PLUMBING ABBREVIATIONS

DIV.	SYMBOL	DESCRIPTION
A	A	COMPRESSED AIR
	AAV	AUTOMATIC AIR VENT
	AC	AIR CHAMBER
	ACU	AIR CONDITIONING UNIT
	ACC	AIR COOLED CONDENSER
	ACV	AUTOMATIC CONTROL VALVE
	AD	AREA DRAIN
	AFF	ABOVE FINISHED FLOOR
	ANC	ANCHOR
	ANV	ANGLE VALVE
	AP	ACCESS PANEL
	AQ	AQUASTAT
	ATC	AUTOMATIC TEMPERATURE CONTROL
	ATV	ATMOSPHERIC VENT (STEAM OR HOT WATER)
	AV	ACID VENT PIPING, CHEMICAL RESISTANT
	AW	ACID WASTE PIPING, CHEMICAL RESITANT
B	BAL	BALANCE
	BF	BELOW FLOOR
	BFP	BACKFLOW PREVENTER
	BFV	BUTTERFLY VALVE
	BG	BELOW GRADE
	BLDG	BUILDING
	BOP	BOTTOM OF PIPE
	BPW	BIO-PURE WATER
	BR	BRANCH
	BS	BELL & SPIGOT
	B/S	BATH/SHOWER
	BTC	BRANCH TO CONNECTION
	BTM	BOTTOM
	BV	BALL VALVE
	BWV	BACKWATER VALVE
C	CD	CONDENSATE DRAIN
	CFH	CUBIC FEET PER HOUR
	CFM	CUBIC FEET PER MINUTE
	CI.	CAST IRON
	CLG	CEILING
	CO	CLEANOUT
	CPLG	COUPLING
	CRP	CHEMICAL RESISTANT PIPE
	CS	CLINICAL SINK
	CU	COPPER (TUBE/PIPE)
	CV	CHECK VALVE
	CW	COLD WATER, DOMESTIC
	CX	CONNECTION TO EXISTING
	C/C	CUT AND CAP TO THIS POINT
D	D	DRAIN
	DA	DENTAL AIR
	DB	DIALYSIS (UTILITY) BOX
	DCO	DOUBLE CLEANOUT
	DFU	DRAINAGE FIXTURE UNIT
	DE	DEIONIZED WATER
	DEG	DEGREE FAHRENHEIT
	DI	DISTILLED WATER
	DIA	DIAMETER
	DL	DRAIN LINE
	DN	DOWN
	DOR	DIESEL OIL RETURN
	DOS	DIESEL OIL SUPPLY
	DS	DOWNSPOUT (EXTERIOR)
	DU	DIELECTRIC UNION
E	ECC	ENGINEERING CONTROL CENTER
	ECO	EXTERIOR CLEANOUT
	EL.	ELEVATION
	ELEV.	ELEVATION
	EMERG	EMERGENCY
	EV	ANESTHESIA EVACUATION
	EWC	ELECTRIC WATER COOLER
	EWT	ENTERING WATER TEMPERATURE
	EX	EXISTING
	EXH	EXHAUST
	EXP JT	EXPANSION JOINT

