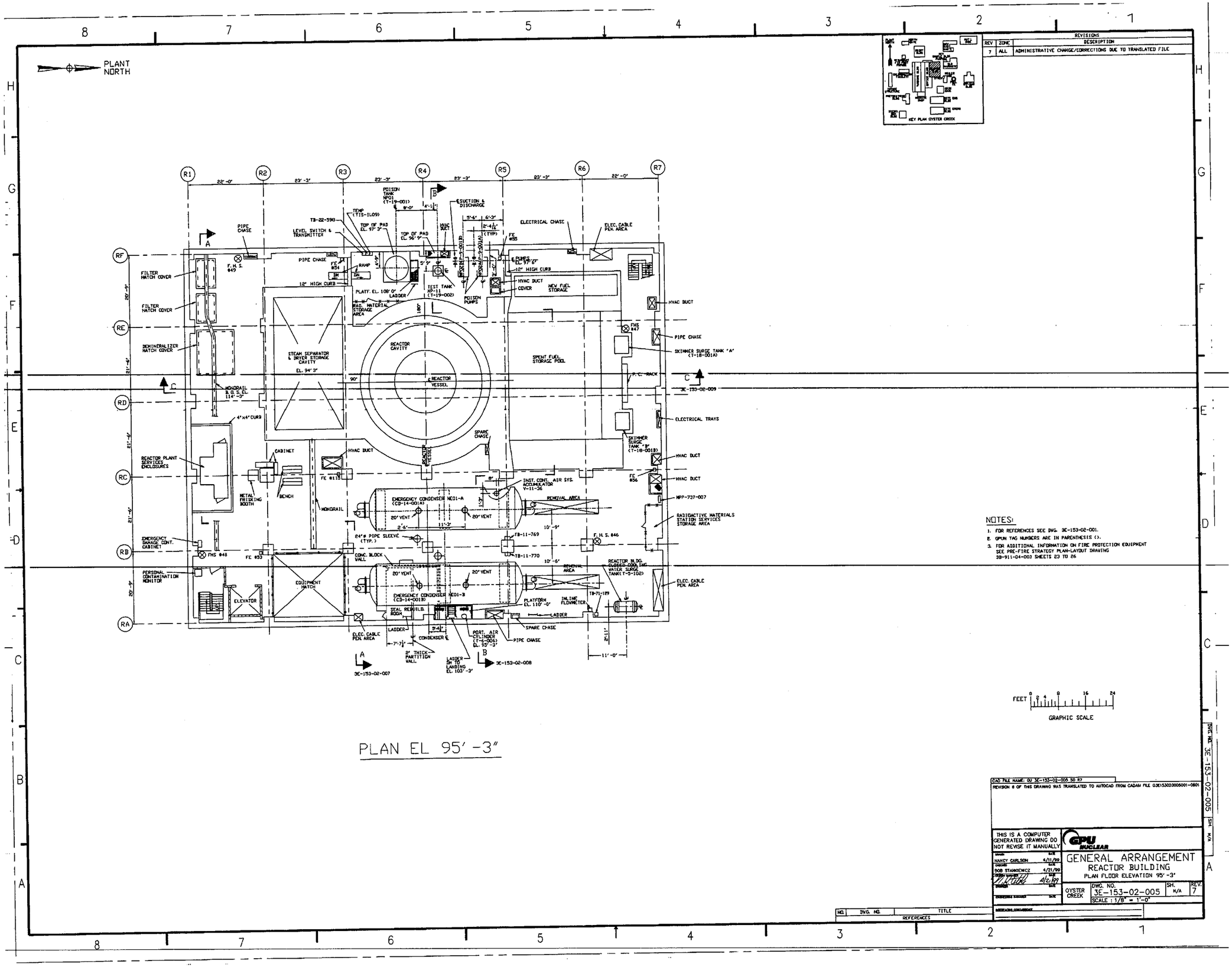
GENERAL ARRANGEMENT
REACTOR BUILDING
PLAN FLOOR ELEVATION 75'-3"

OYSTER CREEK | DWG. NO. 3E-153-02-004 | SCALE : 1/8" = 1'-0" | SH. N/A | REV. 9

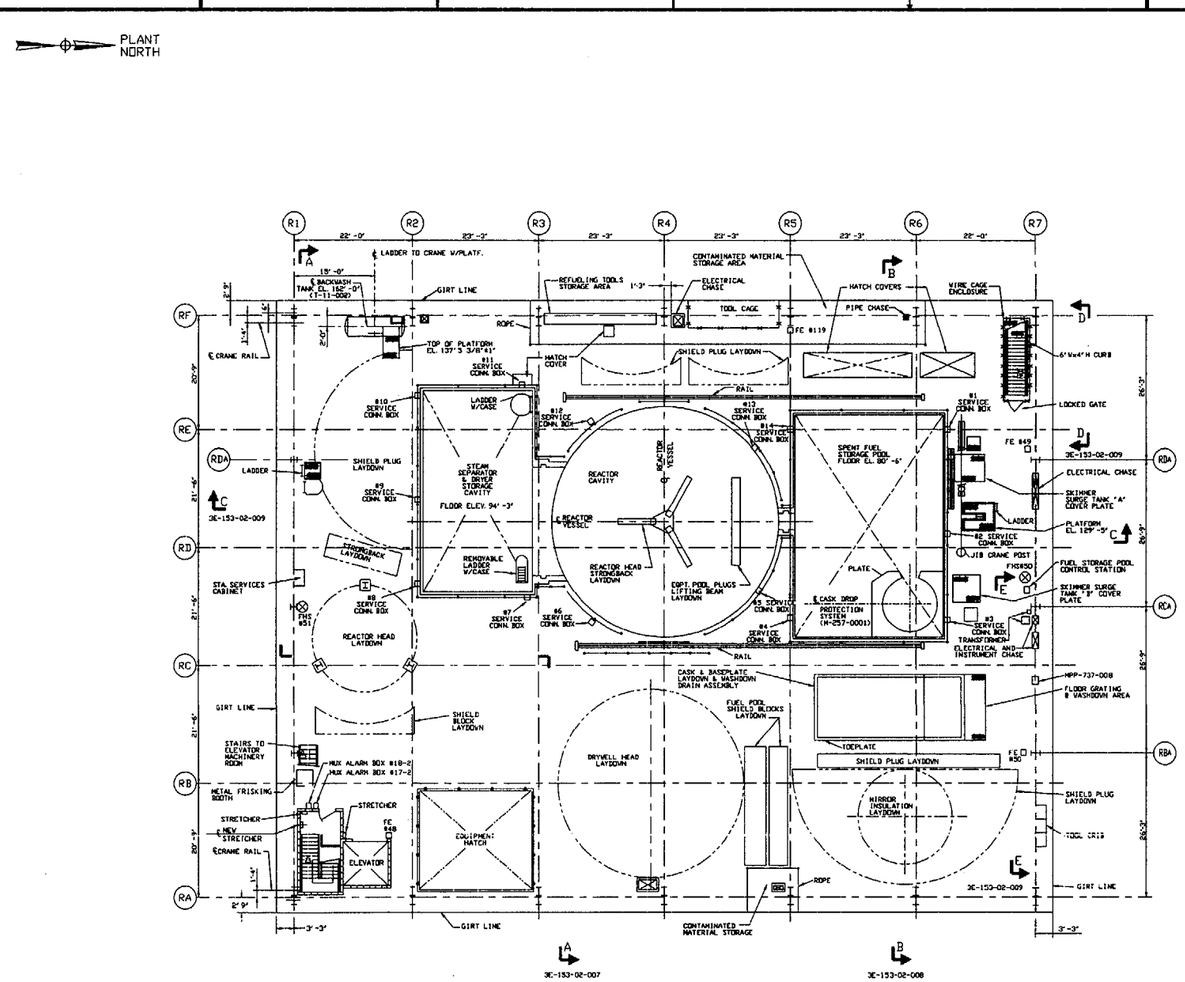
DWG. NO. 3E-153-02-004 SH. N/A

NO.	DWG. NO.	TITLE

REFERENCES



PLANT NORTH
REVISIONS
REV | ZONE | DESCRIPTION
7 | ALL | ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE
KEY PLAN OYSTER CREEK
PLAN EL 95' -3"
NOTES:
1. FOR REFERENCES SEE DWG. 3E-153-02-001.
2. GPUN TAG NUMBERS ARE IN PARENTHESIS ().
3. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-003 SHEETS 23 TO 26
FEET 0 2 4 8 16 24
GRAPHIC SCALE
CAD FILE NAME: GU 3E-153-02-005 SO R7
REVISION 8 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E153020005001-0801
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY
GPU NUCLEAR
GENERAL ARRANGEMENT
REACTOR BUILDING
PLAN FLOOR ELEVATION 95' -3"
OYSTER CREEK
DWG. NO. 3E-153-02-005
SH. N/A
REV. 7
SCALE : 1/8" = 1'-0"
NO. | DWG. NO. | TITLE
REFERENCES



PLAN EL 119'-3"

NOTES:

1. FOR NOTES AND REFERENCES SEE DWG. 3E-153-02-001.
2. GPUN TAG NUMBERS ARE IN PARENTHESIS ( ).
3. FOR ADDITIONAL INFORMATION ON FIRE PROTECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-003 SHEETS 27 TO 30

FEET 0 2 4 8 16 24

GRAPHIC SCALE

REVISIONS		
REV	ZONE	DESCRIPTION
7	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

CAD FILE NAME: GU 3E-153-02-006 SO R7

REVISION 8 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E153020006001-0801

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

GENERAL ARRANGEMENT
REACTOR BUILDING
PLAN FLOOR ELEVATION 119'-3"

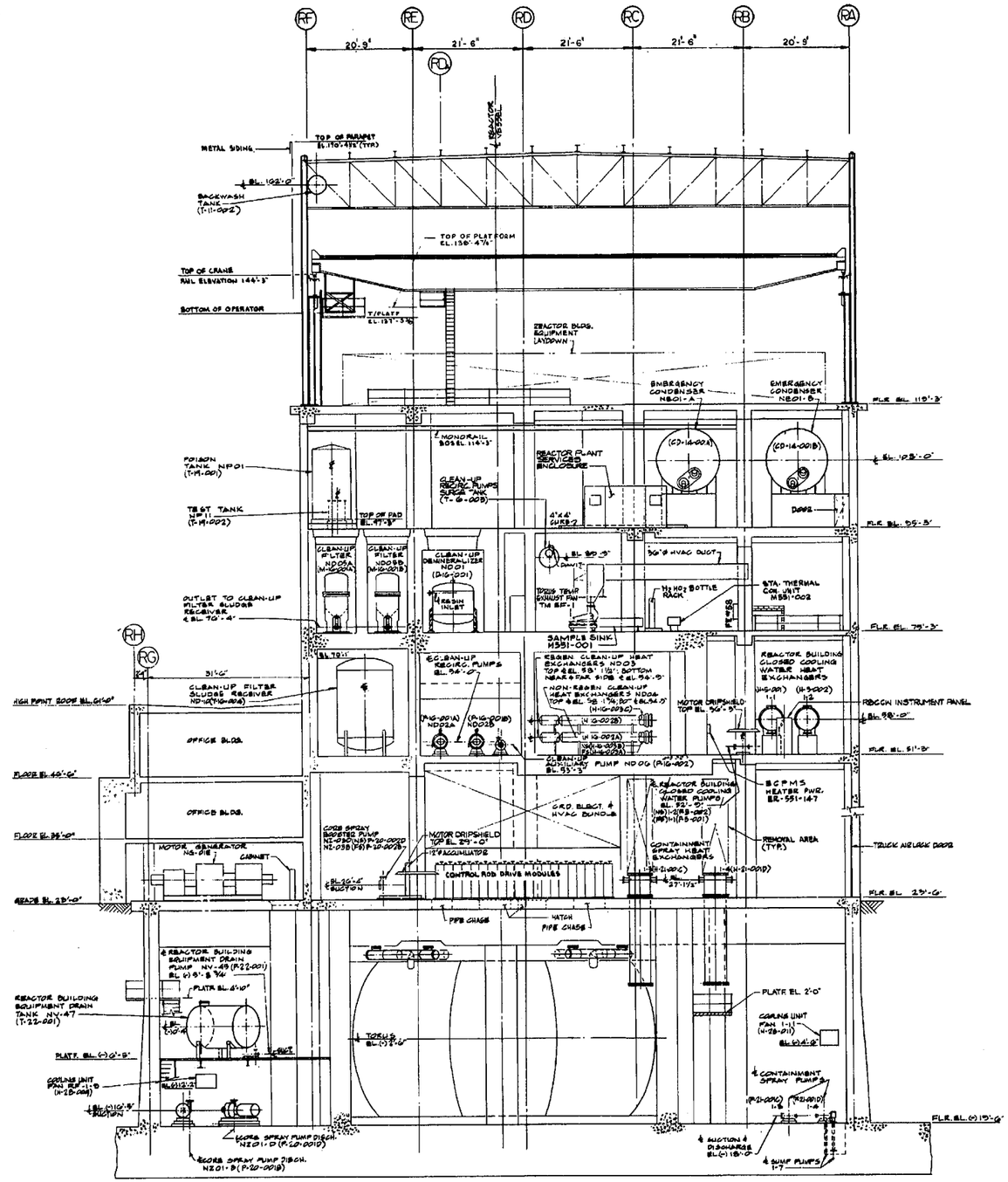
OYSTER CREEK | DWG. NO. 3E-153-02-006 | SH. N/A | REV. 7

SCALE : 1/8" = 1'-0"

NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-153-02-006 SH. N/A

REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DESIGN LDR.	ENGINEER	MANAGER	DATE
1	A8 NOTED	REVISED: PER DCN C091167; NOTED (D-2); ADDED: 8 PUMP EQUIPMENT TAG NOS; STAIRS (B-7); OFFICE BLDG (D-7); RBCCW PLANT EXPANSION TANK (D-4); BOTTLE RACK (E-5); FIRE EXTG LOG (E-4); DOOR (B-4); EQUIPMENT LAYDOWN (F-4 THRU F-6); FRISKING STATION (E-5); GUARD (E-5). DELETED: LADDER (D-5); FRISKING STATION (E-4); RAILROAD TRACKS (G-4).					
		MARKUPS	PDENB				12-20-85
2	A8 NOTED	PER FCN C046830, REVISED: RBCCW HEAT EXCHANGERS (D4); PER FCN C058405, REVISED: FE-56 WAS FE-106 (D5); ADDED: MOTOR DRIPSHIELD (C6) (D6); METAL FRISKING STATION (E5); REACTOR PLANT SERVICES ENCLOSURE (E5); RBCCW INSTRUMENT PANEL (D4).					
		SANDCOOK	STANKIEWICZ				11/30/87
3	A8 NOTED	PER FCN C058360 DELETED: DEMINERALIZER (D4) PER FCN C050266 ADDED: SAMPLE SINK (E) THERMAL UNIT (E) PER FCN C043005, ADDED: BR-551-147 (D5) DELETED: FRISKING BOOTH (E5)					
		STANKIEWICZ	V.B./TCG		M.A.		11-7-89
4	A8 NOTED	REVISED PER FCN C061997; C085344					
		LIBANO	STANKIEWICZ				7-26-91



SECTION A-A

SE-153-02-001 THRU SE-153-02-006

NOTES

1. FOR NOTES & REFERENCE DRAWINGS SEE SE-153-02-001.

THIS DRAWING SUPERSEDES DRAWING NO. BR-2063-4

AS BUILT

NO.	DWG. NO.	TITLE
		REFERENCES

P. DENB 10-15-85 DRAWN
P. ALBANO 1-N-84 DATE
DESIGN LEADER 7/13/84 DATE
MANAGER 2-17-84 DATE
CUSTOMER APPROVAL 2-17-84 DATE

GPU Nuclear

GENERAL ARRANGEMENT
REACTOR BUILDING
SECTION A-A

OYSTER CREEK

DWG. NO. 3E-153-02-007 REV. 4

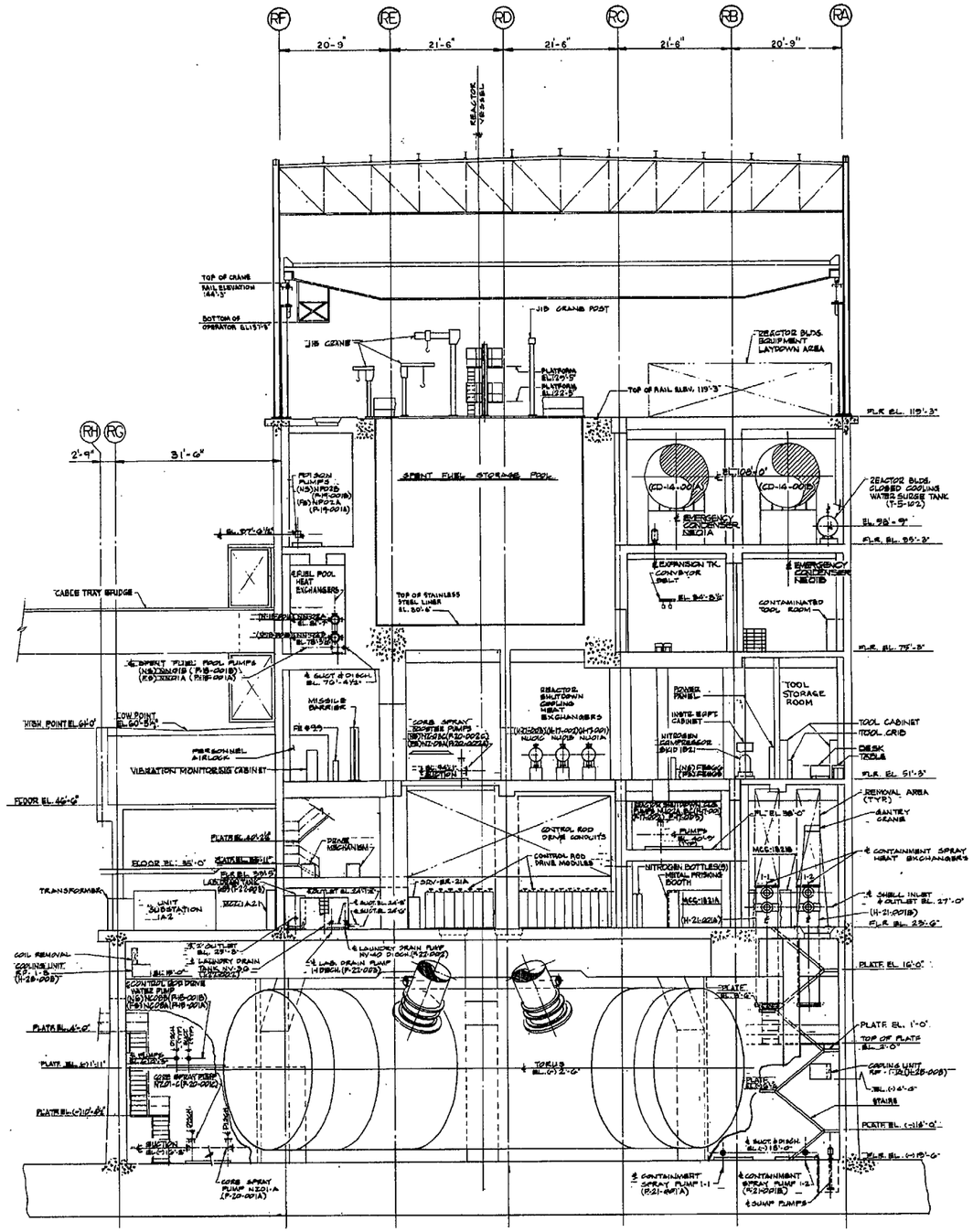
SCALE: 1/8" = 1'-0"

ENG. MECH.

AUTHORIZATION NO. 321006

DWG. NO. 3E-153-02-007

REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED: PER DCN 6011187; NOTES (D-2), STAIRS (D-7, C-6); JIB CRANE (F-8); PLATFORM EL. (F-8) FLOOR EL. 43'-0" (D-7) ADDED: 8 PUN. EQUIPMENT TAG NOS.; FIRE EXT (D-8, D-6); INSTRUM. CABINET (D-6); POWER PANEL (D-6); EMER. COND. REMOVAL AREA (E-6, F-8); EQUIP. LAYDOWN AREA (F-6, F-8); EQUIPMENT LAYDOWN (F-6, F-8); CABLE TRAY BRIDGE (E-7) ROOF EL. 61'-0" (D-7).					
		PREPARATO	R. DEHNE				7-26-85
2	AS NOTED	PER DCN#6088405-REVISED: FE-55 WAS FE-197 (D-5); PE-66 WAS EE-108 (D-5); TOOL STORAGE ROOM (DAT); EMERGENCY CONDENSER (FUEL) ADDED: EXPANSION TANK (E-5); TOOL CRIB (D-6); NITROGEN BOTTLES (C-5); METAL FRISKING BOOTH (C-5)					
		SUPVISOR	Bhavsar				11/4/87
3	AS NOTED	PER FCN 6095008, ADDED: MONITORING CABINET (D-6) DELETED: TOOL CRIB (D-6)					
		STANDARDIZE	V.B./T.G.		N.A.		11-4-87



SECTION B-B

3E-153-02-001 THRU 3E-153-02-006

NOTES

1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-153-02-001.

THIS DRAWING SUPERSEDES DRAWING NO. BR-2063-4

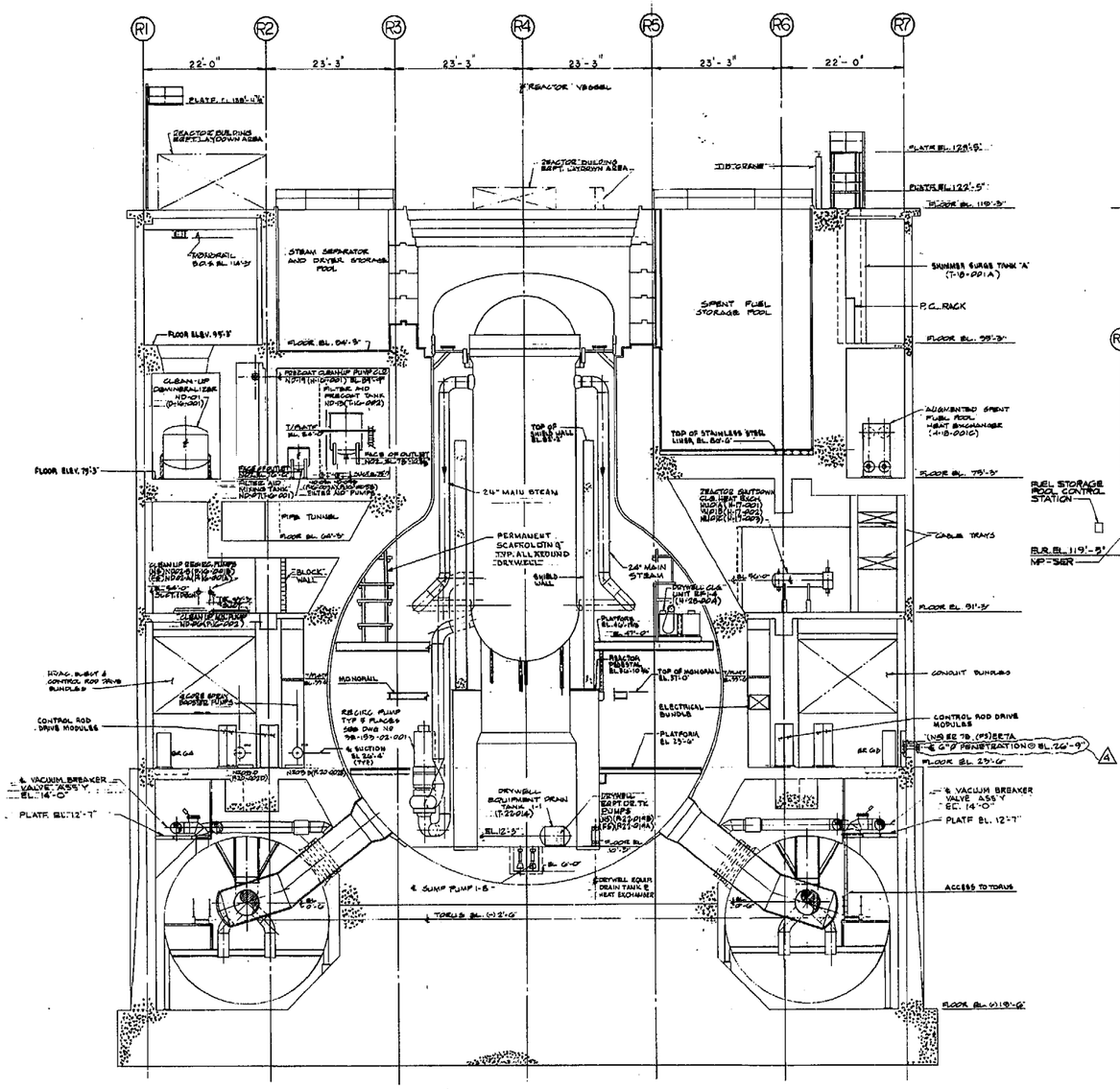
AS BUILT

P. DENIS 10-28-83	GPU Nuclear	
DRAWN P. ALBANO 1-31-84	GENERAL ARRANGEMENT REACTOR BUILDING SECTION B-B	
CHECKED 7/13/84		
DESIGN LEADER 7-18-84		
ENGINEER 7-18-84	DWG. NO. 3E-153-02-008	REV. 3
MANAGER APPROVAL 7-18-84	OYSTER CREEK	SCALE: 1/8" = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 32806

NO.	DWG. NO.	TITLE
		REFERENCES

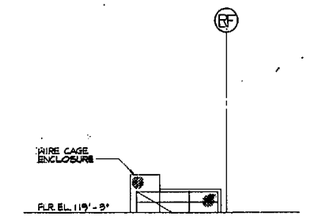
3E-153-02-008

REVISIONS								
REV.	ZONE	DESCRIPTION						
		DRAWN	CHECKED	D. ZN. LDR.	ENGINEER	MANAGER	DATE	
1	AS NOTED	REVISED: PER DCN C0581G7; NOTES (D-2). ADDED: 6 RUN EQUIPMENT TAG NOS.; DRYWELL EQUIPMENT DRAIN TANK PUMPS (C-5); ER. 7A & 7B (D-4) & EL. 119'-9" (C-6); PLATF. EL. 12'-7" (E-4)						
		P. DONNELLY	PONNE	S.S.A.	[illegible]	[illegible]	9-26-85	
2	AS NOTED	PER DCN NC0584OE - ADDED: P.C. RACK (K4); SECTION D-D. (G,5); SECTION E-E (E5); DRYWELL BORE DRAIN TANK HEAT EXCHANGER (C8)						
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10/2/86	
3	AS NOTED	REVISED: PER TCN. C0619T4 (E6); C0619T7						
		LIBANO	STANKIEWICZ	[illegible]			7/26/91	7/26/91
4	D-4	REVISED PER FCN C12010D5; ADDED PENETRATION LOCATION						
		[illegible]	[illegible]	[illegible]	NA	[illegible]	6-9-96	



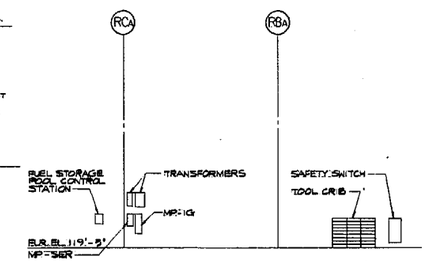
SECTION C-C

3E-153-02-001 THRU 3E-153-02-006



SECTION D-D

3E-153-02-006



SECTION E-E

3E-153-02-006

NOTES

1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-153-02-001.

