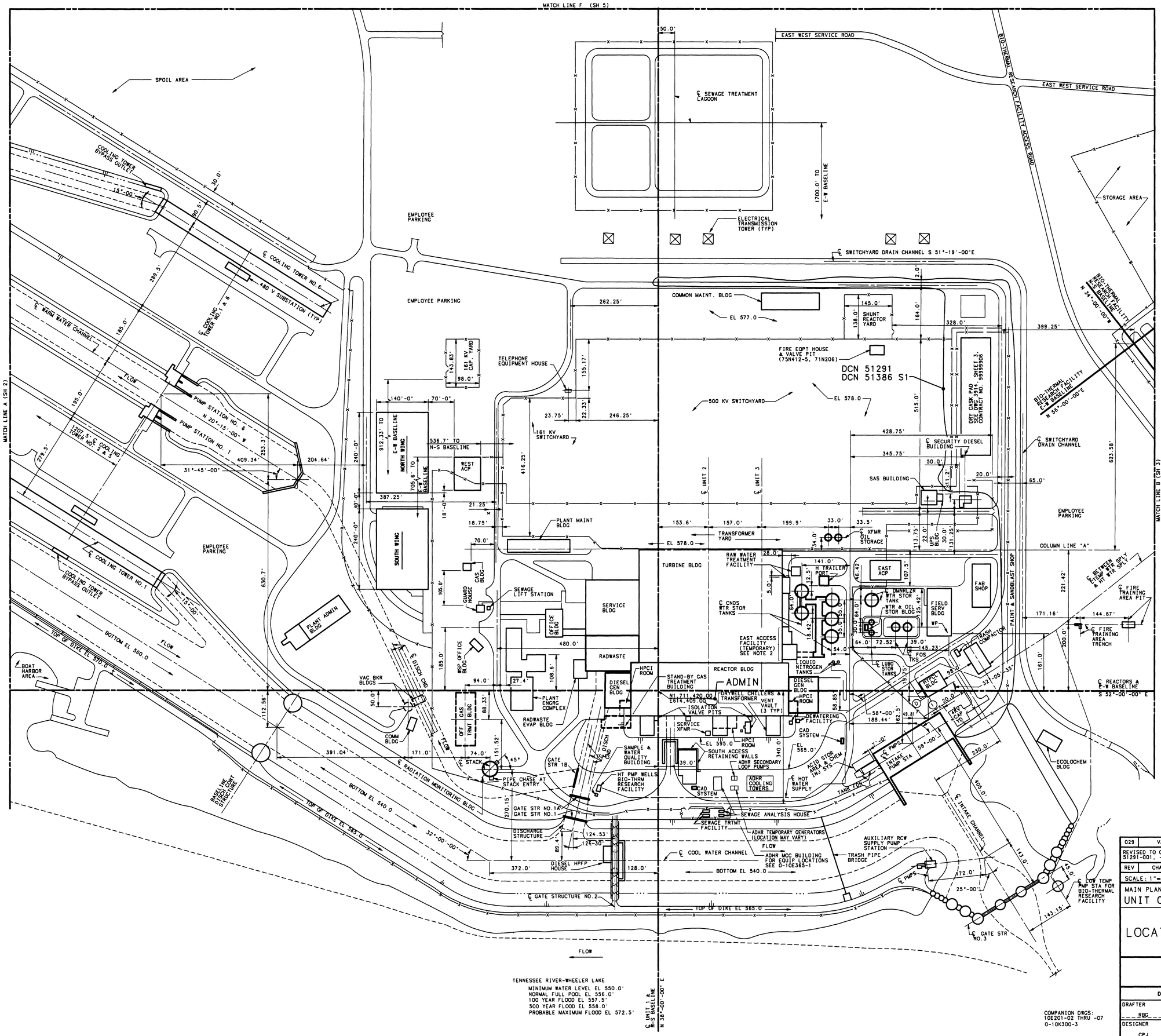


NOTES:

