

ABBREVIATIONS		CONDUCTOR TYPE		MOTOR CONTROL TYPE								CONTROL TYPE												
DC	LOCAL DISCONNECT	EC	ELECTRICAL CONTRACTOR	CS	COMBINATION STARTER	TC	TIMELOCK																	
MC	MOTOR CONTROL (POWER)	EX	EXISTING	MCC	MOTOR CONTROL STARTER	CPT	CONTROL POWER TRANSFORMER																	
CN	CONTROLS	DUST	DUST SMOKE DETECTOR	FBE	MAGNETIC STARTER OR CONTACT	BUL	BUILDING AUTOMATION SYSTEM																	
NC	NON-CONTACT SWITCH	GC	GENERAL CONTRACTOR	MS	MANUAL STARTER	LW	LOW VOLTAGE CONTROLS																	
CIB	H.A.C.R. CIRCUIT BREAKER AT SERVICE PANELBOARD	GWC	HYDRAULIC CONTRACTOR	MSV	VARIABLE FREQUENCY DRIVE	LINE	LINE VOLTAGE CONTROLS																	
RSE	OPERATING FULL LOAD AMPS (VERIFIED FIELD RATING)	MFR	MANUFACTURER	MSR	MANUAL STARTER W/ MOTOR CONTROL	FLNE	REVERSE ACTING LINE VOLTAGE THERMOSTAT																	
CP	CORD AND PLUG CONNECTION	OR	OWNER OR OTHERS	OPR	OVERRIDE PROTECTION	FA	FIRE ALARM																	
						CO	CARBON MONOXIDE SENSOR																	
						INT	INTEGRAL TO EQUIPMENT																	
EQUIPMENT MARK	DESCRIPTION	VOLTS (V)	PHASE	EMERGENCY	BHP (HP)	HP (HP)	HTG KW (kW)	WATTS (W)	FLA (A)	MCA (A)	OCF (A)	DC TYPE	DC FURN	DC INST	DC WIRE	MC TYPE	MC MFR	MC INST	MC WIRE	LINE	PC	CN FURN	CN INST	CN WIRE
WH1	HOT WATER RECIRCULATING PUMP	120	1			1/40			52				EC	EC	EC	MG	MFR	MFR	MFR	LINE	PC	PC	PC	PC
DP1	DOMESTIC ELECTRIC WATER COOLER	120	1										EC	EC	EC	MG	MFR	MFR	MFR	LINE	MFR	MFR	MFR	MFR
CH1	DOMESTIC ELECTRIC TANK TYPE WATER HEATER	120	1				2						EC	EC	EC	MG	MFR	MFR	MFR	LINE	PC	PC	PC	PC

MARK	DESCRIPTION	MANUFACTURER	MODEL	VALVE/FAUCET MFGOR	VALVE/FAUCET MODEL	CV SIZE (in)	HW SIZE (in)	SAN SIZE (in)	VENT SIZE (in)	TRAP SIZE (in)	INT TRAP	ACCESSORIES
DH1	DOMESTIC ELECTRIC WATER HEATER	MURDOCK	A172-U8-BF			1/2		1-1/2	1-1/2	---	NO	FURNISH STD. CABINET FINISH FOUNTAIN, SUPPLY STOP & TUBE, DRAIN KIT, AND WALL HANGER KIT
EL1	EXPANSION TANK	WATTS	PLT-5			3/4						FDA APPROVED, TUBER FREE WATER EXPANSION TANK, 2.1 GALLON ACCEPTANCE.
LV1	LAVATORY	ZURN	Z5344	ZURN	286500-XL	1/2	1/2	1-1/2	1-1/2	1-1/2	NO	FURNISH LAVATORY, LEAD FREE METRIC FAUCET, WALL HANGER KIT, SUPPLY STOPS & TUBES, DRAIN, AND GAS PIPING PROTECTION. PROVIDE ASSE 100 VALVES.
MS1	MOP SINK	ZURN	Z1996-36	ZURN	2843MI	1/2	1/2	3	1-1/2	3	NO	FURNISH VACUUM BURNER, HOSE AND BRACKET, MOP HANGER, AND DRAIN KIT.
WC1	TANK WATER CLOSET	ZURN	Z5560			1/2	---	3	2	---	YES	FURNISH A CLOSET & TANK, ADA OPEN FRONT SEAT, SELF SUSTAINING HINGE, FLOOR FLANGE, CROSET BOLS & CAPS, WAX RING, SUPPLY STOP & TUBE, FLUSH ROSE. MUST BE LOCATED ON THE WIDE ACCESS SIDE OF THE WC. (SIDE OPPOSITE THE WALL.)

MARK	DESCRIPTION	MANUFACTURER	MODEL	EFFICIENCY	EWT (DEG F)	LWT (DEG F)	STORAGE (GAL)	FUEL	HTC KW	VOLTS	PHASE	WEIGHT	ACCESS
WH1	DOMESTIC ELECTRIC TANK-TYPE WATER HEATER	BRADFORD	RE110U6	98	56	140	10	ELECTRIC	120		1	30	PROVIDE WITH T & P RELIEF VALVE AND INTEGRAL HEAT TRAPS