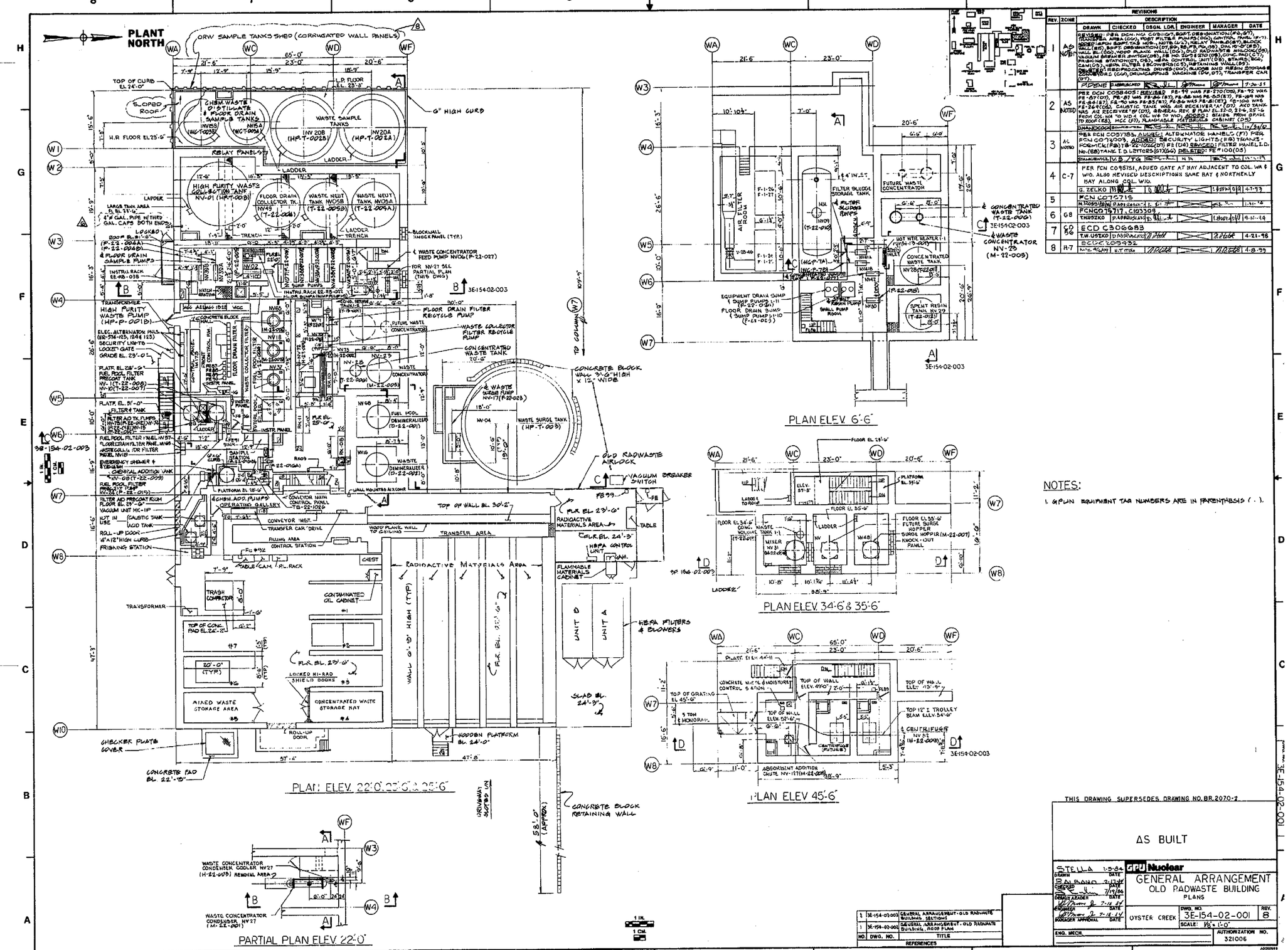
THIS DRAWING SUPERSEDES DRAWING NO. BR-2064-4

AS BUILT

P. DONNELLY 11-25-83 DRAWN DATE	GPU Nuclear	
D. ALBANO 1-31-84 CHECKED DATE	GENERAL ARRANGEMENT REACTOR BUILDING SECTIONS C-C, D-D & E-E	
7/13/84 DESIGN LEADER DATE		
2-14-84 ENGINEER DATE	OYSTER CREEK	DWG. NO. 3E-153-02-009 REV. 4
2-14-84 MANAGER APPROVAL DATE		SCALE: 1/8" = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

DWG. NO. 3E-153-02-009



NOTES:

1. (PLN) EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS (.).

REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	A-5 NOTED	REVISED PER DCN NO. C08160, SOFT. DESIGNATION (F6,G7), TRANSFER AREA (C6,D7), POST FILTER PUMPS (D6), CONTROL PANEL (F-7), HOSE (1 INCH SOFT. TAG NO.), NOTE (6.2), RELAY PANEL (E8,D7), BLOCK WALL (E8), SOFT. DESIGNATION (D7,E9,E8,F8,F6,G8), DIA. NO. (E8,D7), WALL EL. (D6), WOOD PLANK WALL (D6), OLD RADWASTE AIRLOCK (D5), VACUUM BREAKER SWITCH (D5), FE NO. 2G-FE-270 (D5), CONC. PAD (C7), FRISKING STATION (C7, D8), HEPA CONTROL UNIT (D8), STUMPS (B6), CAM (D8), HEPA FILTER & BLOWERS (C5), RETAINING WALL (B5). DELETED: RECIPROCATING DRIVES (D6), SLUDGE AND RESIN STORAGE CONTAINERS (C6), DRUM CAPPING MACHINE (B6, D7), TRANSFER CAR (C7).	P.DENE					7-20-93
2	A-5 NOTED	PER DCN C08805: REVISED FE-99 WAS FE-270 (D5), FE-92 WAS FE-87 (D7), FE-87 WAS FE-86 (E7), FE-86 WAS FE-85 (E7), FE-189 WAS FE-84 (E7), FE-90 WAS FE-83 (E7), FE-86 WAS FE-81 (E7), FE-100 WAS FE-264 (D6). CAUSTIC TANK WAS AIR RECEIVER 1-1 (D7). ACID TANK WAS AIR RECEIVER 1-2 (D7). GENERAL REV. & PLAN EL. 22'-0, 23'-6, 25'-6 FROM COL. W4 TO W8.4, COL. W4 TO W10. ADDED: STAIRS FROM DRAIN TO ROOF (E8), MCC (E7), FLAMMABLE MATERIALS CABINET (D7)						12/2/92
3	A-5 NOTED	PER DCN C09785, ADDED: ALTERNATOR PANELS (F7) PER DCN C07809, ADDED: SECURITY LIGHTS (E8) TRANSFORMER (F8) TB-22-1062 (D7) FE (D4) REVISED: FILTER PANEL I.D. No. (B8) TANK I.D. LETTERS (G7, G6) DELETED: FE #100 (D5)						
4	C-7	PER DCN C09875, ADDED GATE AT BAY ADJACENT TO COL. W4 & W10. ALSO REVISED DESCRIPTIONS SAME BAY & NORTHERLY BAY ALONG COL. W10.	G. ZELKO					1-29-94
5		DCN C07575						
6	G8	DCN C07519, C10339	T.NUSZKO					1-31-96
7	C-D 8-6	ECD C30668B	T.W. USZKO					9-11-96
8	A-7	ECD C20532						4-21-98

THIS DRAWING SUPERSEDES DRAWING NO. BR. 2070-2

AS BUILT

NO.	DWG. NO.	TITLE
1	3E-154-02-003	GENERAL ARRANGEMENT - OLD RADWASTE BUILDING SECTIONS
1	3E-154-02-002	GENERAL ARRANGEMENT - OLD RADWASTE BUILDING, ROOF PLAN

REFERENCES

STELLA 1-5-84 DRAWN DATE
P. ALBANO 2-17-84 CHECKED DATE
7/19/84 DESIGN LEADER DATE
7-18-84 ENGINEER DATE
7-18-84 MANAGER APPROVAL DATE

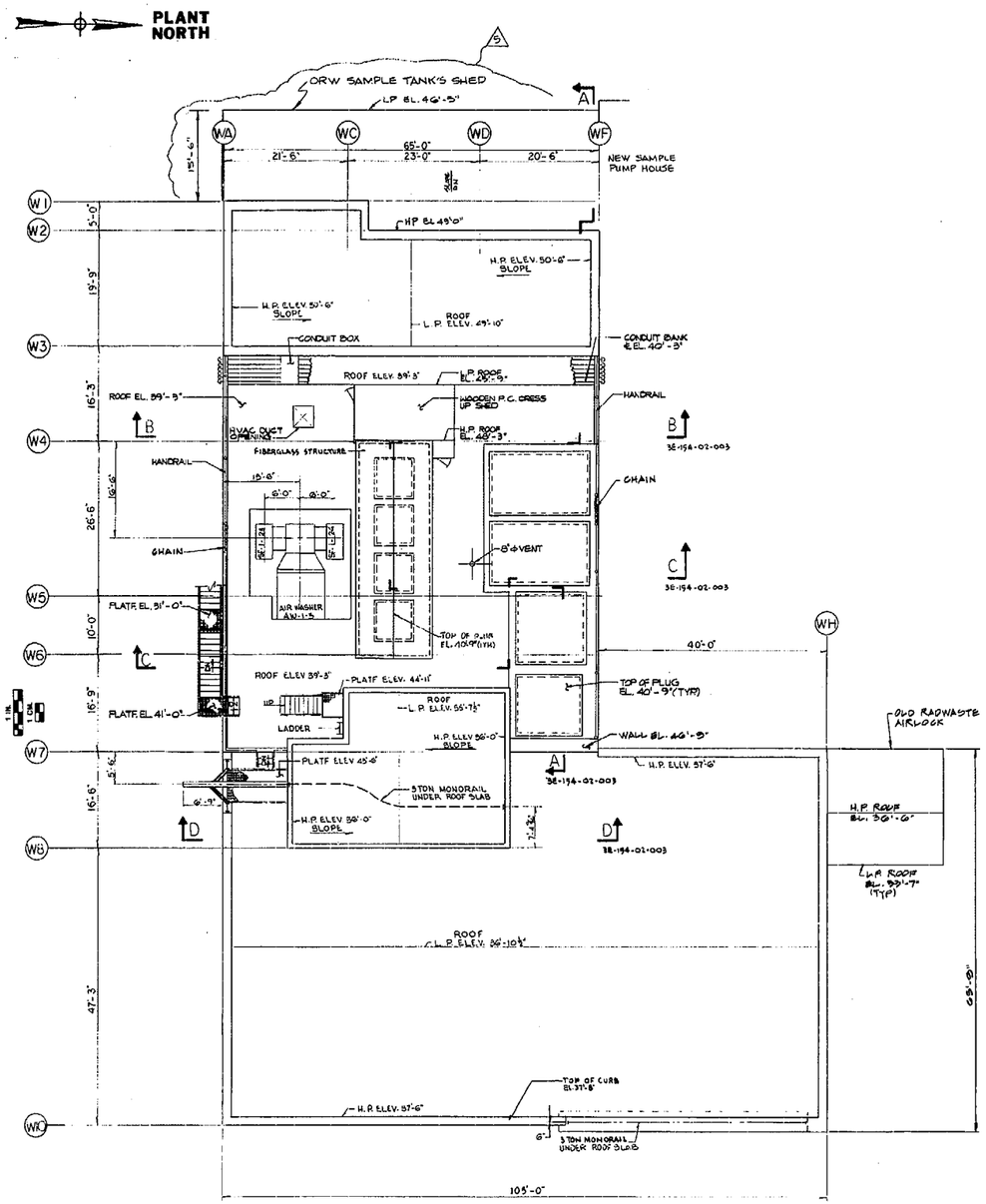
GPU Nuclear

GENERAL ARRANGEMENT
OLD RADWASTE BUILDING
PLANS

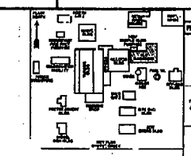
OYSTER CREEK | DWG. NO. 3E-154-02-001 | REV. 8 | SCALE: 1/8" = 1'-0"

ENG. MECH. | AUTHORIZATION NO. 321006

A0000999



ROOF PLAN



REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED PER DCN# 205167, NOTE (D-2). ADDED CHAIN (# Co & F); HANDRAIL (BG&E7, F6 & F7); OLD RADWASTE AIRLOCK (D 5), WALL (B-6)					
		R.PARNO	STANKIEWICZ				7-26-93
2	AS NOTED	PER DCN CO84408: ADDED STAIRS FROM COL. W5 TO W7 ALONG COL. LINE W6 (B6), CONDUIT (E7, F6), WOODEN P.C. DRESS-UP SHED (E7), WOODEN SHED (E6), STAIRS (D7), 8" ϕ VENT (E7)					
		CHANDCOCK	STANKIEWICZ				10/4/87
3	AS NOTED	PER FCN CO85003. DELETED WOODEN SHED (E6)					
		STANKIEWICZ	V.B./T.G.		N.A.		12-4-89
4	AS NOTED	REVISED: PER FCN CO84543.					
		LIBANO	STANKIEWICZ				7-26-91
5	H-7	ECO# 205432					
		NAG-7-93	NITTALO		N/A		4-8-94

NOTES:

1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-154-02-001

THIS DRAWING SUPERSEDES DRAWING NO. BR. 2070-2

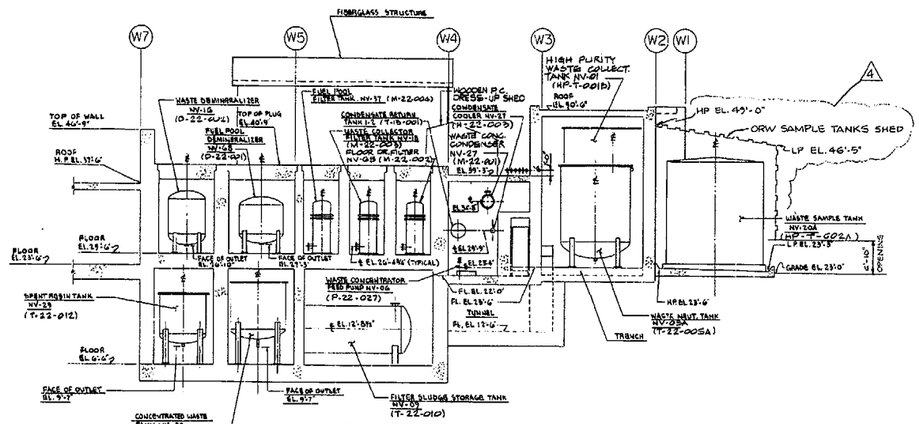
AS BUILT

DRAWN P. ALBANO DATE 2-16-84	GPU Nuclear	GENERAL ARRANGEMENT OLD RADWASTE BUILDING ROOF PLAN
CHECKED DATE 7/19/84		
DESIGN LEADER DATE		
ENGINEER DATE	OYSTER CREEK	DWG. NO. 3E-154-02-002 REV. 5
MANAGER APPROVAL DATE		SCALE: 1/8" = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 321006

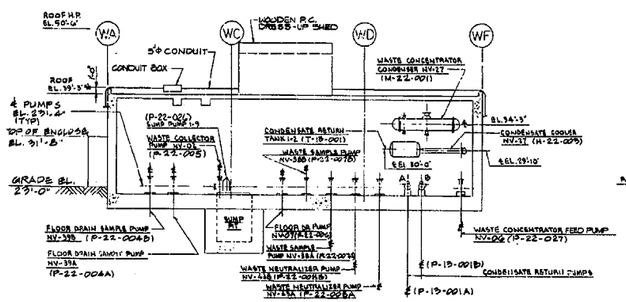
NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-154-02-002

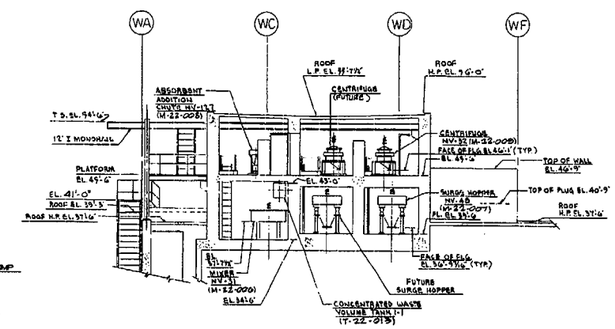
REVISIONS								
REV.	ZONE	DESCRIPTION						
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE	
1	A5 NOTED	ADDED FIRE DESIGNATION, SAFE DESIGNATION (EQ. NO.), NOTE (FOR) WOODEN (DIM. SOFT. TAG NOS.), SOFT. DESIGNATIONS (EQ.), FUTURE CENTRIFUGE (C5).						
		R. CUSINE	D. MARKWALDER				1-24-97	
2	A5 NOTED	PER ECN 208805: ADDED @ SECT. A-A WOODEN P.C. DRESS-UP SHED (F5), WOODEN SHED (F6), @ SECT. B-B WOODEN P.C. DRESS UP SHED (E6), 5"Φ CONDUIT & CONDUIT BOX (D4, D5) @ SECT. C-C STAIR SUPPORTS (B7), CONDUIT W/ CONDUIT BOX (C6), @ SECT. D-D STAIRS TO EL. 41'-0" (D4), STAIRS FROM EL. 45'-6" (E4)						
		D. HANDCOCK	S. HANEVICZ				11/13/97	
3	A5 NOTED	PER ECN 208005, REVISED: TANK I.D. LETTER (F4) DELETE: WOODEN SHED (F6)						
		S. HANEVICZ	V.B./T.G.		NA		11-11-97	
4	F-4	ECDC205432						
		S. HANEVICZ	T. TISON		NA		1-3-99	



SECTION A-A

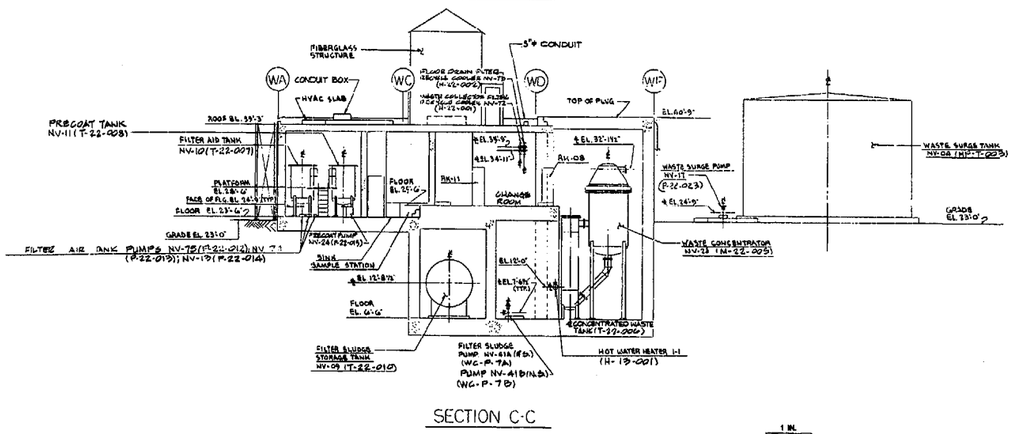


SECTION B-B



SECTION "D-D"

NOTES:
1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-154-02-001



SECTION C-C

1 IN.
1 CM.

THIS DRAWING SUPERSEDES DRAWING NO. BR.2071-2 BR.2072-2

AS BUILT

NO.	DWG. NO.	TITLE
		REFERENCES

STELLA 1-5-84 DATE
DRAWN
P. ALBANO 2-16-84 DATE
CHECKED
S. S. 7/6/84 DATE
DESIGN LEADER
ENGINEER DATE
MANAGER APPROVAL DATE

GPU Nuclear

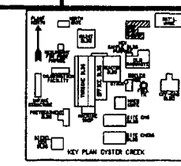
GENERAL ARRANGEMENT
OLD RADWASTE BUILDING
SECTIONS

OYSTER CREEK

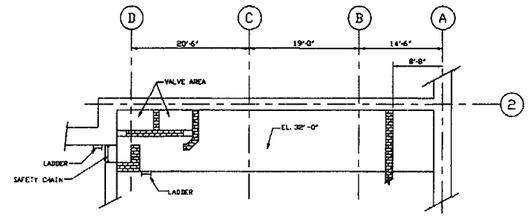
DWG. NO. 3E-154-02-003
REV. 4
SCALE: 1/8"=1'-0"
AUTHORIZATION NO. 321006
ENG. MECH.

