

ABBREVIATIONS

A	AB ADFM AD AF AG AGA ANT AP	ABOVE ACTUAL CURB FEET PER MINUTE AREA DRAIN ABOVE FINISH CEILING ABOVE FINISH FLOOR AIR CAP AREA GAS ALARM PANEL ACID NEUTRALIZING TANK ACCESS PANEL	G	GC GM GT GV GVB	GENERAL CONTRACTOR GAS METER & REGULATOR SET GREASE TRAP GATE VALVE FUEL GAS VALVE BOX	M	MA MAC MAD MGA MH MSB MVE MVP	MEDICAL AIR MEDICAL AIR COMPRESSOR MEDICAL GAS OUTLET IDENTIFICATION MASTER MEDICAL GAS ALARM PANEL MANGROVE MDF SERVICE BASIN MEDICAL VACUUM PIPING MEDICAL VACUUM EXHAUST PIPING MEDICAL VACUUM PUMP	T	T&P TG TMV TOP TP TR TRP	TEMPERATURE & PRESSURE RELIEF VALVE TEMPERATURE GAUGE THERMOSTATIC MIXING VALVE TOP PIPE ELEVATION TRAP PRIMER THROUGH ROOF TYPICAL
B	BFP BV BLV BT BV BWV	BACKFLOW PREVENTER BUTTERFLY VALVE BALL VALVE BATH TUB BALANCING VALVE BACKWATER VALVE	H	H&C HB HW HWR	HOT & COLD WATER PIPING HOSE BIBB HOT WATER PIPING HOT WATER RETURN PIPING	N	N2 N2O NC NCP NO NPCW NPPW NTS	NITROGEN PIPING NITROUS OXIDE PIPING NORMALLY CLOSED NITROGEN CONTROL PANEL NOT IN CONTRACT NORMALLY OPEN NON-POTABLE COLD WATER NON-POTABLE HOT WATER NOT TO SCALE	U	UN UP UP&DN UR UW	UNION UP (THROUGH SLAB ABOVE) UP&DN (THROUGH FLOOR SLAB) URNAL UNSAFE (NON-POTABLE) WATER PIPING
C	CA CAV CE CFH CLG CONT CSS CTE CO CV CW	COMPRESSED AIR CAPPED AND VALVED CAP EXISTING CUBIC FEET PER HOUR CEILING CONTINUATION CLINIC SERVICE (FLUSHING RM) SINK CONNECT TO EXISTING CLEANOUT CHECK VALVE COLD WATER	I	IE INV IW	INVERT ELEVATION INVERT INDIRECT WASTE	O	OFCD OX	OWNER FURNISHED, CONTRACTOR INSTALLED OWNER FURNISHED & INSTALLED OXYGEN PIPING	V	V VB VE VR VS VTR	VENT PIPING MEDICAL VACUUM PIPING VACUUM BREAKER MEDICAL VACUUM EXHAUST PIPING VENT RISE VENT STACK VENT THROUGH ROOF
D	DCVA DF D.I.S.S. DN DW DWH	DOUBLE CHECK VALVE ASSEMBLY DRINKING FOUNTAIN DAMPEN INDEX SAFETY SYSTEM DOWN THROUGH FLOOR DRAWING DOMESTIC WATER HEATER	J	JC JSS	JANITOR'S CLOSET JANITOR'S SLOP SINK	P	PC PLGD PRV PS PVB PP	PLUMBING CONTRACTOR PLUGGED PRESSURE REDUCING VALVE PRESSURE REGULATING VALVE ASSEMBLY PRESSURE SWITCH PRESSURE VACUUM BREAKER PRESSURE GAUGE PERFORATED PIPE	W	W&T W&V W&OD WB WCO WFA WH WHA WP	WASTE AND TRAP WASTE AND VENT WASTE ANESTHETIC GAS DISPOSAL WATER BOOSTER WATER CLOSET WALL CLEANOUT WATER FILTER ASSEMBLY WALL HYDRANT WATER HAMMER ARRESTOR WHIRL POOL
E	EL ES ETR EX EW ENC EX EXPTK	ELEVATION EMERGENCY SHOWER EXISTING TO REMAIN EXISTING TO BE REMOVED EXHAUST (W&O) PIPING EMERGENCY EYEWASH ELECTRIC WATER COOLER EXISTING EXPANSION TANK	K	KEC KW	KITCHEN EQUIPMENT CONTRACTOR KITCHEN WASTE (GREASE)	R	RD RP RPBP RV RW	ROOF DRAIN RECIRC. PUMP REDUCED PRESSURE BACKFLOW PREVENTER RELIEF VALVE RAIN WATER PIPING	Y	YCD	YARD CLEAN OUT
F	FAI FCD FD FTE FLR	FRESH AIR INTAKE FLUSH FLOOR CLEANOUT FLOOR DRAIN FINISH FLOOR ELEVATION FLOOR	L	L L&L LGA LOW LV	LABORATORY LABORATORY GAS ALARM PANEL LIMIT OF WORK LOCKED MEDICAL VALVE	S	SH SK SL SQ, W SQ. FT. SS STR SP SV SVTR SW	SHOWER SINK SLOPE (1/8" PER FOOT) SOIL OR WASTE PIPING SQUARE FEET SOIL STACK STRAINER SLUMP PUMP SPECIAL VENT SPECIAL VENT THROUGH ROOF SPECIAL WASTE	Z	ZVB	MEDICAL GAS ZONE VALVE BOX

