		L		<u> </u>	4					6		I			5	
	PIPE ELBOW TURNED DN PIPE ELBOW TURNED UP		GLOBE VALVE LOCKABLE BALL VALVE	F&T	STEAM TRAP (FLOAT & THERMOSTATIC INDICA T.T.= THERMOSTATIC T	ATED		EXPANSION LOOP EXPANSION LOOP (BRAIDED/MANUFACTUR	RED)		CHANGE IN ELEVATION (UP, DOWN, RISE OR DROF			DAMPER	S1 1	REGISTER, GRILLE & DIFFUSER TAG DIFFUSER, REGISTER OR GRILLE No. QUANTITY
	PIPING TEE DOWN	0 ↓⊽	PLUG VALVE	>	B.T.= BUCKET TRAP) PUMP ~ POINT OF			FLOOR DRAIN	,		SUPPLY DUCT TURNED UP	P/DN		ONNECTION	100 -	CFM AIR FLOW <u>FINTUBE TAG</u>
			2-WAY CONTROL VALVE		TRIANGLE INDICATES DIRECTION OF FLOW			SHOCK ABSORBER			RETURN DUCT TURNED UF	P/DN (T)		URE SENSOR OR AT (AS SPECIFIED)	FT-1	FINTUBE No. LENGTH
0 +C	PIPE RISER 45° ELBOW DOWN		3-WAY CONTROL VALVE	G	GAS SHUT-OFF VALVE		\odot	(WATER HAMMER ARRES	,		EXHAUST DUCT TURNED L			T OR HUMIDITY S SPECIFIED)	2.1	— GPM <u>VAV TAG</u>
	PIPING TO BE REMOVED	₩	LOCK & SHEILD VALVE	 	HOSE END DRAIN VALVE W/CAP		$\langle \gamma \psi \rangle$	FIRE DEPARTMENT CON	NNECTION		ROUND DUCT TURNED UP	2/DN	CARBON DI	OXIDE SENSOR	VAV-1	VAV No. MINIMUM CFM
		— N —	CHECK VALVE	·····································	TEMPERATURE/PRESS	URE	S	FREE STANDING FIRE DEPARTMENT CONNECT	TION		MITERED DUCT ELBOW	Co		ONOXIDE SENSOR	350 - 2.1 -	MAXIMUM CFM GPM GOUIDMENT TAC
¢	CAPPED BELOW FINISHED FLOOR	X	BALANCING VALVE CIRCUIT SETTER	Ū	TAP (PETE'S PLUG)		£	WATER GONG			W/TURNING VANES	AP	ACCESS PA		AHU 1	EQUIPMENT TAG TYPE DESIGNATOR NUMBER
		(V) 	AIR VENT ~ REFER TO SPECIFICATIONS		THERMOMETER WITH C	COCK		DUCTWORK ~ FIRST DIM			RADIUS DUCT ELBOW			KE DETECTOR		EQUIPMENT TAG (ON FLOOR/ROOF ABOVE)
<u>_</u>	ECCENTRIC REDUCER		STRAINER WITH BLOWDOW	VN	ORIFICE FLOWMETER		12x8S	SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST AIR, OA= O	5 1,					SUPPLY FAN		
, _	PIPE PITCHES DOWN	¥	VALVE AND CAP		DIFFERENTIAL PRESSU	JRE		F.O. = FLAT OVAL			DUCT/PIPE CAP (SINGLE/DOUBLE LINE)			FFUSER ~ 4-WAY BLOW		DETAIL REFERENCE SYMBOL
=		&	EXPANSION VALVE (AUTOMATIC)					ACCOUSTICAL LINING (D DIMENSION FOR NET FR AREA)			VOLUME DAMPER		CEILING DI	FFUSER ~ 3-WAY BLOW	A1	DETAIL No. SHEET DETAIL LOCATED ON
— — ——	EXPANSION JOINT PIPE ANCHOR	∑1	RELIEF/SAFETY VALVE		HUMIDIFIER (DUCT/AHU		<u></u>	DUCTWORK TO BE REMO	IOVED				CEILING DI	FUSER ~ 2-WAY BLOW		SECTION REFERENCE SYMBOL
	UNION		PRESSURE GAUGE WITH COCK		HOSE BIB/WALL HYDRA		F			FD	FIRE DAMPER			FUSER ~ CORNER BLOW	A1-	
	FLANGED CONNECTION	 	SIGHT GLASS PRESSURE REDUCING	O	FLOOR CLEANOUT			SINGLE LINE DUCTWOR	K		SMOKE DAMPER			TURN GRILLE HAUST GRILLE	MH-500	SHELT SECTION LOCATED ON
-2	BACKFLOW PREVENTER	PRV	VALVE	FC0	FUSIBLE LINK VALVE			DUCT TRANSITION							L	
	FLEXIBLE CONNECTION SHUT-OFF/ISOLATION VALVE	FS	FLOW SWITCH					SQUARE TO ROUND DUC TRANSITION	СТ	FSD FSD	FIRE AND SMOKE DAMPER	R 🕈	POINT OF C - EXISTING	ONNECTION TO NEW		
—×—	REFER TO SPECIFICATIONS GATE VALVE ~ OUTSIDE		SELF-CONTAINED TEMP. CONTROL VALVE WITH REMOTE SENSOR	wco	AQUASTAT			FLEX DUCT ~ DOUBLE LI	INE	<u>├──</u> ├ ──┤			DIRECTION	OF AIR FLOW		
	SCREW & YOKE (OS&Y)	7 7	REMOTE SENSOR					FLEX DUCT ~ SINGLE LIN	NE	BDD	BACKDRAFT DAMPER					
1 01	MBOLS LEGEND															
= 1'-0"																
						AAV	AUTOMATIC AIR VE	ENT	CU	COPPER; CONDENSING UNIT	GV	GRAVITY VENTILATOR	OBD	OPPOSED BLADE DAMPER	UH	UNIT HEATER
AW ATV -				DW PRESSURE CONDENSA ⁻ DW PRESSURE STEAM	TE	AC ACC	ABOVE CEILING AIR COOLED CONE	DENSER	CUH C.V.	CABINET UNIT HEATER CONTROL VALVE	н <u>НВ</u>	HUMIDIFIER HOSE BIBB	OD OED	OUTSIDE DIAMETER OPEN ENDED DUCT	UIC UIW	
———— BBD –	BOILER BEOTIBOTIN		—— ма—— МЕ	EDICAL AIR		ACU			CW	COLD WATER; CLOCKWISE		HANDICAP ACCESS	P-#	PLUMBING FIXTURE TAG	UV	UNIT VENTILATOR
C	CONDENSATE (HVAC DRAIN PAN)				· • ·		<i>-</i> -		D D							
	CONDENSATE			EDIUM PRESSURE CONDEN EDIUM PRESSURE STEAM	NSATE	ADA <u>AD</u>	AMERICANS WITH ACCESS DOOR	DISABILITIES ACT	DB DC	DRY BULB TEMPERATURE		HEIGHT HEAT PUMP	PD PRS	PUMPED DISCHARGE PRESSURE REDUCING STA	V TION VAC	VENT