DWG. NO. 3E-154-02-003

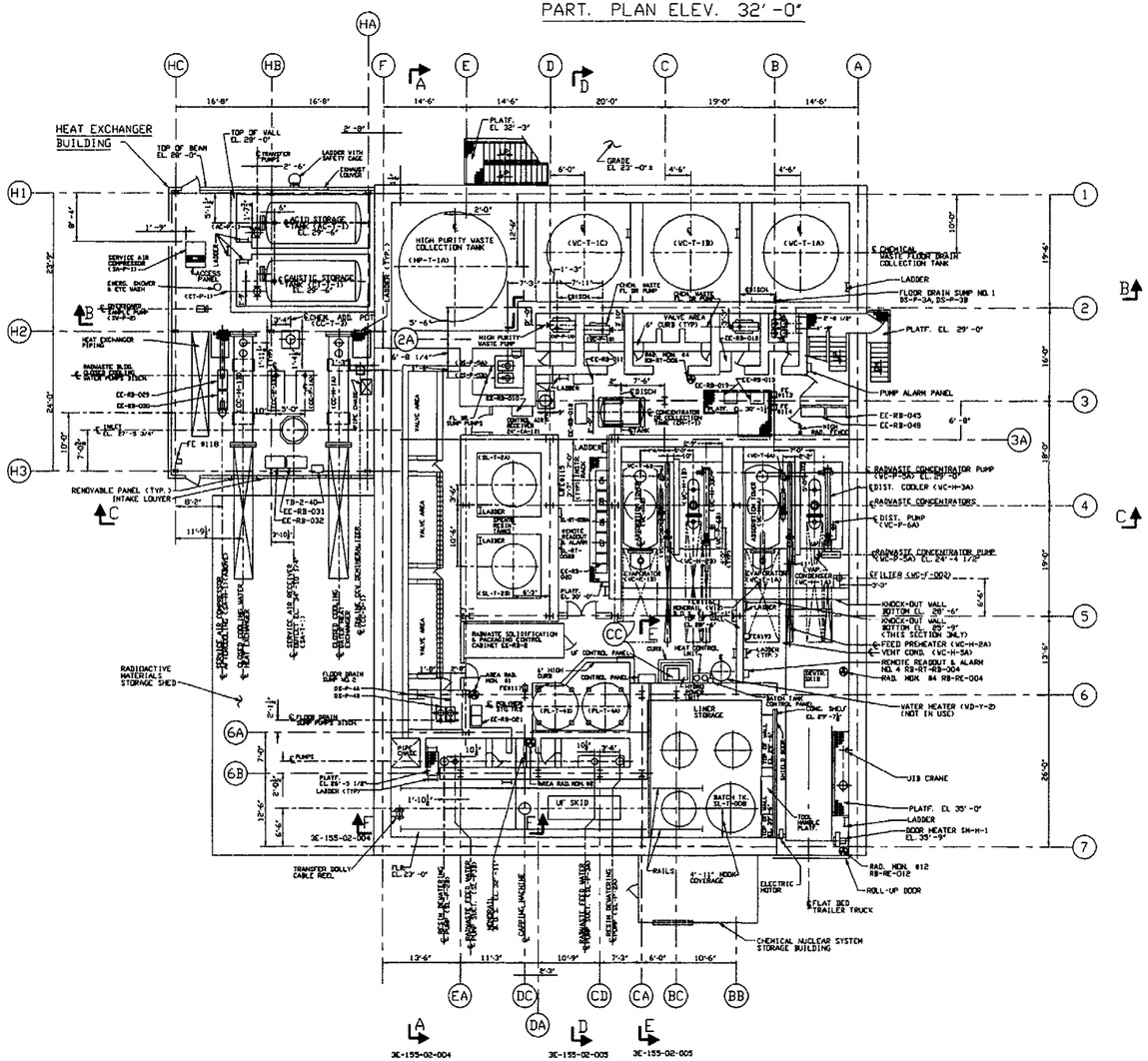
REVISIONS		
REV	ZONE	DESCRIPTION
8	F7	ECO C312165



PLANT NORTH



PART. PLAN ELEV. 32'-0"



PLAN ELEVATION 23'-6"

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

FEET 0 2 4 8 16 24

GRAPHIC SCALE

NO.	DWG. NO.	TITLE
REFERENCES		

CAD FILE NAME: CU 3E-155-02-001 SO R8

REVISION 8 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3C155020001001-0601

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

DRAWN	NANCY CARLSON 11/22/96
DESIGNED	DAN ABBRUSCATO 11/22/96

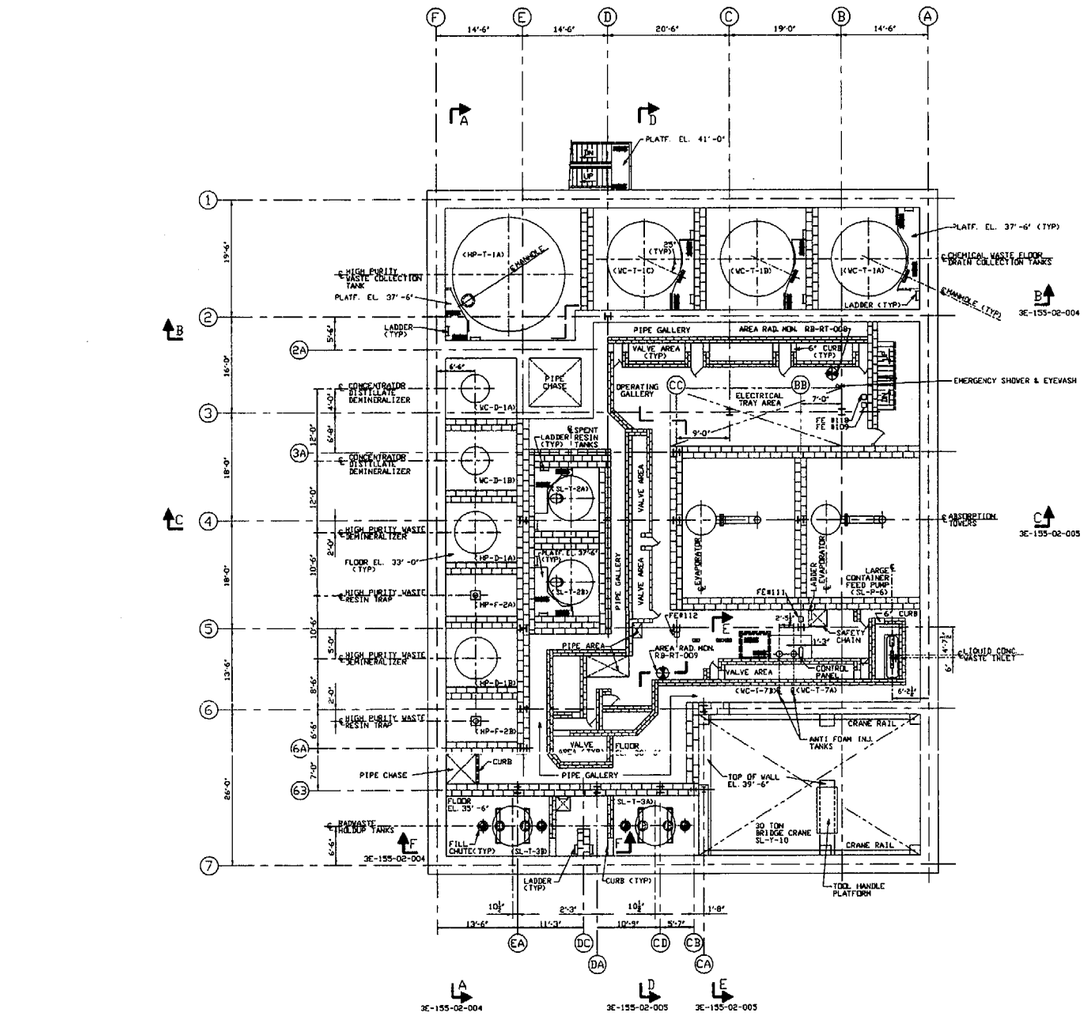
GENERAL ARRANGEMENT
NEW RADWASTE BUILDING
PLAN FLOOR ELEVATION 23'-6"

OYSTER CREEK | DWG. NO. 3E-155-02-001 | SH. N/A | REV. 8

SCALE : 1/8" = 1'-0"

DWG NO. 3E-155-02-001 SH. N/A

REVISIONS		
REV	ZONE	DESCRIPTION
5	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE



PLAN EL. 33'-0", 35'-6" & 38'-6"

NOTES:

1. FOR NOTES AND REFERENCE DRAWINGS SEE DWG 3E-155-02-001

FEET 0 2 4 8 16 24

GRAPHIC SCALE

CAD FILE NAME: GU 3E-155-02-002 S0 R5
REVISION 4 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E155020002001-0401

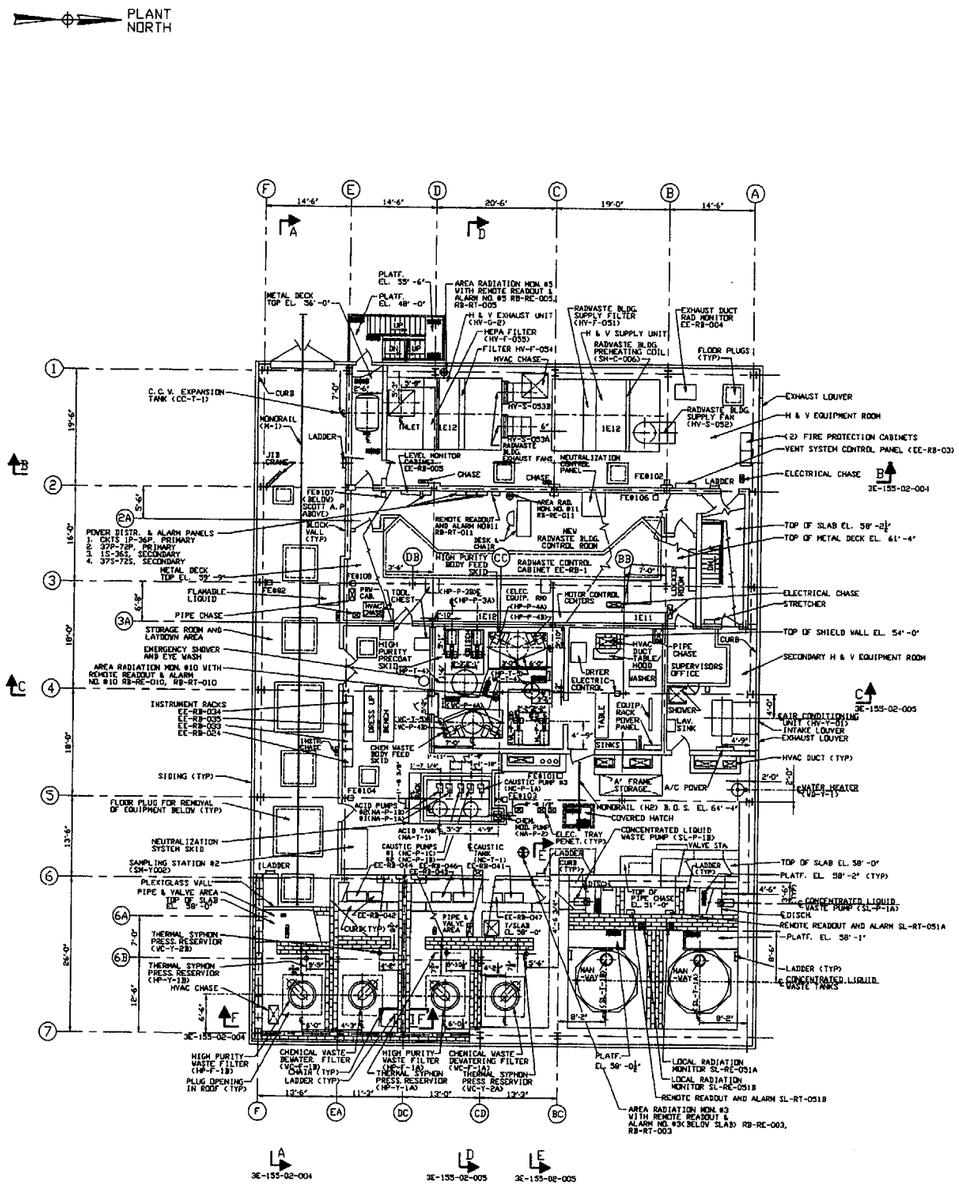
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

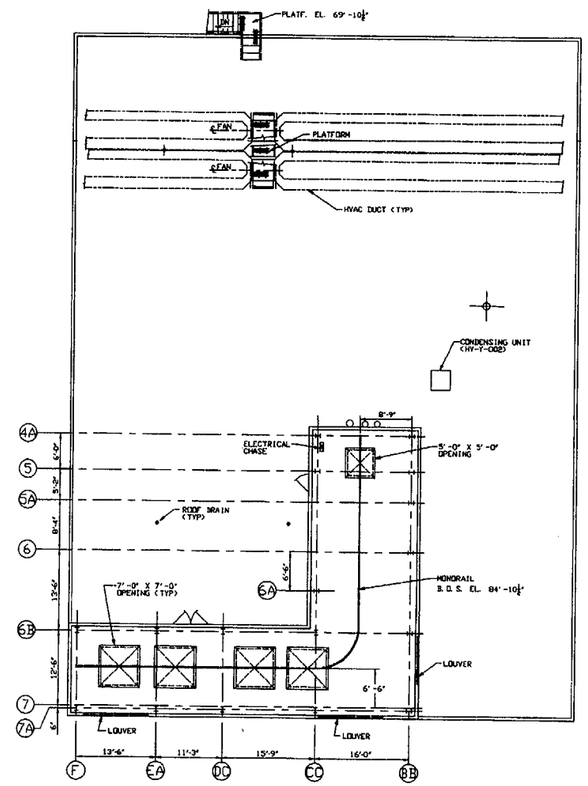
DRAWN NANCY CARLSON 4/30/99	GENERAL ARRANGEMENT NEW RADWASTE BUILDING PLAN FLOOR EL.33'-0", EL.35'-6" & EL.38'-6"
ENGINEER	OYSTER CREEK — DWG. NO. 3E-155-02-002 — SH. N/A — REV 5
ENGINEERING MANAGER	SCALE : 1/8" = 1'-0"

NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-155-02-002 SH. N/A



PLAN EL. 48'-0"



ROOF PLAN W/ FILTER REMOVAL PENTHOUSE

NOTES:

1. FOR NOTES AND REFERENCE DRAWINGS SEE DWG. 3E-155-02-001.

FEET 0 2 4 8 16 24

GRAPHIC SCALE

REVISIONS		
REV	ZONE	DESCRIPTION
6	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

CAD FILE NAME: GU 3E-155-02-003 SO RB

REVISION 5 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E155020003001-0501

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

GENERAL ARRANGEMENT
NEW RADWASTE BUILDING
PLAN FLOOR EL.48'-0"

NANCY CARLSON	4/30/99		
B. Stankiewicz	8-16-99		
[signature]	8-16-99		

OYSTER CREEK

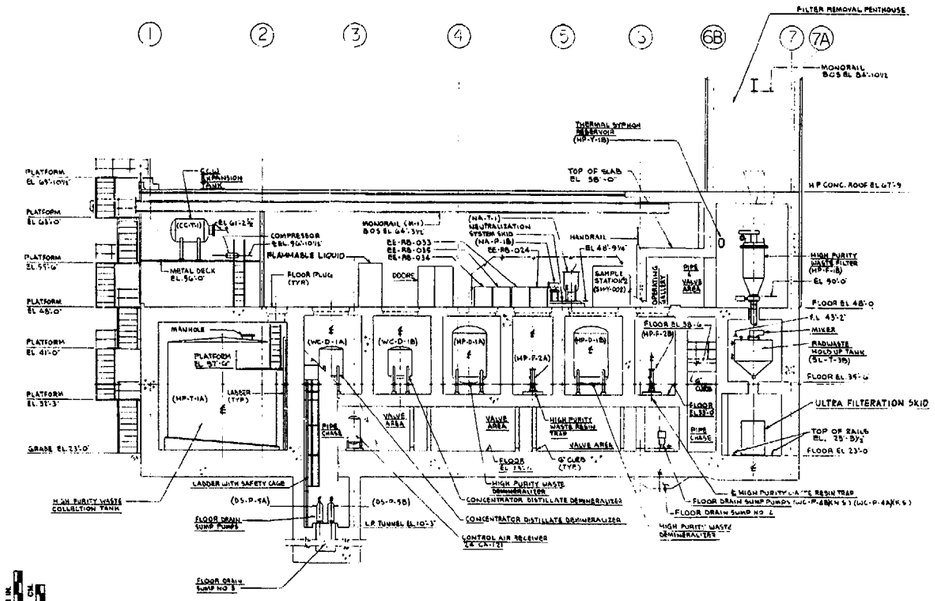
DWG. NO. 3E-155-02-003 | SH. N/A | REV. 6

SCALE : 1/8" = 1'-0"

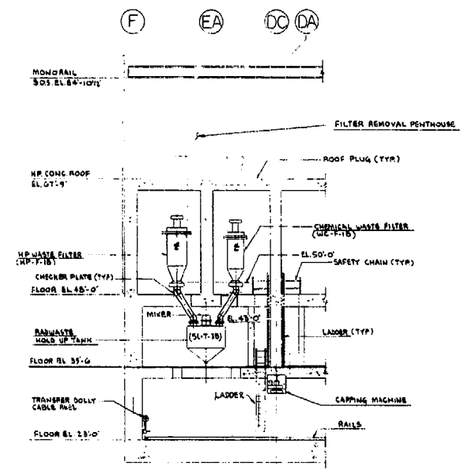
NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-155-02-003 SH. N/A

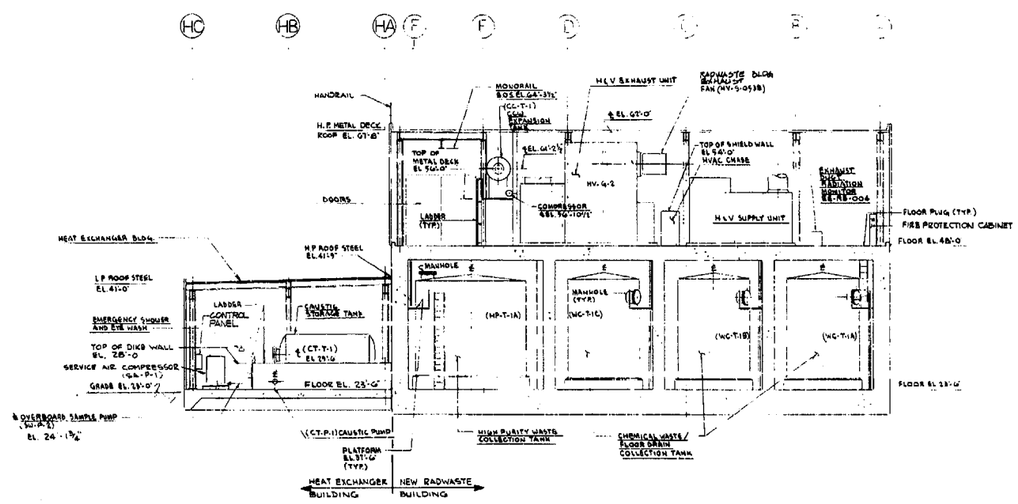
REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	DESGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED PER DCN C031167; NOTES (D-2) ADDED: REFERENCE DWGS. (D-7, A-6, E-3)						
2	F6	PER DCN C058405; ADDED: SAMPLE STATION LINE "BM-Y-002"						10/6/87
3	AS NOTED	PER DCN C093008, ADDED: FLAMMABLE LIQUID (FT) CABINET (C4)						12-4-89
4	E3 & E5	REVISED PER ECD C204747						8-29-96
5	B7	ECD C312165						11-5-99



SECTION A-A
3E-155-02-001
3E-155-02-002
3E-155-02-003



SECTION F-F
3E-155-02-001
3E-155-02-002
3E-155-02-003



SECTION B-B
3E-155-02-001
3E-155-02-002
3E-155-02-003

NOTES
1. FOR NOTES AND REFERENCE DRAWINGS 3E-155-02-001

THIS DRAWING SUPERSEDES DRAWING NO. BR-M623-G

AS BUILT

NO.	DWG. NO.	TITLE
REFERENCES		

STELLA 12-1-83 DRAWN DATE
P. DENIS 12-14-83 CHECKED DATE
7/19/84 DESIGN LEADER DATE
7-18-84 ENGINEER DATE
7-18-84 MANAGER APPROVAL DATE

GPU Nuclear

GENERAL ARRANGEMENT
NEW RADWASTE BUILDING
SECTIONS A-A, B-B & F-F

OYSTER CREEK

DWG. NO. 3E-155-02-004 REV. 5

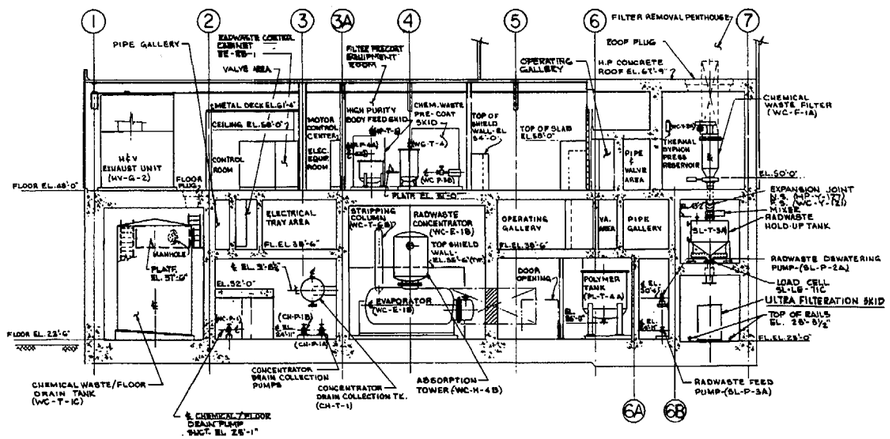
SCALE: 1/8" = 1'-0"

ENG. MECH.

AUTHORIZATION NO. 321006

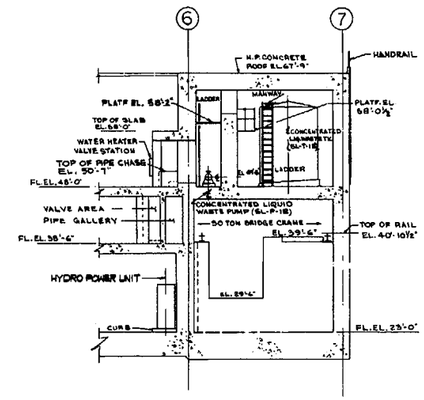
DWG. NO. 3E-155-02-004

REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	DESIGN LDR.	CHECKED	MANAGER	DATE
1	A9 NOTED	REVISED: PER DCN C051167; NOTES (D-2); REFERENCES (E-7, E-8, D-9)						
		ADDENDUM	M. WEINS					7-20-95
2	A6 NOTED	PER DCN C056408: ADDED: SINK AND POWER PANEL (C-4). BENCHES (C8). PER DCN C064155: REVISED: REMOVE/INSTALL WC-P-5A EVAPORATOR CONDENSATE PUMP (C-4).						
		ADDENDUM	M. WEINS					12/6/97
3	A6 NOTED	PER DCN C075005, DELETED: HOT MACHINE SHOP (C8)	SKOWRONSKI	T.G.				12/28/99
4	A6 NOTED	REVISED: PER DCN C080661 (E8)						
5	E5,6 B5	LIBANO SKOWRONSKI						7-22-01
		REVISED PER SCD C204747	T.W. USZKO		11/1	11/1		8-29-96



SECTION D-D

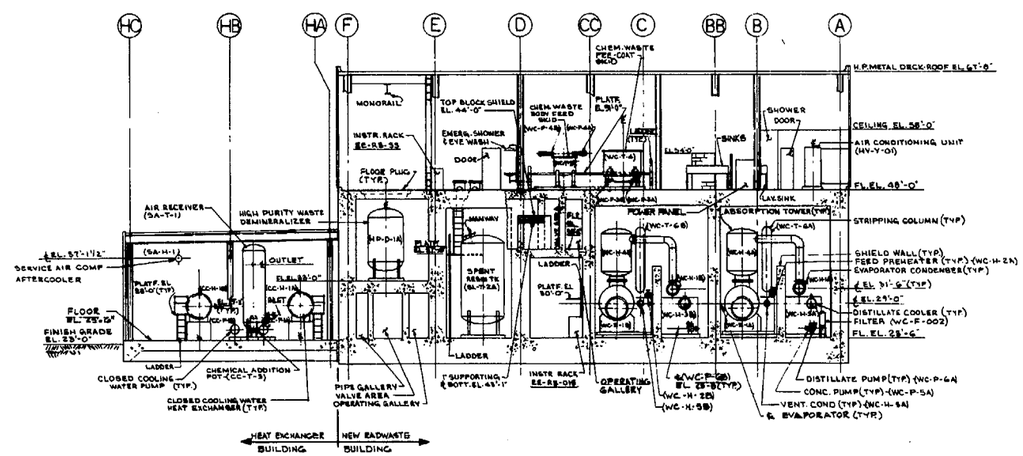
3E-155-02-001
3E-155-02-002
3E-155-02-003



SECTION E-E

3E-155-02-001
3E-155-02-002
3E-155-02-003

NOTES:
1. FOR NOTES AND REFERENCE DRAWINGS SEE 3E-155-02-001



SECTION C-C

3E-155-02-001
3E-155-02-002
3E-155-02-003

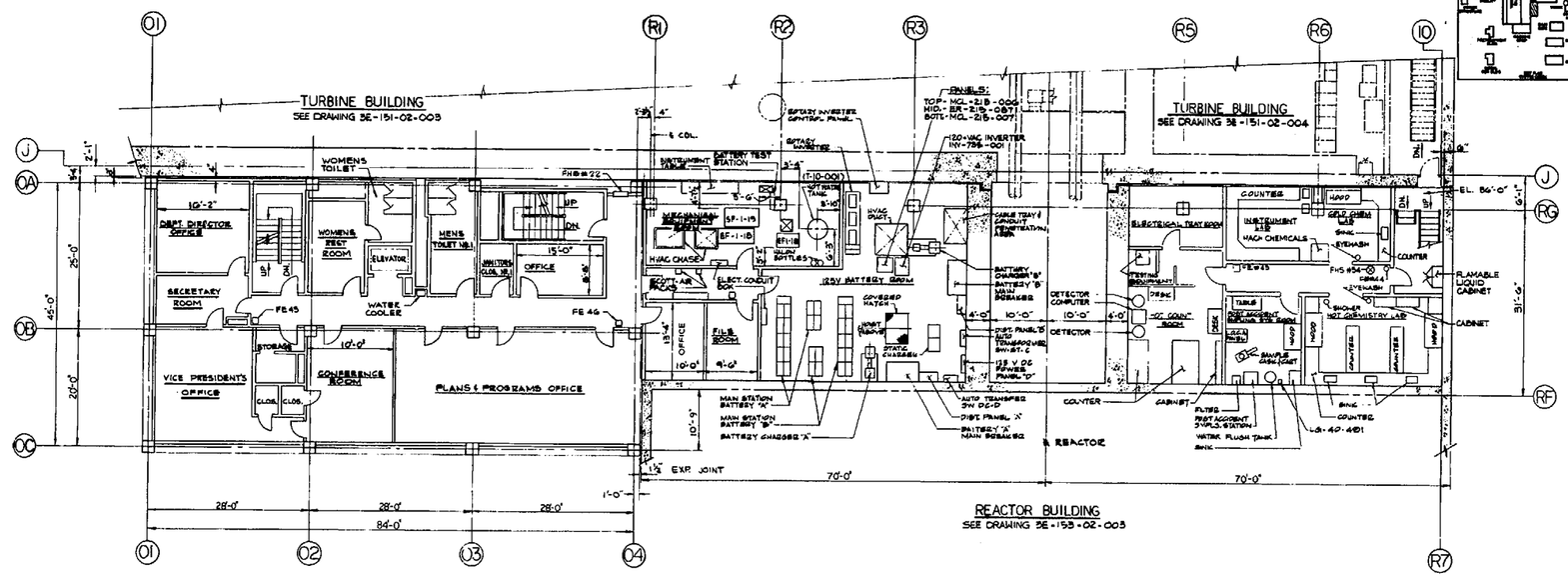
THIS DRAWING SUPERSEDES DRAWING NO BR. M624-G