GENERAL NOTES

DEMOLITION

- DISCONNECT AND DISMANTLE EXISTING PLUMBING SYSTEMS AND EQUIPMENT TO BE DEMOLISHED AND LEAVE DEBRIS AND DISCONNECTED EQUIPMENT ON THE FLOOR FOR REMOVAL UNDER SECTION 02070 -- SELECTIVE DEMOLITION.
- REMOVE EXISTING PLUMBING STACKS, MAINS AND BRANCHES WHEN SERVING FIXTURES TO BE DEMOLISHED. REMOVE PIPING BACK TO WITHIN 24" OF THE ACTIVE MAIN AND PROVIDE CAP OR PLUG TO SUIT SYSTEM. OBTAIN EXISTING RECORD DRAWINGS FROM THE OWNER, MAINTAIN EXISTING PLUMBING RISERS AND STACKS SERVING FIXTURES TO REMAIN.
- AFTER WALLS AND CEILINGS ARE REMOVED AND PIPING IS EXPOSED, VERIFY PIPING SERVES ONLY PLUMBING FIXTURES & EQUIPMENT INDICATED FOR DEMOLITION BEFORE SHUTDOWN FOR DISCONNECTION. IDENTIFY EXISTING PIPING WHICH SERVES FIXTURES & EQUIPMENT TO REMAIN. PROMPTLY NOTIFY ARCHITECT OF ACTIVE PIPING TO BE MAINTAINED WHEN LOCATED IN PARTITIONS TO BE DEMOLISHED.
- REMOVE EXISTING STACKS AND RISERS LOCATED IN EXISTING PARTITIONS TO BE DEMOLISHED AND PROVIDE NEW OFFSET AT CEILING AND DROP THROUGH THE FLOOR AND RECONNECT TO THE EXISTING SERVICES AT THE FLOOR BELOW.

DRAWING LIST

PLUMBING

P001	MEDICAL GAS / PLUMBING LEGENDS, NOTES, & ABBREVIATIONS
P002	MEDICAL GAS / PLUMBING SCHEDULES
P100.B	PLUMBING UNDER-SLAB PIPING DEMOLITION SECTOR B
P108.A	PLUMBING BASEMENT DEMOLITION SECTOR A
P108.B	PLUMBING BASEMENT DEMOLITION SECTOR B
P108.B1	MEDICAL GAS DEMOLITION PLAN SECTOR B
P200.B	PLUMBING UNDER-SLAB PIPING RENOVATION SECTOR B
P208.A	PLUMBING BASEMENT RENOVATION SECTOR A
P208.B	PLUMBING BASEMENT RENOVATION SECTOR B
P201.B	PLUMBING BASEMENT, SUB-BASEMENT & CANOPY PLANS SECTOR B
P308.A	MEDICAL GAS BASEMENT RENOVATION SECTOR A
P308.B	MEDICAL GAS BASEMENT RENOVATION SECTOR B
P400	MEDICAL GAS / PLUMBING DETAILS

General Notes:
 1. THIS IS A STANDARD SYMBOL LIST. ALL SYMBOLS MAY NOT NECESSARILY APPEAR ON THE FLOOR PLANS OR DETAIL SHEETS. ONLY THOSE INDICATED ON THE FLOOR PLANS AND DETAILS SHEETS SHOULD BE USED, AND ALL OTHERS SHOULD BE DISREGARDED.