1. FOR BIO-THERMAL RESEARCH FACILITY DRAWINGS SEE PROJECT 83 SERIES.
2. THIS FACILITY IS TEMPORARY AND IS PLANNED TO BE REMOVED PRIOR TO COMPLETION OF THE UNIT 1 RESTART OUTAGE.
3. FOR LOCATION OF INDEPENDENT SPENT FUEL STORAGE INSTALLATION (ISFSI) CASK STORAGE PAD AND CASK FABRICATION PAD SEE DRAWING 3914, SHEET 3, CONTRACT NUMBER 99999906.

DCN 51291

TENNESSEE RIVER-WHEELER LAKE
MINIMUM WATER LEVEL EL 550.0'
NORMAL FULL POOL EL 556.0'
100 YEAR FLOOD EL 557.5'
500 YEAR FLOOD EL 558.0'
PROBABLE MAXIMUM FLOOD EL 572.5'

COMPANION DWGS:
10E201-02 THRU -07
0-10K300-3

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
029	VARIOUS	DM CARTER	CT CROSBY	DP Walker	7/25/2005

REVISED TO CORRECT TRANSLATION ERROR (ADMINISTRATIVE REVISION); PER DCA 51291-001, -002-000, DCN 51291 AND DCA 51386-018-000, DCN 51386 S1

SCALE: 1"=100' EXCEPT AS NOTED

MAIN PLANT
UNIT 0

LOCATION OF STRUCTURES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER RBC	CHECKER CPJ		1 N/A
DESIGNER CPJ	REVIEWER R. JOE HUNT		2 R.O. BARNETT
DATE 10-17-80	67 C	0-10E201-01	3 N/A