AS BUILT

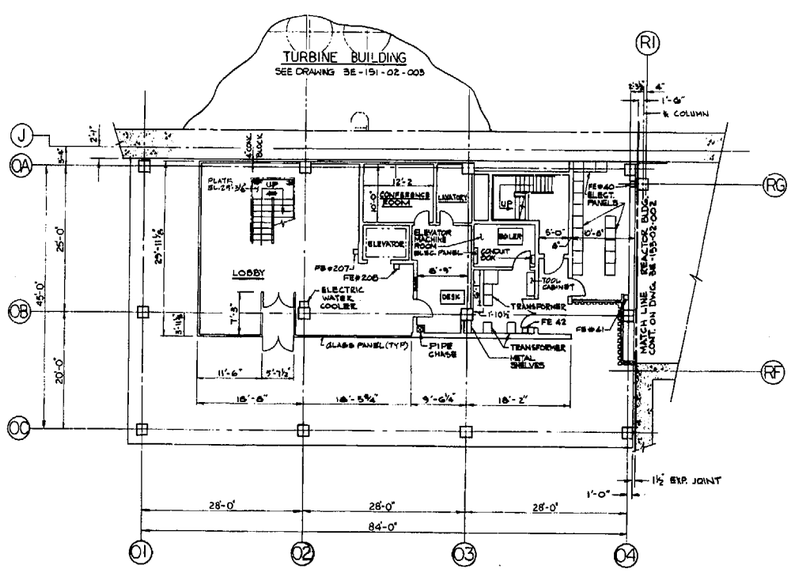
LIBANO 10-12-83 DRAWN DATE	GPU Nuclear	
P. DENG 12-14-83 CHECKED DATE	GENERAL ARRANGEMENT NEW RADWASTE BUILDING SECTIONS C-C, D-D & E-E	
7/16/84 DESIGN LEADER DATE		
7-17-84 MANAGER DATE	OYSTER CREEK	DWG. NO. 3E-155-02-005 REV. 5
7-18-84 MANAGER APPROVAL DATE		SCALE: 1/8" = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

3E-155-02-005



SECOND FLOOR PLAN EL. 35'-0"



FIRST FLOOR PLAN EL. 23'-6"

NOTES:
1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

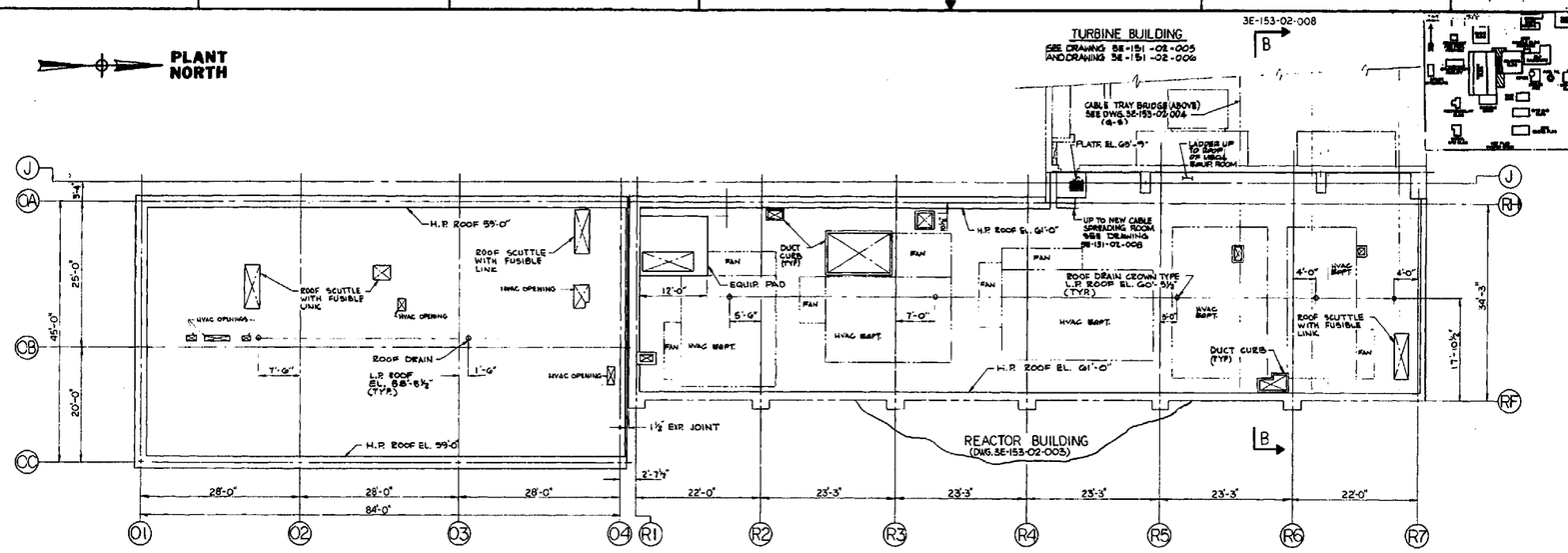
REV.	ZONE	REVISIONS DESCRIPTION	DRAWN	CHECKED	DESIGN LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	ADDED: PER DCN 00911107, 00328868 (BATTERY ROOM) HALON BOTTLE LOCATION (R-5); BATTERY ROOM (F-5); WET CHEM LAB (D-3); HOT CHEM. LAB (D-3); FIRST ACCIDENT SAMPLING ROOM (F-5) COUNT ROOM (F-6); FIRST FLOOR PLAN (A-7) ADDED: GPUN EQUIPMENT TAG NOS; NOTES (D-6); FS # 69 (D-3) CHANGED: FS # 21 (F-3)						
2	AS NOTED	PER DCN 00564051 GENERAL REVISION TO PLANS @ EL. 23'-6" AND EL. 35'-0". ADDED: PANELS MCL-218-006, MCL-218-007 (A-6, E6-215-0076E3), 120 VAC INVERTER INV-736-001 (B3), RP1-18 (D3) FS-40 (C6), FS-208 (C7) PER DCN 00528938: GENERAL REVISION TO NEW CHEM LAB FROM COL. J TO DR. / COL. 10 TO COL. R5, FS-44 WAS FS-64 (D3), FS-45 WAS FS-65 (D3)						
3	AS NOTED	PER DCN 00580008, ADDED: DESK (C1), REVISED: OFFICES (B7) (F6) (C7) I.D. NAME (G5) TESTING EQUIPMENT LOCATION (G4), DELETED: CABINETS (G4)						10/30/92
4	F-5	PER DCN 00856716, REVISED 125V BATTERY ROOM	G. ZELKO	R. KORNER	N/A			4-1-93

NO.	DWG. NO.	REFERENCES TITLE
5	3K-4810-5	FIRST AND SECOND FLOOR PLANS OFFICE BLDG.
4	3E-156-02-002	GEN. ARRGT. OFFICE BLDG. PLAN FLOOR ELEV. 46'-4" & ROOF
3	3E-151-02-004	GEN. ARRGT. TURBINE BLDG. PLAN FLOOR ELEV. 23'-6"
2	3E-151-02-003	GEN. ARRGT. TURBINE BLDG. PLAN FLOOR ELEV. 35'-0"
1	3E-153-02-002	GEN. ARRGT REACTOR BLDG. PLAN FLOOR ELEV. 23'-6"

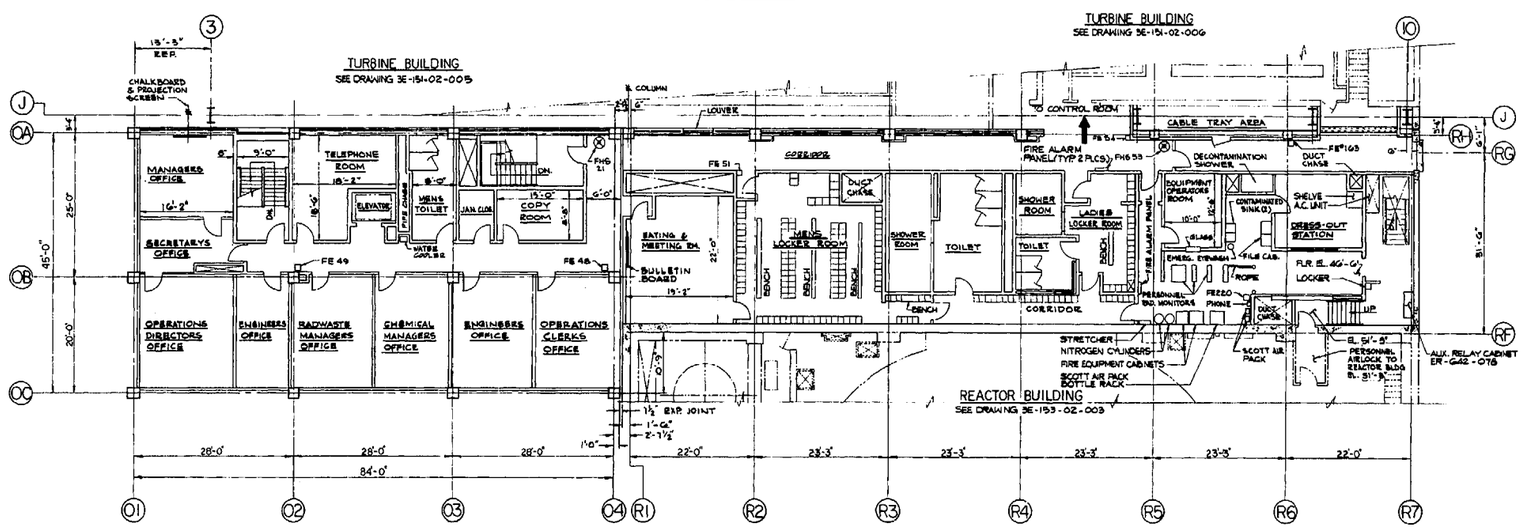
AS BUILT

DRAWN: E. MEYER 12-14-85	GPU Nuclear	
DESIGN LEADER: R. ALBANO 1-30-86	GENERAL ARRANGEMENT OFFICE BUILDING PLAN FLOOR ELEVATION 23'-6" & 35'-0"	
CHECKED: 7/11/84	OYSTER CREEK	DWG. NO. 3E-156-02-001 REV. 4
MANAGER APPROVAL: 7-12-84	SCALE: 1/8 = 1'-0"	
ENG. MECH.		AUTHORIZATION NO. 321006

DWG. NO. 3E-156-02-001



ROOF PLAN



THIRD FLOOR PLAN EL 46'-6"

NOTES:
1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-156-02-001

REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DESIGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED: PER FCN C0311G7; C0115L14; NOTES 9 (D-3); PIPE EXT (D-2); STAIR 9 (D-2). ADDED: HVAC EQUIPMENT # 9HVD (F-6, F-5); FILE CABINETS (D-4); MAINTENANCE CABINETS (D-8); FIRE CHASE (D-7); CABINETS (D-3, D-4, D-8); LOCKERS (D-5, D-4, D-6); CABLE TRAY BRIDGE (4-5) DELETED: CHART (D-3)					
2	AS NOTED	PER DCN C0586-05: REVISED: FE-220 WAS FE-62 (D3), GENERAL REVISION TO PLAN @ EL. 46'-6" FROM COL. R1 TO R7, GENERAL REVISION TO ROOF PLAN FROM COL. R4 TO R6. ADDED: AUX. RELAY CABINET # ER-642-078 (D3)					
3	AS NOTED	PER FCN C0950D3, ADDED: CABINETS (D6) FE-9, 169 (B8) REVISED: OFFICES (D7)/(D6)(D8) BULLETIN BOARD LOCATION (D8)/HEALTH PHYSICS STORAGE (D3) DELETED: HEALTH PHYSICS OFFICE (D3) FILE CABINETS (B4) (D)3 SINKS (D5) DESK (D5)					

AS BUILT

GPU Nuclear

GENERAL ARRANGEMENT
OFFICE BUILDING
PLAN FLOOR ELEVATION 46'-6" AND ROOF PLAN

OYSTER CREEK

DWG. NO. 3E-156-02-002 REV. 3

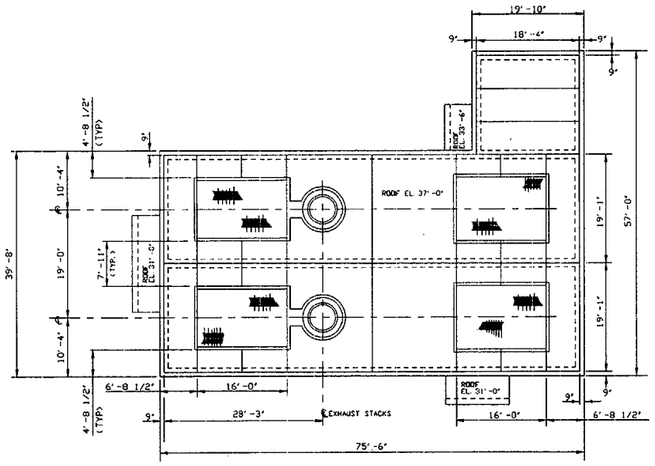
SCALE: 1/8"=1'-0"

AUTHORIZATION NO. 321006

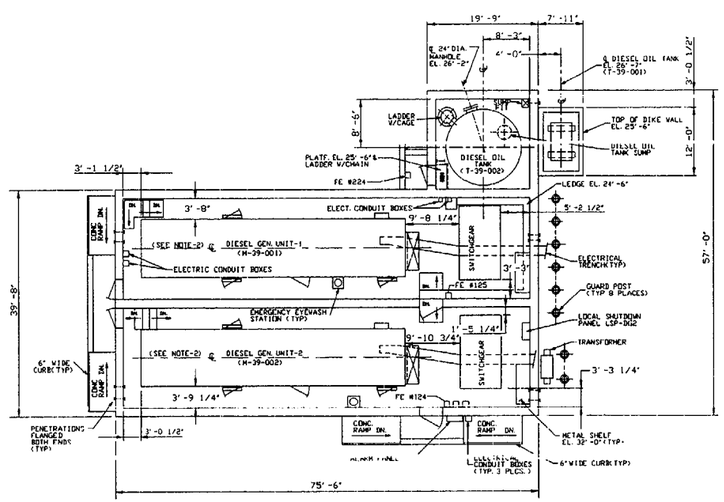
NO.	DWG. NO.	TITLE
8	3E-156-02-001	GENERAL ARRANGEMENT OFFICE BLDG. CHECK PLOTTING & TRACEABILITY
7	BK4511-6	THIRD FLOOR PLAN OFFICE BLDG
6	3E-156-02-001	GEN. ARRGT. OFFICE BLDG. PLAN FLOOR ELEV. 23'-0", 34'-0"
5	4505	ECCP PLAN AND DETAILS, B.E. DRAWING 4503
4	3E-151-02-008	GEN. ARRGT. TURBINE BLDG. SECTIONS (PART PLAN MECH. BASE EL.)
3	3E-151-02-009	GEN. ARRGT. TURBINE BLDG. PLAN FLOOR ELEV. 46'-6"
2	3E-151-02-006	GEN. ARRGT. TURBINE BLDG. PLAN FLOOR ELEV. 54'-10"
1	3E-153-02-003	GEN. ARRGT. REACTOR BLDG. PLAN FLOOR ELEV. 23'-0"

REFERENCES

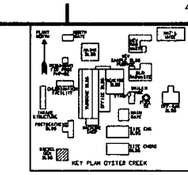
3E-156-02-002



PLAN @ EL. 37'-0"
ROOF PLAN



PLAN @ EL. 23'-0"



REVISIONS		
REV	ZONE	DESCRIPTION
4	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).
2. DOORS ON DIESEL GENERATORS ARE NORMALLY CLOSED.
3. FOR ADDITIONAL INFORMATION ON FIRE PROJECTION EQUIPMENT SEE PRE-FIRE STRATEGY PLAN-LAYOUT DRAWING 3B-911-04-005.

FEET 0 2 4 8 16 24
GRAPHIC SCALE

CAD FILE NAME: CU 3E-157-02-001 SO R4
REVISION 3 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CACAM FILE 03E157020001001-0301

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN: NANCY CARLSON DATE: 4/30/99
CHECKED: DATE: 4/2/99
DATE: 4/8/99
ENGINEER: DATE:
PROJECTION MANAGER: DATE:

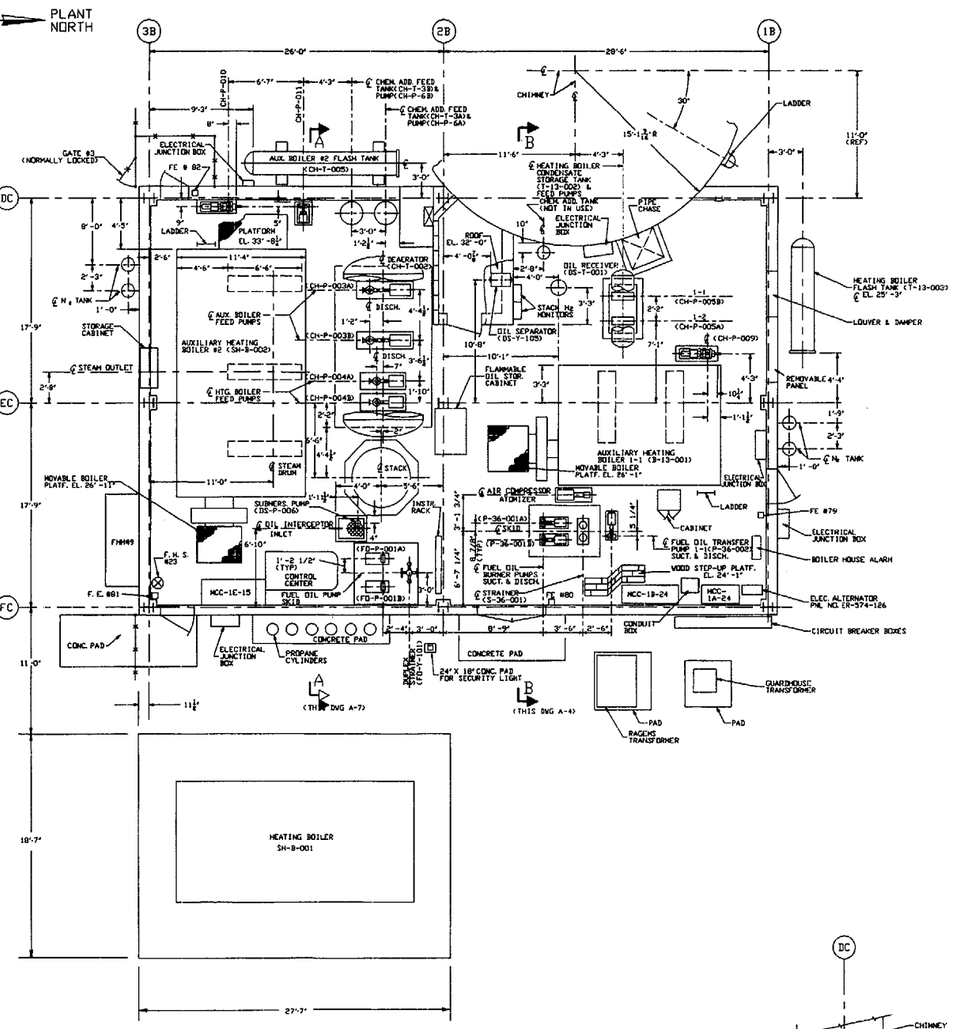
GPU NUCLEAR

GENERAL ARRANGEMENT
DIESEL GENERATOR BUILDING
PLANS AT EL. 23'-0" & 37'-0"

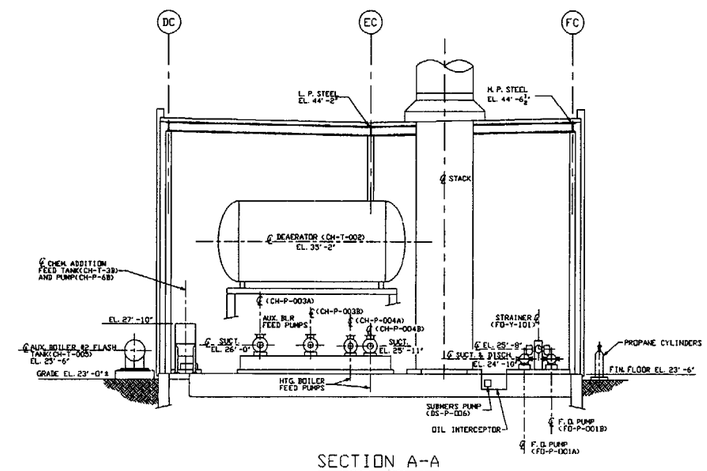
OYSTER CREEK | DWG. NO. 3E-157-02-001 | SH. N/A | REV. 4
SCALE : 1/8" = 1'-0"

NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-157-02-001 SH. N/A

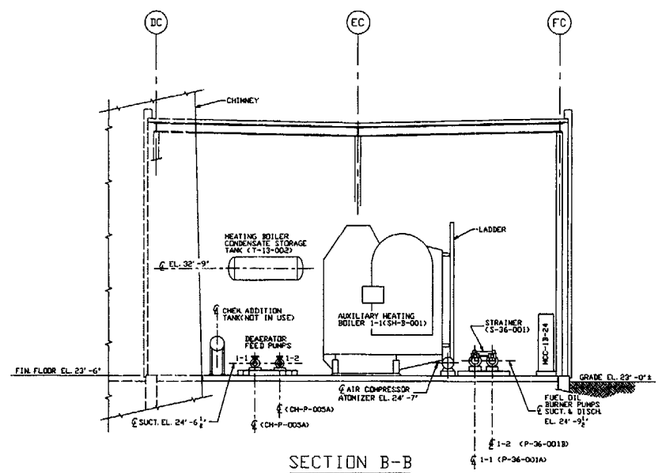


PLAN AT EL. 23'-6"



SECTION A-A

(THIS DWG D-7)



SECTION B-B

(THIS DWG D-6)

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

FEET 0 1 2 4 8 12

GRAPHIC SCALE

REVISIONS		
REV	ZONE	DESCRIPTION
9	ALL	ADMINISTRATIVE CHANGE

KEY PLAN OYSTER CREEK

NO.	DWG. NO.	TITLE
	REFERENCES	

CAD FILE NAME: GU 3E-158-02-001 SO R9

REVISION 7 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E15802000100I-0701

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

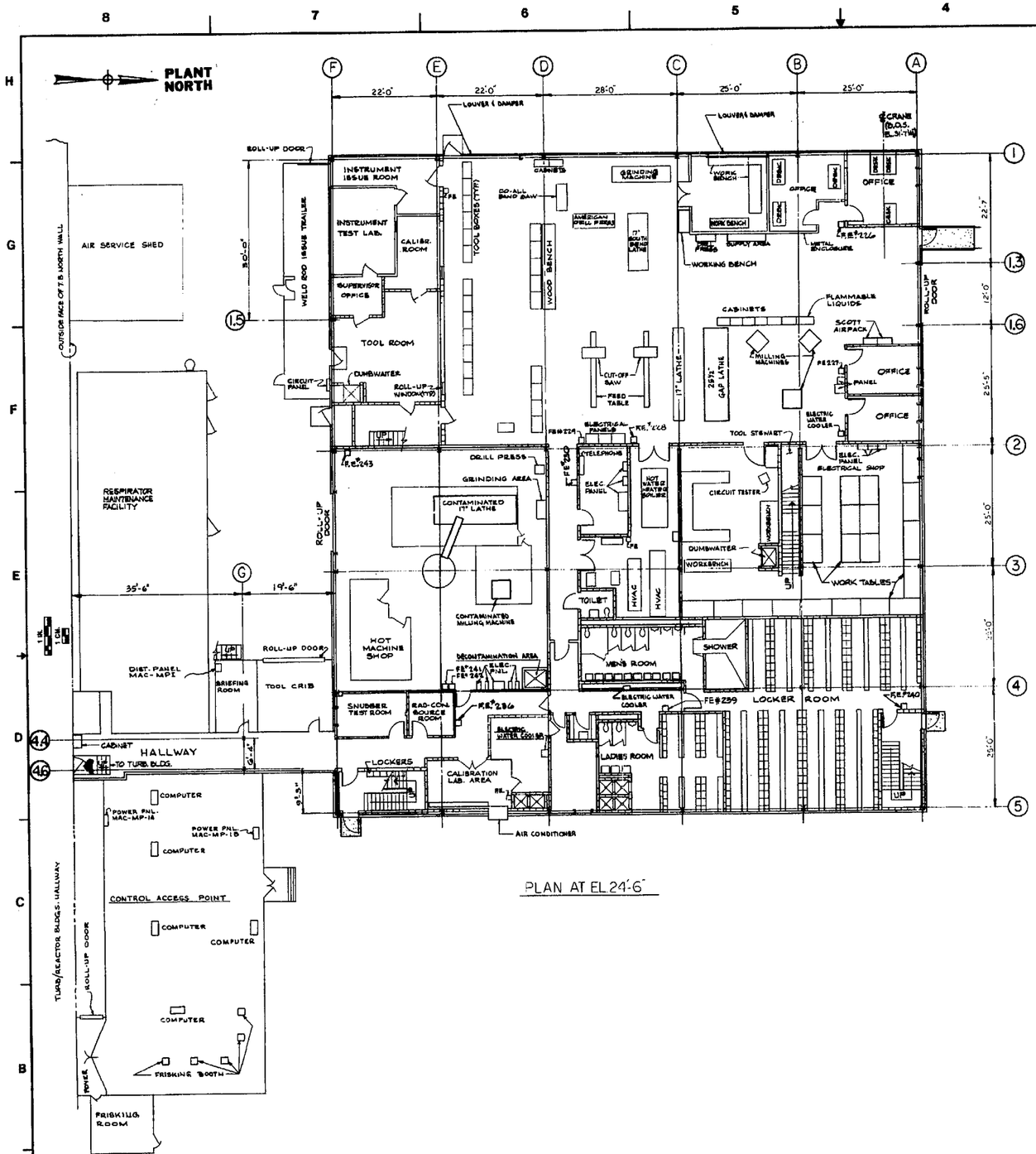
GPU NUCLEAR

DRAWN: DATE
NANCY CARLSON 4/20/99
CHECKED: DATE
BOB STANKIEWICZ 5/26/99
PROJECT MANAGER: DATE
5/26/99
OWNER: DATE
OWNER'S REPRESENTATIVE: DATE

