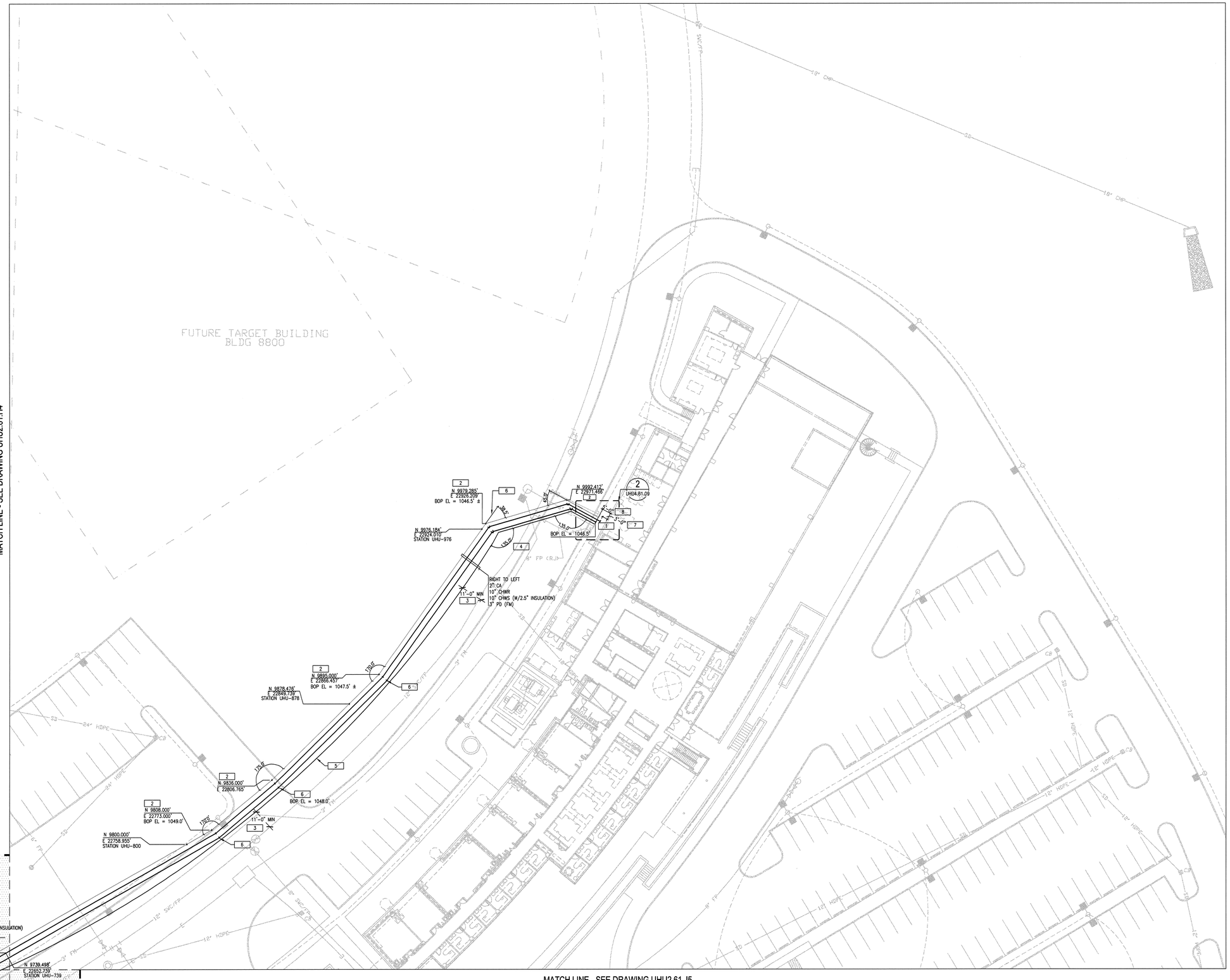

GENERAL NOTES:

A. SITE CONTOURS AND STORM DRAINAGE CONFIGURATION ARE LOCATED IN THE INITIAL SITE PREPARATION PACKAGE. SNS CONTRACT NUMBER: 00F-1823-01, REFERENCE LATEST REVISION.