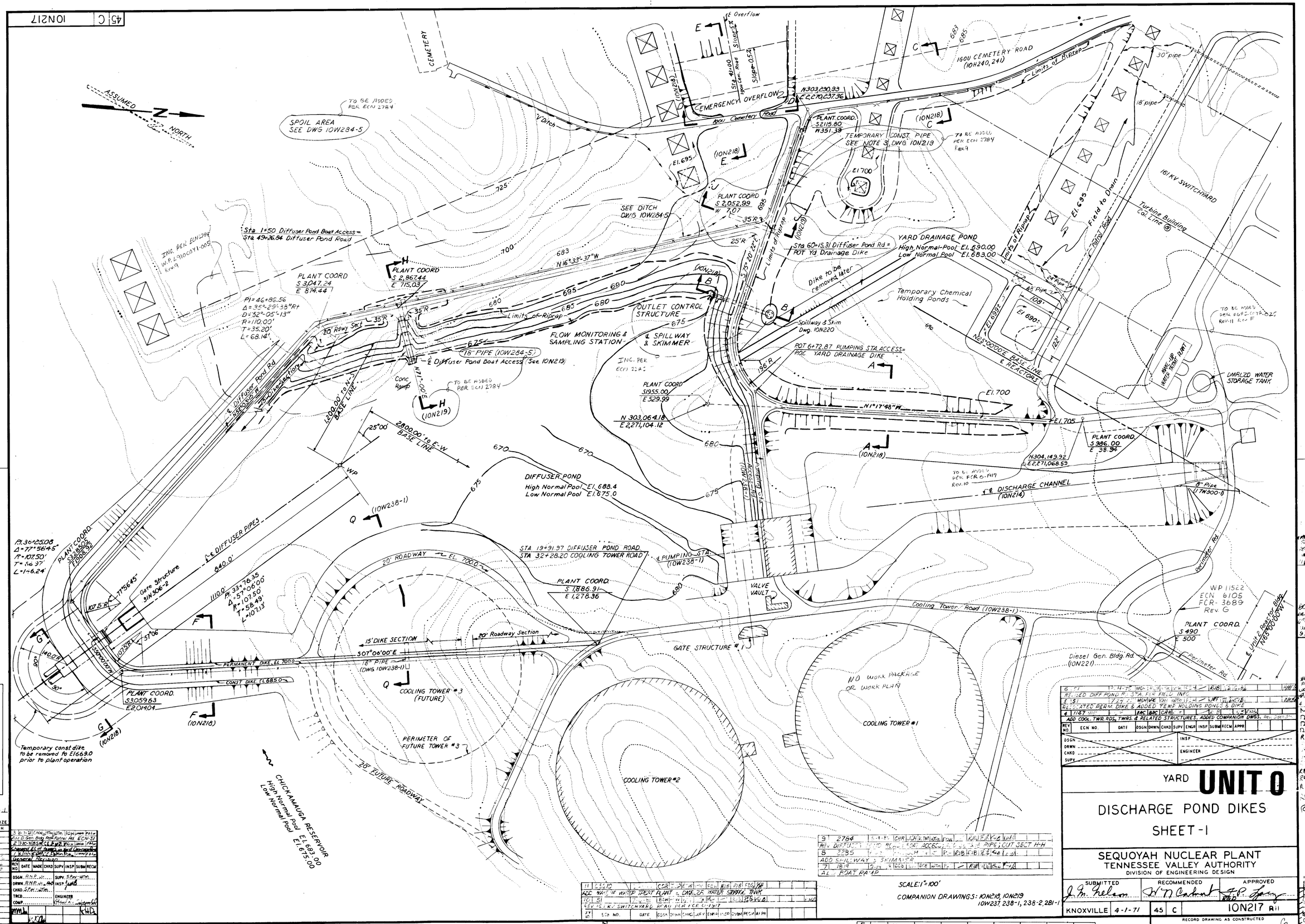
R029

ISSUED BY: D.B. BOWEN

CAD MAINTAINED DRAWING

CCD

ALL A/D HISTORY RESEARCHED AT R009



PHOTOGRAPHICALLY RESTORED
ORIGINAL DESTROYED
DATE / INITIAL
3-20-75 MSO
RESTORED APPROVED

REV NO.	ECN NO.	DATE	DSGN	DWN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPR
9	2784	5-8-86	CHR	JCH	TM	WTH	FDW				
REV. DIFFUSER POND RD. & SPOIL ACCESS, ADD PIPE, CUT SECT H-H											
8	2285										
ADD SPILLWAY & SKIMMER											
7	1848	12-14-78	DCG		DCG	WTH					
AL ROAT RA 1D											
11	2510			CDR		DEW		FDW	RJB	RJB	FDS
ADD WWC-UP WATER TREAT PLANT & UNALZD WATER STORAGE TANK											
10	51	7-26-82	BCM		RJ						
REV. TO K-1 SWITCHYARD PER FCR 0-1917											

REV NO.	ECN NO.	DATE	DSGN	DWN	CHKD	DEV	ENGR	INSP	SUBM	RECM	APPR

REV	UNIT	ECN	WP	SUBM	RECM	APPR	DATE	DIST	DATE
0	1	6105	11522			TR	1-29-86		
Revised to depict as-constructed configuration for FCR 3689 - EN DES Revision 11									

REV	UNIT	ECN	WP	SUBM	RECM	APPR	DATE	DIST	DATE
F	0	5670							
Revised to depict as-constructed configuration for FCR 0-1917 - EN DES Revision R11									

REV NO.	ECN NO.	DATE	DSGN	DWN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPR
6	51	12-14-78	MG-H						RJB		
REVISED DIFF POND RD. STA FOR FIELD INFO.											
5	51	1-23-78	MGH	VE	CH	WTH					
RELOCATED PERM. DIKE & ADDED TEMP HOLDING PONDS & DIKE											
4	1147				RC	RC	CHR				
ADD COOL. TWR. RDS, TWRS. & RELATED STRUCTURES, ADDED COMPANION DWGS.											

