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GAS FIRED WATER HEATER SCHEDULE

MARK	LOCATION	MANUFACTURER/ MODEL	AREA SERVED	EFFICIENCY (%)	CAPACITY (GAL)	ELECTRICAL	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	FLUE SIZE (IN)	AIR INTAKE (IN)	GAS RUNOUT (IN)	WATER RUNOUT (IN)	RECOVERY @ 100°F RISE (GPH)	DIMENSIONS (øxH) (INxIN)	OPERATING WEIGHT (LBS)	REMARKS
						V/ø										
DWH-1	MEZZANINE	AO SMITH / BTH	DOMESTIC HOT WATER	95	60	120 / 1	120	192	3"	3"	1/2"	1-1/2"	138	28x56	940	NOTE 1
NOTES: 1. INSTALL ON 4" HOUSEKEEPING PAD																

EXPANSION TANK SCHEDULE

MARK	LOCATION	SYSTEM SERVED	MANUFACTURER/ MODEL	FLUID TYPE	TANK SIZE	TANK VOLUME (GAL)	ACCEPTANCE VOLUME (GAL)	SYSTEM CONN. (IN)	CHARGE PRESSURE (PSIG)	DIMENSIONS (DIA.xH) (INxIN)	WEIGHT (LBS)	REMARKS
ET-1	MEZZANINE	DOMESTIC HOT WATER	AMTROL / THERM-X-TROL	WATER	ST-12C	6.4	3.2	3/4"	12	12x19	40	NOTE 1
NOTES: 1. SUPPORT FROM WALL.												

PUMP SCHEDULE

MARK	LOCATION	SYSTEM SERVED	MANUFACTURER/ MODEL	TYPE	SIZE	FLOW (GPM)	HEAD (FT)	FLUID	ELECTRICAL			RUN OUT SIZE (IN)	REMARKS
									BHP (HP)	MOTOR (HP)	V/ø		
DWCP-1	MEZZANINE	DOMESTIC WATER CIRC	ARMSTRONG / E	CIRCULATION	E7B	2	15	WATER	0.01	1/12	120 / 1	1-1/4"	NOTE 1, 2
NOTES 1. PROVIDE SUCTION STRAINER. 2. PUMP SHALL BE BRONZE CONSTRUCTION RATED FOR DOMESTIC WATER USE.													

