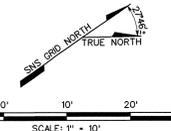
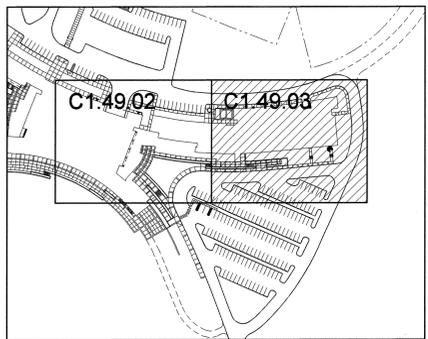
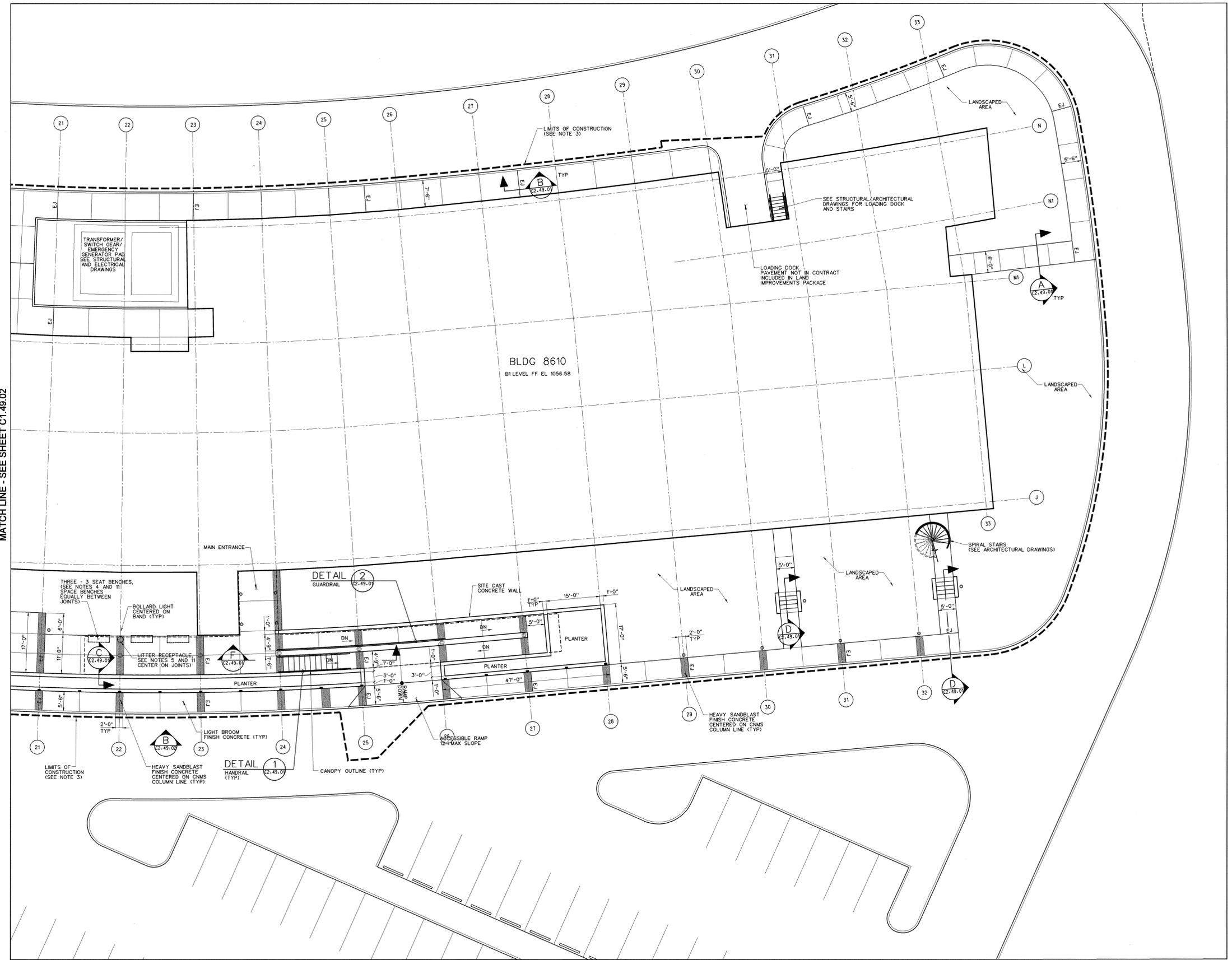