SYMBOLS LEGEND

(A1.2)	E	[A]
COLUMN LINE DESIGNATION	MEDICAL GAS OUTLET DESIGNATION	
[Symbol]	CONNECT TO EXISTING	WC-1
	PLUMBING FIXTURE DESIGNATION	
[X/XXXX]	DRAWING NUMBER	[A/xx]
	SHEET NUMBER	REVISION DESIGNATION
[K1]	DETAIL DESIGNATION	KITCHEN EQUIPMENT DESIGNATION

PIPING LEGEND

GENERAL

---	EXISTING PIPING TO REMAIN
-X-X-X-	EXISTING PIPING TO BE REMOVED
- - -	NEW PIPING

WATER

----	COLD WATER PIPING
----	HOT WATER PIPING
----	HOT WATER RETURN PIPING
----140	HOT WATER PIPING (140°F)
----140	HOT WATER RETURN PIPING (140°F)
---DE---	DEIONIZED WATER PIPE
---DI---	DISTILLED WATER PIPE
---HP---	COLD WATER PIPING (HIGH PRESSURE)
---HP---	HOT WATER PIPING (HIGH PRESSURE)
---HP---	HOT WATER RETURN PIPING (HIGH PRESSURE)
---NP---	NON-POTABLE COLD WATER PIPING
---NP---	NON-POTABLE HOT WATER PIPING
---NP---	NON-POTABLE HOT WATER RETURN PIPING
---RO/DI---	REVERSE OSMOSIS WATER PIPING
---RO/DI---	REVERSE OSMOSIS DEIONIZED WATER PIPING
---TW---	TEPID WATER PIPING
---TW---	TEPID WATER RETURN

DRAINAGE

----	SANITARY OR WASTE PIPING
----	UNDER SLAB SANITARY OR WASTE PIPING
----	VENT PIPING
----	UNDER SLAB VENT PIPING
----	GARAGE WASTE PIPING (GAS/OIL WASTE)
----	UNDER SLAB GARAGE WASTE PIPING
----	GARAGE VENT PIPING
----	UNDER SLAB GARAGE VENT PIPING
----	INDIRECT WASTE PIPING
----	KITCHEN WASTE PIPING (GREASE WASTE)
----	UNDER SLAB KITCHEN WASTE PIPING
----	PUMPED DISCHARGE PIPING
----	RAIN WATER PIPING
----	UNDER SLAB RAIN WATER PIPING
----	SPECIAL WASTE PIPING
----	UNDER SLAB SPECIAL WASTE PIPING
----	SPECIAL VENT PIPING
----	UNDER SLAB SPECIAL VENT PIPING

GAS

----	CARBON DIOXIDE PIPING
----	COMPRESS AIR PIPING
----	EVACUATION (W&O) PIPING
----	FRESH AIR INTAKE PIPING
----	NATURAL GAS PIPING
----	GAS HIGH PRESSURE
----	NATURAL GAS VENT PIPING
----	LABORATORY VACUUM PIPING
----	MEDICAL AIR PIPING
----	GAS MEDIUM PRESSURE
----	MEDICAL VACUUM PIPING
----	MEDICAL VACUUM EXHAUST PIPING
----	NITROGEN PIPING
----	NITROUS OXIDE PIPING
----	OXYGEN PIPING
----	SPECIAL GAS PIPING

PIPING SYMBOL LEGEND

DRAINS

[Symbol]	AREA DRAIN
[Symbol]	FLOOR DRAIN
[Symbol]	ROOF DRAIN
[Symbol]	TRENCH DRAIN

