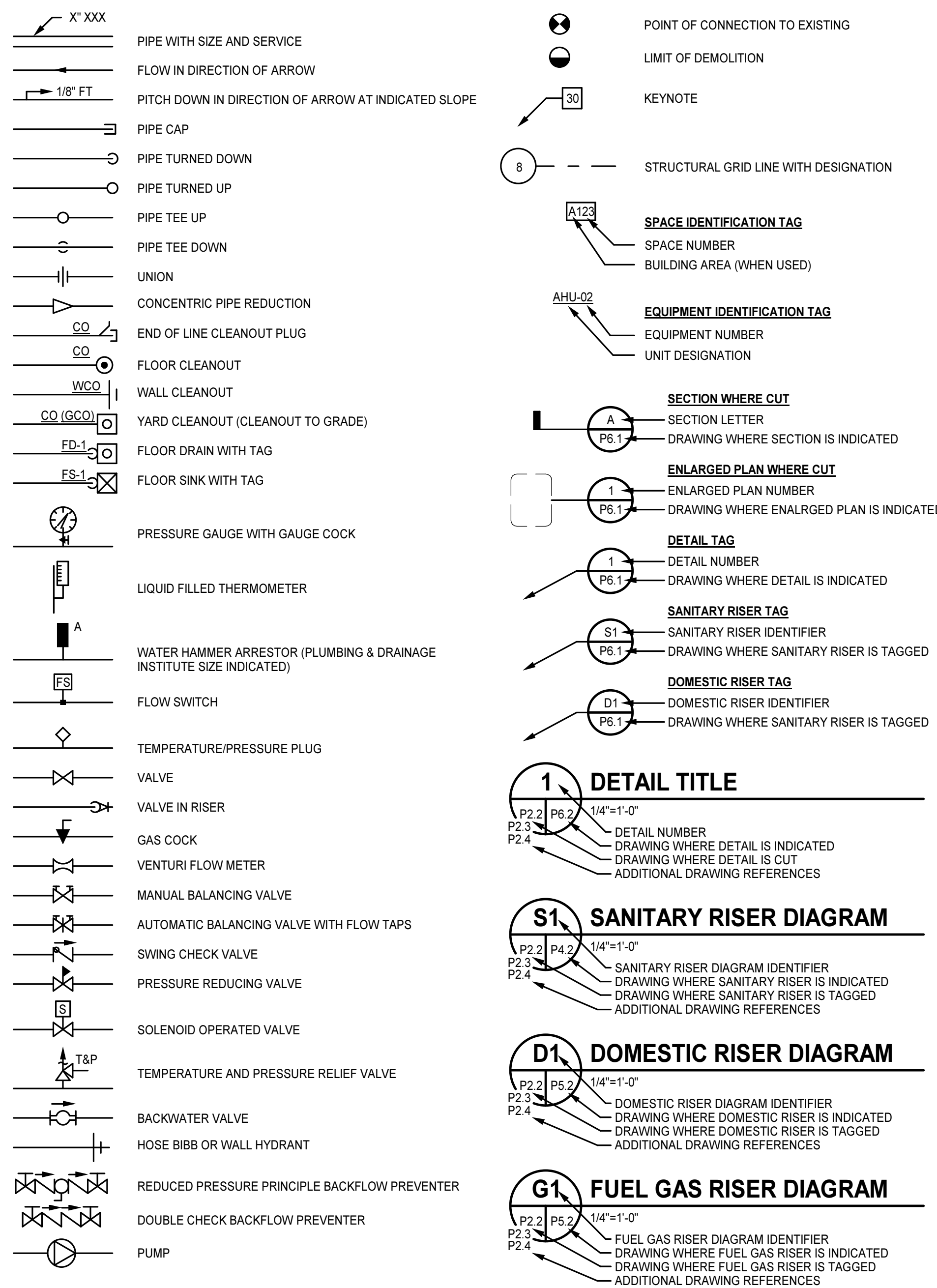


ABBREVIATIONS					
@	AT	EVH	ELECTRIC WATER HEATER	OPNG	OPENING
AAV	AIR ADMITTANCE VALVE	EX	EXISTING	OPP	OPPOSITE
ABV	ABOVE	EXP	EXPANDING	OPEN SSD	OPEN SITE DRAIN
ABJ	ADJUSTABLE	FPC	FLOOR CLEANOUT	PC	PRECAST
ADNL	ADDITIONAL	FD	FLOOR DRAIN	PCF	POUNDS PER CUBIT FOOT
AFF	ABOVE FINISHED FLOOR	FDC	FIRE DEPARTMENT CONNECTION	PD	PUMP DISCHARGE
AFG	ABOVE FINISHED GRADE	FDN	FOUNDATION DRAIN	PLUMB	PLUMBING
AHU	AIR HANDLING UNIT	FF	FINISHED FLOOR	PLYWD	PLYWOOD
ALT	ALTERNATE	FFE	FINISHED FLOOR ELEVATION	POLY	POLYETHYLENE
ALUM	ALUMINUM	FG	FINISHED GRADE	PPT	PRESSURE PRESERVATIVE TREATED
APP	ACCESS PANEL	FH	FIRE HYDRANT	PREFAB	PREFABRICATE(D)
APPRX	APPROXIMATE	FHC	FIRE HOSE CABINET	PROJ	PROJECT
ARCH	ARCHITECTURAL	FHS	FIRE HOSE STATION	PSF	POUNDS PER SQUARE FOOT
AUTO	AUTOMATIC	FHVC	FIRE HOSE VALVE CABINET	PSI	POUNDS PER SQUARE INCH
AVG	AVERAGE	FIX	FIXTURE	PV	PROPANE VENT
BFF	BELOW FINISHED FLOOR	FLR	FLOOR	PVC	POLYVINYL CHLORIDE
BFG	BELOW FINISHED GRADE	FLSWG	FLASHING	PVMT	PAVEMENT
BLDG	BUILDING	FOR	FUEL OIL RETURN	R	RISER
BO	BOTTOM OF	FOS	FUEL OIL SUPPLY	RAD	RADIUS
BOT	BOTTOM	FV	FUEL OIL VENT	RD	ROOF DRAIN (BOTTOM OUTLET)
BSMT	BASEMENT	FS	FLOOR SINK	RDS	ROOF DRAIN (SIDE OUTLET)
BTVN	BETWEEN	FT	FOOT OR FEET	REF	REFERENCE
CA	COMPRESSED AIR	FVC	FIRE VALVE CABINET	REQD	REQUIRED
CI	CAST IRON	G	NATURAL GAS	REQMT	REQUIREMENTS
CIP	CAST-IN-PLACE CONCRETE	GGO	GRADE CLEANOUT	RL	RIM LEADER
CL	CENTERLINE	GWH	GAS WATER HEATER	RM	ROOM
CLG	CEILING	HB	HOSE BIB	RO	ROUGH OPENING
CLR	CLEAR	HORIZ	HORIZONTAL	S	SOUTH
CMP	CORRUGATED METAL PIPE	HP	HORSEPOWER	SAN	SANITARY
CNTR	COUNTER	HTG	HEATING	SCH	SCHEDULE
CO	CLEANOUT	HW	HOT WATER	SD	STORM DRAIN
COL	COLUMN	HWR	HOT WATER RETURN	SDN	STORM DRAIN NOZZLE
CONC	CONCRETE	HWS	HOT WATER SUPPLY	SHT	SHEET
CONDS	CONDENSATE	ID	INSIDE DIAMETER	SIM	SIMILAR
CONSTR	CONSTRUCTION	IN	INCH	SLT	SEALANT
CONT	CONTINUATION	INSUL	INSULATE OR INSULATION	SOO	SLAB ON GRADE
CONTR	CONTRACT, (OR)	INVT	INVERT	SP	SUMP PUMP
CORR	CORRIDOR	JAN	JANITOR	SPEC	SPECIFICATION