— — — C — ——— CA —	CONDENSATE (HVAC DRAIN PAN)		—— мрз —— МЕ —— ми — МА	EDIUM PRESSURE STEAM AKE-UP WATER	NSATE	AE	ACCESS DOOR ACID EXHAUST	DISABILITIES ACT	DC DDC		HGT; HT HP	HEIGHT	PD	PRESSURE REDUCING STA	VE VB	VENT VACUUM VACUUM BREAKER
CA CHWR	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR		—— мрз —— МЕ —— ми —— МА —— N2 —— NIT	EDIUM PRESSURE STEAM	NSATE	ADA <u>AD</u> AE AW AFF; A.F.F	ACCESS DOOR ACID EXHAUST ACID WASTE		DC DDC DET DIA	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER	HGT; HT HP HRU HTR H&V	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION	PD PRS PRV RA RD	PRESSURE REDUCING STAT PRESSURE REDUCING VALV RETURN AIR ROOF DRAIN	VE VB VCFF VD	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL
CA CA CHWR CHWS CWR -	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER SUPPL CONDENSER WATER RE	Y ETURN	MPS ME MU MA N2 NIT NG NA NO NIT	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS	NSATE	AE AW	ACCESS DOOR ACID EXHAUST ACID WASTE	FLOOR	DC DDC DET	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL	HGT; HT HP HRU HTR H&V HVAC	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER	PD PRS PRV RA RD	PRESSURE REDUCING STAT PRESSURE REDUCING VALV RETURN AIR ROOF DRAIN	VE VB VCFF	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE
CA CA	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER SUPPLY	Y ETURN JPPLY	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN	NSATE	AE AW AFF; A.F.F AHU <u>AP</u> APPROX.	ACCESS DOOR ACID EXHAUST ACID WASTE . ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP	FLOOR IT PPROXIMATELY	DC DDC DET DIA DIC DIW DN	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE	HGT; HT HP HRU HTR H&V HVAC HW HWR	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND A	PD PRS PRV RA RD R COND. REC	PRESSURE REDUCING STAT PRESSURE REDUCING VAL RETURN AIR ROOF DRAIN RECOMMENDATION	VE VB VCFF VD VLV VS VTR	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF
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——— CA — ——— CHWR ——— CHWS ——— CWR - ——— CWS - ——— — ——— — ——— — ——— — — ——— — —	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER SUPPL CONDENSER WATER RE CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN PUMP FORCE MAIN	Y ETURN JPPLY R	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT OX OX PC PU PCWR PR PCWS PR RD RE RL RE	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT LIQUID	ŪRN	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMPI AIR VENT BALANCING COCK BACKDRAFT DAMF	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR	HGT; HT HP HRU HTR H&V HVAC HW HWR HWR HWS HX ID IN WG INCL.	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RETURN HEAT ING AND VENTILATION HOT WATER HOT WATER RETURN HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR	PRESSURE REDUCING STAT PRESSURE REDUCING VALU RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER
——— CA — ——— CHWR ——— CHWS ——— CWR - ——— CWS - ——— — ——— — ——— — ——— — ——— — ——— — ——— — ——— — —	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RE CONDENSER WATER RE CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN	Y ETURN JPPLY R	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT OX OX PC PU PCWR PR PCWS PR RD RE RL RE	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE	ŪRN PPLY	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMPI AIR VENT BALANCING COCK	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL	DC DDC DET DIA DIC DIW DN DS DT DV DWG	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING	HGT; HT HP HRU HTR H&V HVAC HW HWR HWR HWS HX ID IN WG INCL. INV. EL. IPS	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT ING AND VENTILATION A HOT WATER HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RN RV RW	PRESSURE REDUCING STAT PRESSURE REDUCING VALU RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER	VE VB VCFF VD VLV VS VTR W W/ WB WCO	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER
