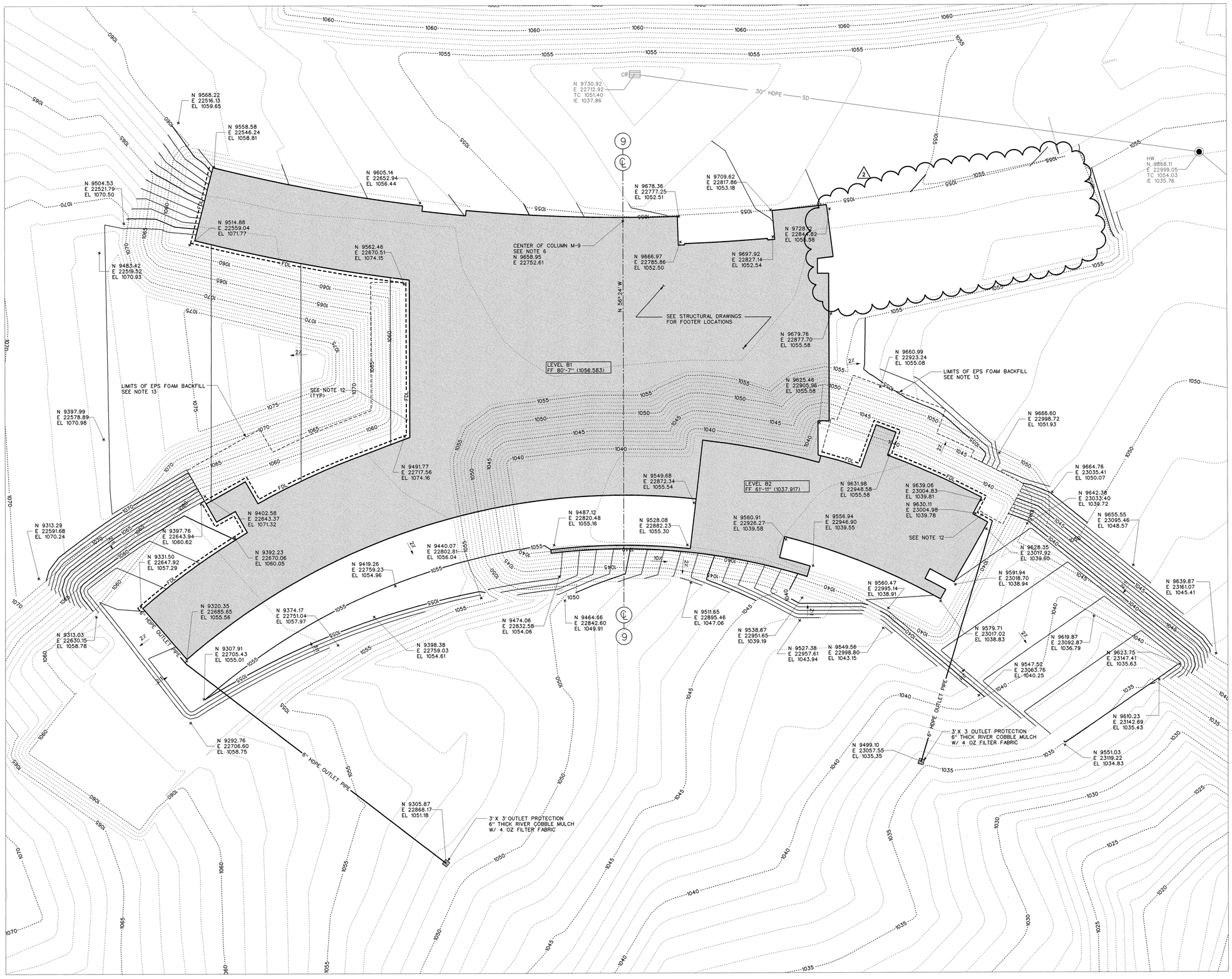
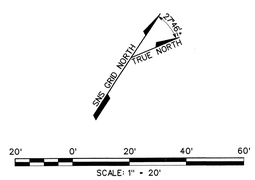


NOTES:

1. NORTH BASED ON THE SNS COORDINATE SYSTEM NAD 83 (88). THE SNS GRID ORIGIN POINT IS LOCATED AT X-10 GRID COORDINATES N-27,612.739050 AND E-38,196.144070 WITH THE SNS GRID BEING ROTATED 6 DEGREES CLOCKWISE FROM THE X-10 GRID AT THAT POINT. (88) REFERS TO THE YEAR MARTIN MARIETTA ENERGY SYSTEM (MMES) ESTABLISHED G.P.S. MONUMENTS ON THE OAK RIDGE RESERVATION USING VALUES PUBLISHED IN 1986 BY THE TN. DEPT. OF TRANSPORTATION WHICH TIED THE MMES G.P.S. MONUMENTS TO THE TN. GEODETIC REFERENCE NETWORK SYSTEM.
2. EXISTING CONTOURS ARE BASED ON THE INITIAL SITE PREPARATION GRADING PLAN.
3. ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE SUBCONTRACTOR AT HIS EXPENSE.
4. THE SUBCONTRACTOR SHALL DISPOSE OF ANY WASTE MATERIAL AS DIRECTED BY THE CM.
5. CONSTRUCTION WORK SHALL BE STAKED OUT USING HORIZONTAL AND VERTICAL CONTROL PROVIDED BY THE CM. THE SUBCONTRACTOR SHALL VERIFY CONTROL PRIOR TO STARTING CONSTRUCTION. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE CM. THE CM WILL NOT BE RESPONSIBLE FOR CONTROLS ESTABLISHED BY THE SUBCONTRACTOR.
6. THE COORDINATE FOR COLUMN M-9 AND THE BEARINGS FOR COLUMN LINE 9 ARE AS INDICATED. ALL OTHER DIMENSIONS REQUIRED FOR FOOTER AND WALL LAYOUT ARE PROVIDED ON THE STRUCTURAL DRAWINGS.
7. SUBCONTRACTOR IS RESPONSIBLE FOR PERFORMING REQUIRED EXCAVATIONS FOR CONSTRUCTION OF WALLS AND FOOTERS. EXCAVATION SLOPING SHALL BE PERFORMED IN ACCORDANCE WITH OSHA REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO DETERMINE THE OSHA SOIL CLASSIFICATION OF ON-SITE SOILS WHICH DETERMINES THE REQUIRED SLOPING AND SHORING OF THE EXCAVATIONS.
8. THE PROPOSED CONTOURS SHOWN ON THE PLANS REPRESENT FINAL GRADE ELEVATIONS AT THE COMPLETION OF WORK.
9. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE SITE SPECIFIC "CONSTRUCTION SITE STORM WATER CONTROL AND POLLUTION PREVENTION PLAN" AND DIRECTIONS FROM THE CM.
10. ONLY EXCAVATED MATERIAL MEETING THE REQUIREMENTS FOR FILL MAY BE REUSED WITHIN THE LIMITS OF CONSTRUCTION.
11. TOPSOIL SHALL BE STOCKPILED IN AREAS APPROVED BY THE CM.
12. FOUNDATION DRAIN SHALL BE 18" ADS ADVAN-EDGE PIPE OR EQUAL. INSTALL FOUNDATION DRAINS PER MANUFACTURE'S RECOMMENDATIONS.
13. SEE DRAWING C3.27.02 FOR EPS FOAM LAYOUT.

LEGEND

PROPOSED	EXISTING	DESCRIPTION
980	1075	MAJOR CONTOUR
		MINOR CONTOUR
N E EL		SPOT ELEVATION
FDL		FOUNDATION DRAIN



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PROJECT NAME:
SPALLATION NEUTRON SOURCE

CENTRAL LAB AND OFFICE BUILDING CONCRETE PLACEMENT GRADING AND FOUNDATION DRAINAGE PLAN

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	C	X	X	8	8600	X	1	1	P	U

51	52	53	WBS	DRAWING NUMBER	REV
NC	NA	IN	1.8.3.14	C3.27.01	2

RPE		
DSGN	B. NEMEC	10/25/00
DRW	F. SANTI	10/25/00
CHKR	A. WYLIE	10/25/00
SECT		
DEPT		
PE	C.L. GARREN	8/24/01
PJ		
REQ		
UTB	J.R. LAWSON	9/25/01

BENJAMIN C. NEMEC, REGISTERED ARCHITECT, STATE OF TENNESSEE, NO. 104112

REV. 2 DATE 12/20/01

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
2	-	-	-	CERTIFIED FOR CONSTRUCTION - 12/20/01	BN	AW				12/20/01		12/20/01				12/20/01	BN	104112	12/20	RW	AW	BWJ	PD	BWJ	BWJ	-	BWJ	-	ED
1				CERTIFIED FOR CONSTRUCTION - 5/15/2001	BN	AW			CLG	8/24	JS	8/21			JRL	9/25	BN	104112	5/15	SC	AW	BS	RL	BS	BJ	-	BS	--	WS
0				CERTIFIED FOR CONSTRUCTION - 10/25/00	BN	AW											BN	104112	10/25	SC	AW	BS	RL	BS	BJ	-	BS	-	WS

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

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NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN
SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 4
ENGINEERING PROCEDURE SNS-ENG-G001