NEXT ASS'Y: | FINAL ASS'Y: 1

GENERAL NOTES:

A. SEE SHEET UHU6.61.XX FOR PIPE ANCHORAGE SCHEDULE AND DETAILS.

B. SEE SHEET UHU6.61.02 FOR TYPICAL UNDERGROUND PIPE INSTALLATION DETAILS.

C. SITE CONTOURS AND STORM DRAINAGE CONFIGURATION ARE LOCATED IN THE INITIAL SITE PREPARATION PACKAGE. SNS CONTRACT NUMBER: 00F-1823-01, REFERENCE LATEST REVISION. GRADING INFORMATION HERE IS SHOWN FOR REFERENCE ONLY.

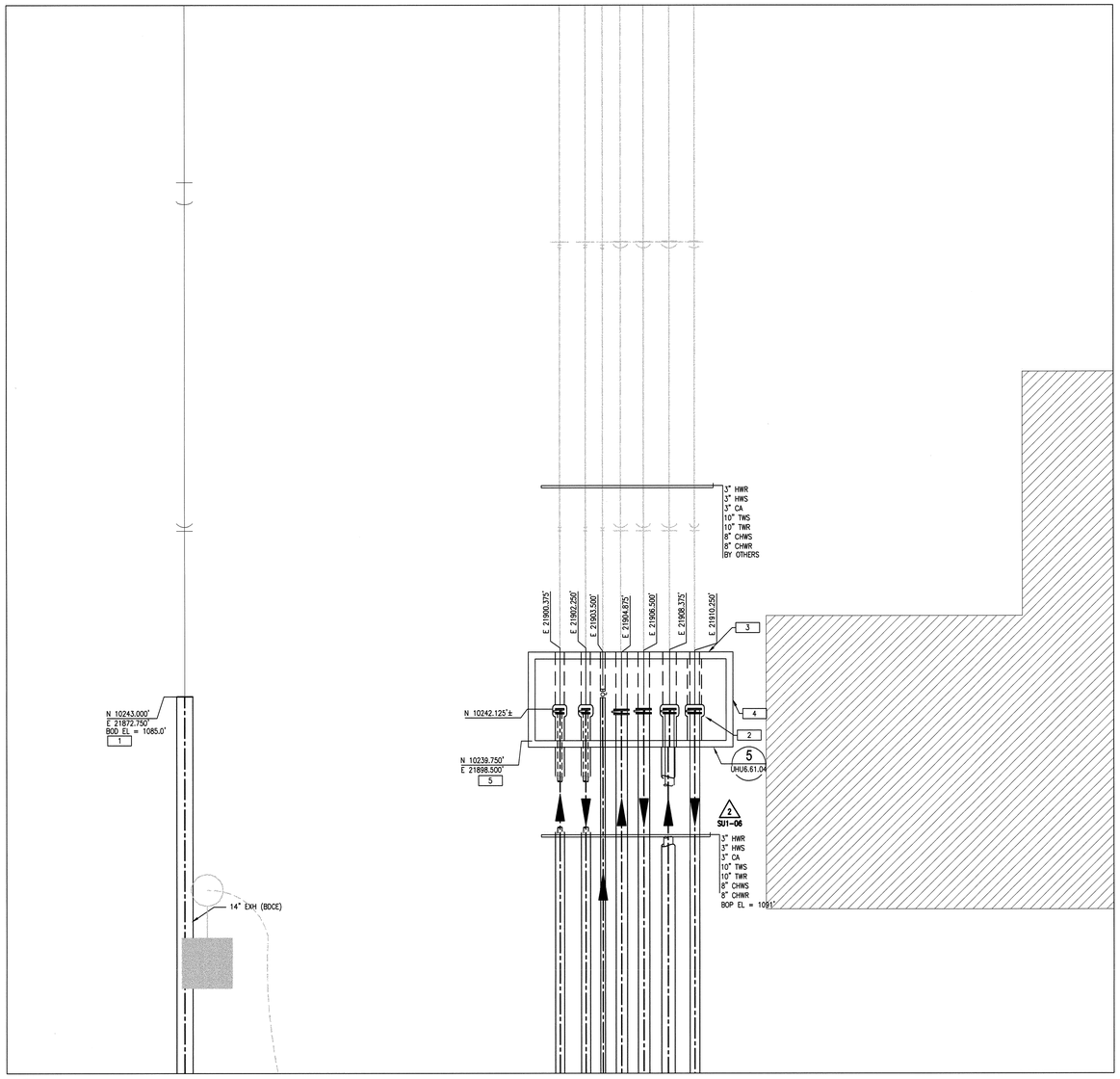
D. THE PIPING CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER THE INSTALLATION OF ALL PIPING AT LOCATIONS OF INTERFACE WITH THE RESPECTIVE BUILDING PACKAGE.