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——— CA — ——— CHWR ——— CHWS ——— CWR - ——— CWS - ——— CWS - ——— CWS - ——— D — ——— FM — ——— FOF - ——— FOF - ——— FOR - ——— FOR - ——— FOV - ——— FW — ——— FW —	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER SUPPL CONDENSER WATER RE CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN PUMP FORCE MAIN FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL TANK VENT	Y ETURN JPPLY R	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX PC PU PCWS PR RD RE RS RE RW RA SA SA SA SA	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC	TURN PPLY R E DVE FLOOR LOW GRADE /E FLOOR	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BF BFP BHP BLDG BOD	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL C PER ENTER WER	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ENC ER	DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST FAN EXHAUST FAN EXHAUST GRILLE ELEVATION ELONGATE	HGT; HT HP HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD LE-#	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-" ' BER SCV SD	PRESSURE REDUCING STAT PRESSURE REDUCING VALUE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED	VE VB VCFF VD VLV VS VTR W W/ WB W/ WB WCO WH WHYE Ø @	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT
——— CA — ——— CHWR ——— CHWS ——— CWS - ——— CWS - ——— CWS - ——— — ——— — ———— — ———— — ———— — ———— — ———— — ———— — ——————	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RE CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN PUMP FORCE MAIN FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE	Y ETURN JPPLY R	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SA SA SV SA	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - ABOV	TURN PPLY R E DVE FLOOR LOW GRADE /E FLOOR W GRADE	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BF BFP BHP BLDG BC BFP BHP C; CONV.	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT J BRITISH THERMAL CONVECTOR	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL C PER ENTER WER - - UNIT	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ENC ER ESP ET	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK 	HGT; HT HP HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD <u>LE-#</u> LP LPR LPS	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LIQUID PETROLEUM GAS LOW PRESSURE STEAM RETUR	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SD N SF Y SG	PRESSURE REDUCING STAT PRESSURE REDUCING VALA RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY GRILLE	VE VB VCFF VD VLV VS VTR W W/ WB W/ WB WCO WH WHYE Ø @	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT
	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RE CONDENSER WATER RE DOMESTIC COLD WATER DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN PUMP FORCE MAIN FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY	Y ETURN JPPLY R RECIRC.	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT OX OX PCWR PR PCWS PR RD RE RS RE RW RA NRW RA SA SA SA SA SV SA	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV	TURN PPLY R E DVE FLOOR LOW GRADE /E FLOOR W GRADE	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BF BFP BHP BLDG BOD B.T.U.; BTU	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL C PER ENTER WER - - UNIT WISE	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ELEV ELONG ENC ER ESP ET (E) F&T	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST FAN EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC 	HGT; HT HP HRU HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS KE-# LD LE-# LP LPR LPS MAX MBH	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATING AND VENTILATION HEATING, VENTILATING AND AN HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR LOW PRESSURE STEAM SUPPL	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' BER SCV SD N SF	PRESSURE REDUCING STAT PRESSURE REDUCING VALUE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN	VE VB VCFF VD VLV VS VTR W W/ WB W/ WB WCO WH WHYE Ø @	VENT VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER AT AND PERCENT