B. SANITARY WASTE DRAIN, STORM DRAIN, POTABLE WATER AND FIRE WATER PIPING IS SHOWN HERE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS UWT3.34.J4 AND USS3.34.J4 FOR ROUTING OF THESE SERVICES.

C. ELECTRICAL DUCT BANKS AND MAN HOLES ARE SHOWN HERE FOR REFERENCE ONLY. SEE ELECTRICAL DRAWING UEL2.61.J4 FOR ROUTING OF THESE SERVICES.

D. SEE SHEET UHU8.61.02 FOR PIPING PROFILES.

E. SEE DETAIL 2, SHEET UHU6.61.01 FOR TRENCHING AND COMPACTING REQUIREMENTS.

F. THE PIPING CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER THE INSTALLATION OF ALL PIPING AT LOCATIONS OF INTERFACE WITH THE RESPECTIVE BUILDING PACKAGE.

KEYNOTES:

1. CAP END OF PIPE FOR HYDROSTATIC TESTING AND FUTURE CONNECTION.
2. N AND E COORDINATES TO CENTER LINE OF CA PIPE.
3. MAINTAIN DISTANCE NOTED TO POTABLE WATER LINE LOOP. SEE CIVIL DRAWINGS FOR POTABLE WATER.
4. USE STANDARD FITTINGS FOR POLYPROPYLENE PD PIPING INSTALLATION. SEE KEYNOTE 3.
5. PIPE LENGTH REQUIRED FOR POLYPROPYLENE PD PIPING IS APPROXIMATELY 404 FT (VALVE ACCESS UTILITY VAULT TO 45° TRANSITION).
6. FIELD CUT MITER JOINT.
7. CONNECTION POINT TO BUILDING SERVICE CHWR PIPING SHALL BE AT 3'-0" FROM THE STRUCTURE PERIMETER TO PROVIDE A 24" OFFSET AT THE FLANGE CONNECTION (BETWEEN CHWS AND CHWR PIPES). SEE GENERAL NOTE F, THIS SHEET.
8. 5'-0" DISTANCE APPLIES TO 3" PD, 10" CHWS AND 2" CA. SEE KEYNOTE 7 FOR CHWR REQUIREMENT. SEE CIVIL DRAWINGS FOR OTHER SERVICES.
9. SEE DRAWING UHU2.61.H4 AND UHU2.61.H5 FOR VAULT LOCATION AND INSTALLATION REQUIREMENTS.

		F3	G3	H3	J3	
D4	E4	F4	G4	H4	J4	K4
D5	E5	F5	G5	H5	J5	K5
			G6	H6	J6	

KEY PLAN

27°46' TRUE NORTH
SNS GRID NORTH

20' 0' 20' 40' 60'
SCALE: 1" = 20'

108040000-U8E-8000-A234

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UT-BATTELLE, LLC. • Oak Ridge, Tennessee

PROJECT NAME:
CENTER FOR NANOPHASE MATERIALS SCIENCE
SITE UTILITIES
MECHANICAL PLAN
BLOCK J4

RPE		
DSN	C. FILLER	12/9/02
DRW	C. FILLER	12/9/02
CHK	B. JOHNSON	12/9/02
DEPT		
PE		1/24/03
PJ		1/23/03
REQ		1/24/03
0 REV.	12/9/02 DATE	
UTB		

BRUCE W. JOHNSON REGISTERED ENGINEER STATE OF TENNESSEE

DRAWING APPROVALS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	U	X	X	8	8000		1	1	P	U
51		52		53						
NC		NA			1.8.4		UHU2.61.J4			REV 0

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CNMS REVISIONS - DCN T1-SU1-08 - 12/09/02	CF	JW	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
		1/23/03		1/24/03				BWJ	105869	12/9/02	

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
--	BN	--	VS	--	--	--	JW	--	--

SQUAD CHECK

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
ENGINEERING PROCEDURE

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