PIPING

[Symbol]	CAPPED
[Symbol]	CLEANOUT
[Symbol]	DOWN THROUGH FLOOR
[Symbol]	DROP (OR RISE)
[Symbol]	FLEX CONNECTOR
[Symbol]	FLOW ARROW
[Symbol]	FLUSH FLOOR CLEANOUT
[Symbol]	IN-LINE PRESSURE SENSOR
[Symbol]	PIPE GUIDE
[Symbol]	PRESSURE GAUGE
[Symbol]	PRESSURE SWITCH
[Symbol]	SLOPE (2" PER FOOT)
[Symbol]	UNION
[Symbol]	UP (THROUGH SLAB ABOVE)
[Symbol]	UP & DOWN (THROUGH FLOOR SLAB)
[Symbol]	UP & TRAP
[Symbol]	TEMPERATURE GAGE
[Symbol]	WASTE & TRAP

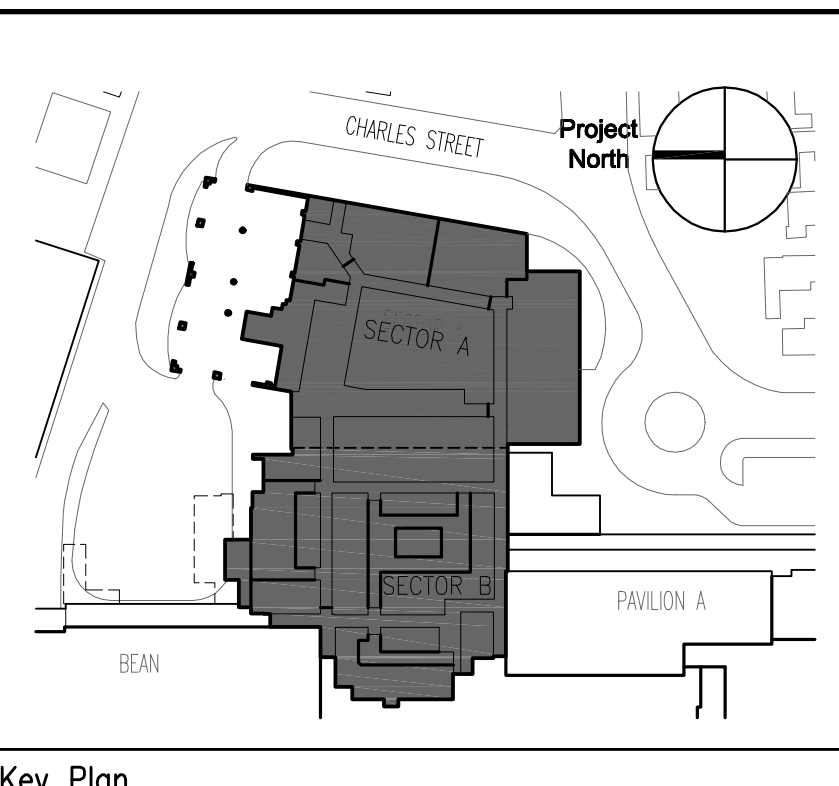
VALVES

[Symbol]	BACKWATER VALVE
[Symbol]	BALANCING VALVE
[Symbol]	BUTTERFLY VALVE
[Symbol]	CAPPED & VALVED
[Symbol]	CHECK VALVE
[Symbol]	DOUBLE CHECK VALVE ASSEMBLY
[Symbol]	GAS COCK
[Symbol]	GATE VALVE
[Symbol]	HOSE BIBB
[Symbol]	ISOLATION VALVE
[Symbol]	PRESSURE REDUCING VALVE
[Symbol]	PRESSURE REGULATING VALVE ASSEMBLY
[Symbol]	REDUCED PRESSURE BACKFLOW PREVENTER
[Symbol]	RELIEF VALVE
[Symbol]	STRAINER
[Symbol]	TEMPERATURE & PRESSURE RELIEF VALVE
[Symbol]	WALL HYDRANT
[Symbol]	MEDICAL GAS ZONE VALVE BOX

MARK	ISSUE DATE	DESCRIPTION

BID	12/14/07	BID SET
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Issue Log



Key Plan

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Maine Medical Center
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Drawing Title

MEDICAL GAS PLUMBING LEGENDS, NOTES & ABBREVIATIONS

Drawn By	SDB	Commission No.	4696
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Phase / Package Number	Sheet Number
	P001

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