DSGN
DRWN
CHKD
SUPV
INSP
ENGINEER

YARD **UNIT 0**

DISCHARGE POND DIKES

SHEET - 1

SEQUOYAH NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED: J. M. Nelson
RECOMMENDED: W. T. Cabbat
APPROVED: J. P. Gray

KNOXVILLE 4-1-71 | 45 | C | 10N217 R11

RECORD DRAWING AS CONSTRUCTED

G

THIS DWG IS UNDER AS CONSTRUCTED CONTROL

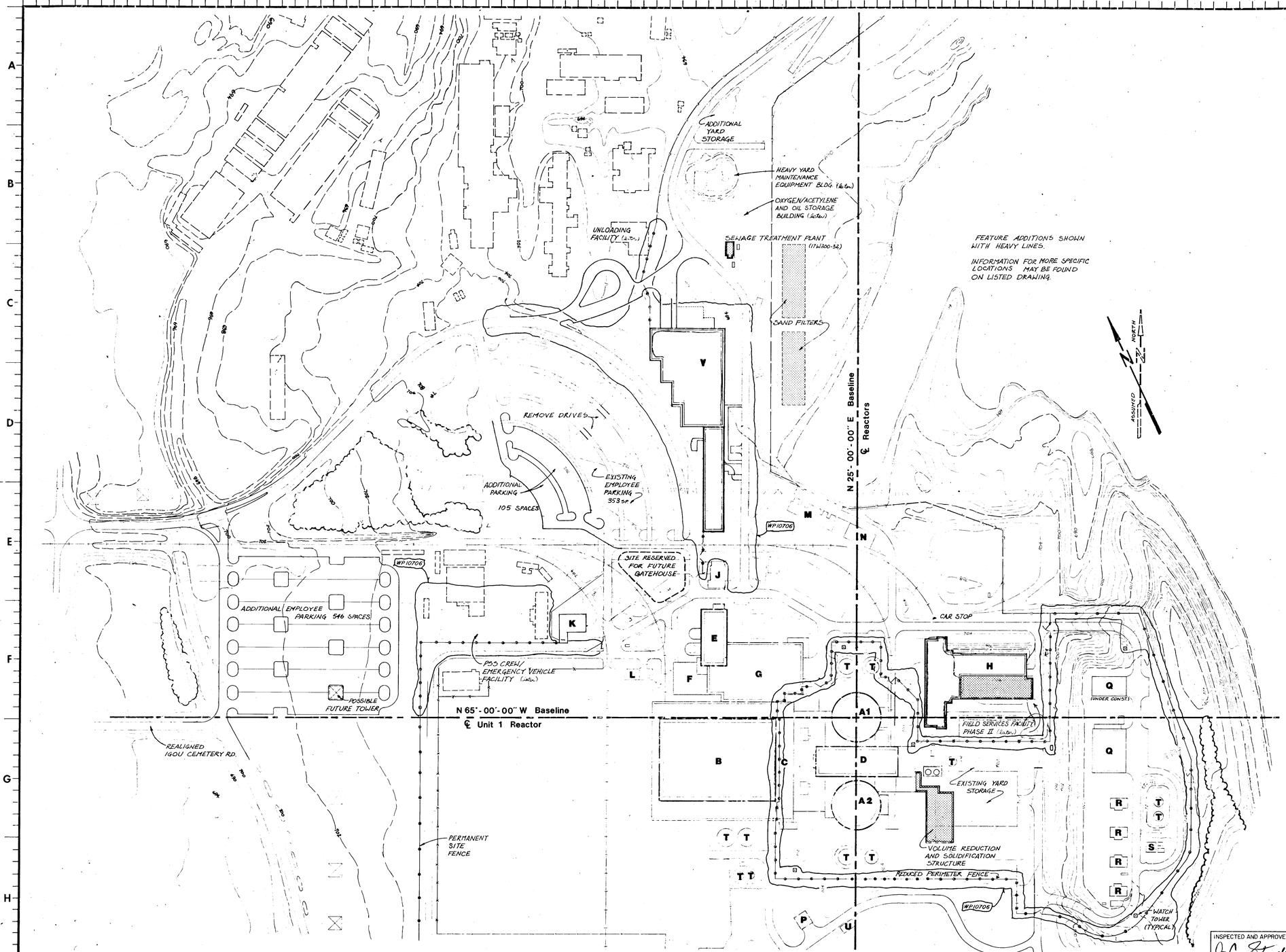
PRINTS REQ'D-R
BR or PROJ | DWG | SIZE | F | H
ME
EE
CE
AD
CD
ED
MD
BF
SW
BL
PA