DIV.	SYMBOL	DESCRIPTION
F	F	FIRE PROTECTION WATER MAIN SUPPLY
	FA	FIRE ALARM
	FC	FLEXIBLE CONNECTION
	FCO	FINISHED FLOOR CLEANOUT
	FCU	FAN COIL UNIT
	FD	FLOOR DRAIN
	FDC	FIRE DEPARTMENT CONNECTION
	FDV	FIRE DEPARTMENT VALVE
	FH	FIRE HYDRANT
	FHC	FIRE HOSE CABINET
	FHR	FIRE HOSE RACK
	FHV	FIRE HOSE VALVE
	FL	FLOW LINE
	FLG	FLANGE
	FLR	FLOOR
	FPM	FEET PER MINUTE
	FPT	FEMALE PIPE THREAD
	FOR	FUEL OIL RETURN
	FOS	FULE OIL SUPPLY
	FOV	FUEL OIL VENT
	FR	FIRE RISER
	FS	FIRE SPRINKLER
	FS	FLOW SWITCH
	FT	FEET
	FTG	FITTING
	FU	FIXTURE UNIT
	FV	FLUSH VALVE
G	G	GAS, NATURAL (LOW PRESSURE)
	GAL	GALLON
	GALV	GALVANIZED
	GC	GAUGE COCK
	G.C.	GENERAL CONTRACTOR
	GLV	GLOBE VALVE
	GPH	GALLONS PER HOUR
	GPM	GALLONS PER MINUTE
	GPR	GAS PRESSURE REGULATOR
	GV	GATE VALVE
H	HB	HOSE BIBB (INTERIOR)
	HD	HUB DRAIN
	HP	HORSEPOWER
	HPG	HIGH PRESSURE GAS, NATURAL
	HPS	HIGH PRESSURE STEAM
	HV	HEATING AND VENTILATING
	HVAC	HEATING, VENTILATING AND AIR CONDITIONING
	HW	HOT WATER (SUPPLY), DOMESTIC
	HWC	HOT WATER CIRCULATING, DOMESTIC
	HWR	HOT WATER RETURN, DOMESTIC
I	IPS	IRON PIPE SIZE
	INL	INLET
	INV	INVERT (ELEV/FLOW LINE)
	IW	INDIRECT WASTE
L	LA	LABORATORY (COMPRESSED) AIR
	LAV	LAVATORY
	LBS/HR	POUNDS PER HOUR
	LPS	LOW PRESSURE STEAM
	LV	LABORATORY VACUUM
	LWT	LEAVING WATER TEMPERATURE
M	MA	MEDICAL (COMPRESSED) AIR
	MAX	MAXIMUM
	ME	MEDICAL EVACUATION
	MGAP	MEDICAL GAS ALARM PANEL
	MH	MANHOLE
	M.I.	MALLEABLE IRON
	MIN	MINIMUM
	MPG	MEDIUM PRESSURE GAS, NATURAL
	MPS	MEDIUM PRESSURE STEAM
	MPT	MALE PIPE THREAD
	MS	MOP SINK
	MV	MEDICAL VACUUM

DIV.	SYMBOL	DESCRIPTION
N	NC	NORMALLY CLOSED
	NH	NO-HUB (CAST IRON)
	NO	NORMALLY OPEN
	N	NITROGEN
	N2O	NITROUS OXIDE
	NOM	NOMINAL
O	O	OXYGEN
	OA	OUTSIDE AIR
	OE	ORAL EVACUATION
	OSD	OPEN SITE DRAIN
	OS&Y	OUTSIDE SCREW AND YOKE
	OH	OVERHEAD
P	P	PUMP, PUMPED DISCHARGE
	PBPU	PREFABRICATED BEDSIDE PATIENT UNIT
	PD	PRESSURE DROP
	PG	PRESSURE GAUGE
	PLBG	PLUMBING
	PRV	PRESSURE REDUCING VALVE
	PS	PRESSURE SWITCH
	PSI	POUNDS PER SQUARE INCH (GAUGE)
R	R	RISE, RISER
	(R)	RELOCATE OR RELOCATED
	RA	RETURN AIR
	RD	ROOF DRAIN
	RG	REAGENT GRADE WATER
	RES	RESIDUAL (PRESSURE)
	RL	RAIN LEADER
	RO	REVERSE OSMOSIS WATER
	RV	RELIEF VALVE, PRESSURE
	RX	REMOVE EXISTING
S	S	SANITARY WASTE
	SA	SUPPLY AIR
	SC	SILLCOCK (EXTERIOR)
	SD	STORM DRAIN (INTERIOR)
	SHR	SHOWER
	SP	STATIC PRESSURE (PSIG)
	SP	SPRINKLER PIPE, FIRE
	SS	SERVICE SINK
	S.S.	STAINLESS STEEL
	SSD	SUB-SOIL (FRENCH) DRAIN
	SV	SOLENOID VALVE (ELECTRIC)
	S.V.	SERVICE WEIGHT (CAST IRON)
	SW	SOFT WATER, DOMESTIC COLD
T	T	THERMOSTAT
	TPR	TEMPERATURE AND PRESSURE RELIEF
	TDH#	TOTAL DYNAMIC HEAD (PSIG)
	TDH'	TOTAL DYNAMIC HEAD (FEET)
	TH	THERMOMETER
	___F.S	TEMPERED HOT WATER SUPPLY
	___F.R	TEMPERED HOT WATER RETURN
	TMV	THERMOSTATIC MIXING VALVE
	TOP	TOP OF PIPE
	TW	TEMPERED WATER
U	UB	UTILITY BOX
	UH	UNIT HEATER
	UN	UNION
V	V	VENT, SANITARY
	VC	VACUUM CLEANING
	VOL	VOLUME
	VTR	VENT THROUGH ROOF
W	W	WASTE, SANITARY
	WC	WATER CLOSET
	WCL	WHEEL CHAIR LAVATORY
	WCO	WALL CLEANOUT, FINISHED
	WF	WALL FAUCET
	WH	WALL HYDRANT
	WHA	WATER HAMMER ARRESTER
	WM	WATER METER
Y	YH	YARD HYDRANT

