PROCESS PIPING LEGEND/ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

	DIRECTION OF FLOW/SLOPE (EXISTING)
	DIRECTION OF FLOW/SLOPE
	BRANCH CONNECTION, BOTTOM
	BRANCH CONNECTION, TOP
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	GAS VALVE
	UNION
	PRESSURE REDUCING VALVE
	PIPING CAP
AR	ARGON PIPING
CA	COMPRESSED AIR PIPING
CAI	COMPRESSED AIR INTAKE PIPING
DV	DENTAL VACUUM
G	NATURAL GAS PIPING
LA	LAB AIR PIPING
LG	LAB GAS PIPING
LV	LAB VACUUM PIPING
MA	MEDICAL AIR PIPING
MV	MEDICAL VACCUUM PIPING
MVE	MEDICAL VACCUUM EXHAUST PIPING
OX	OXYGEN PIPING
N2	NITROGEN PIPING
N2O	NITROUS OXIDE PIPING
	EXISTING PIPING TO BE REMOVED
	MATCH LINE
	EXISTING GAS WALL OUTLET
	GAS WALL OUTLET
	CONNECTION TO EXISTING
	EXISTING ZONE VALVE DESIGNATION
	EXISTING AREA ALARM DESIGNATION
	AREA ALARM DESIGNATION
DRAWING NUMBER 1 P5.1 DETAIL NUMBER	INDICATES DETAIL NUMBER
G 1	INDICATES GAS RISER
1	KEYED NOTE
1	REVISION NOTE
AFF	ABOVE FINISED FLOOR
DN	DOWN
ESOV	EMERGENCY SHUT-OFF VALVE
EX OR EXIST	EXISTING
FFE	FINISHED FLOOR ELEVATION
IE OR INV. ELEV.	INVERT ELEVATION
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
RI	ROUGH-IN

PLUMBING LEGEND/ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

	DIRECTION OF FLOW/SLOPE (EXISTING)
	DIRECTION OF FLOW/SLOPE
	BRANCH CONNECTION, BOTTOM
	BRANCH CONNECTION, TOP
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	TRAPPED CONNECTION
	BALL VALVE
	BUTTERFLY VALVE
	UNION
	CHECK VALVE
	STRAINER
	CALIBRATED BALANCING VALVE
	CLEANOUT (CO)
	OS & Y GATE VALVE
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	THERMOSTATIC MIXING VALVE
	DOUBLE CHECK BACKFLOW PREVENTER
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
	PRESSURE REDUCING VALVE
	HOSE BIBB
	HOSE END VALVE
	PIPING CAP
AV	ACID VENT
AW	ACID WASTE
D	DRAIN PIPING
DE	DEIONIZED WATER PIPING
DI	DISTILLED WATER
	DOMESTIC COLD WATER (CW)
	DOMESTIC HOT WATER (HW)
	DOMESTIC HOT WATER RETURN (HWR)
PD	PUMP DISCHARGE PIPING
RO	REVERSE OSMOSIS PIPING
SAN	SANITARY SEWER ABOVE GRADE
SSD	SUBSOIL DRAINAGE
ST	STORM SEWER
OST	OVERFLOW STORM SEWER
TW	TEMPERED WATER
	VENT PIPING
	EXISTING PIPING TO BE REMOVED
	MATCH LINE
	EXISTING FIXTURE TO BE REMOVED
	EXISTING FIXTURE
	NEW PLUMBING FIXTURE
	FLOOR DRAIN (FD)
	CONNECTION TO EXISTING
DRAWING NUMBER 1 P5.1 DETAIL NUMBER	INDICATES DETAIL NUMBER
P 1	INDICATES PLUMBING RISER
S 1	INDICATES SANITARY RISER
DWH 1	INDICATES EQUIPMENT
1	KEYED NOTE
1	REVISION NOTE

PLUMBING LEGEND/ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

ADA	AMERICAN DISABLITIES ACT
AFF	ABOVE FINISHED FLOOR
BP	BOOSTER PUMP
BT	BATHTUB
BTC	BRANCH TO CONNECTION
CBV	CALIBRATED BALANCING VALVE
CI	CAST IRON
CO	CLEANOUT
CSS	CLINICAL SERVICE SINK
CV	CHEMICAL VENT
CVTR	CHEMICAL VENT THRU ROOF
DN	DOWN
DS	DOWNSPOUT
DW	DISHWASHER
DWH	DOMESTIC WATER HEATER
EEW	EMERGENCY EYE WASH
ET	EXPANISION TANK
EWC	ELECTRIC WATER COOLER
EX OR EXIST	EXISTING
FFE	FINISHED FLOOR ELEVATION
FCO	FLOOR CLEANOUT
GD	GARBAGE DISPOSAL
HB	HOSE BIBB
HWRP	HOT WATER RETURN PUMP
HWST	HOT WATER STORAGE TANK
IE OR INV. ELEV	INVERT ELEVATION
IM	ICE MAKER
IW	INDIRECT WASTE
LA	LAVATORY
MB	MOP BASIN
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
OB	OUTLET BOX
RD	ROOF DRAIN
RI	ROUGH-IN
RPBFP	BACKFLOW PREVENTER (REDUCED PRESSURE)
SH	SHOWER
SK	SINK
SP	SUMP PUMP
S/S	STAINLESS STEEL
SS	SANITARY STACK
SSK	SHOP SINK
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
VS	VENT STACK
VTR	VENT THRU ROOF
WC	WATER CLOSET
WCO	WALL CLEANOUT
WD	WASHER DRAIN
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER
WS	WASTE STACK
WVS	WASTE VENT STACK
YCO	YARD CLEANOUT

100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date

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