KEYNOTES:

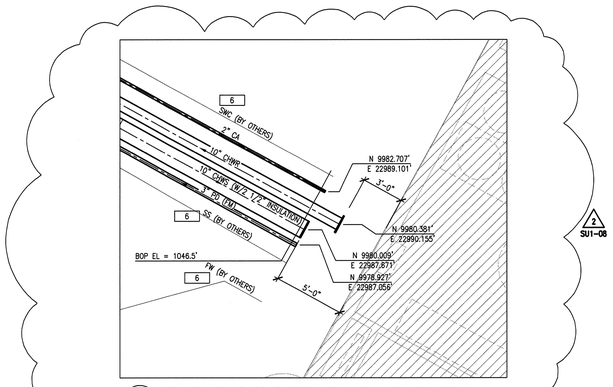
1. CAP END OF DUCT FOR LEAK TESTING AND FUTURE CONNECTION.
2. INSULATE CHWS AND CHWR PIPES AND VALVES IN VALVE ACCESS UTILITY VAULT.
3. TEMPORARILY SHIELD VAULT PENETRATIONS FROM DEBRIS BY ATTACHING 3/4" PLYWOOD SHEETING OVER PRECAST PENETRATIONS.
4. VALVE ACCESS UTILITY VAULT. FURNISH AND INSTALL FULL LINE SIZE ISOLATION VALVES AT EACH LINE IN VAULT. FURNISH AND INSTALL REMOVABLE BLIND FLANGE / CAP FOR HYDROSTATIC TESTING AND FUTURE CONNECTION.
5. N AND E COORDINATES TO INSIDE CORNER OF VALVE ACCESS UTILITY VAULT. VERIFY COORDINATES WITH VAULT PRECAST PENETRATION ALIGNMENT TO PIPING PRIOR TO INSTALLATION.
6. SEE CIVIL DRAWINGS FOR FW, SS AND SWC SERVICES. (2 / SU1-08)

SHEET LEGEND:

BUILDING FOOTPRINT.



1 UHU2.61.04 ENLARGED PLAN - RING SERVICE BUILDING VALVE ACCESS UTILITY VAULT
SCALE: 1/4"=1'-0"



2 UHU2.61.14 ENLARGED PLAN - INTERFACE WITH CNMS BUILDING
SCALE: 1/4"=1'-0"

108040000-U8E-8000-A096

Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

KNIGHT
Knight Advanced Technology
4710 E. Dorset, Bldg. 1, #9
Peoria, AZ 85345

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UT-BATTELLE, LLC. ▼ Oak Ridge, Tennessee

PROJECT NAME:
CENTER FOR NANOPHASE MATERIALS SCIENCE
SITE UTILITIES
MECHANICAL ENLARGED PLANS
SHEET 9

DSN	C. FILLER	7/13/01	
DRW	C. FILLER	7/13/01	
CHK	B. JOHNSON	7/13/01	
DEPT			
PE	JB SCHUBERT	7/16/01	
PJ	T.McLAUGHLIN	7/16/01	
REQ			
UTB	J.LAWSON	7/16/01	

RPE: BRUCE W. JOHNSON, REGISTERED ENGINEER, STATE OF TENNESSEE, NO. 00108580
REV. 2 DATE 12/9/02

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	UHU4.61.09				REV 2

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL 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	A	4	6,8	CNMS REVISIONS - DCN T1-SU1-08 - 12/09/02	CF	JW											BWJ	105869	12/9/02	--	BN	--	VS	--	--	--	JW	--	--
1				BASIS OF AWARD - 10/30/2001	PCG	JW			JS	11/15/01	TM	11/15/01			JL	11/15/01	BWJ	105869	10/30/01	RW	AW	BS	AK	BS	BJ	--	BS	--	WS
0				CERTIFIED FOR CONSTRUCTION - 7/13/01	CF	BS			JS	7/16/01	TM	7/16/01			JL	7/16/01	BWJ	105869	7/13/01	RW	AW	BS	AK	BS	BJ	--	BS	--	WS

REVISION OR ISSUE PURPOSE | REVISION APPROVALS | SQUAD CHECK | DRAWING APPROVALS

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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
ENGINEERING PROCEDURE

AutoCAD
C:\Projects\SNS\T1-SU1-08 - DCN - 12-09-02\SU1-08-Mechanical.dwg - 8 - 12/12/02 - 11:12am
Date: 12/12/2002 Time: 09:20:17
User-id: FILLERC
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