PLUMBING SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
SS	SANITARY SOIL/WASTE		BACKFLOW PREVENTER
SV	SANITARY VENT PIPE		GAS PLUG VALVE
SD	STORM DRAIN PIPE		COMB. BALANCE/SHUT-OFF
CRP	CHEM. RESIST. PIPE		RELIEF VALVE
	DOM. COLD WATER PIPE		FIRE APPARATUS CABINET
	DOM. HOT WATER PIPE		FIRE SPRINKLER-UPRIGHT
	DOM. HOT WATER RETURN		FIRE SPRINKLER-PENDENT
TW	TEMPERED WATER		FIRE SPRINKLER-SIDEWALL
I	ICE WATER (DRINKING)		ROOF DRAIN (RD)
IWRC	ICE WATER RETURN CIRC.		FLOOR DRAIN (FD)
F	FIRE LINE		PRESS. RED. VALVE (PRV)
FS	FIRE SPRINKLER PIPE		PRESS. REGULATING VALVE
G	GAS PIPE (NATURAL)		CLEANOUT (EXPOSED) CO
MA	MEDICAL AIR		CLEANOUT (IN FLOOR) FCO
LA	LABORATORY AIR		CLEANOUT (IN WALL) WCO
DA	DENTAL AIR		CONCENTRIC INCREASER
SA	SHOP AIR		ECCENTRIC INCREASER
MV	MEDICAL VACUUM		UNION
LV	LABORATORY VACUUM		PIPE ANCHOR
OE	ORAL EVACUATION		EXPANSION JOINT
O	OXYGEN (MEDICAL)		STRAINER
NO	NITROUS OXIDE	P	PRESSURE GAUGE W/COCK
N	NITROGEN		THEMOMETER
EV	ANESTHESIA EVACUATION		AUTOMATIC AIR VENT
RG	REAGENT GRADE WATER	WH	WALL HYDRANT
RO	REVERSE OSMOSIS	HB	HOSE BIBB
ATV	ATMOSPHERIC VENT	SC	SILLCOCK
PD	PUMP DISCHARGE LINE		CAP OR PLUG
FOS	FUEL OIL SUPPLY		DROP OR RISE
FOR	FUEL OIL RETURN		BRANCH OUT OF TOP
FOV	FUEL OIL VENT		BRANCH OUT OF BOTTOM
SR	SILVER RECOVERY		NEW CONNECT. TO EXIST.
	GATE VALVE (GV)		VENT THRU ROOF (VTR)
	GLOBE VALVE (GIV)	DS	DOWNSPOUT
	BALL VALVE (BV)	FR	FIRE RISER
	CHECK VALVE (CV)	CI	CAST IRON
	AUTO GAS SHUTOFF VALVE	RL	RAIN LEADER
	PRESS/TEMP RELIEF VALVE	EX	EXISTING
FS	WATER FLOW SWITCH	(R)	RELOCATE/RELOCATED
	VALVE IN RISER	FDV	FIRE DEPARTMENT VALVE
D			OUTSIDE SCREW & YOKE
CP	COPPER TUBING FOR PRESSURE SENSORS		LISTED INDICATING VALVE
		PIV	POST INDICATING VALVE
			PITCH DIRECTION

"ISSUED FOR BIDS"- FULLY SPRINKLERED

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STATE OF TEXAS J. DAVID McCOY 36850 REGISTERED PROFESSIONAL ENGINEER 12.16.2011

Burns, DeLatte & McCoy, Inc. Texas Registered Engineering Firm F-685

ARCHITECT/ENGINEERS:

WILSON ARCHITECTURAL GROUP
5051 WESTHEIMER, SUITE 1600 HOUSTON, TEXAS 77056 TELEPHONE (713) 622-6774

MEP ENGINEERS	BURNS DeLATTE AND McCOY, INC.
STRUCTURAL ENGINEERS	PINNACLE STRUCTURAL
FIRE PROTECTION ENGINEERS	PROTECTION DEVELOPMENT INC.
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