GENERAL ARRANGEMENT
HEATING BOILER HOUSE
PLAN AT EL. 23'-6" AND SECTIONS

OYSTER CREEK	DWG. NO. 3E-158-02-001	SH. N/A	REV. 9
	SCALE : 1/4" = 1'-0"		

DWG. NO. 3E-158-02-001 SH. N/A



PLAN AT EL 24'-6"

REVISIONS							
REV.	ZONE	DESCRIPTION	DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED: PER DCN 00361087 OFFICE AREA (6B), STORAGE AREA (D7), CONTROL ROOM (D6), EQUIPMENT LOCATIONS (6B) MODIFY: HAND SCALPING MACHINE (B7), EL. SC. PANEL (F2), LAUNDRY ROOM (F8, E8), CABLE (F5, D6). DELETED: WATER COOLER (D7), WORK BENCH (F8).						9-24-85
2	AS NOTED	PER DCN 00584081 REVISED: WORK BENCH ARRANGEMENT (PG. 6G), AREA FROM COL. LINE F TO G AND 1 TO 1.5 (G7). ADDED: RESPIRATOR MAINTENANCE FACILITY (D8, E8, F8), STAIRS (D8X D7), CONTROL ACCESS POINT (D7), DOORS (D8), FRISKING BOOTHS (D8, D7), AIR SERVICE SHED (G8). DELETED: CONCRETE PAD (21'X14'), DOORWAY (G7)						10/21/87
3	AS NOTED	PER FCN 00486005, ADDED: WELD ROD ISSUE TRAILER (B7) CONTAMINATION ENCLOSURES (B6) TOOL BOXES (H6X G6) SCOTT PACKS (G6) PANELS (F6) (D6) (F6), FE (F6) CIRCUIT TESTER. WORK BENCH ETC. (E6) (E5) DESIGNATION: ROOM DESIGNATION: (G6) LATHE & CUT-OFF SAW (E6) (E5) ROLL UP WINDOW (F6) REVISED: CONTROL ACCESS POINT (D7) DOOR SWING (D6) ROOM DESIGNATION: (D7) DELETED: WORK BENCHES (H6X G6) LOCKERS (G6) (E6) BENCH & ROLL PRESS (E6) FE (D7) BOWIR WASHER (E6) DOORWAY (E5)						12-21-87
4	AS NOTED	REVISED: PER FCN C051028 (C8)	LIBANO	STANGRIMAE				7-26-91

AS-BUILT

GPU Nuclear

GENERAL ARRANGEMENT
MAINTENANCE BLDG.
PLAN AT EL. 24'-6"

OYSTER CREEK

DWG. NO. 3E-162-02-001 REV. 4

SCALE: 1/8" = 1'-0"

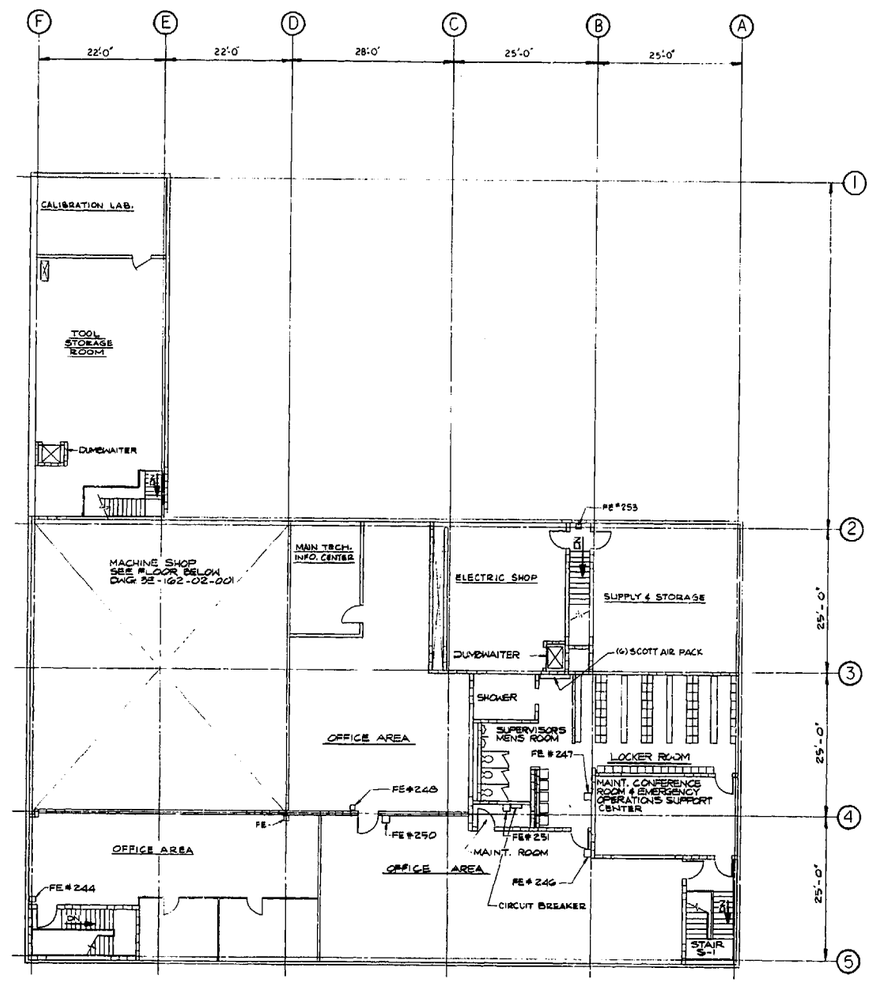
AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
3	[illegible]	MAINTENANCE BLDG. FIRST AND SECOND FLOOR PLAN
2	3E-162-02-003	GENERAL ARRANGEMENT DWG. MAINTENANCE BLDG. - ROOF PLAN
1	3E-162-02-002	GENERAL ARRANGEMENT DWG. MAINTENANCE BLDG. - PLAN AT EL. 34'-6"

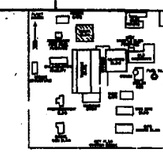
REFERENCES

DRAWN M. HOMOLKA 9/10/85 DATE
CHECKED R. THEME 2-13-87 DATE
DESIGN LEADER 7/19/84 DATE
ENGINEER 7-16-84 DATE
MANAGER APPROVAL 7-16-84 DATE
ENG. MECH.

3E-162-02-001



PLAN AT EL. 38'-6"



REV.	ZONE	REVISIONS DESCRIPTION	DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED: PER DCN 62 311027; NOTES (D2) ADDED: PER EXTINGUISHER #1&#2 (F6)						
		DWG. REVISED	R. DENG					5-26-93
2	AS NOTED	PER DCN C058405; ADDED: AREA FROM COLUMN LINE E TO F AND 1 TO 2 (F7, G7)						
		DWG. REVISED	STANKIEWICZ					10/4/87
3	AS NOTED	PER FCN C093005, ADDED: TOOL STORAGE (F7) CALIBRATION LAB. (G7) OFFICE AREA (C7) ELECTRIC SHOP (E5) STORAGE (F4) FE (E5) (D6) SCOTT AIR PACK (E5) MAIN TECH. INFO. CENTER (E6) DELETED: LUNCHROOM (D6) WORK FORCE OFFICE (E6)						
		DWG. REVISED	STANKIEWICZ	G.A. ROPALO				12-18-91

NOTES

1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-162-02-001.

AS BUILT

M. HOMOLKA 10/10/83 DRAWN DATE

R. DENG 8/23/88 CHECKED DATE

7/13/84 DESIGN LEADER DATE

7-16-84 ENGINEER DATE

7-16-84 MANAGER APPROVAL DATE

GPU Nuclear

GENERAL ARRANGEMENT
MAINTENANCE BLDG.
PLAN AT EL. 38'-6"

OYSTER CREEK

DWG. NO. 3E-162-02-002 REV. 3

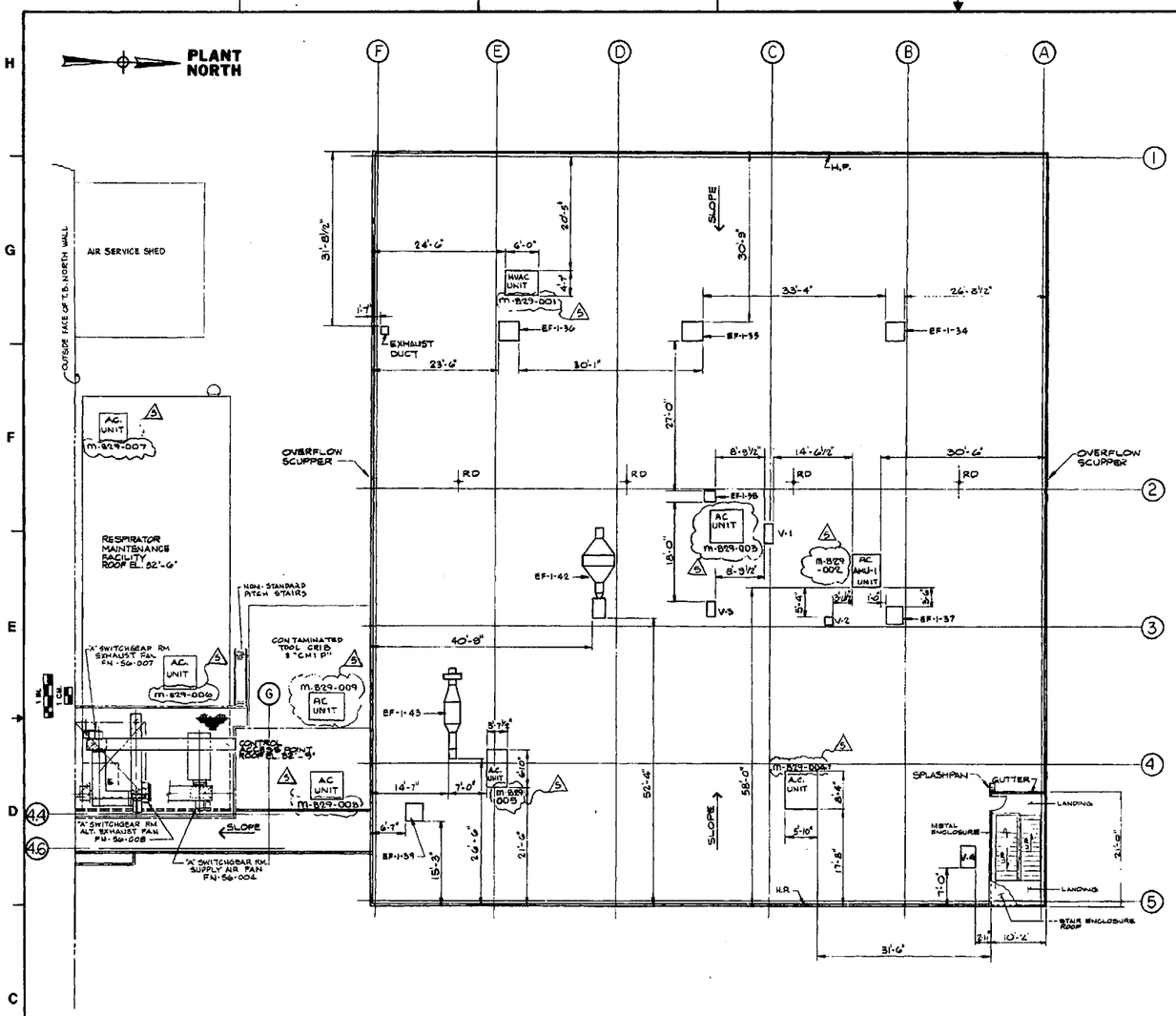
SCALE: 1/8" = 1'-0"

ENG. MECH.

AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

DWG. NO. 3E-162-02-002



ROOF PLAN

NOTES

1. FOR NOTES & REFERENCE DRAWINGS SEE 3E-162-02-001.

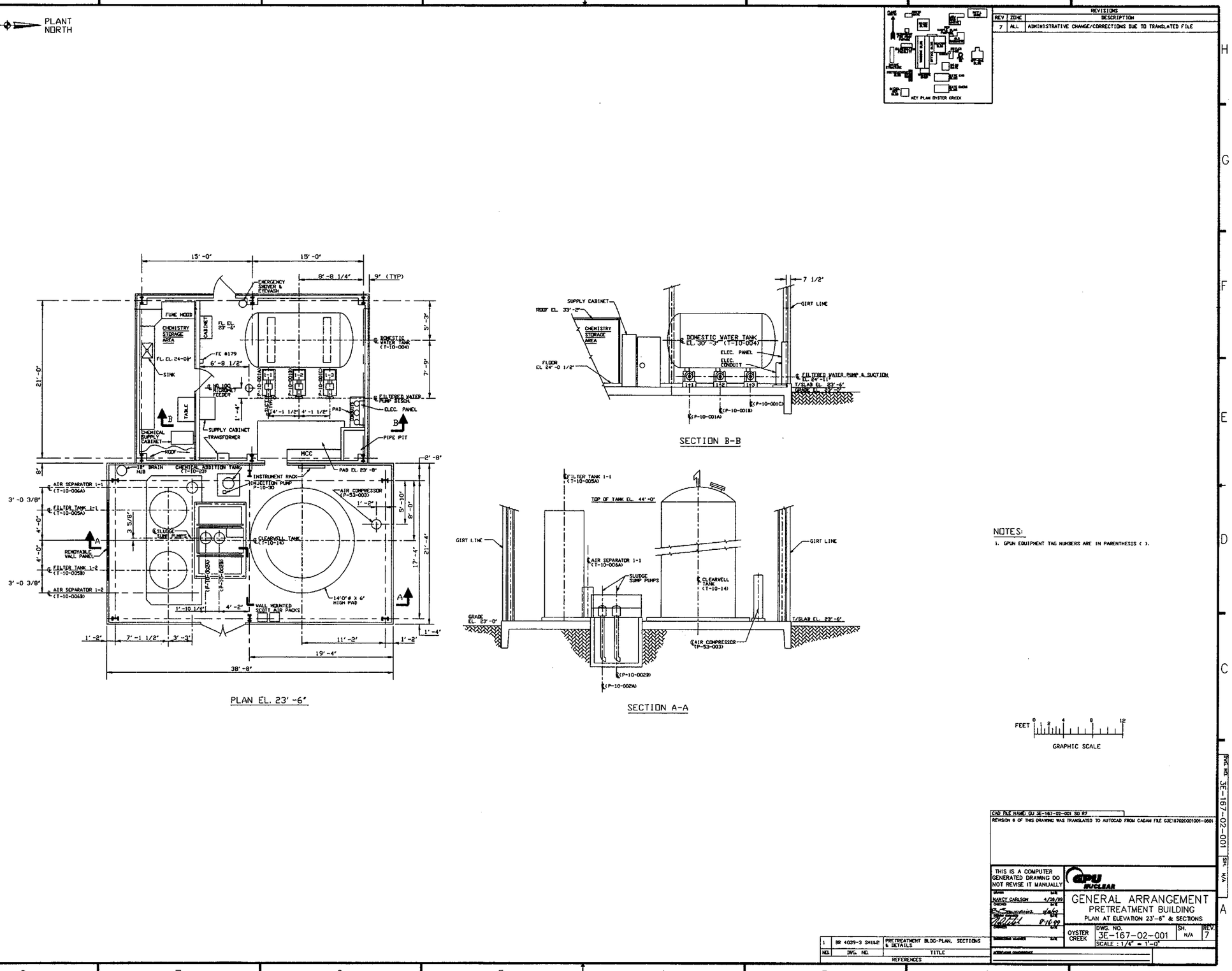
REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	A9 NOTED	REVISED: PER DCN C0791 (G1) NOTES (D-2); STAIRS (D-4).					
		SANDERSON	P. DENE				7-24-85
2	A6 NOTED	PER DCN C0584005: ADDED: A.C. OPENING (G6), RESPIRATOR MAINTENANCE FACILITY (E8, F8), HVAC EQUIPMENT PLATFORM (D8), CONTROL ACCESS POINT (D1), STAIRS (E1), A.C. UNITS (F8, E8, D7), AIR SERVICE SHED (G8)					
		J. HAUSCOCK	STANSERVICE				11/15/77
3	A6 NOTED	PER FCN C0895003: ADDED: LADDER W/CAGE (F8) HVAC UNIT (E6) A.C. UNIT (D8)(D6) DELETED: A.C. OPENING (G6) REVISED: I.D. NUMBERS (TYP. ALL OVER)					
		J. SANDERSON	GAROFALO				12-29-81
4	D-8	REVISED PER FCN C0886673					
		J. GRAHAM			N/A	S. B. S.	4-11-94
5	—	FCN C1187(G)			N/A	L. Brown	7-21-95
		APPD. 7-12-95					

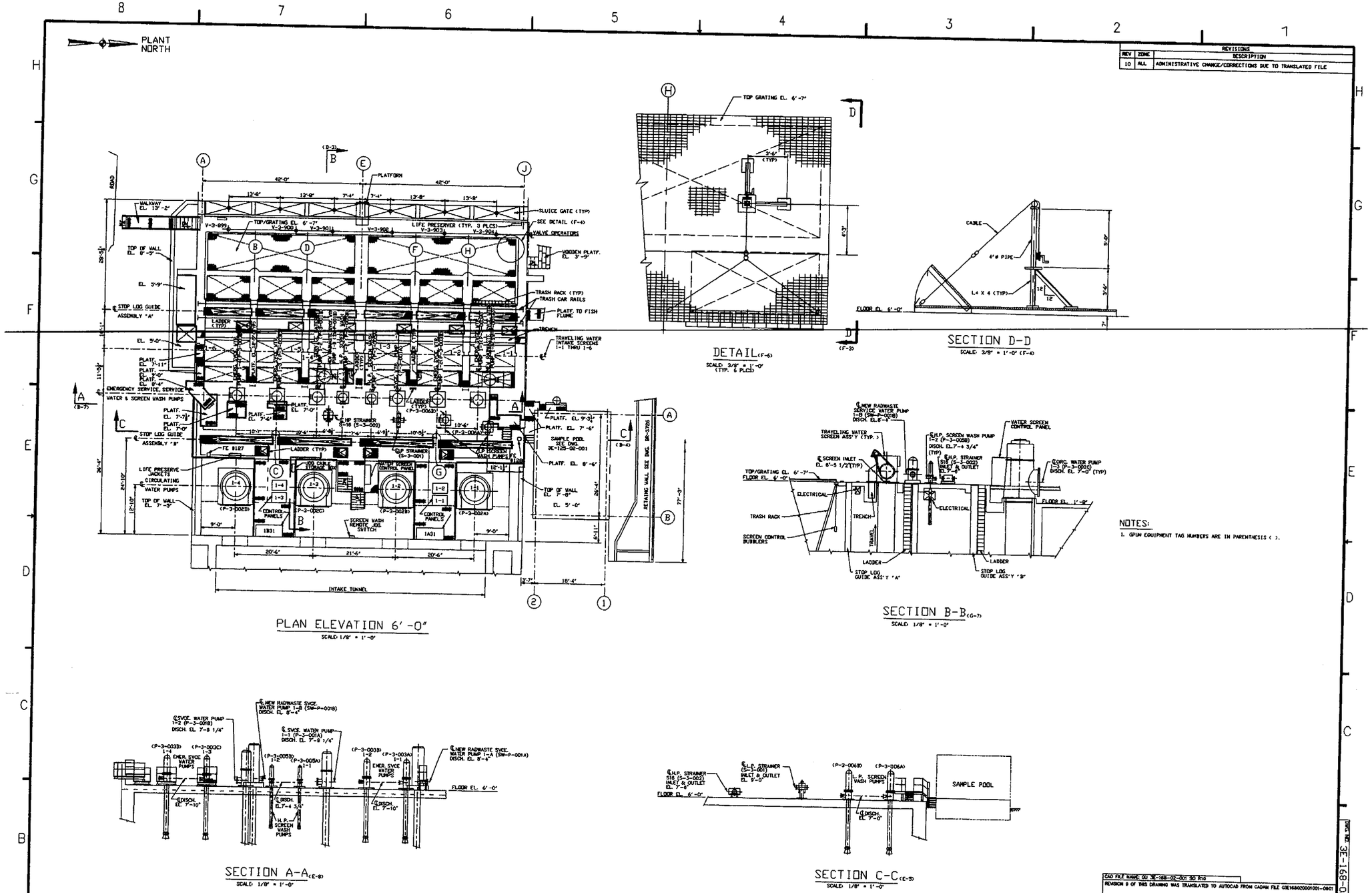
AS BUILT

M. HOMOLKA 10/12/83 DRAWN DATE	GPU Nuclear	
P. DENE 2-15-84 CHECKED DATE	GENERAL ARRANGEMENT MAINTENANCE BLDG. ROOF PLAN	
7/13/84 DESIGN LEADER DATE		
7-12-94 ENGINEER DATE	OYSTER CREEK	DWG. NO. 3E-162-02-003 REV. 5
7-12-94 MANAGER APPROVAL DATE		SCALE: 1/8" = 1'-0"
ENG. MECH.		AUTHORIZATION NO. 321006

NO.	DWG. NO.	TITLE
		REFERENCES

FORM NO. 3E-162-02-003


PLANT NORTH
REVISIONS
REV | ZONE | DESCRIPTION
7 | ALL | ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE
KEY PLAN OYSTER CREEK
PLAN EL. 23'-6"
SECTION B-B
SECTION A-A
DOMESTIC WATER TANK EL. 30'-3" (T-10-004)
CHEMISTRY STORAGE AREA
FUME HOOD
SINK
TABLE
SUPPLY CABINET
TRANSFORMER
ELEC. PANEL
PIPE PIT
MCC
CHEMICAL ADDITION TANK (T-10-23)
INSTRUMENT RACK
INJECTION PUMP P-10-30
AIR COMPRESSOR (P-53-003)
CLEARWELL TANK (T-10-14)
SLUDGE SUMP PUMPS
REMOVABLE WALL PANEL
WALL MOUNTED SCOTT AIR PACKS
14'0"ø x 6" HIGH PAD
AIR SEPARATOR 1-1 (T-10-006A)
FILTER TANK 1-1 (T-10-005A)
FILTER TANK 1-2 (T-10-005B)
AIR SEPARATOR 1-2 (T-10-006B)
FILTERED WATER PUMP DISCH
FILTERED WATER PUMP & SUCTION
GIRT LINE
TOP OF TANK EL. 44'-0"
GRADE EL. 23'-0"
T/SLAB EL. 23'-6"
38'-8"
19'-4"
11'-2"
7'-1 1/2"
3'-3"
1'-2"
1'-4"
2'-8"
21'-0"
7'-9"
5'-3"
15'-0"
8'-8 1/4"
9" (TYP)
6'-8 1/2"
3'-0 3/8"
4'-0"
17'-4"
21'-4"
5'-10"
8'-0"
1'-10 1/4"
4'-2"
3 5/8"
1'-4"
7 1/2"
SUPPLY CABINET
ROOF EL. 33'-2"
FLOOR EL. 24'-0 1/2"
ELEC. PANEL
ELEC. CONDUIT
GRADE EL. 23'-0"
(P-10-002B)
(P-10-002A)
(P-10-001A)
(P-10-001B)
(P-10-001C)
NOTES:
1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).
FEET 0 1 2 4 8 12
GRAPHIC SCALE
CAD FILE NAME: GU 3E-167-02-001 SO R7
REVISION 6 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E167020001001-0001
THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY
NANCY CARLSON 4/28/99
8-16-99
GPU NUCLEAR
GENERAL ARRANGEMENT
PRETREATMENT BUILDING
PLAN AT ELEVATION 23'-6" & SECTIONS
OYSTER CREEK
DWG. NO. 3E-167-02-001
SH. N/A
REV. 7
SCALE : 1/4" = 1'-0"
1 | BR 4039-3 SH1&2 | PRETREATMENT BLDG-PLAN, SECTIONS & DETAILS
NO. | DWG. NO. | TITLE
REFERENCES
DWG. NO. 3E-167-02-001
SH. N/A



NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

REVISIONS		
REV	ZONE	DESCRIPTION
10	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

CAD FILE NAME: GU 3E-168-02-001 SO R10

REVISION 9 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E168020001001-0801

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

NANCY CARLSON 4/27/99

GPU NUCLEAR

GENERAL ARRANGEMENT
INTAKE STRUCTURE
PLAN AND SECTIONS

OYSTER CREEK | DWG. NO. 3E-168-02-001 | SH. N/A | REV. 10

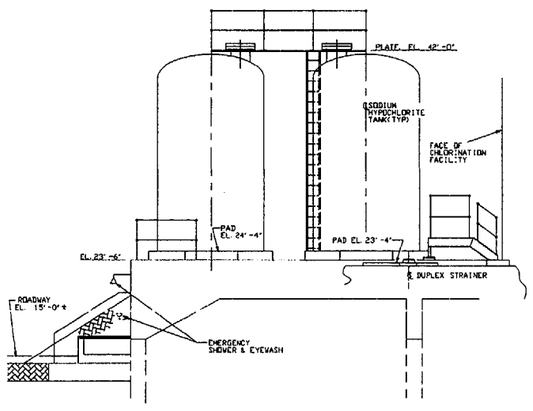
SCALE : AS NOTED

NO.	DWG. NO.	TITLE
1	BR 2160-6	COMPOSITE PIPING PLANS & SECTION, INTAKE STRUCTURE

REFERENCES

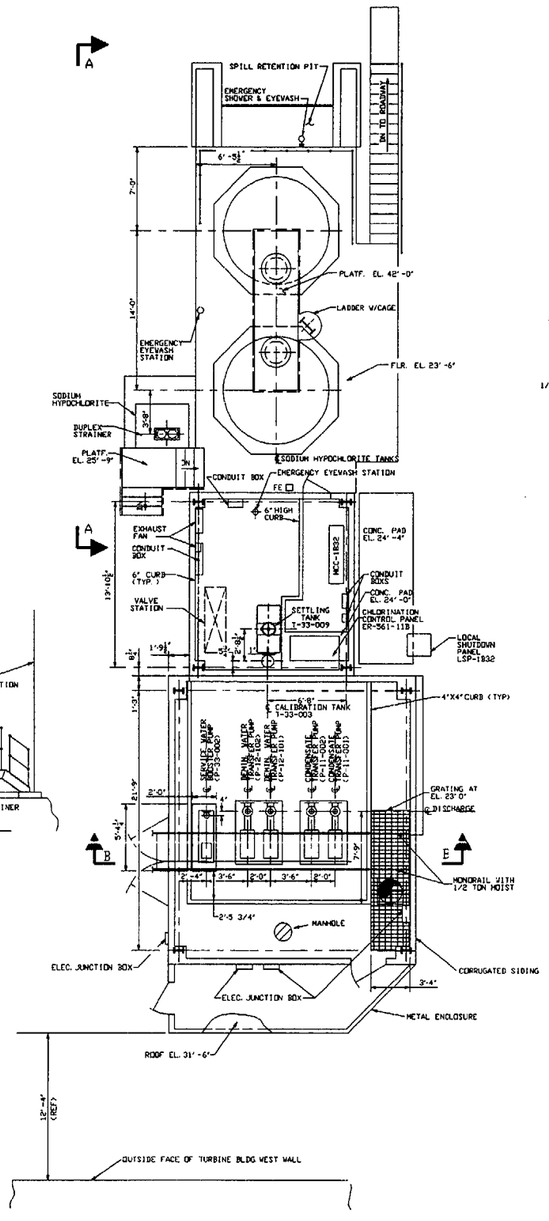
DWG NO. 3E-168-02-001 SH. N/A

PLANT NORTH



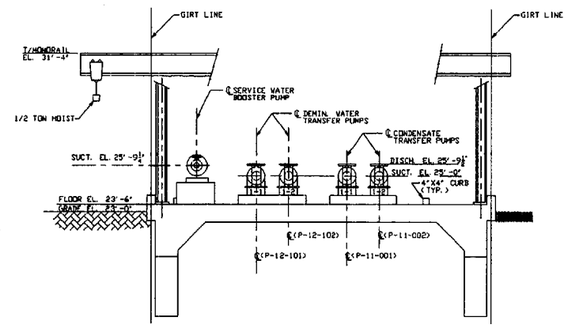
SECTION A-A

SCALE: 1/4"=1'-0"



PLAN ELEV. 23'-6"

SCALE: 1/4"=1'-0"



SECTION B-B

SCALE: 1/4"=1'-0"

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

FEET 0 2 4 8 16

GRAPHIC SCALE
USE FOR 1/4" SCALE ONLY

NO.	DWG. NO.	TITLE
1	BR 4038-4	CHLORINATION BUILDING PLAN, ELEVATION, SECTIONS & DETAILS

REFERENCES

REV	ZONE	DESCRIPTION
8	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

REVISIONS

KEY PLAN OYSTER CREEK

CAD FILE NAME OU 3E-169-02-001 S0 R8

REVISION 7 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE 03E169020001001-0701

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN NANCY CARLSON 4/28/99 DATE

CHECKED B. STANKIEWICZ 7/30/99 DATE

ENGINEER 8/2/99 DATE

ENGINEERING MANAGER DATE

DISTRIBUTION CONCURRENCE

GPU NUCLEAR

GENERAL ARRANGEMENT

CHLORINATION FACILITY

PLAN AT ELEVATION 23'-6" AND SECTIONS

OYSTER CREEK

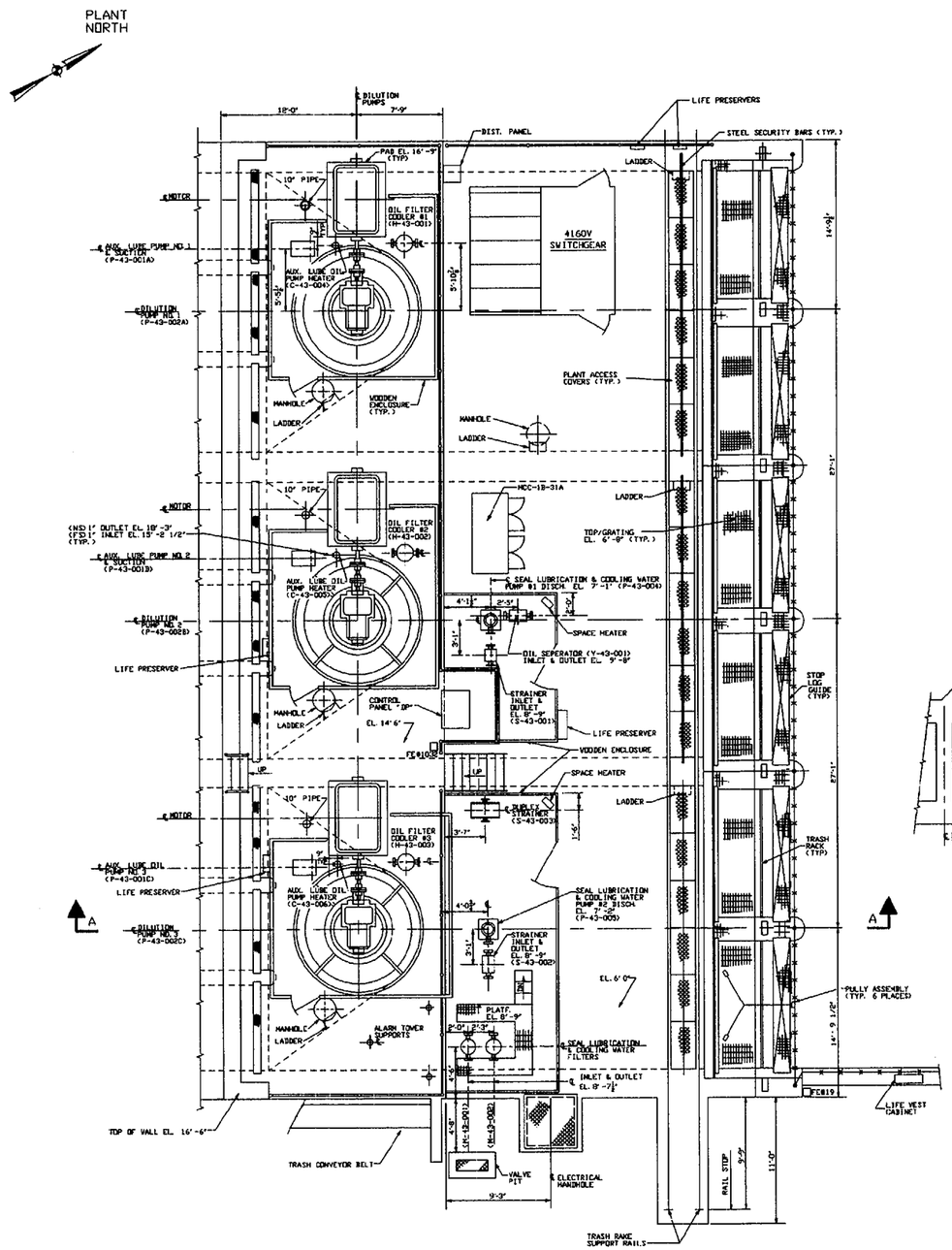
DWG. NO. 3E-169-02-001

SH. N/A

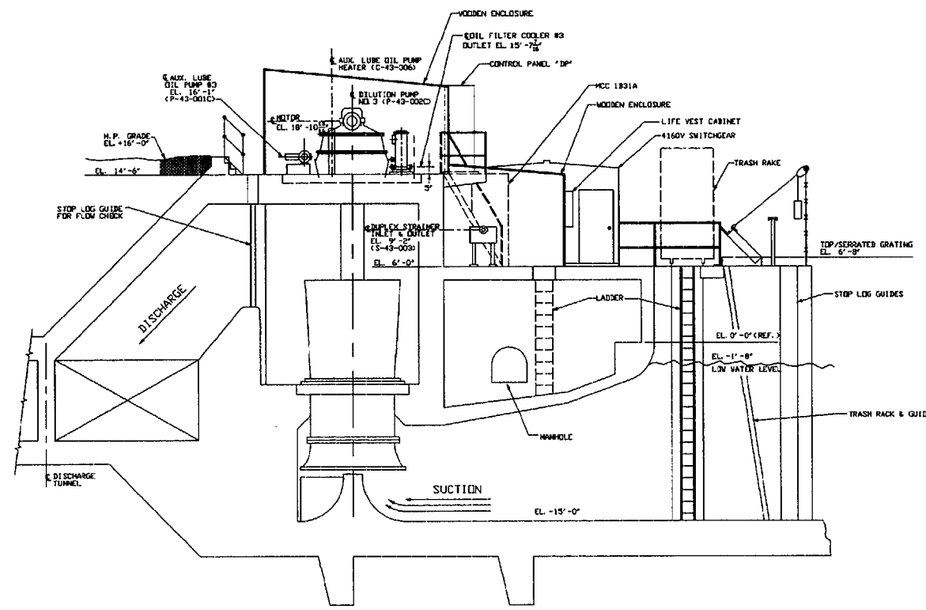
REV. 8

SCALE : AS NOTED

3E-169-02-001 SH. N/A



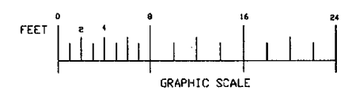
PLAN EL. 6'-0" & EL. 14'-6"

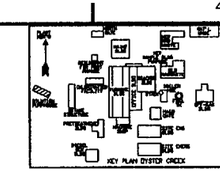


SECTION A-A

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).





REVISIONS		
REV	ZONE	DESCRIPTION
6	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

CAD FILE NAME: CU 3E-170-02-001 SO R6

REVISION 5 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E170020001001-050

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN: NANCY CARLSON 4/30/99

CHECKED: B.Stewkowski 7-15-99

DESIGN MANAGER: 7-17-99

CHECKED: DATE

ENGINEER: DATE

CHECKED: DATE

INTERFACING ORGANIZATION: DATE

GPU NUCLEAR

GENERAL ARRANGEMENT
DILUTION PUMP HOUSE

PLAN AT EL. 6'-0", EL.14'-6" AND SECTION "A-A"

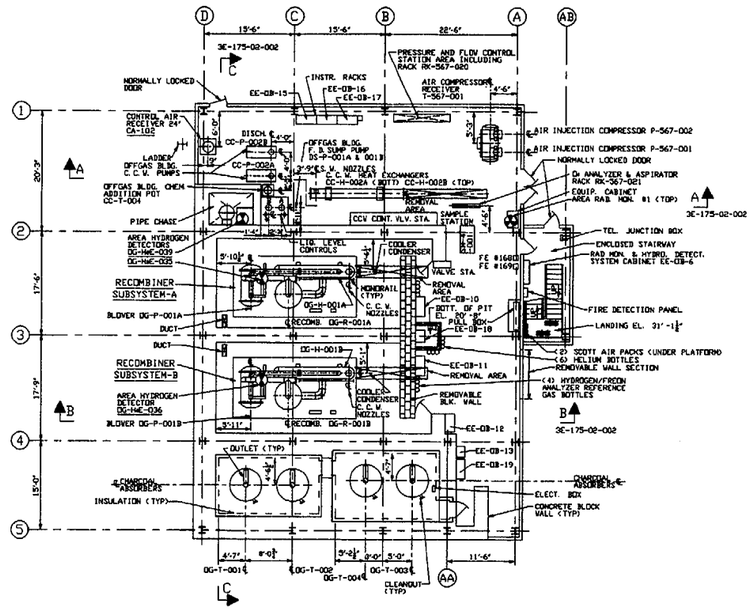
OYSTER CREEK | DWG. NO. 3E-170-02-001 | SH. N/A | REV. 6

SCALE : 1/4" = 1'-0"

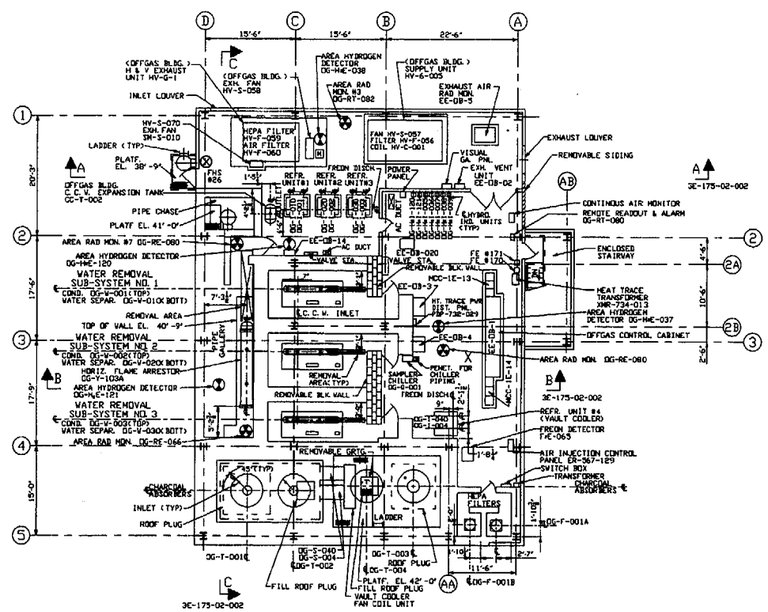
NO.	DWG. NO.	TITLE
REFERENCES		

DWG. NO. 3E-170-02-001 SH. N/A

PLANT NORTH



PLAN AT EL. 23'-6"



PLAN AT EL. 38'-9"

NOTES:

FEET 0 2 4 8 16 24

GRAPHIC SCALE

REVISIONS		
REV	ZONE	DESCRIPTION
5	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE

CAD FILE NAME: GU 3E-175-02-001 S0 R5

REVISION 5 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE GXE175020001001-0401

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

DRAWN NANCY CARLSON 4/30/99

GENERAL ARRANGEMENT
AUGMENTED OFF GAS BUILDING
PLANS AT EL. 23'-6" & EL.38'-9"

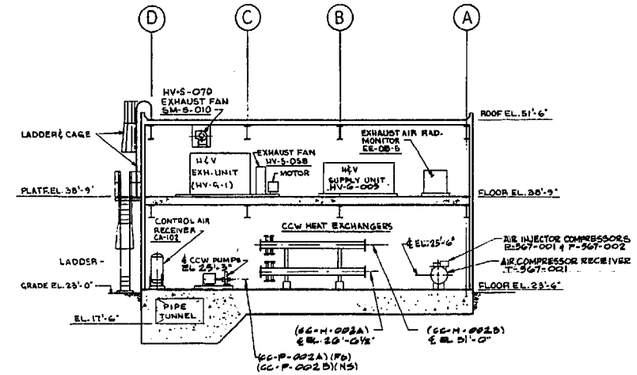
OYSTER CREEK | DWG. NO. 3E-175-02-001 | SH. N/A | REV. 5

SCALE : 1/8" = 1'-0"

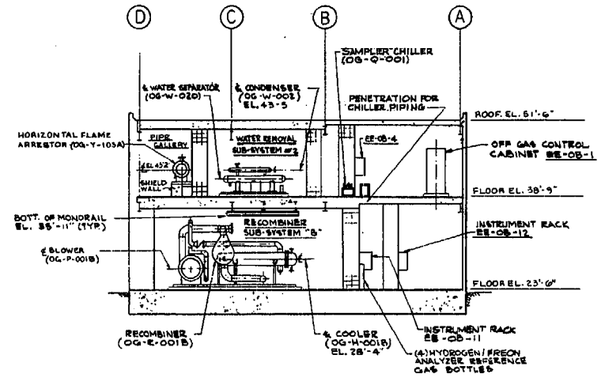
NO.	DWG. NO.	TITLE
1	3E-175-02-002	GENERAL ARRG'T AUGMENTED OFFGAS BUILDING SECTIONS A-A, B-B, & C-C

REFERENCES

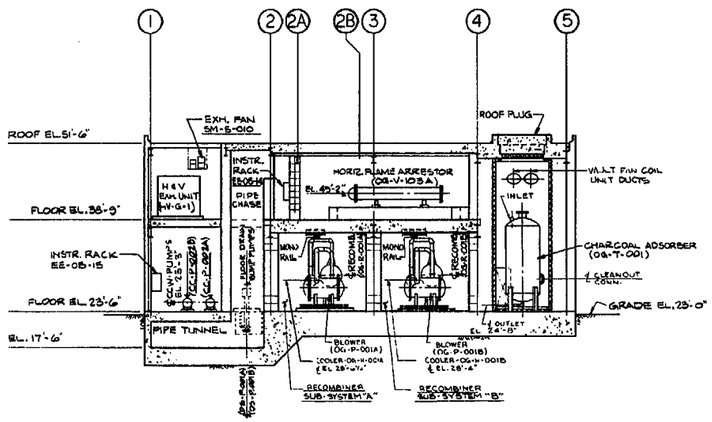
DWG. NO. 3E-175-02-001 SH. N/A



SECTION A-A



SECTION B-B



SECTION C-C

NOTES
1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

REVISIONS								
REV.	ZONE	DESCRIPTION						
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE	
1	AS NOTED	REVISED: PER DCN C031167 ADDED: GPUN EQUIPMENT TAG NUMBERS; NOTES (OE) ℄ EL. 23'-9" (67, 07)						
		DRAWN: R. CONE					9-26-85	
2	AS NOTED	PER FCN C058674 - REVISED: AR.M. EQUIPT. Nos. PER DCN C058409 - REVISED: SEC. B-B (G6, G4) DESIGNATED BLOCK WALL @ COL. C (CORRECTED SPELLING OF WORD FREON (F4) SEC. C-C (OE, D7) EL. 23'-6" @ COL. 6 THRU 4, DESIGNATED BLOCK WALL; DELETED: SEC. A-A (G6) DELETED DOUBLE DOORS ACT. TO COL. A @ EL. 38'-9"						
		DRAWN:						
3	AS NOTED	PER FCN C075005, ADDED: SAMPLER CHILLER & PIPE PENETR. (D4) I.D. NW. TO EXH. FAN; SUPPLY UNIT (G7) AIR COMPRESSOR & RECEIVER (G4)						
		STANDARDIZE: GARO PALO						

THIS DRAWING SUPERSEDES BR DRAWING NO. M626-10

AS BUILT

NO.	DWG. NO.	TITLE
1	3E-176-02-001	GENERAL ARRG'T AUGMENT OFF-GAS BUILDING PLAN AT ELEV. 23'-0" AND 38'-9"

REFERENCES

DRAWN	M. HOMOLKA	9/26/85 DATE
CHECKED	P. ALBANO	2-21-84 DATE
DESIGN LEADER		DATE
ENGINEER		7-11-84 DATE
MANAGER APPROVAL		7-11-84 DATE

GPU Nuclear

GENERAL ARRANGEMENT
AUGMENTED OFF GAS BUILDING
SECTIONS A-A, B-B & C-C

OYSTER CREEK

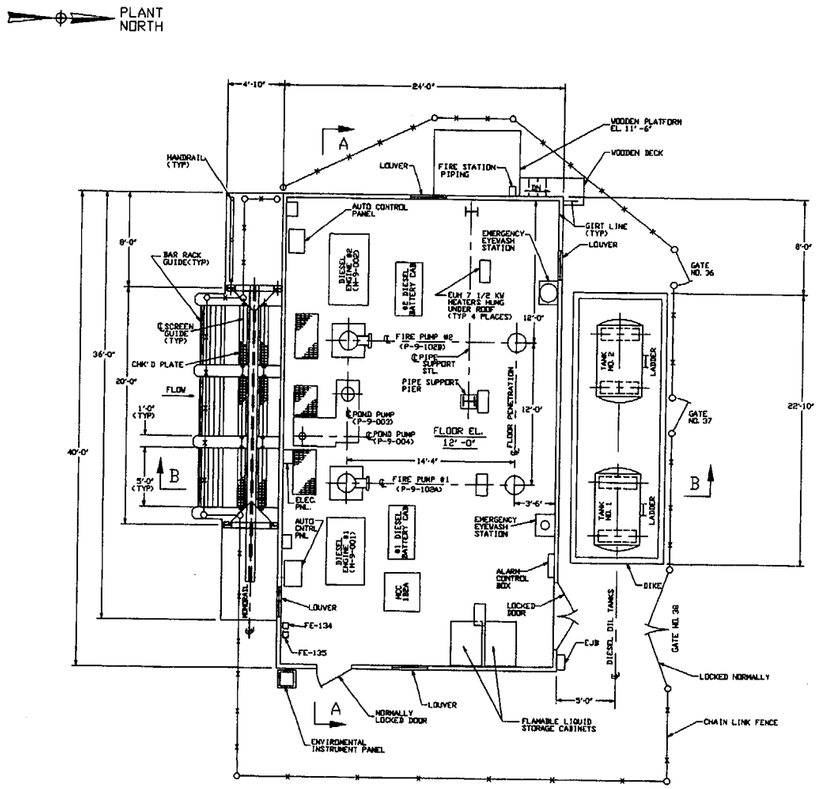
DWG. NO. 3E-175-02-002 REV. 3
SCALE: 1/8" = 1'-0"

ENG. MECH.