	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CONDENSER WATER RETUR CONDENSER WATER RETUR CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET	Y ETURN JPPLY R RECIRC. TURN	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA NRW RA SA SA SV SA SV SA SWS SO	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOW ANITARY WASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER SUPPLY	TURN PPLY R E DVE FLOOR LOW GRADE VE FLOOR W GRADE DMBINATION	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BDD BG BF BFP BHP BLDG BC BC BFP BHP C; CONV. CCW	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT J BRITISH THERMAL CONVECTOR COUNTER CLOCKV	FLOOR IT PROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER - - UNIT WISE URE	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ELEV ELONG ENC ER ESP ET (E) F&T	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST FAN EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING 	HGT; HT HP HRU HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD <u>LE-#</u> LP LPR LPS MAX MBH MFR	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUM LIQUID PETROLEUM GAS LOW PRESSURE STEAM RETUR LOW PRESSURE STEAM SUPPL	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SD N SA-"' SD SA-" SD SD SD SD SF T	PRESSURE REDUCING STAT PRESSURE REDUCING VALUE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S ("") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	VENT VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VENT STACK VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F VALL CLEANOUT WATER HEATER VALL HYDRANT DIAMETER AT AND PERCENT
—— CA — —— CHWR —— CHWS —— CWS - —— CWS - —— CWS - —— CWS - —— FM — —— FOF - —— FOF - —— FOR - —— H - —— H2 - —— HPWR —— HPWS —— HPC -	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER SUPPL CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SV SA SWS SO SWS SO SWS SO	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOW ANITARY WASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN	TURN PPLY R E DVE FLOOR LOW GRADE VE FLOOR W GRADE DMBINATION	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BDD BG BF BFP BHP BLDG BC BFP BHP C; CONV. CCW CFF CFM	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT J BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT	FLOOR IT PROXIMATELY COMMENDATIONS PERATURE CONTROL C PER ENTER WER - . UNIT WISE URE URE UNITE	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO FBP	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST FAN EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURE EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC FACE AND BYPASS FLEXIBLE CONNECTION 	HGT; HT HP HRU HRU HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS KE-# LD LE-# LD LE-# LP LPR LPS MAX MBH MFR MIN MOD	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR LOW PRESSURE STEAM SUPPL MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW SS SA-"' SQ. FT; SR	PRESSURE REDUCING STAT PRESSURE REDUCING VALVE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SF SQUARE FEET SUPPLY REGISTER	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT MATER HEATER VALL HYDRANT DIAMETER AT AND PERCENT
—— CA — —— CHWR —— CHWS —— CWS - —— CWS - —— CWS - —— CWS - —— FM — —— FOF - —— FOF - —— FOR - —— HPWR —— HPWR —— HPWR —— HPWS —— HPWS —— HPWS —— HPWR	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CONDENSER WATER RET CONDENSER WATER RET CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DRAIN PUMP FORCE MAIN FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER SUF HIGH PRESSURE STEAM HIGH PRESSURE STEAM	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE	MPS ME MU MA N2 NIT NG NA NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RL RE RW RA SA SA SV SA SV SA SV SA SV SA SV SA SV SA MSWR SO SWR SO TP TR TVR TE	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR AIN WATER - BELOW GRADE ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOW ANITARY SOIL VENT - BELOW ANITARY WASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOOP	TURN PPLY R E DVE FLOOR LOW GRADE VE FLOOR W GRADE OMBINATION	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BC BDD BG BF BFP BHP BLDG BFP BHP BLDG C; CONV. CCW CFF CFM CLG	