



PLUMBING ABBREVIATIONS

A/E	ARCHITECT / ENGINEER	L/S	LITER PER SECOND
AD	AREA DRAIN	LA	LABORATORY AIR
AFF	ABOVE FINISH FLOOR	LAV	LAVATORY
AFG	ABOVE FINISH GRADE	LBS/HR	POUNDS PER HOUR
AG	AIR GAP	LCW	LABORATORY COLD WATER
AP	ACCESS PANEL	LHW	LABORATORY HOT WATER
AS	AUTOMATIC SPRINKLER	LV	LABORATORY VACUUM
ASD	AUTOMATIC SPRINKLER DRAIN	LW	LOW WATER
ASHRAE	AMERICAN SOCIETY HEATING, REFRIGERATION, AIR CONDITIONING ENGINEERS	M	METER
ASME	AMERICAN SOCIETY MECHANICAL ENGINEERS	MA	MEDICAL AIR
ASPE	AMERICAN SOCIETY PLUMBING ENGINEERS	MAV	MANUAL AIR VENT
ASR	AUTOMATIC SPRINKLER RISER	MBH	1000 BTUH
		MED	MEDICAL
		MER	MECHANICAL EQUIPMENT ROOM
BFP	REDUCED PRESSURE BACKFLOW PREVENTER	MH	MANHOLE
BHP	BREAK HORSEPOWER	MOU	MEMORANDUM OF UNDERSTANDING
BSP	BLACK STEEL PIPE	MSB	MOP SERVICE BASIN
BT	BATHTUB	MV	MEDICAL VACUUM
BTU	BRITISH THERMAL UNIT		
BTUH	BRITISH THERMAL UNIT PER HOUR	N2	NITROGEN
		N2O	NITROUS OXIDE
C	CELSIUS	NC	NORMALLY CLOSED
CGA	COMPRESSED GAS ASSOCIATION	NG	NATURAL GAS
CI	CAST IRON	NIC	NOT IN CONTRACT
CO	CLEANOUT	NO	NORMALLY OPEN
CS	CLINICAL SINK	NOM.	NOMINAL
CV	CONTROL VALVE	NPW	NON POTABLE WATER
		NTC	NOT TO SCALE
DCW	DOMESTIC COLD WATER	O2	OXYGEN
DHW	DOMESTIC HOT WATER	OC	ON CENTER
DHWR	DOMESTIC HOT WATER RETURN	OD	OUTSIDE DIAMETER
DHWS	DOMESTIC HOT WATER SUPPLY	OFD	OVERFLOW DRAIN
DN	DOWN	OR	OPERATING ROOM
DOE	DEPARTMENT OF ENERGY	OVFL	OVERFLOW
DS	DOWNSPOUT		
DW	DISHWASHER	PA	PASCAL
DWG	DRAWING	PD	PRESSURE DROP OR DIFFERENCE
DWH	DOMESTIC WATER HEATER	PDI	PLUMBING AND DRAINAGE INSTITUTE
DWR	DRINKING WATER RETURN	PG	PRESSURE GAGE
DWS	DRINKING WATER SUPPLY	PP	PLUMBING PUMP
DWV	DRAIN WASTE VENT	PPM	PARTS PER MILLION
		PRS	PRESSURE REDUCING STATION
EL	ELEVATION	PRV	PRESSURE REDUCING VALVE
EMCS	ENERGY MONOSERRAT AND CENTRAL SYSTEM	PSI	POUNDS PER SQUARE INCH
EPA	ENVIRONMENTAL PROTECTION AGENCY	PSIA	POUNDS PER SQUARE INCH ATMOSPHERE
EPACT	ENERGY POLICY ACT	PSIG	POUNDS PER SQUARE INCH GAUGE
ESC	ESCUTCHEON	PW	POTABLE WATER
ESH	EMERGENCY SHOWER		
ET	EXPANSION TANK	RD	ROOF DRAIN
EWC	ELECTRIC WATER COOLER	RDL	ROOF DRAIN LEADER
EW	ELECTRIC WATER COOLER	RL	ROOF LEADER
EWH	ELECTRIC WATER HEATER	RWL	RAIN WATER LEADER
EX	EXISTING		
F	FAHRENHEIT	SAN	SANITARY SEWER
FCO	FLOOR CLEANOUT	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
FCW	FILTERED COLD WATER		
FD	FLOOR DRAIN	SCFM	STANDARD CUBIC FOOT/MINUTE
FDC	FIRE DEPARTMENT (HOSE) CONNECTION	SDMH	STORM DRAIN MANHOLE
FM	FLOW METER	SP	SUMP PUMP
FS	FLOW SWITCH	SPR	SPRINKLER LINE
		SF	SQUARE FEET
GAL	GALLON	SS	STAINLESS STEEL
GCO	GRADE CLEANOUTS	SW	STORM WATER
CPD	GALLONS PER DAY		
GPH	GALLONS PER HOUR		
GPM	GALLONS PER MINUTE		
GPR	GAS PRESSURE REGULATOR		
GRS	GAS REGULATOR STATION		
GT	GREASE TRAP	TYP	TYPICAL
GVTR	GAS VENT THROUGH ROOF		
GWH	GAS FIRED WATER HEATER	UPC	UNIFORM PLUMBING CODE
H&CW	HOT AND COLD WATER	V	VENT
HB	HOSE BIBB	VAC	VACUUM
HD	HUB DRAIN	VB	VACUUM BREAKER
HEX	HEAT EXCHANGER	VS	VENT STACK
HP	HORSEPOWER	VTR	VENT THROUGH ROOF
HS	HAND SINK		
HST	HOT WATER STORAGE TANK (DOMESTIC)		
HWB	HOT WATER BOILER	W	WASTE
HWCP	HOT WATER CIRCULATING PUMP	WC	WATER CLOSET
HWP	HOT WATER PUMP	WCO	WALL CLEANOUT
HYD	HYDRANT	WG	WATER GAGE
		WH	WALL HYDRANT
		WH	WATER HEATER
		WHA	WATER HAMMER ARRESTER
		WL	WATER LINE
INV	INVERT	WM	WATER METER
IPC	INTERNATIONAL PLUMBING CODE	WPD	WATER PRESSURE DROP
IRW	IRRIGATION WATER	WS	WASTE STACK
IW	INDIRECT WASTE		
IWH	INSTANTANEOUS WATER HEATER		
KW	KILOWATT		
KWHR	KILOWATT-HOUR		

<div>Revisions</div>	<div>Date</div>		Approved: Energy Engineer	Approved: Safety Manager	Approved: Service Chief	Drawing Title P-001 PLUMBING ABBREVIATIONS	Project Title UPGRADE WATER DISTRIBUTION			Date 05-25-12	Veterans Affairs
				Approved: Infection Control Officer	Approved: Chief of Staff					Project No. 658-12-104	
				Approved: GEMS Coordinator	Approved: Associate Director	Approved: Chief of Facility Management Svc.	Building Number	Checked EBC	Drawn WBJ	DRAWING NO. 2559	
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