



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	LOW	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 ENVIRONMENTAL PROTECTION AGENCY	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
EWG	ELECTRIC WATER COOLER	RDL	ROOF DRAIN LEADER
EW	ELECTRIC WATER HEATER	RL	ROOF LEADER
EWH	ELECTRIC WATER HEATER	RWL	RAIN WATER LEADER
EWS	EYE WASH STATION		
EX	EXISTING	SAN	SANITARY SEWER
		SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
F	FAHRENHEIT	SCFM	STANDARD CUBIC FOOT/MINUTE
FCO	FLOOR CLEANOUT	SDMH	STORM DRAIN MANHOLE
FCW	FILTERED COLD WATER	SP	SUMP PUMP
FD	FLOOR DRAIN	SPR	SPRINKLER LINE
FDC	FIRE DEPARTMENT (HOSE) CONNECTION	SF	SQUARE FEET
FM	FLOW METER	SS	STAINLESS STEEL
FS	FLOW SWITCH	SW	STORM WATER
GAL	GALLON	TYP	TYPICAL
CCO	GRADE CLEANOUTS	UPC	UNIFORM PLUMBING CODE
GPD	GALLONS PER DAY		
GPH	GALLONS PER HOUR	V	VENT
GPM	GALLONS PER MINUTE	VAC	VACUUM
GPR	GAS PRESSURE REGULATOR	VB	VACUUM BREAKER
GRS	GAS REGULATOR STATION	VS	VENT STACK
GT	GREASE TRAP	VTR	VENT THROUGH ROOF
GVTR	GAS VENT THROUGH ROOF		
GWH	GAS FIRED WATER HEATER	W	WASTE
		WC	WATER CLOSET
H&CW	HOT AND COLD WATER	WCO	WALL CLEANOUT
HB	HOSE BIBB	WG	WATER GAGE
HD	HUB DRAIN	WH	WALL HYDRANT
HEX	HEAT EXCHANGER	WH	WATER HEATER
HP	HORSEPOWER	WHA	WATER HAMMER ARRESTER
HS	HAND SINK	WL	WATER LINE
HST	HOT WATER STORAGE TANK (DOMESTIC)	WM	WATER METER
HWB	HOT WATER BOILER	WPD	WATER PRESSURE DROP
HWCP	HOT WATER CIRCULATING PUMP	WS	WASTE STACK
HWP	HOT WATER PUMP		
HYD	HYDRANT		
INV	INVERT		
IPC	INTERNATIONAL PLUMBING CODE		
IRW	IRRIGATION WATER		
IW	INDIRECT WASTE		
IWH	INSTANTANEOUS WATER HEATER		
KW	KILOWATT		
KWHR	KILOWATT-HOUR		

Approved: Energy Engineer	Approved: Safety Manager	Approved: Service Chief	Drawing Title PLUMBING ABBREVIATIONS	Project Title UPGRADE WATER DISTRIBUTION	Date 04-02-12
	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 NDRTH SITE	Checked EBC
			Approved: Medical Center Director	Drawn WBJ	DRAWING NO. P-001 2559
				Location V.A.M.C. SALEM 24153	Dwg. 20 of 22

Revisions	Date