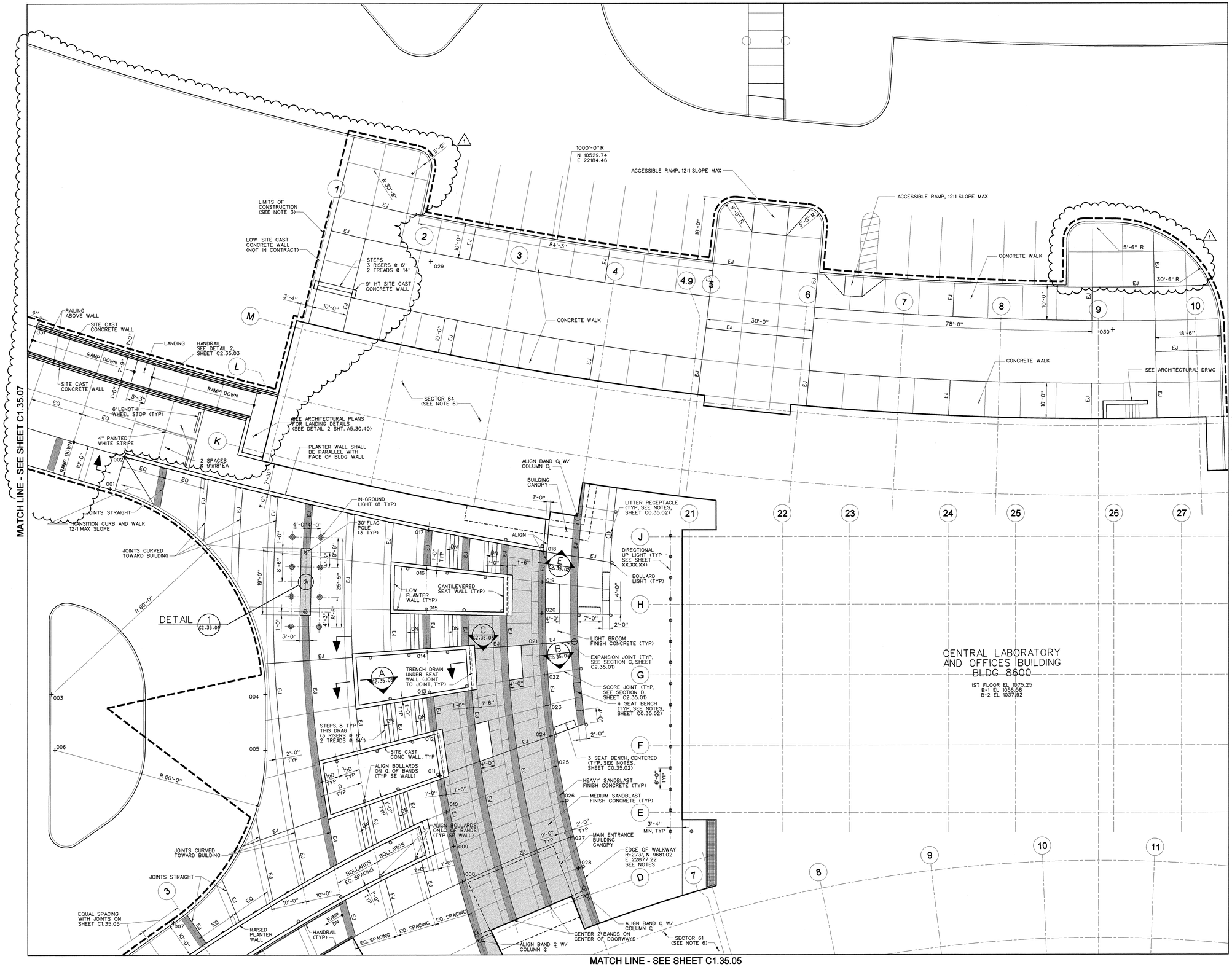
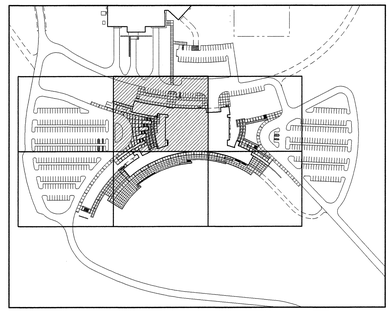