PLUMBING FIXTURE AND DRAIN CONNECTION SCHEDULE

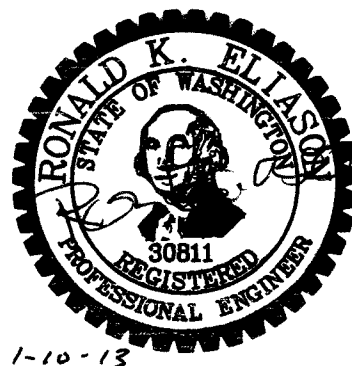
MARK	FIXTURE TYPE	WASTE (IN)	VENT (IN)	CW (IN)	HW (IN)	AIR (IN)	GAS (IN)	REMARKS
WC-1	WATER CLOSET, WALL HUNG	4"	2"	1-1/4"	-	-	-	NOTE 1
WC-1A	WATER CLOSET, WALL HUNG	4"	2"	1-1/4"	-	-	-	NOTE 1
WC-2	WATER CLOSET, FLOOR MOUNT	4"	2"	1-1/4"	-	-	-	NOTE 1
U-1	URINAL	2"	1-1/2"	1"	-	-	-	NOTE 1
L-1	LAVATORY - COUNTER MOUNTED	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
L-2	LAVATORY - WALL HUNG	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
S-1A	SINK	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
S-1	SINK	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
S-2	SINK	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
S-3	SINK	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
SH-1	SHOWER	2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
DF-1	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1/2"	-	-	-	NOTE 1
FD-1	FLOOR DRAIN	NOTE 4	NOTE 4	1/2"	-	-	-	NOTE 3
FFD-1	FUNNEL FLOOR DRAIN	NOTE 4	NOTE 4	1/2"	-	-	-	NOTE 3
FS-1	FLOOR SINK	NOTE 4	NOTE 4	1/2"	-	-	-	NOTE 3
TP-1	ELECTRONIC TRAP PRIMER	-	-	1/2"	-	-	-	NOTE 2
HB-1	HOSEBIBB - INTERIOR HOT & COLD HOSEBIBB	-	-	3/4"	-	-	-	
HB-2	HOSEBIBB - INTERIOR HOSEBIBB	-	-	3/4"	-	-	-	
HB-3	HOSEBIBB - FREEZEPROOF ROOF HYDRANT	-	-	3/4"	-	-	-	
A-1	AIR OUTLET - TURRET	-	-	-	-	3/4"	-	NOTE 2
A-2	AIR OUTLET - QUICK CONNECT	-	-	-	-	3/4"	-	NOTE 2
ESEW-1	EMERGENCY SHOWER EYE WASH	-	-	1-1/4"	1-1/4"	-	-	NOTE 5
RD-1	ROOF DRAIN	-	-	-	-	-	-	NOTE 6
ORD-1	OVER FLOW ROOF DRAIN	-	-	-	-	-	-	NOTE 6
ORDN-1	OVER FLOW ROOF DRAIN NOZZLE	-	-	-	-	-	-	NOTE 6
SB-1	CLOTHES WASHER SERVICE OUTLET	1-1/2"	1-1/2"	1/2"	1/2"	-	-	NOTE 1
SB-2	ICE MAKER WATER SERVICE OUTLET	-	-	1/2"	-	-	-	
SB-3	REFRIGERATOR WATER SERVICE OUTLET	-	-	1/2"	-	-	-	
G-1	GAS TURRET	-	-	-	-	-	1/2"	NOTE 6
NOTES: 1. ADA COMPLIANT. MOUNTING HEIGHT AS INDICATED ON ARCHITECTURAL DRAWINGS. 2. PROVIDE TRAP PRIME ASSEMBLY WITH NUMBER OF PORTS REQUIRED TO SERVE ADJACENT DRAINS. 3. CW CONNECTION VIA TRAP PRIMER. VENT 1/2 SIZE OF WASTE OR 1-1/2" WHICHEVER IS LARGER. 4. SIZE AS NOTED ON DRAWINGS. VENT SHALL BE MINIMUM 1-1/2" OR HALF SIZE OF WASTE, WHICHEVER IS LARGER. 5. PROVIDE THERMOSTATIC MIXING VALVE. INSTALL PER MANUFACTURERS RECOMMENDATIONS. 6. SIZE AS NOTED ON DRAWINGS.								

AIR COMPRESSOR SCHEDULE

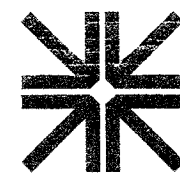
MARK	LOCATION	AREA SERVED	MANUFACTURER/ MODEL NO.	DESCRIPTION	TYPE	ACFM	AIR PRESS (PSIG)	RECEIVER SIZE (GAL)	DIMENSIONS (LxWxH) (IN)	MOTOR		OPERATING WEIGHT (LBS)	REMARKS
										HP	V/ø		
AC-1	MEZZANINE	WOOD LAB, LAB 2	QUINCY / QT-5	RECIPROCATING	2-STAGE	17.2	175	80	37x24x74	5	208 / 3	680	NOTE 1
NOTES 1. INSTALL ON HOUSEKEEPING PAD.													

COMPRESSED AIR DRYER SCHEDULE

MARK	LOCATION	SERVES	MANUFACTURER/ MODEL	TYPE	MINIMUM CAPACITY (SCFM)	INLET AIR PRESSURE (PSIG)	DEW POINT (°F)	PRESSURE DROP (PSID)	REFRIG.	V/ø	FLA	KW	DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)	REMARKS
AD-1	MEZZANINE	AC-1	QUINCY / QPNC	REFRIG.	25	100	39	2.9	134A	120 / 1	4	0.3	21x14x20	70	NOTE 1
NOTES 1. MOUNT ON UNISTRUT SUPPORT ABOVE AIR COMPRESSOR.															



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1/10/2018

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SHEET NAME

MECHANICAL

SCHEDULES

SHEET

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