

MATCH LINE - SEE DRAWING UHU2.61.H4

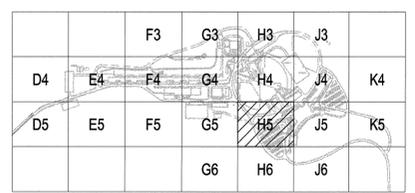


- GENERAL NOTES:**
- SITE CONTOURS AND STORM DRAINAGE CONFIGURATION ARE LOCATED IN THE INITIAL SITE PREPARATION PACKAGE. SWS CONTRACT NUMBER: DOF-1823-01. REFERENCE LATEST REVISION.
 - SANITARY WASTE DRAIN, STORM DRAIN, POTABLE WATER AND FIRE WATER PIPING IS SHOWN HERE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS UH2.34.H5 AND US33.34.H5 FOR ROUTING OF THESE SERVICES.
 - ELECTRICAL DUCT BANKS AND MAN HOLES ARE SHOWN HERE FOR REFERENCE ONLY. SEE ELECTRICAL DRAWING UEL2.61.H5 FOR ROUTING OF THESE SERVICES.
 - SEE DETAIL 2, SHEET UHU8.61.01 FOR TRENCHING AND COMPACTING REQUIREMENTS.
 - THE PIPING CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER THE INSTALLATION OF ALL PIPING AT LOCATIONS OF INTERFACE WITH THE RESPECTIVE BUILDING PACKAGE.

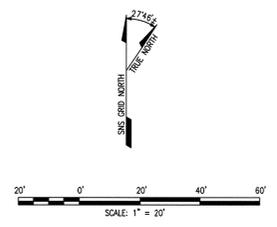
- KEYNOTES:**
- VALVE ACCESS UTILITY VAULT. FURNISH AND INSTALL FULL LINE SIZE ISOLATION VALVE IN EACH LINE ENTERING INTO VAULT. FURNISH AND INSTALL BLIND FLANGES/REMOVABLE CAPS ON ALL PIPES AFTER VALVES.
 - EXTEND 3" PD TO 5'-0" OUTSIDE OF VALVE ACCESS UTILITY VAULT AND CAP FOR FUTURE CONNECTION. SEE DETAIL 11, SHEET UHU8.61.02 FOR PD FM MANFOLD ASSEMBLY. (SM/LAR)
 - PIPING ENTERING INTO VAULT FROM TOP TO BOTTOM: 2" CA, 4" TWS, 4" TWS, 12" CHWR, 12" CHWS, 3" PD, BOP, EL = 1053.00'

MATCH LINE - SEE DRAWING UHU2.61.G5

MATCH LINE - SEE DRAWING UHU2.61.J5



KEY PLAN



108040000-U8E-8000-A042

KNIGHT
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 Knight Jacobs Joint Venture
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UT-BATTELLE
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PROJECT NAME: CENTER FOR NANOPHASE MATERIALS SCIENCE

SITE UTILITIES MECHANICAL PLAN BLOCK H5

1	48	49	50	PLANT	BLDG	FL	SH.	CP	TYPE	CLASS
3	U	X	X	8	8000		1	1	P	U
51	52	53								
NC	NA			1.84						UHU2.61.H5

REV	DATE	DESCRIPTION	DSN	CHK	DEPT	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR	
3	A	4	6.8																					
2	A	4	4																					
1	A	4	2																					
0																								

RPE
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SECTION AND DETAIL KEY

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