NOTES

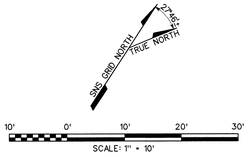
1. NORTH BASED ON THE SNS COORDINATE SYSTEM NAD 83 (88). THE SNS GRID ORIGIN POINT IS LOCATED AT X-10 GRID COORDINATES N-27,612.739050 AND E-38,996.144070 WITH THE SNS GRID BEING ROTATED 6 DEGREES CLOCKWISE FROM THE X-10 GRID AT THAT POINT. (88) REFERS TO THE YEAR MARTIN MARIETTA ENERGY SYSTEM (MMES) 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. SEE DRAWING C0.35.02 FOR GENERAL NOTES AND LEGEND.
3. LIMITS OF CONSTRUCTION SHOWN ARE APPROXIMATE. WHEN SHOWN ADJACENT TO CURBS, ACTUAL LIMIT IS BACK OF CURB.
4. POINT OF BEGINNING FOR PLAZA LAYOUT. THIS DRAWING SHALL BE COORDINATE POINTS 008 THROUGH 028. STRAIGHT LINE JOINTS BETWEEN SECTOR 61 AND SECTOR 64 ARE DEFINED BY CONNECTING THESE CORRESPONDING COORDINATE POINTS WITH A STRAIGHT LINE. EXAMPLE OF CORRESPONDING POINTS ARE 008 & 027, 009 & 026, 010 & 025, AND 017 & 018
5. JOINTS CONNECTING SECTOR 61 AND 64 BEGIN AT THE MAIN ENTRANCE BUILDING CANOPY. THE RADIUS AND CENTER POINT FOR THE EDGE OF WALKWAY IS PROVIDED. JOINTS AND BAND ALIGN WITH COLUMN LINES OR EQUALLY SPACED INCREMENTS BETWEEN COLUMN LINES.
6. PLAZA LAYOUT IS CLOSELY TIED TO THE BUILDING FEATURES - SOME ADJUSTMENTS IN THE FIELD MAY BE NECESSARY TO ALIGN WITH CENTERLINES, COLUMN LINES, FACE OF WALLS, ETC. ALL ADJUSTMENTS SHALL BE APPROVED BY CM PRIOR TO MAKING THE CHANGE.
7. ARC CENTER IS THE SAME FOR ALL ARCS BETWEEN SECTORS 61 AND 64. CURVE LINES SHALL BE PARALLEL.

COORDINATE TABLE

PT. NO.	DESCRIPTION	EAST	NORTH
001	TANGENT POINT	22529.21	9489.15
002	CORNER	22527.56	9499.12
003	ARC CENTER	22547.60	9431.51
004	TANGENT POINT	22598.03	9464.92
005	TANGENT POINT	22606.79	9451.70
006	ARC CENTER	22557.19	9418.84
007	TANGENT POINT	22612.37	9396.61
008	REF. POINT	22674.05	9451.44
009	REF. POINT	22666.36	9458.48
010	REF. POINT	22659.22	9465.47
011	REF. POINT	22652.03	9473.01
012	REF. POINT	22644.22	9481.82
013	REF. POINT	22636.73	9490.89
014	REF. POINT	22629.60	9500.27
015	REF. POINT	22622.86	9509.91
016	REF. POINT	22616.46	9519.79
017	REF. POINT	22610.79	9529.36
018	REF. POINT	22641.20	9542.27
019	REF. POINT	22645.75	9534.79
020	REF. POINT	22651.39	9528.00
021	REF. POINT	22655.58	9520.30
022	REF. POINT	22660.82	9513.29
023	REF. POINT	22666.31	9506.45
024	REF. POINT	22671.99	9499.79
025	REF. POINT	22677.89	9493.32
026	REF. POINT	22685.05	9486.00
027	REF. POINT	22692.55	9478.89
028	REF. POINT	22699.34	9472.89
029	ARC CENTER	22569.27	9593.22
030	ARC CENTER	22741.02	9683.93
031	END OF WALL	22486.55	9516.09



KEY PLAN



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PROJECT NAME:
SPALLATION NEUTRON SOURCE

CENTRAL LAB AND OFFICE BUILDING SITE LAYOUT

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	C1.35.02				1

RPE		
DSGN	J. PFEIFER	05/15/01
DRW	K. LYNCH	05/15/01
CHKR	S. FRITTS	05/15/01
SECT		
DEPT		
PE	C.L. GARREN	9/6/01
PJ	J. STELLERN	8/21/01
REQ		
UTB	J.R. LAWSON	9/25/01

DRAWING APPROVALS

REV. 1 DATE 12-20-01

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
1	-	-	-	CERTIFIED FOR CONSTRUCTION - 12/20/01	JP	SF		12/20/01									JP	419	12/20	RW	AW	BWJ	PD	BWJ	BWJ	-	BWJ	-	ED
0				CERTIFIED FOR CONSTRUCTION - 5/15/2001	JP	SF		CLG	9/6		JS	8/21			JRL	9/25	JP	419	5/15	SC	AW	BS	RL	BS	BJ	-	BS	-	WS

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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

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