CP	CIRCULATING PUMP	KIT	KITCHEN	SPR	SPRINKLER
CR	CLASSROOM	KW	KITCHEN WASTE	SQ	SQUARE
CT	COOKING TOWER	LA	LABORATORY AIR	SRD	SECONDARY ROOF DRAIN
CU	COPPER	LAB	LABORATORY	SS	STAINLESS STEEL
CU FT	CUBIC FEET	LAV	LAVATORY	SSD	SECONDARY STORM DRAIN
CU YD	CUBIC YARD	LBS	POUNDS	STD	STANDARD
CW	COLD WATER	LF	LINEAR FOOT (FEET)	STL	STEEL
DB	DRY B	LP	PROPANE	STOR	STORAGE
DCW	DOMESTIC COLD WATER	LPV	PROPANE VENT	STRUCT	STRUCTURAL
DEMO	DEMOLISH OR DEMOLITION	MATL	MATERIAL	SUSP	SUSPENDED
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	THK	THICK(NESS)
DHR	DOMESTIC HOT WATER RETURN	MECH	MECHANICAL	TLT	TILT
DHW(140)	DOMESTIC HOT WATER RETURN (140°)	MED	MEDIUM	TOSL	TOP OF SLAB
DHW	DOMESTIC HOT WATER	MFR	MANUFACTURER	TW	DOMESTIC TEMPERED WATER (90° F)
DHW(140)	DOMESTIC HOT WATER (140°)	MN	MANHOLE	TYP	TYPICAL
DI	DROP INLET	MIN	MINIMUM	UG	UNDERGROUND
DIAMET	DIAMETER	MISC	MISCELLANEOUS	UNLESS NOTED (INDICATED) OTHERWISE	
DIP	DUCTILE IRON PIPE	MTD	MOUNTED	V	VENT
DIS	DEIONIZED WATER SUPPLY	N	NORTH	VAC	VACUUM
DN	DOWN	N/A	NOT APPLICABLE/AVAILABLE	VB	VACUUM BREAKER
DS	DOWNSPOUT	NA	NORMALLY CLOSED	VERT	VERTICAL
DT	DRAIN TILE	NG	NATURAL GAS	VTR	VENT THROUGH ROOF
DTL	DETAIL	NGV	NATURAL GAS VENT	W	WEST
DTW	DOMESTIC TEMPERED WATER	NIC	NOT IN CONTRACT	W/	WITH
DWG	DRAWING	NO	NORMALLY OPEN	WO	WITHOUT
E	EAST	NO, (#)	NUMBER	WBSH	WASHER BOX
ELEC	ELECTRICAL	NOM	NOMINAL	WC	WATER CLOSET
EPBD	ELECTRICAL PANELBOARD	OC	ON CENTER	WCO	WALL CLEANOUT
EQ	EQUAL	OD	OUTSIDE DIAMETER	WHA-X	WATER HAMMER ARRESTER WITH SIZE
EQUIP	EQUIPMENT	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	WSHP	WATER SOURCE HEAT PUMP
ETR	EXISTING TO REMAIN	OFF	OFFICE	WTR	WELDED WIRE FABRIC
EW	ELECTRIC WATER COOLER	OH	OVERHEAD	WWM	WELDED WIRE MESH
				XMR	TRANSFORMER

GRAPHICS SYMBOLS LEGEND



GENERAL NOTES

- A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISCREPANCY, OR AMBIGUITY, THE ORDER OF PRECEDENCE SHALL BE: CONTRACT DOCUMENTS, SPECIFICATIONS, AND SUPPLEMENTAL SPECIFICATIONS. IN THE CASE OF A CONTRACT DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
