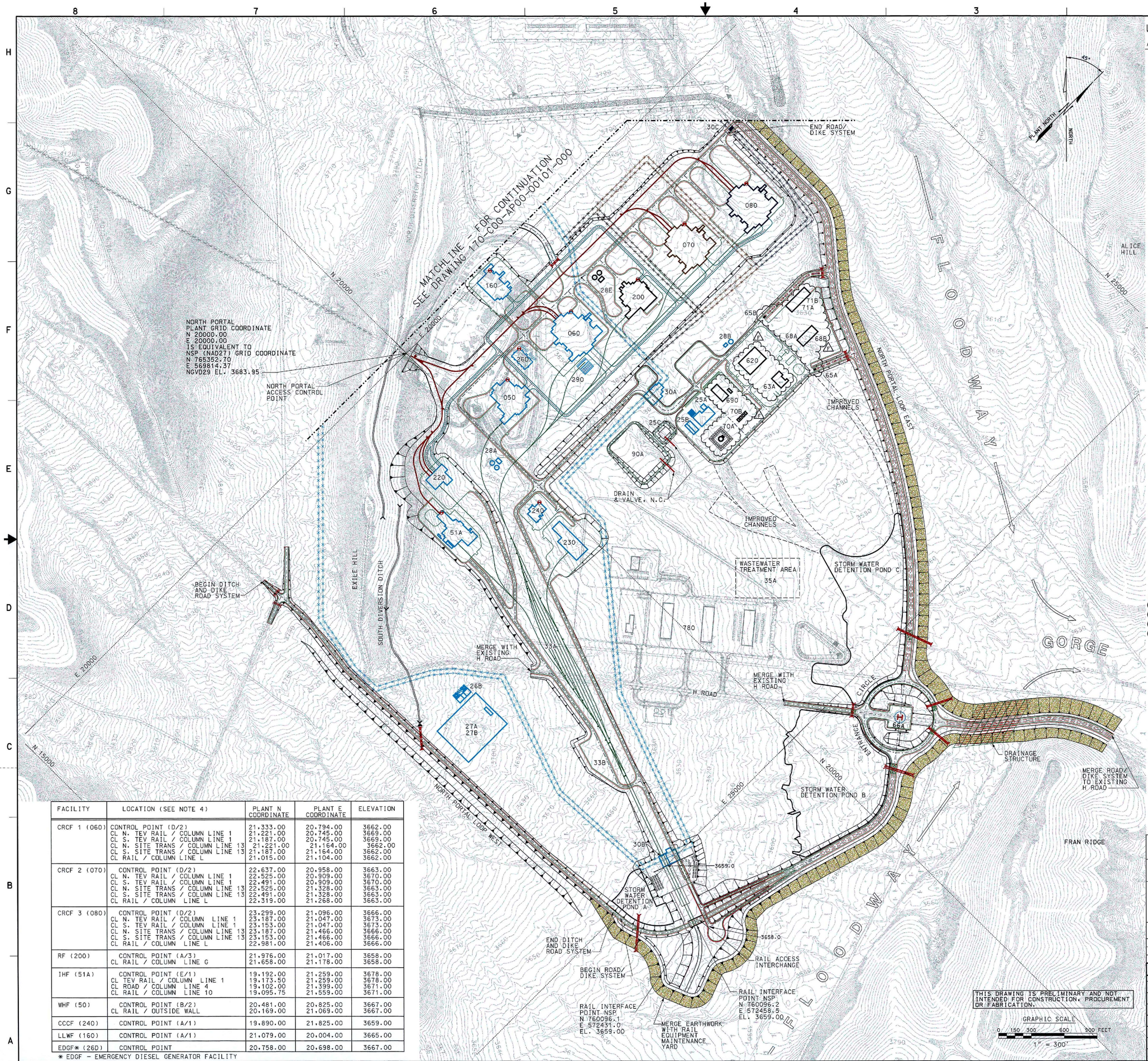

LEGEND

AREA No.	DESCRIPTION
050	WET HANDLING FACILITY (WHF)
060	CANISTER RECEIPT AND CLOSURE FACILITY 1 (CRCF 1)
070	CANISTER RECEIPT AND CLOSURE FACILITY 2 (CRCF 2)
080	CANISTER RECEIPT AND CLOSURE FACILITY 3 (CRCF 3)
160	LOW-LEVEL WASTE FACILITY (LLWF)
200	RECEIPT FACILITY (RF)
220	HEAVY EQUIPMENT MAINTENANCE FACILITY (HEMF)
230	WAREHOUSE AND NON-NUCLEAR RECEIPT FACILITY (WNNRF)
240	CENTRAL CONTROL CENTER FACILITY (CCCF)
25A	UTILITIES FACILITY (UF)
25B	COOLING TOWER
25C	EVAPORATION POND
26B	STANDBY DIESEL GENERATOR FACILITY
26D	EMERGENCY DIESEL GENERATOR FACILITY
27A	SWITCHYARD (138kV)
27B	13.8kV SWITCHGEAR FACILITY
28A	FIRE WATER FACILITY
28B	FIRE WATER FACILITY
28E	FIRE WATER FACILITY
290	AGING OVERPACK STAGING FACILITY
30A	CENTRAL SECURITY STATION
30B	CASK RECEIPT SECURITY STATION
30C	NORTH PERIMETER SECURITY STATION
33A	RAIL CAR BUFFER AREA
33B	TRUCK BUFFER AREA
35A	SEPTIC TANK AND LEACH FIELD
51A	INITIAL HANDLING FACILITY (IHF)
620	ADMINISTRATION FACILITY
63A	FIRE, RESCUE, AND MEDICAL FACILITY
65A	ADMINISTRATION SECURITY STATION
65B	ADMINISTRATION SECURITY STATION
66A	HELICOPTER PAD
68A	WAREHOUSE/CENTRAL RECEIVING
68B	MATERIALS/YARD STORAGE
690	VEHICLE MAINTENANCE AND MOTOR POOL
70A	DIESEL FUEL OIL STORAGE
70B	FUELING STATIONS