REV NO.	DATE	MADE	CHKD	SUPV	INSP	SUBM	RECM
3	6-7-71	CHR	JCT	TM	WTH	DCH	LMM
Add D Gen. Bldg. Rd & Patrol Rd. ECN-51							
2	3-30-71	RNB		RCH		LMM	FRM
Changed El of Dike as well as Diffuser Pond Rd.							
1	6-11-70	CHR		CHR		LMM	FDW
General Revision							

DSGN. RNB
DRWN. RNB
CHKD. STW
TRCD.
COMP.
SUPV. STW
INSP. RJB
ENGINEER

MICROFILMED 47-SOEP

Revised to depict as-constructed configuration for FCR 3689 - EN DES Revision 11 ACI+2



LEGEND

A	Reactor Bldg.
B	Turbine Bldg.
C	Control Bldg.
D	Auxiliary Bldg.
E	Office Bldg.
F	Condensate Demineralizer Bldg.
G	Service Bldg.
H	Field Services Facility
J	Gatehouse
K	Temp. Exter. Access Control Portal
L	Acid Storage Tank Bldg.
M	Intake Pumping Station
N	Hypochlorite Bldg.
P	Hydrogen Trailer Port
Q	Diesel Generator Bldg.
R	AERCW Cooling Tower
S	AERCW Pumping Structure
T	Tank
U	Discharge Gate Structure
V	Office and Power Stores Facility

AS-CONFIGURED FOR UNITS 1 and 2

REV	UNIT	ECN	WP	DRWN	SUBM	RECM	RECM	APPD	DATE
B	1&2	L5933	10706	DLO					5-22-87

AC 1+2

Revised to depict as-constructed configuration for ECN L 5933 DNE Revision R1

REV	UNIT	ECN	WP	DRWN	SUBM	RECM	RECM	APPD	DATE
1	1&2 (ECN L 5933, SWPE L 5933)		10-7-92						

REDESIGNED UNLOADING ACCESS RD. REMOVED TERMINATED FACILITIES

REV NO.	ECN NO.	DATE	DSGN	DRWN	CHKD	SUPV	ENGR	INSP	SUBM	RECM	APPD

DSGN STEVEN J. SNODDY
DRWN STEVEN J. SNODDY
CHKD JAKE J. MORELLO
SUPV RALPH L. PORTER JR.

INSP Terrance L. Webster
LANDSCAPE ARCHITECT
Ralph L. Porter by EWM

SCALE 1" = 100' EXCEPT AS NOTED

YARD

ARCHITECTURAL SITE DEVELOPMENT PLAN PRINCIPAL DESIGN FEATURES

SEQUOYAH NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY
DIVISION OF ENGINEERING DESIGN

SUBMITTED: Ralph L. Porter by EWM
RECOMMENDED: [signature]
APPROVED: [signature]

KNOXVILLE 6-28-83 45 A 16W100-5 B

RECORD DRAWING AS CONSTRUCTED

INSPECTED AND APPROVED FOR ISSUE [signature]

POINT M 2 2 0 2 1 2 2
SIZE F 0

BR OR PROJ | ME EE CE AD CO ED MD SW BL PA | A C M E

45 A 16W100-5