- B. COORDINATE PIPING LOCATIONS AND INSTALLATION WITH EACH TRADE TO AVOID CONFLICTS WITH OTHER TRADES.
- C. PROVIDE FLOOR CLEANOUTS INDICATED FLUSH WITH FLOOR FINISHES.
- D. PROVIDE CLEANOUTS WHERE INDICATED AND ADDITIONAL CLEANOUTS AS REQUIRED BY LOCAL CODE.
- E. REFER TO DRAWINGS FROM EACH DISCIPLINE BEFORE ROUGH-IN PLUMBING FIXTURES.
- F. OBTAIN DIMENSIONS AND ROUTING IN FIELD BEFORE INSTALLATION OF PLUMBING AND FIXTURES.
- G. PROVIDE ISOLATION VALVES IN ACCORDANCE WITH DIAGRAMS, DETAILS, AND DIVISION 22 SPECIFICATIONS. UNCW-PLUMBING SHOP HAS INDICATED THAT NO ADDITIONAL VALVES IN THE EXISTING PLUMBING PIPING WILL BE NECESSARY. NEW PLUMBING PIPING WILL BE PROVIDED WITH BALL VALVES AND NOT DISC VALVES. ALL EXISTING NON-BALL TYPE VALVES WILL BE REPLACED WITH BALL VALVES.
- H. FOR ALL PLUMBING PIPING: REMOVE ALL INSULATION AND JACKETING AND REPLACE PER SPECIFICATION REQUIREMENTS. PATCH AND REPAIR ANY AND ALL DAMAGED INSULATION.
- I. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACINGS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.
- J. FOR LAB CASEWORK/ROOMS BEING REPLACED IN KIND, EXTEND AND RECONNECT EXISTING PLUMBING UTILITIES TO NEW CASEWORK/HOOKUPS. REPLACE EXISTING TRAPS, PIPING, FITTINGS, AND ACCESSORIES BETWEEN WALL SERVICE AND NEW EQUIPMENT. REFER TO ARCHITECTURAL AND LAB PLANS FOR FURTHER INFORMATION.
- K. PROVIDE ALL EXISTING AND NEW EMERGENCY FIXTURES WITH EMERGENCY THERMOSTATIC SHUT-OFF AND ANSI Z358.1 VALVE MATCHED TO THE FLOW RATE OF THE FIXTURE IT SERVES AND SET TO DELIVER 85°F TEPID WATER.
- L. REFER TO DIVISION 23 FOR WATER AND GAS METERS LINKED TO BUILDING MANAGEMENT SYSTEM (BMS). UNCW PROVIDES THE DOMESTIC AND GAS DISTRIBUTION PIPING - METERING SHALL BE TIED INTO EMCS THROUGH BUILDING'S NETWORK AREA CONTROLLER.
- M. REPAIR CRAWLSPACE PIPING TO CORRECT LEAKS. COORDINATE KNOWN PROBLEM LOCATIONS WITH OWNER PRIOR TO COMPLETION. CONDUCT LEAK TEST FOR CRAWLSPACE PIPING TO VERIFY ANY ADDITIONAL LEAK POINTS. REPAIR IDENTIFIED LOCATIONS AND RETEST FOR VERIFICATION.