NOTES

- NORTH BASED ON THE SNS COORDINATE SYSTEM NAD 83 (98). THE SNS GRID ORIGIN POINT IS LOCATED AT X=10 GRID COORDINATES N=22 812.730050 AND E=38 106.44070 WITH THE SNS GRID BEING ROTATED 8 DEGREES CLOCKWISE FROM THE X-Y GRID AT THAT POINT. (98) REFERS TO THE YEAR MARTIN MARETTA 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.
- SEE DRAWING CO.49.02 FOR GENERAL NOTES AND LEGEND.
- LIMITS OF CONSTRUCTION SHOWN ARE APPROXIMATE. WHEN SHOWN ADJACENT TO CURBS, ACTUAL LIMIT IS BACK OF CURB.
- BENCHES SHALL BE ARMLESS BENCH SEATS MADE OF HEAVY GAUGE PERFORATED STEEL AS MANUFACTURED BY KRUEGER INTERNATIONAL, INC. (K) PROMENADE SEATING SYSTEM OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
- LITTER RECEPTACLES SHALL BE 20" DIA. PERFORATED STEEL 36" HIGH (30 GAL.) WITH ASH RECEPTACLE AS MANUFACTURED BY KRUEGER INTERNATIONAL, INC. (K) PROMENADE SEATING SYSTEM OR APPROVED EQUAL. SEE SPECIFICATIONS FOR ADDITIONAL DETAILS.
- ALL WALKS AND PLAZA PAVEMENT SHALL BE 4" THICK, 4,000 PSI CONCRETE UNLESS NOTED OTHERWISE.
- CURB LAYOUT INFORMATION IS TO BACK OF CURB. CURBS ARE NOT IN CONTRACT.
- EXPANSION MATERIAL SHALL BE PLACED BETWEEN CONCRETE WALKS AND WALLS.
- SEE RETAINING WALL DRAWINGS FOR ADDITIONAL WALL AND STAR INFORMATION.
- SEE LANDSCAPE LIGHTING DRAWINGS FOR ADDITIONAL SITE LIGHTING INFORMATION.
- EDGE OF ALL BENCHES AND LITTER RECEPTACLES SHALL BE ALIGNED WITH EDGE OF PAVEMENT.
- SEE STRUCTURAL DRAWINGS FOR BUILDING COLUMN LINE INFORMATION.
- FINISH OF ALL SITE CAST CONCRETE WALLS SHALL BE A HEAVY SANDBLAST FINISH AND MATCH PRECAST CONCRETE BUILDING PANELS. CM TO APPROVE FINAL FINISH.
- SIDEWALK LAYOUT IS CLOSELY TIED TO THE BUILDING PARKING AND ROADWAY 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.
- SEE LAND IMPROVEMENT DRAWINGS FOR ROADWAY, PARKING AND CURBING LAYOUT. THE SUBCONTRACTOR/CM SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE CURBING PRIOR TO CM'S WALKWAY INSTALLATION.



ORNL DRAWING NUMBER:  
 Knight/Jacobs Joint Venture  
 701 Scorsora Road, MS 8253  
 Oak Ridge, TN 37830  
 865-241-9433  
 fax 865-241-3400

**BWSC**  
 BANNER  
 BANNER &  
 DANNON, INC.  
 ARCHITECTS  
 LANDSCAPE ARCHITECTS AND PLANNERS  
 1000 S. MAIN ST. SUITE 200  
 OAK RIDGE, TN 37830

**UT-BATTELLE**  
 PROJECT NAME:  
**CENTER FOR NANOPHASE MATERIALS SCIENCES**

**SITE LAYOUT**

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	C	X	X	8	8610	X	1	1	P	U
51	52	53	A/E DRAWING NUMBER:		DRAWING NUMBER:		REV		0	
NC	NA	IN	C1.49.03							

REV	DATE	BY	CHK	DEPT	DATE	REASON	UTB	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PO	SE	AR	SQA/QC
0						CERTIFIED FOR CONSTRUCTION - 12/9/2002		BCN	104112	12/9	RZ	AW	BWJ	AK	IM	DM	-	BWJ	-	TW	
1	12/10/02	JK	JK	ENR	12/10/02	REVISED PER COMMENTS		BCN	104112	12/10	RZ	AW	BWJ	AK	IM	DM	-	BWJ	-	TW	

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 CHANGE CONTROL SYSTEM  
 ENGINEERING PROCEDURE

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