71A	CRAFT SHOPS
71B	EQUIPMENT/YARD STORAGE
780	LOWER MUCK YARD (LMY) (GENERAL) (POTENTIAL LOCATION)
90A	STORM WATER RETENTION POND

SECURITY FENCE:

- FIRST OPERATIONAL PHASE
- SECOND OPERATIONAL PHASE
- THIRD OPERATIONAL PHASE
- FOURTH OPERATIONAL PHASE

- SPILLWAY
- RIPRAP
- SITE TRANSPORTER/HORIZONTAL TRANSFER TRAILER PATH
- ROAD
- CONTOURS (2 FT INTERVAL)
- CULVERT
- TRANSPORT & EMPLACEMENT VEHICLE RAIL
- STANDARD GAGE RAIL
- CONTROL POINT
- TOP OF SLOPE / TOE OF SLOPE

NOTES:

1. THIS DRAWING INCLUDES FACILITIES WITHIN THE GEOLOGIC REPOSITORY OPERATIONS AREA (GROA) AND ADJACENT SUPPORT FACILITIES.
2. FACILITIES AND BUILDINGS SHOWN ARE TO REPRESENT LOCATIONS ONLY. SEE STRUCTURAL DRAWINGS FOR CONFIGURATION AND DIMENSIONS.
3. ROAD ALIGNMENT AND CUT AND FILL SLOPES SHOWN ARE CONCEPTUAL AND ARE SUBJECT TO CHANGE AS THE FACILITY DESIGN DEVELOPS.
4. LOWER MUCK YARD SHOWN FOR REFERENCE ONLY
5. LOCATIONS AND ELEVATIONS OF NUCLEAR FACILITIES (51A,050,060,200,070 & 080) ARE FIRMLY ESTABLISHED. ALL OTHER FACILITIES ARE APPROXIMATE AND SUBJECT TO CHANGE BASED ON DESIGN DEVELOPMENT.
6. FACILITY LOCATION INFORMATION IS CONTROLLED BY THIS DRAWING. IF CONFLICTING FACILITY LOCATION INFORMATION IS PROVIDED IN ANY OTHER DOCUMENT, THIS DRAWING GOVERNS.

REFERENCE DRAWINGS:

FOR OVERALL SITE LAYOUT SEE:
000-C00-MGR0-00201-000 GEOLOGIC REPOSITORY OPERATIONS AREA OVERALL SITE PLAN

FOR AGING PAD SITE LAYOUT SEE:
170-C00-AP00-00101-000 GEOLOGIC REPOSITORY OPERATIONS AREA AGING PAD SITE PLAN

FACILITY	LOCATION (SEE NOTE 4)	PLANT N COORDINATE	PLANT E COORDINATE	ELEVATION
CRCF 1 (060)	CONTROL POINT (D/2)	21,333.00	20.794.00	3662.00
	CL N. TEV RAIL / COLUMN LINE 1	21,221.00	20.745.00	3669.00
	CL S. TEV RAIL / COLUMN LINE 1	21.187.00	20.745.00	3669.00
	CL N. SITE TRANS / COLUMN LINE 13	21.221.00	21.164.00	3662.00
	CL S. SITE TRANS / COLUMN LINE 13	21.187.00	21.164.00	3662.00
	CL RAIL / COLUMN LINE L	21.015.00	21.104.00	3662.00
CRCF 2 (070)	CONTROL POINT (D/2)	22.637.00	20.958.00	3663.00
	CL N. TEV RAIL / COLUMN LINE 1	22.525.00	20.909.00	3670.00
	CL S. TEV RAIL / COLUMN LINE 1	22.491.00	20.909.00	3670.00
	CL N. SITE TRANS / COLUMN LINE 13	22.525.00	21.328.00	3663.00
	CL S. SITE TRANS / COLUMN LINE 13	22.491.00	21.328.00	3663.00
	CL RAIL / COLUMN LINE L	22.319.00	21.268.00	3663.00
CRCF 3 (080)	CONTROL POINT (D/2)	23.299.00	21.096.00	3666.00
	CL N. TEV RAIL / COLUMN LINE 1	23.187.00	21.047.00	3673.00
	CL S. TEV RAIL / COLUMN LINE 1	23.153.00	21.047.00	3673.00
	CL N. SITE TRANS / COLUMN LINE 13	23.187.00	21.466.00	3666.00
	CL S. SITE TRANS / COLUMN LINE 13	23.153.00	21.466.00	3666.00
	CL RAIL / COLUMN LINE L	22.981.00	21.406.00	3666.00
RF (200)	CONTROL POINT (A/3)	21.976.00	21.017.00	3658.00
	CL RAIL / COLUMN LINE G	21.658.00	21.178.00	3658.00
IHF (51A)	CONTROL POINT (E/1)	19.192.00	21.259.00	3678.00
	CL TEV RAIL / COLUMN LINE 1	19.173.50	21.259.00	3678.00
	CL ROAD / COLUMN LINE 4	19.102.00	21.399.00	3671.00
	CL RAIL / COLUMN LINE 10	19.095.75	21.559.00	3671.00
WHF (50)	CONTROL POINT (B/2)	20.481.00	20.825.00	3667.00
	CL RAIL / OUTSIDE WALL	20.169.00	21.069.00	3667.00
CCCF (240)	CONTROL POINT (A/1)	19.890.00	21.825.00	3659.00
LLWF (160)	CONTROL POINT (A/1)	21.079.00	20.004.00	3665.00
EDGF* (26D)	CONTROL POINT	20.758.00	20.698.00	3667.00

* EDGF - EMERGENCY DIESEL GENERATOR FACILITY

REV	DESCRIPTION	DATE	DRD	CHK	ESS	PE	DEM	N/A	GE
F	ISSUED FOR LA ADJUSTED OPERATIONAL PHASING OF SUPPORT FACILITIES ADJACENT TO THE GROA.	01.25.08	PLH	JLT	JAC	JNQ	N/A	N/A	N/A
E	ISSUED FOR LA ADJUSTED FENCES AND ROADWAY. ADDED NORTH PORTAL ACCESS CONTROL POINT	11-15-07	PLH	JLT	JAC	JNQ	N/A	N/A	N/A
D	ISSUED FOR LA REVISED LEGEND. REMOVED NOTES. REMOVED HOLDS. REVISED TABLE FOR FACILITY LOCATION. CHANGED MATCHLINE. REVISED SEVERAL FACILITY OUTLINES. ADDED AREA DESIGNATORS	09-21-07	PLH	JLT	JPD	JNQ	N/A	N/A	N/A
C	GROA, LEGEND, NOTES UPDATE & TABLE ADDITION	07-24-07	SAB	JLT	JPD	JNQ	N/A	N/A	N/A
B	GROA UPDATE, LEGEND & NOTES UPDATE	06-12-07	SAB	JLT	JPD	JNQ	N/A	N/A	N/A
A	ISSUED FOR USE	01-10-07	PLH	JLT	RAK	JNQ	N/A	N/A	N/A

REVISION HISTORY

APPROVALS	INITIAL/DATE
DESIGNER P.L. HUY	PLH / 01-10-07
CHECKER J.L. TRAYNOR	JLT / 01-10-07
ENGINEERING GROUP SUPERVISOR R.A. KOTAS	RAK / 01-10-07
PROJECT ENGINEER J.N. QUE	JNQ / 01-10-07
DISCIPLINE ENGINEERING MANAGER N/A	N/A
N/A	N/A
QC CONCURRENCE N/A	N/A

U.S. DEPARTMENT OF ENERGY
Office of Civilian Radioactive Waste Management
BECHTEL SAIC COMPANY, LLC Management and Operation of the Office of Civilian Radioactive Waste Management Program

GEOLOGIC REPOSITORY
OPERATIONS AREA
NORTH PORTAL SITE PLAN

SAFETY CLASSIFICATION	DOCUMENT IDENTIFIER	REV
NON-ITS & NON-ITWI	100-C00-MGR0-00501-000	00F

SIZE	SCALE	CAD FILENAME
E	1"= 300'	100C00MGR000501.DGN

CAGE CODE: N/A

ANSI E- 34"x44" RECORD DESIGNATOR QA: N/A