AUTHORIZATION NO. 321006

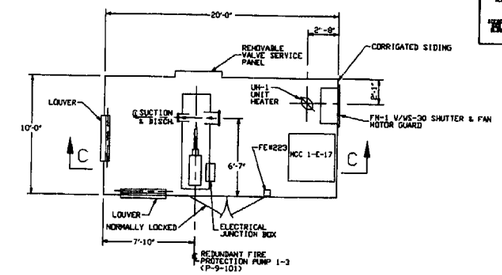
DWGS. NO. 3E-175-02-002

REVISIONS		
REV	ZONE	DESCRIPTION
6	ALL	ADMINISTRATIVE CHANGE/CORRECTIONS DUE TO TRANSLATED FILE



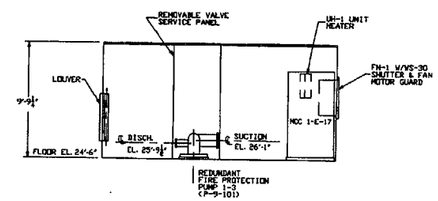
FRESH WATER PUMPHOUSE

PLAN EL. 12'-0"

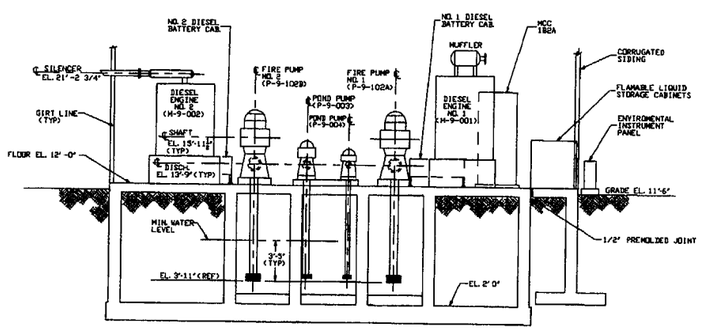


REDUNDANT FIRE PROTECTION PUMPHOUSE

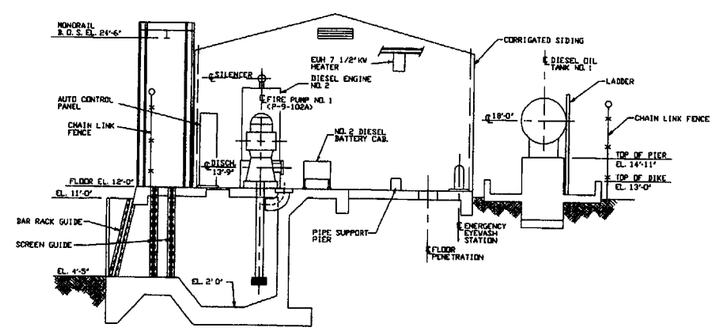
PLAN EL. 24'-6"



SECTION C-C



SECTION A-A



SECTION B-B

NOTES:

1. GPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS.

NO.	DWG. NO.	TITLE
3	SKW 13422-02-H-02	REDUNDANT FIRE PROTECTION SYSTEM WATER SUPPLY PIPING, FIRE PUMPHOUSE GENERAL ARRANGEMENT AND DETAILS
2	BR-4033	FRESH WATER PUMPHOUSE-ENTRANCE CHECKING PLANS, SECTIONS AND DETAILS
1	BR-4031	FRESH WATER PUMPHOUSE PLANS, SECTIONS AND DETAILS

REFERENCES

CAD FILE NAME: GU 3E-176-02-001 SO R6

REVISION 5 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CADAM FILE G3E176020001001-0501

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

GPU NUCLEAR

DRAWN: NANCY CARLSON 5/4/99

DESIGN: N/A

ENGINEER: 5/4/99

CHECKED: 5/4/99

DESIGN AGENCY CHECKED: DATE

GENERAL ARRANGEMENT

FRESH WATER PUMPHOUSE & REDUNDANT FIRE PROTECTION PUMPHOUSE

PLANS & SECTIONS

OYSTER CREEK

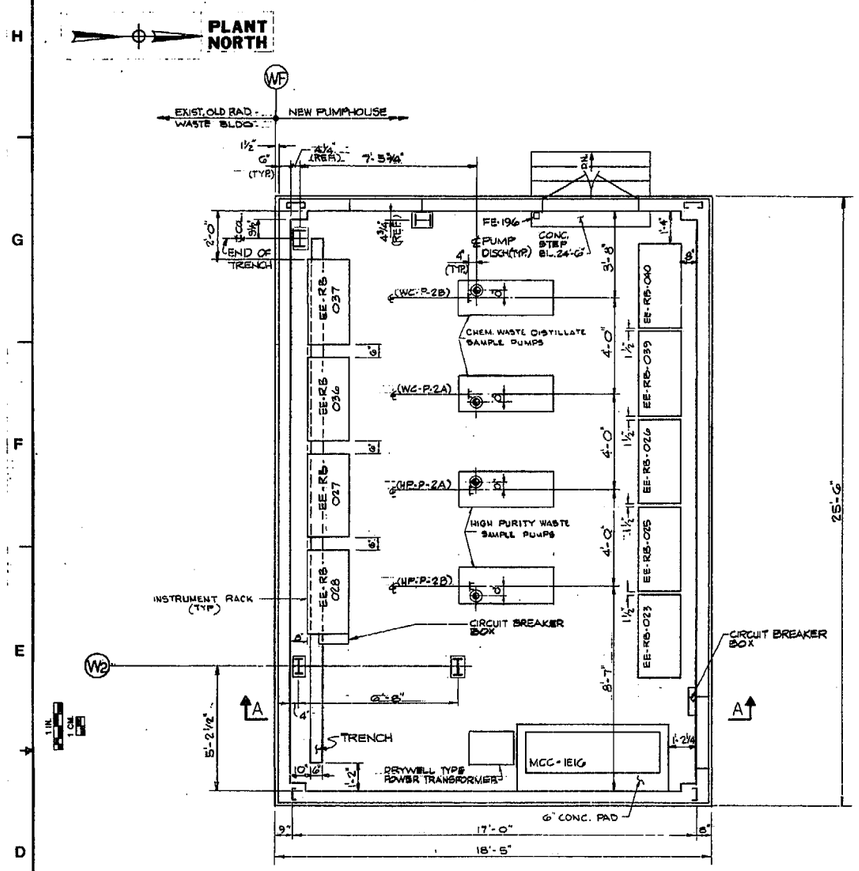
DWG. NO. 3E-176-02-001

SH. N/A

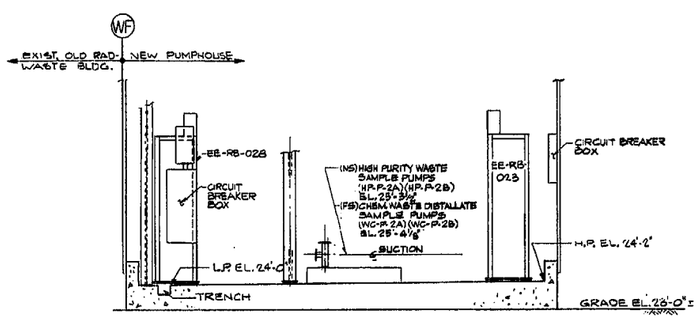
REV. 6

SCALE : 1/4" = 1'-0"

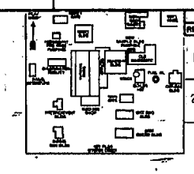
DWG. NO. 3E-176-02-001 SH. N/A



PLAN



SECTION A-A



REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED PER DCN C0511 (C7 PUMP PADS (NS, P7, AG, A7)) ADDED (SPUN TAG NOS) NOTES (2&3), TRANSFORMER (D7)					
		P. DENE	P. DENE				7-26-85
2	AS NOTED	PER DCN C0586&05: REVISED: PUMP NP. (E7, F7); ADDED: (1) CIRCUIT BREAKER BOX B (E6, E7, B7, B6)					
		HANDCOCK	STANKUNICZ				10/24/87

NOTES:
1. SPUN EQUIPMENT TAG NUMBERS ARE IN PARENTHESIS ( ).

NO.	DWG. NO.	TITLE
1	BR M659	NEW PUMPHOUSE AND EXISTING RADWASTE BLDG. TIE-IN PIPING

REFERENCES

AS BUILT

M. HOMOLKA 8/12/85 DRAWN DATE
P. DENE 2-10-86 CHECKED DATE
7/19/86 DESIGN LEADER DATE
7-16-86 ENGINEER DATE
7-16-87 MANAGER APPROVAL DATE

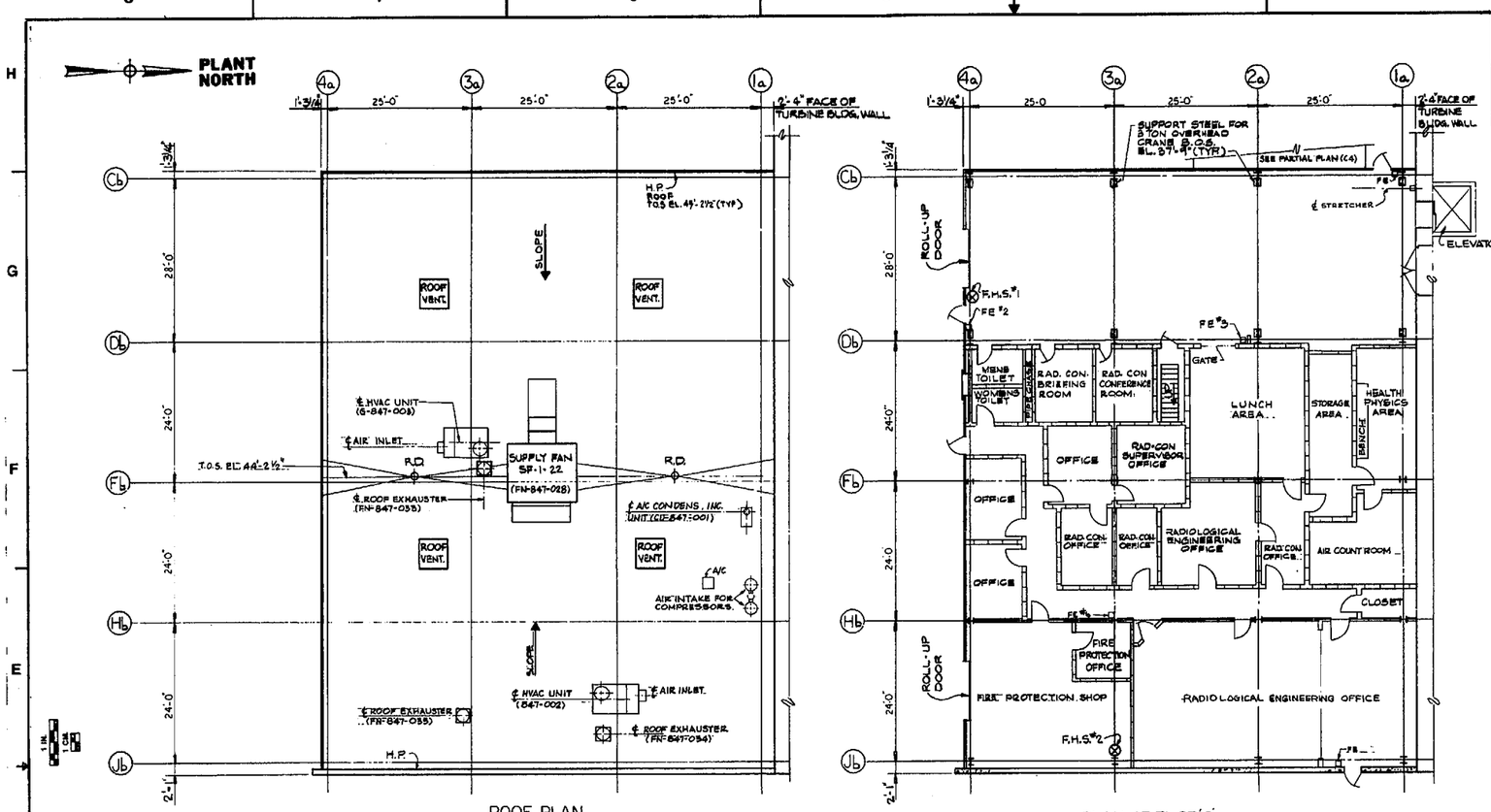
GPU Nuclear

GENERAL ARRANGEMENT
NEW SAMPLE PUMPHOUSE
PLAN & SECTION A-A

OYSTER CREEK | DWG. NO. 3E-185-02-001 | REV. 2 | SCALE: 1/2" = 1'-0"

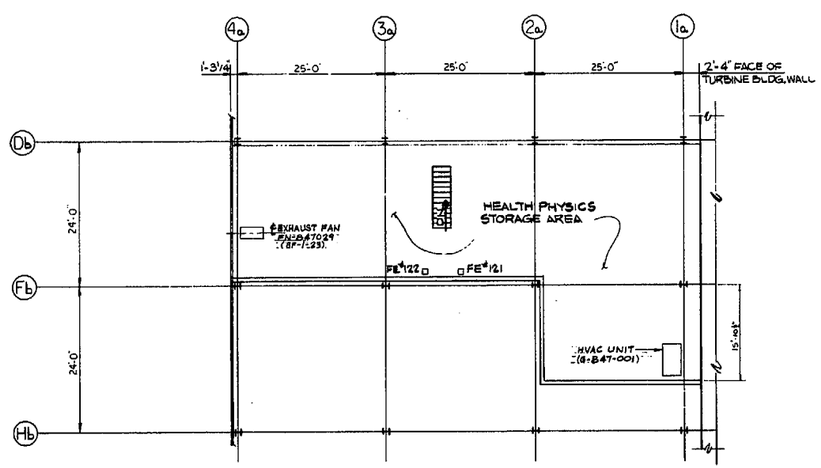
ENG. MECH. | AUTHORIZATION NO. 321006

DWG. NO. 3E-185-02-001

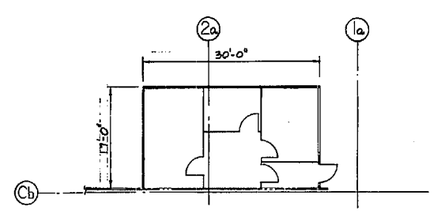


ROOF PLAN

PLAN AT EL. 23'-6"



PLAN AT EL. 34'-6"



PARTIAL PLAN AT EL. 23'-6"

REVISIONS							
REV.	ZONE	DESCRIPTION					
		DRAWN	CHECKED	DSGN. LDR.	ENGINEER	MANAGER	DATE
1	AS NOTED	REVISED PER FCN 68-31167, AND 68-1-85 (FD THRU FD 18-8) ADDED: OFFICE (C5). FE 26 (G-6)					
		DRAWN: F. DELNE					1-24-89
2	AS NOTED	PER FCN C049779, ADDED: EXHAUST FAN (CT), HVAC UNIT (B6)(B6)(F7), A.C. UNIT (F6)(B6), ROOF EXHAUST BF(B1)(F7)(B6) GENERAL REV. @ PLAN EL. 23'-6", PER FCN C058405/C095003 ADDED: AIR INTAKE FOR COMPRESSORS (B6), PARTIAL PLAN (C6), GENERAL REVISION @ PLAN EL. 23'-6", DELETED: A.C. UNIT (B6)					
		STANKIEWICZ	V.P. BRIKER				6-13-91
3	AS NOTED	REVISED: PER FCN C059307 (G3)					
		LIBANO	STANKIEWICZ				7-26-91

NO.	DWG. NO.	TITLE
2	BR 4509	ROOF PLANS DETAILS
1	BR 4929	MACHINE SHOP PLAN SECTIONS & DETAILS

REFERENCES

AS - BUILT

M. HOMOLKA 9/8/83 DRAWN DATE
P. DEANE 7-16-84 CHECKED DATE
DESIGN LEADER 7/16/84 DATE
7-16-84 ENGINEER DATE
7-16-84 MANAGER APPROVAL DATE

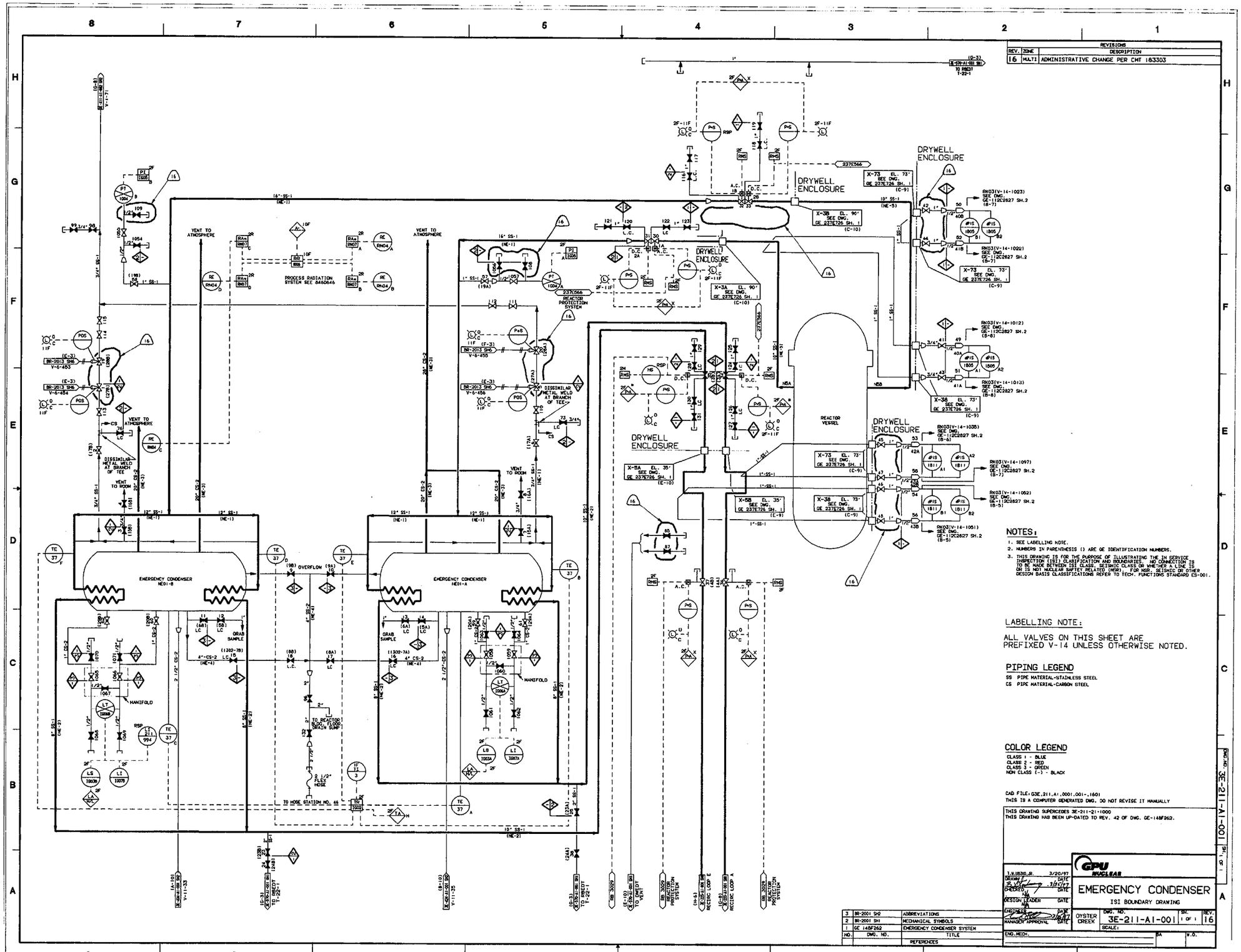
GPU Nuclear

GENERAL ARRANGEMENT
MACHINE SHOP
PLANS AT EL. 23'-6, 34'-6, & ROOF

OYSTER CREEK | DWG. NO. 3E-186-02-001 | REV. 3 | SCALE: 1/8" = 1'-0"

ENG. MECH. | AUTHORIZATION NO. 321006

DWG. NO. 3E-186-02-001



REVISIONS		
REV.	ZONE	DESCRIPTION
16	MULTI	ADMINISTRATIVE CHANGE PER CMT 183303

NOTES:

1. SEE LABELLING NOTE.
2. NUMBERS IN PARENTHESIS () ARE GE IDENTIFICATION NUMBERS.
3. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASIFICATION AND BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHETHER A LINE IS OR IS NOT NUCLEAR SAFTEY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. FUNCTIONS STANDARD ES-001.

LABELLING NOTE:

ALL VALVES ON THIS SHEET ARE PREFIXED V-14 UNLESS OTHERWISE NOTED.

PIPING LEGEND

SS PIPE MATERIAL-STAINLESS STEEL
CS PIPE MATERIAL-CARBON STEEL

COLOR LEGEND

CLASS 1 - BLUE
CLASS 2 - RED
CLASS 3 - GREEN
NON CLASS (-) - BLACK

CAD FILE: G3E,211,A1,0001,001-,1601
THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE IT MANUALLY

THIS DRAWING SUPERCEDES 3E-211-21-1000
THIS DRAWING HAS BEEN UP-DATED TO REV. 42 OF DWG. GE-148F262.

NO.	DWG. NO.	TITLE
3	BR-2001 SH2	ABBREVIATIONS
2	BR-2001 SH1	MECHANICAL SYMBOLS
1	GE 148F262	EMERGENCY CONDENSER SYSTEM

REFERENCES

GPU NUCLEAR

EMERGENCY CONDENSER

ISI BOUNDARY DRAWING

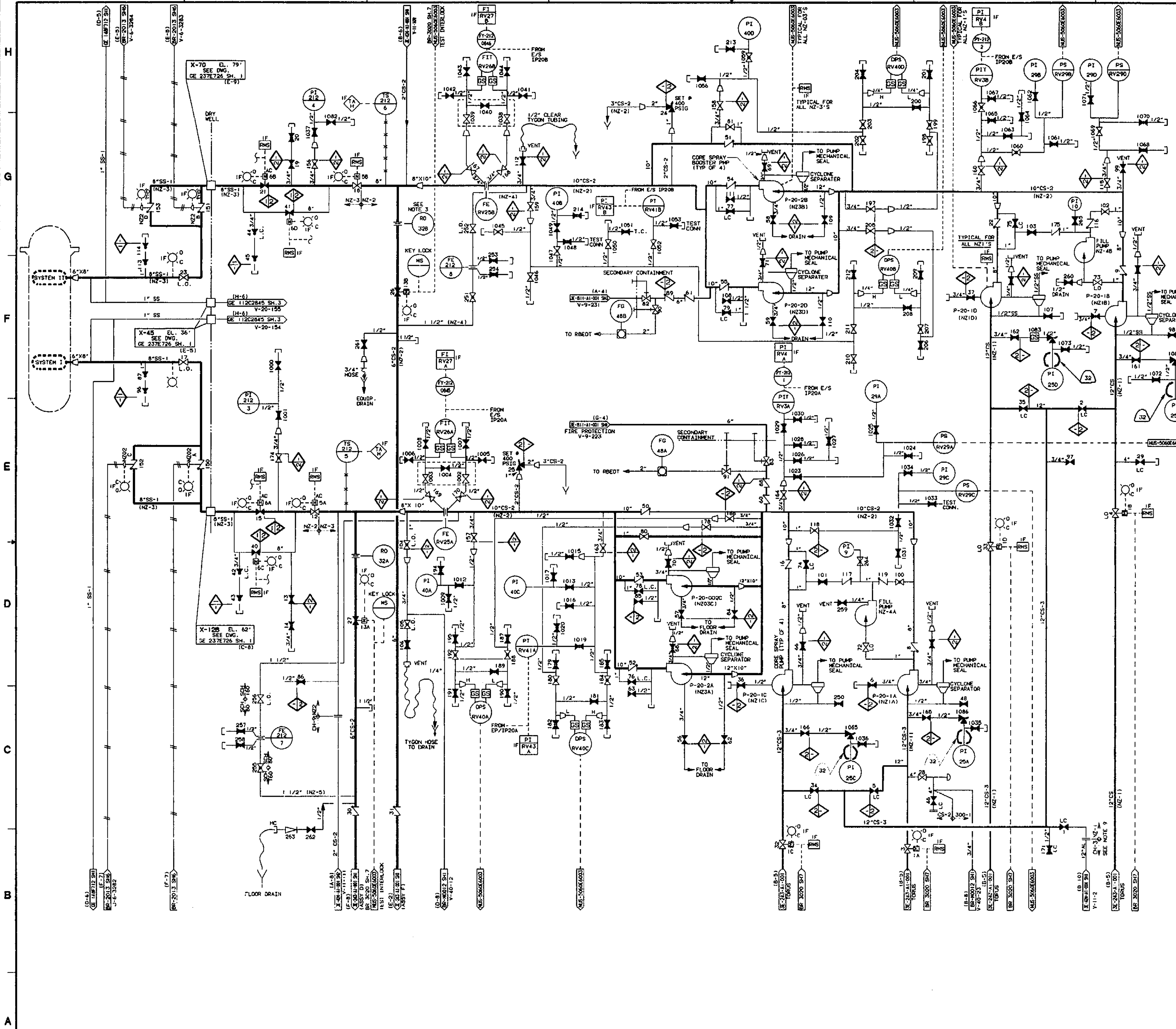
OYSTER CREEK

DWG. NO. 3E-211-A1-001 SH. 1 OF 1 REV. 16

SCALE: 1

DRAWN: T.W.USZOO,JR. 3/20/97
CHECKED: 3/25/97
DESIGN LEADER: N/A
ENGINEER: 3/26/97
MANAGER APPROVAL: DATE
ENG.MECH.
BA
W.O.

DWG. NO. 3E-211-A1-001 SH. 1 OF 1



REV.	ZONE	DESCRIPTION
32	F-2 C-3	ECDC211115

NOTES:

1. ALL VALVES ARE PREFIXED BY V-20 UNLESS OTHERWISE NOTED.
2. NUMBERS IN PARANTHESIS () ARE GE IDENTIFICATION NUMBERS.
3. RESTRICTION ORIFICE RO-32B WAS BORED TO THE ID OF THE 6" PIPE.
4. NZ-2 PIPING HYDRO PRESSURE IS BASED ON DESIGN PRESSURE OF 300 PSIG AND NOT RELIEF VALVE SETTINGS. RELIEF VALVE IS NOT A CODE REQUIRED RELIEF.
5. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASIFICATION AND BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHETHER A LINE IS OR IS NOT NUCLEAR SAFTEY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. FUNCTIONS STANDARD ES-001.
6. INTERNALS REMOVED ON VALVES V-10-20, V-20-11, V-20-38 & V-20-39.
7. NUMBERS IN PARENTHESIS ARE A.E. IDENTIFICATION NUMBERS.

