

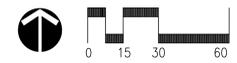
**LEGEND**

COMPRESSED AIR	CA
CHILLED WATER	CW
STEAM	STM
COMMUNICATION	COM
WATER	W
FIRE PROTECTION	FP
POWER	PW
SANITARY SEWER	SAN
STORM SEWER	ST
L.O.C.	---
CONC THRUST BK	▲
PROPOSED STORM INLET	▣ CB
FLARED END SECTION	▴ FES
CONCRETE HEADWALL	⌒ HW
MANHOLE	● MH
ROOF DRAIN	RD

- GENERAL NOTES**
- ALL BASE INFORMATION OBTAINED FROM TOPOGRAPHIC AND UTILITY SURVEY PREPARED BY MUNICIPAL LAND SURVEYORS, PC, DATED 07/14/09.
  - REMOVE AND CAP AND VALVE ALL UTILITIES AS DIRECTED BY BNL.
  - RESET ALL VALVES, CATCH BASINS, MANHOLES AND SURFACE APPURTENANCES, NOT BEING REMOVED, TO FINISH GRADE IN ALL AREAS OF REGRADING AND NEW WORK.
  - PATCH ALL EXISTING ASPHALT AS REQUIRED WHICH HAS BEEN DISTURBED/TRENCHED/REMOVED.
  - REFERENCE 'GEOTECHNICAL REPORT - INTERDISCIPLINARY SCIENCE BUILDING 1, CONCEPT DESIGN PHASE' PREPARED BY GEI CONSULTANTS DATED 04/23/08. COPIES AVAILABLE FROM HDR. ALSO REFERENCE 'GEOTECHNICAL REPORT - INTERDISCIPLINARY SCIENCE BUILDING 1, FINAL DESIGN PHASE' PREPARED BY GEI CONSULTANTS, DATED 09/11/09.
  - MINIMUM COVER OVER CHILLED WATER PIPING SHALL BE 5 FEET.
  - SEE SHEET C-600 FOR OVERALL UTILITY PLAN.
  - SEE SHEET C-601 FOR STORM SEWER PLAN.
  - SEE SHEET C-602 FOR SANITARY SEWER PLAN.
  - SEE SHEET C-603 FOR SITE DOMESTIC AND FIREWATER PLAN.
  - SEE SHEET ES-101 FOR SITE ELECTRICAL PLAN.

**EXPANSION LOOP SIZES**

LOOP NO.	HPS SYSTEM			CPD SYSTEM		
	SIZE (IN)	WIDTH (FEET)	HEIGHT (FEET)	SIZE (IN)	WIDTH (FEET)	HEIGHT (FEET)
L-1	6	4	8	3	8	8
L-2	6	7	12	3	3	6



1	ADDENDUM #02	05/07/10
	ISSUE FOR BID	04/09/10
JOB NO.	SHEET NO.	REVISION
		DATE
		DRAWN
		APPROV
		DATE

**BROOKHAVEN NATIONAL LABORATORY**

UNDER CONTRACT WITH  
**UNITED STATES DEPARTMENT OF ENERGY**  
 PLANT ENGINEERING DIVISION  
 UPTON, NEW YORK 11973

JOB TITLE	INTERDISCIPLINARY SCIENCE BUILDING	DWG. TITLE	STEAM, CHILLED WATER & COMPRESSED AIR PLAN
DATE	04/09/10	ACCT. NO.	
SCALE	1" = 30'	JOB NO.	076872
EDHO RISK LEVEL	APPRO. BY: JN	BLDG. NO.	
FILENAME	C-604		C-604