STANDARD PLUMBING ABBREVIATIONS			
AAD	AIR ADMITTANCE VALVE	HW	DOMESTIC HOT WATER
AV	AREA DRAIN	HW	HOT WATER RETURN
AFB	ABOVE FINISHED FLOOR	IC	INVERT ELEVATION
AF	ABOVE FINISHED GRADE	INCH	INTERIOR COLUMN
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	KW	KILOWATT
APPROX	APPROXIMATE	KWH	KILOWATT HOUR
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS	LPG	LIQUID PROPANE GAS
AV	ACID VENT	LAB	LABORATORY
AW	ACID WASTE	MAU	MAKEUP AIR UNIT
BS	BUILDING AUTOMATION SYSTEM	MAX	MAXIMUM
BP	BACKFLOW PREVENTER	MBH	1000 BTUH
BATU	BATH TUB	MH	MANHOLE
BTU	BRITISH THERMAL UNIT	MIN	MINIMUM
CUH	BRITISH THERMAL UNIT PER HOUR	MOCP	MAXIMUM OVERCURRENT PROTECTION
BWV	BATH WATER VALVE	MS	MO SINK
CA	COMPRESSED AIR	MV	MIXING VALVE
CB	CATCH BASIN	N	NITROGEN
CF	CUBIC FEET PER HOUR	NC	NORMALLY CLOSED
CFM	CUBIC FEET PER MINUTE	NIC	NOT IN CONTRACT
CO	CAST IRON	NO	NITROUS OXIDE
CO	CLEAN OUT	NOM	NOMINAL
CO ₂	CARBON DIOXIDE	NTS	NOT TO SCALE
CIP	CIRCULATION PUMP	O	OXYGEN
OW	DOMESTIC COLD WATER	OCP	OVER CURRENT PROTECTION
DF	DRINKING FOUNTAIN	OD	OVERSIZED DRAIN
DIA	DIAINED WATER	OI	OIL INTERCEPTOR
D	DIAMETER	PL	PLUMBING CONTRACTOR
DN	DOWN	PRV	PRESSURE REGULATING VALVE
DS	DOWNSPOUT	PSI	POUNDS PER SQUARE INCH
DSN	DOWNSPOUT NOZZLE	RD	ROOF DRAIN
EC	ELECTRICAL CONTRACTOR	RH	ROOF DRAIN
EW	EXPANSION TANK	RO	REVERSE OSMOSIS
EWC	ELECTRIC WATER COOLER	RPZ	REDUCED PRESSURE ZONE VALVE
EW	ELECTRIC WATER HEATER	RU	ROOF UNIT
EW	EXISTING	S	SANITARY
F	FAHRENHEIT	S	SOLIDS INTERCEPTOR
FCO	FLOOR CLEAN OUT	SINK	SINK
F	FLOOR DRAIN	SO	SOFT WATER
FFE	FINISHED FLOOR ELEVATION	SPEC	SPECIFICATION
FL	FLOOR SINK	SQ FT	SQUARE FOOT (FEET)
FLA	FLOOR AMPERES	ST	STORM PIPING
FS	FEET	TD	TRENCH DRAIN
FT	FEET	TEMP	TEMPERATURE
FW	FILTERED WATER	TMV	THERMOSTATIC MIXING VALVE
G	GALLONS	TR	TRAP PRIMER
GC	GRADE CLEAN OUT	U	UNIT
GWH	GAS FIRED WATER HEATER	UR	URINAL
GI	GRATE INTERCEPTOR	VAC	VACUUM
GPH	GALLONS PER DAY	VAC	VARIABLE FREQUENCY DRIVE
GPH	GALLONS PER HOUR	VTR	VENT THRU ROOF
GPM	GALLONS PER MINUTE	WAGD	WASTE GAS DRAIN
GPR	GAS PRESSURE REGULATOR	WB	WASHER BOY
GW	GREASE WASTE	WC	WATER CLOSURE
H	HOT & COLD WATER	WAL	WALL CLEAN OUT
HC	HOSE BIBB	WH	WALL HYDRANT
HVAC	HVAC CONTRACTOR	WF	WATER FILTER
HD	HUB DRAIN	YH	YARD HYDRANT
HP	HORSEPOWER		

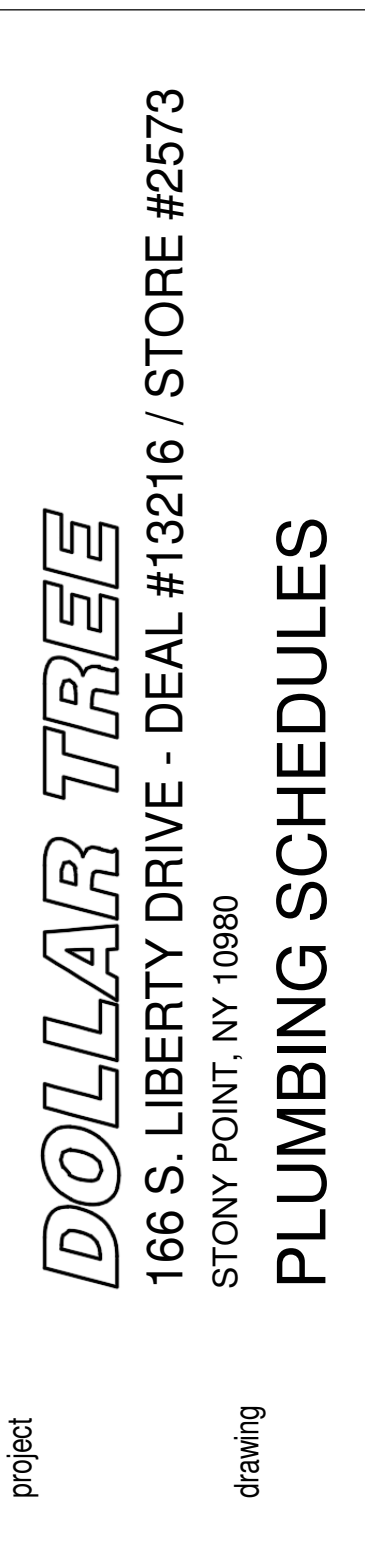
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KLH PROJECT 24211