PIPING LEGEND

SS PIPE MATERIAL-STAINLESS STEEL
CS PIPE MATERIAL-CARBON STEEL

COLOR LEGEND

CLASS 1 - BLUE
CLASS 2 - RED
CLASS 3 - GREEN
NON CLASS (-) - BLACK

CAD FILE: G3E,212,A1,0001,001-,320P
THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE IT MANUALLY

THIS DRAWING SUPERCEDES 3E-212-21-1000
THIS DRAWING HAS BEEN UPDATED TO REV. 62 OF DWG. GE885D781

NO.	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

REFERENCES

NANCY A. CARLSON 9-19-97
DRAWN DATE 1-11-11
CHECKED DATE
NA
DESIGN LEADER DATE
NA
ENGINEER DATE 9/25/97
MANAGER APPROVAL DATE

GPU NUCLEAR

CORE SPRAY SYSTEM

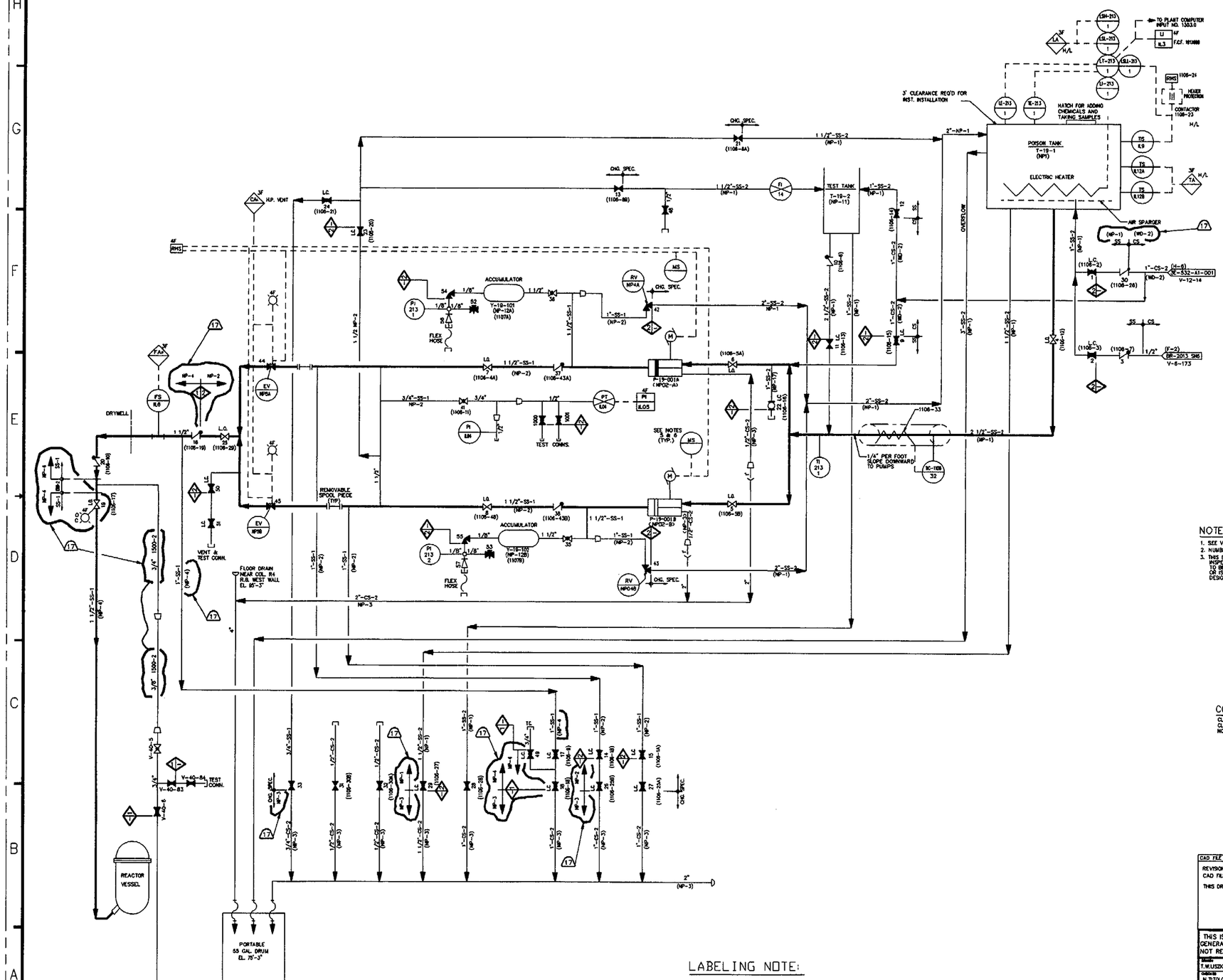
ISI BOUNDARY DRAWING

OYSTER CREEK | DWG. NO. 3E-212-A1-001 | SH. 1 OF 1 | REV. 32
SCALE: NONE

ENG.MECH. | BA | W.O.

DWG. NO. 3E-212-A1-001 SH. 1 OF 1

REVISIONS		
REV	ZONE	DESCRIPTION
17	NOTED	ECO C306872



NOTES:

1. SEE VALVE LABELING NOTE.
2. NUMBERS IN PARANTHESIS () ARE GE IDENTIFICATION NUMBERS.
3. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASSIFICATION AND BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHETHER A LINE IS OR IS NOT NUCLEAR SAFTEY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. FUNCTIONS STANDARD ES-001.

COLOR LEGEND

CLASS 1 - BLUE
CLASS 2 - RED
NON CLASS (-) - BLACK

LABELING NOTE:

ALL VALVES ON THIS SHEET ARE PREFIXED BY V-19 UNLESS OTHERWISE NOTED

NO.	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

REFERENCES

CAD FILE NAME: GU 3E-213-A1-001 S1 R17

REVISION 16 OF THIS DRAWING WAS TRANSLATED TO AUTOCAD FROM CAD FILE: G3E,213,A1,0001,001-,1601

THIS DRAWING HAS BEEN UPDATED TO REV. 32 OF DWG. GE 148F723.

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

		DATE
DRAWN	T.W.USZKO,JR.	11-21-98
CHECKED	N.TITOLO	12-1-98
ENGINEERING MANAGER		12/1/98

GPU NUCLEAR

LIQUID POISON SYSTEM

ISI BOUNDARY DRAWING

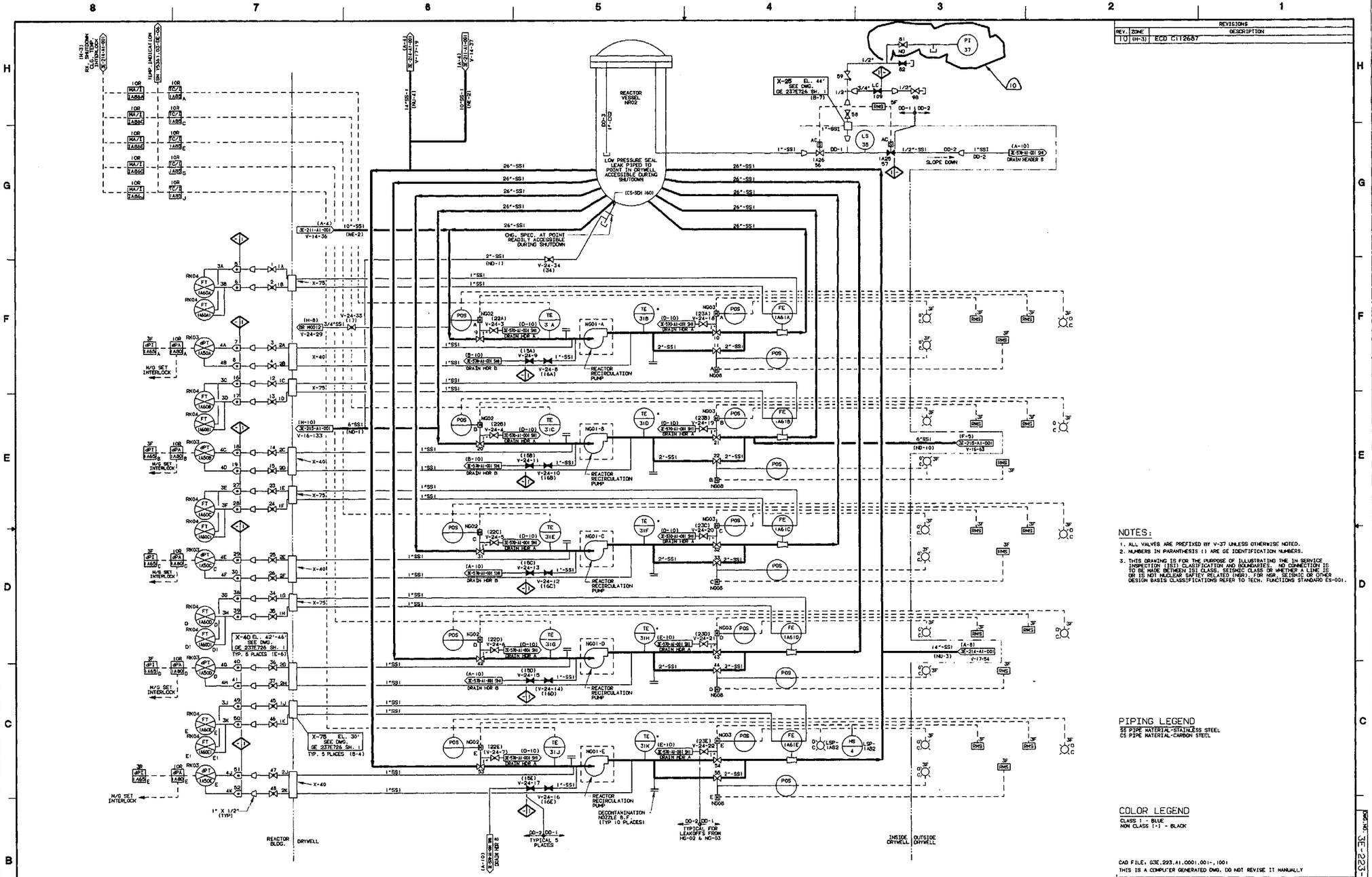
OYSTER CREEK

DWG. NO. GU 3E-213-A1-001 | SH. 1 OF 1 | REV. 17

SCALE : NONE

PIMS # N/A

DWG.NO. GU 3E-213-A1-001 SH. 1 OF 1



REVISIONS		
REV.	ZONE	DESCRIPTION
10	(H-3)	ECD C112687

NOTES:

1. ALL VALVES ARE PREFIXED BY V-37 UNLESS OTHERWISE NOTED.
2. NUMBERS IN PARANTHESIS ( ) ARE GE IDENTIFICATION NUMBERS.
3. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASSIFICATION AND BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHETHER A LINE IS OR IS NOT NUCLEAR SAFTEY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. FUNCTIONS STANDARD ES-001.

PIPING LEGEND

SS PIPE MATERIAL-STAINLESS STEEL
CS PIPE MATERIAL-CARBON STEEL

COLOR LEGEND

CLASS 1 - BLUE
NON CLASS 1 - BLACK

CAD FILE: G3E.223.A1.0001.001-,1001
THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE IT MANUALLY

THIS DRAWING HAS BEEN UP-DATED TO REV. 32 OF DWG. GE 237E798.

NO.	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

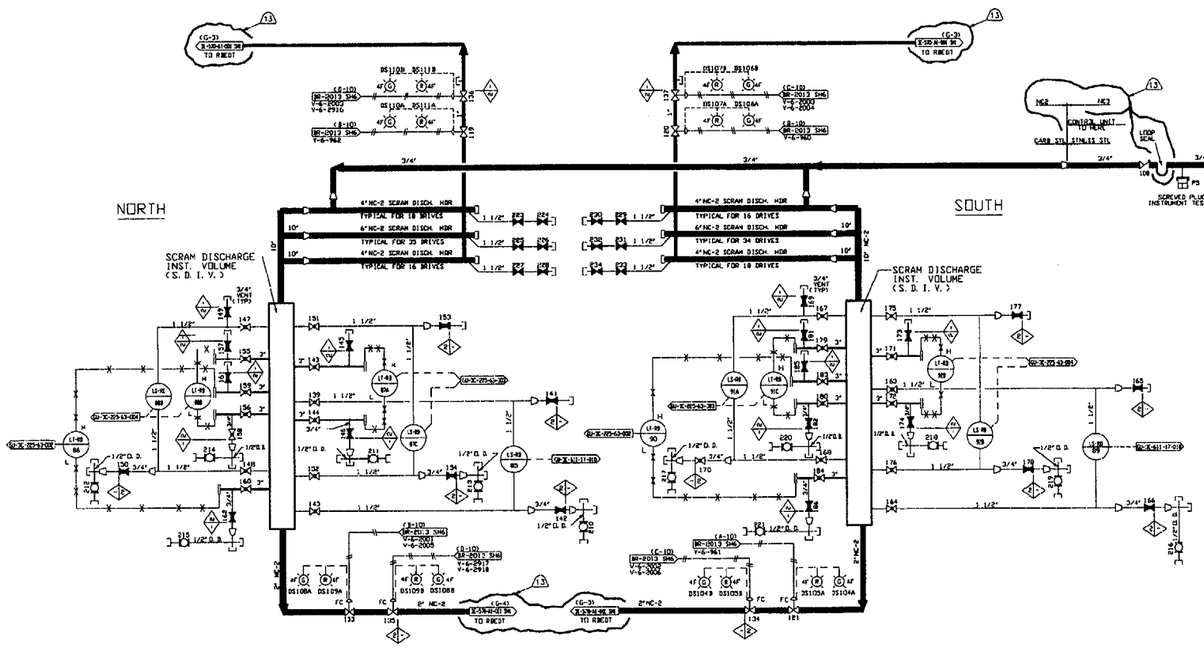
REFERENCES

DRAWN H. TITOLO	DATE 10/16/96	GPU Nuclear
CHECKED N/A	DATE	RECIRCULATION SYSTEM
DESIGN LEADER N/A	DATE	ISI BOUNDARY DRAWING
ENGINEER	DATE	OYSTER CREEK — DWG. NO. 3E-223-A1-001 — SH. 1 OF 1 — REV. 10
MANAGER APPROVAL N/A	DATE	SCALE: NONE
ENG. MECH.		BA — W.O.

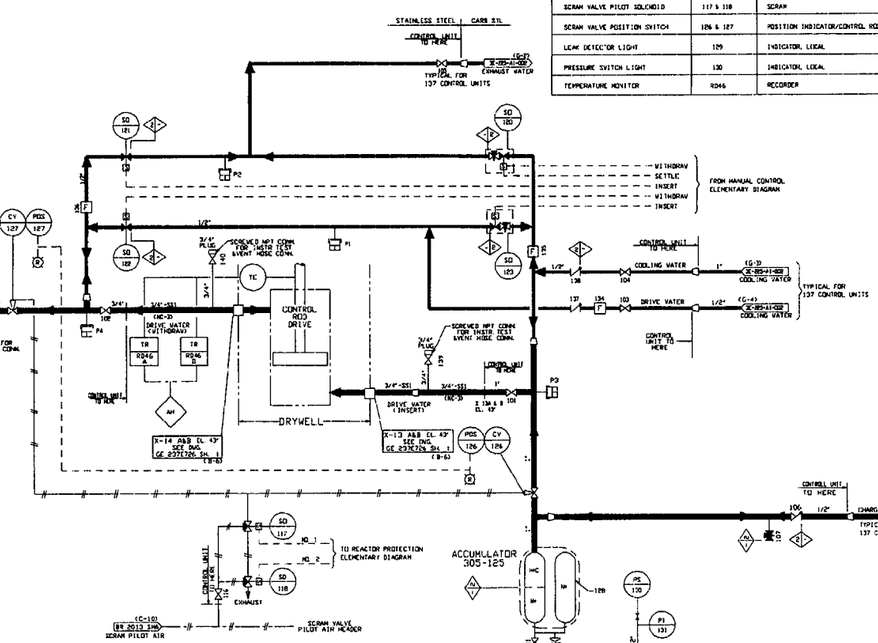
M. ROSS 10/07/96

DWG. NO. 3E-223-A1-001 SH. 1 OF 1

ELECTRICAL CONNECTIONS			
DESCRIPTION	IDENTITY	FUNCTION	SETTING
LEAK DETECTOR	129	ALARM, CONTROL ROOM	10 IN³ - CONTACTS OPEN ON RISING LIQUID LEVEL
PRESSURE SWITCH	130	ALARM, CONTROL ROOM	970/940 PSIG CONTACTS OPEN ON DECREASING PRESSURE
SOLENOID VALVES	120 & 122	DIRECTION CONTROL/WITHDRAW	———
SOLENOID VALVES	121 & 123	DIRECTION CONTROL/INSERT	———
SCRAM VALVE PILOT SOLENOID	117 & 118	SCRAM	———
SCRAM VALVE POSITION SWITCH	126 & 127	POSITION INDICATOR/CONTROL ROOM	CONTACTS CLOSE WHEN VALVE IS OPEN
LEAK DETECTOR LIGHT	129	INDICATOR, LOCAL	———
PRESSURE SWITCH LIGHT	130	INDICATOR, LOCAL	———
TEMPERATURE MONITOR	RD46	RECORDER	———



SCRAM DISCHARGE VOLJME SYSTEM



CONTROL ROD DRIVE HYDRAULIC SYSTEM
TYPICAL-137 CONTROL ROD DRIVES &
137 CONTROL UNIT / ACCUMULATORS

ACCUMULATOR NITROGEN CHARGING SYSTEM

LABELLING NOTES:

1. ALL VALVES AND INSTRUMENTS ON CONTROL ROD DRIVE HYDRALIC SYSTEM ARE PREFIXED BY '305' UNLESS OTHERWISE NOTED.
2. ALL VALVES AND INSTRUMENTS ON SCRAM DISCHARGE VOLUME SYSTEM ARE PREFIXED BY '15' UNLESS OTHERWISE NOTED.

NOTES:

1. DURING CLASS 2 HYDRO, 108 VALVE SHALL BE OPEN TO PRESSURE S.D.V.
2. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASSIFICATION BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHETHER A LINE IS OR IS NOT NUCLEAR SAFETY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. FUNCTIONS STANDARD ES-001.

COLOR LEGEND

CLASS 2 - RED
NON CLASS (-) - BLACK

REV.	ZONE	DESCRIPTION
13	N/A	ECO C211802

REVISIONS

NO.	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

REFERENCES

CAD FILE NAME: GU 3E-225-A1-(001 SH. 013
REVISION 12 OF THIS DWG. WAS TRANSLATED TO AUTOCAD FROM CADAM FILE: G3E.225.A1.0001.001-.120P

THIS IS A COMPUTER GENERATED DRAWING DO NOT REVISE IT MANUALLY

DRAWN:		DATE
I. S. UZZEL JR.		2-17-78
CHECKED:		DATE
R. A. BARNACASTLE		2-19-78
DESIGN ENGINEER:		DATE
		2-16-78
		DATE
	N/A	
TECHNICAL ENGINEER:		DATE
	N/A	

GPU NUCLEAR

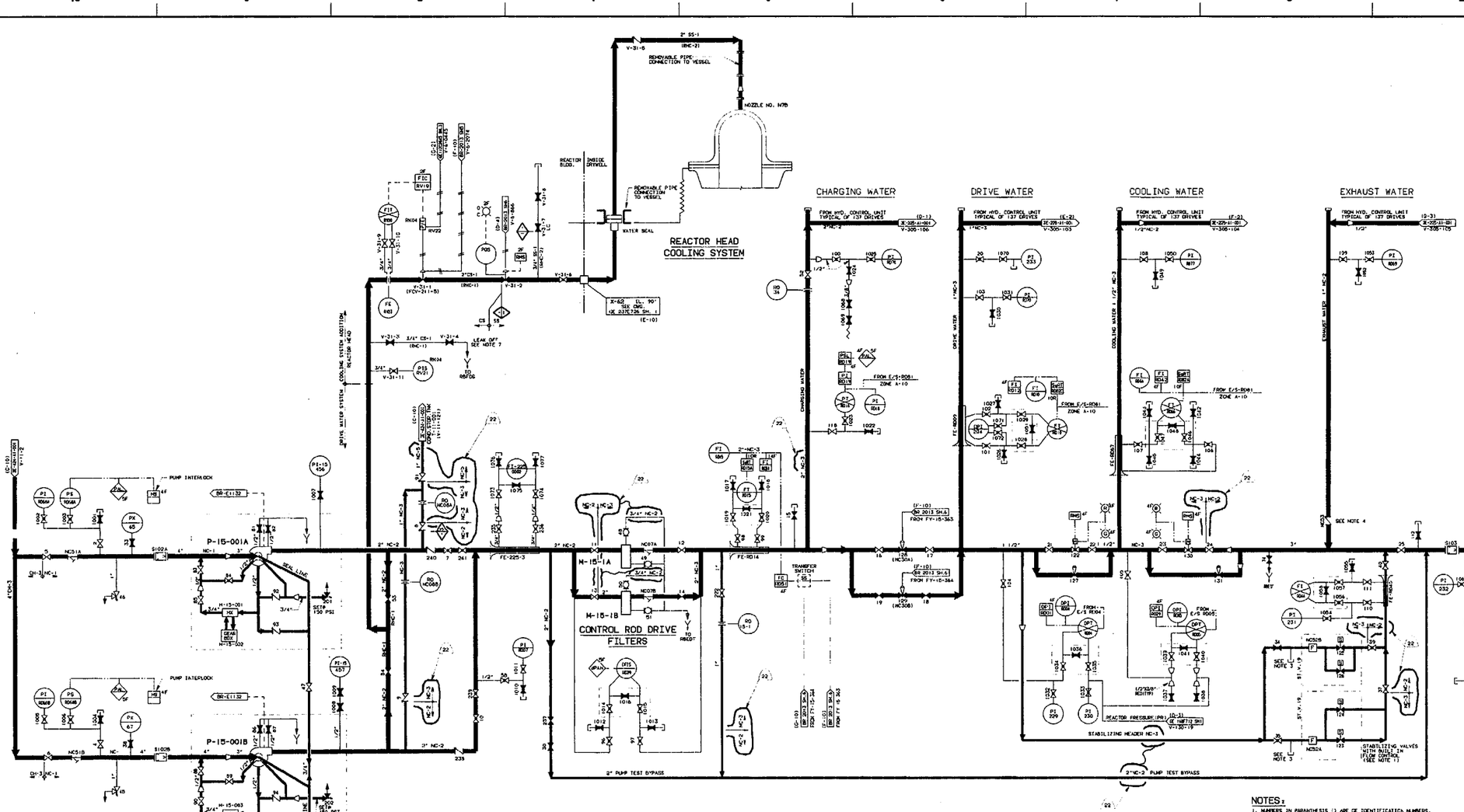
SCRAM DISCHARGE VOLUME SYS
CONTROL ROD DRIVE HYDRAULIC SYS
AND NITROGEN CHARGING SYS
ISI BOUNDARY DRAWING

OYSTER CREEK

DWG. NO. 3E-225-A1-001 | SH. 13 | REV. 13
SCALE: NONE
PIMS #

3E-225-A1-001 SH 13

REVISIONS		
REV.	ZONE	DESCRIPTION
22	M4,T1	ECO C2-11802



DEVICE SETTINGS

RV/NC-47	CONTACTS OPEN ON PRESSURE SETTING, AT 1250-1310 PSIG
RV/301-142	, AT 950 ±30 PSIG
RV/301-74 A & B	, AT 250 +0/-25 PSIG
PS/RD04	FALLING PRESSURE, AT 70 TO 75 PSIG.
PIS/RD19	, AT 1390 TO 1410 PSIG.
PIS RD66	, AT 9 TO 11" Hg VACUUM
dPIS/RD39	RISING DIFF. PRESS. AT 18 TO 22 PSid
TR/RD46	RISING DIFF. PRESS. AT 245 TO 250°F

LEGEND

N.S. MOTOR STARTER
S.S. SELECTOR SWITCH
P. VALVE POSITIONER

PIPING LEGEND

SS-1 PIPE MATERIAL-STAINLESS STEEL
CS-PIPE MATERIAL-CARBON STEEL

COLOR LEGEND

CLASS 1- BLUE
CLASS 3- GREEN
NON CLASS (-) - BLACK

NOTES:

1. NUMBERS IN PARANTHESIS () ARE SE IDENTIFICATION NUMBERS.
2. HEAD COOLING SPRAY NOZZLE DWG. GE 112C2527.
3. THIS DRAWING IS FOR THE PURPOSE OF ILLUSTRATING THE IN SERVICE INSPECTION (ISI) CLASSIFICATION AND BOUNDARIES. NO CONNECTION IS TO BE MADE BETWEEN ISI CLASS, SEISMIC CLASS OR WHERE A LINE IS OR IS NOT NUCLEAR SAFETY RELATED (NSR). FOR NSR, SEISMIC OR OTHER DESIGN BASIS CLASSIFICATIONS REFER TO TECH. PLANTSONS STANDARD ES-001.
4. VALVE DISC IS ORIFICED.

LABELING NOTE:

ALL VALVES ARE PREFIXED V-15 UNLESS OTHERWISE NOTED

CAD FILE: GJE.225.A1.0002.001-.220P
THIS IS A COMPUTER GENERATED DWG. DO NOT REVISE IT MANUALLY

THIS DRAWING HAS BEEN UPDATED TO REV.59 OF DWG. GE 237E487 SH 1.

NO	DWG. NO.	TITLE
3	BR-2001 SH3	MECHANICAL DRAWING INDEX
2	BR-2001 SH2	ABBREVIATIONS
1	BR-2001 SH1	MECHANICAL SYMBOLS

REFERENCES

T.V.U320.JR. 2-17-98
DRAWN: D. ABBRUSCATO DATE 2-19-98
CHECKED: DATE
DESIGN LEADER: DATE
ENGINEER: DATE
MANAGER APPROVAL: DATE

GPU NUCLEAR

CONTROL ROD DRIVE & REACTOR HEAD COOLING ISI BOUNDARY DRAWING

DWG. NO. GU 3E-225-A1-002 SH. 1 OF 1 REV. 22
SCALE: NONE
ENG.HCC-1. BY: W.O.

GU-3E-225-A1-002 SH. 1 REV. 22