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT J BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU	FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER - - UNIT WISE URE URE WINUTE	DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EF EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO FBP FC	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC FURNISHED BY OTHERS FACE AND BYPASS 	HGT; HT HP HRU HRU HTR H&V HVAC HW HWR HWR HWS ID INV.EL IPS KE-# LD LE-# LP LPR LPR LPR LPS MAX MBH MFR MIN MOD MPG	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AN HEATING, VENTILATING AND AN HOT WATER HOT WATER RETURN HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR IOW PRESSURE STEAM SUPPL MAXIMUM	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' BER SCV SD N SF Y SG SGL SHT SQ. FT;	PRESSURE REDUCING STAT PRESSURE REDUCING VALVE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SQUARE FEET	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT
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— CA — — CHWR — CHWS — CWR = — CWS = — CWS = — CWS = — CWS = — FOF = — FOF = — FOR = — H= — HPWR — HPWR — HPWS — HPC = — HWR =	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RE CONDENSER WATER RE DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER SUF HIGH PRESSURE STEAM HIGH PRESSURE STEAM HIGH-TEMP HOT WATER	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SV SA SVA SO SVA <td>EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY SOIL VENT - BELOV ANITARY SOIL VENT - BELOV ANITARY WASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN</td> <td>TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION</td> <td>AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BC BDD BG BF BFP BHP BLDG BFP BHP BLDG BFP BHP C C COV CFF CFM CLG CM CNTR</td> <td>ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AS PER MFR'S REC AUTOMATIC TEMP BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT CONNECT; CONNE</td> <td>FLOOR IT PROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER - - UNIT WISE URE URE URE MANAGER TER TOP ECTION</td> <td>DC DDC DET DIA DIC DIW DW DN DN DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO F&T FBO FBP FC FD-# FD</td> <td> DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN CHASE DOWN IN WALL DOWN IN WALL DOWN SPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC FURNISHED BY OTHERS FACE AND BYPASS FLEXIBLE CONNECTION FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR </td> <td>HGT; HT HP HRU HRU HRU HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD LE-# LD LE-# LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD</td> <td>HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE</td> <td>PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SG SA-"' SD SA-"' SD SA-"' SD SA-"' SD SA-"' SD SA-"' SD SD SD SD SD SD SD SD SD SD SD SD SD</td> <td>PRESSURE REDUCING STAT PRESSURE REDUCING VALX RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SF SQUARE FEET SUPPLY REGISTER SHUT-OFF STAINLESS STEEL TRENCH DRAIN TRANSFER GRILLE</td> <td>VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W</td> <td>VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT</td>	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY SOIL VENT - BELOV ANITARY SOIL VENT - BELOV ANITARY WASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN	TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION	AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BC BDD BG BF BFP BHP BLDG BFP BHP BLDG BFP BHP C C COV CFF CFM CLG CM CNTR	ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AS PER MFR'S REC AUTOMATIC TEMP BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT CONNECT; CONNE	FLOOR IT PROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER - - UNIT WISE URE URE URE MANAGER TER TOP ECTION	DC DDC DET DIA DIC DIW DW DN DN DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO F&T FBO FBP FC FD-# FD	 DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN CHASE DOWN IN WALL DOWN IN WALL DOWN SPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC FURNISHED BY OTHERS FACE AND BYPASS FLEXIBLE CONNECTION FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR 	HGT; HT HP HRU HRU HRU HRU HTR H&V HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD LE-# LD LE-# LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SG SA-"' SD SA-"' SD SA-"' SD SA-"' SD SA-"' SD SA-"' SD SD SD SD SD SD SD SD SD SD SD SD SD	PRESSURE REDUCING STAT PRESSURE REDUCING VALX RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SF SQUARE FEET SUPPLY REGISTER SHUT-OFF STAINLESS STEEL TRENCH DRAIN TRANSFER GRILLE	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT
— CA — — CHWR — CHWS — CWS = — FM = — FOF = — FOF = — FOR = — HPWR — HPWR — HPWR — HPVS — HPVS — HPVR — HPVS — HPVS — HPVS — HPVR — HPVS — HPVS — HPVR — HPVS — HVNS	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CONDENSER WATER SUPPL CONDENSER WATER SUPPL CONDENSER WATER SUPPL CONDENSER WATER SUPPL DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER SUP HIGH PRESSURE CONDE HIGH PRESSURE STEAM HIGH PRESSURE STEAM HOT WATER RETURN HOT WATER SUPPLY INDUSTRIAL WASTE INDIRECT WASTE LIQUID NITROGEN	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SV SA SVA SO SVA <td>EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY MASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN EMPERED WATER SUPPLY ACUUM (AIR) ACUUM CLEANING (HOUSE)</td> <td>TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION</td> <td> AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BFP BFP BHP BLDG BOD B.T.U.; BTU C; CONV. CCW CFF CFM CLG <u>CO</u> CM CNTR CONT. </td> <td>ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AIR VENT BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT</td> <td>FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER - - UNIT WISE URE URE URE MINUTE</td> <td>DC DDC DET DIA DIC DIW DW DN DS DT DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T FBO F&T FBO FBP FC FD-# FD</td> <td> DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWNSPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST FAN EXHAUST FAN ELONGATE ENCLOSURE EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXDANSION TANK EXISTING FLOAT AND THERMOSTATIC A FLOAT AND THERMOSTATIC A FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FINISH </td> <td>HGT; HT HP HRU HRU HRU HRV HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD LE-# LP LPR LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTG MUA N.C.</td> <td>HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR IOUW PRESSURE STEAM SUPPL MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE MOUNTED MOUNTED</td> <td>PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SQ. FT SQ. FT; SR SQ. FT; SR S/O S.S. TD TG</td> <td>PRESSURE REDUCING STAT PRESSURE REDUCING VALX RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SF SQUARE FEET SUPPLY REGISTER SHUT-OFF STAINLESS STEEL TRENCH DRAIN TRANSFER GRILLE TOP OF DUCT TRAP PRIMER</td> <td>VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W</td> <td>VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT</td>	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY MASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN EMPERED WATER SUPPLY ACUUM (AIR) ACUUM CLEANING (HOUSE)	TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION	 AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BFP BFP BHP BLDG BOD B.T.U.; BTU C; CONV. CCW CFF CFM CLG <u>CO</u> CM CNTR CONT. 	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INV. EL. IPS <u>KE-#</u> LD LE-# LP LPR LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTG MUA N.C.	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR IOUW PRESSURE STEAM SUPPL MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE MOUNTED MOUNTED	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' SQ. FT SQ. FT; SR SQ. FT; SR S/O S.S. TD TG	PRESSURE REDUCING STAT PRESSURE REDUCING VALX RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SF SQUARE FEET SUPPLY REGISTER SHUT-OFF STAINLESS STEEL TRENCH DRAIN TRANSFER GRILLE TOP OF DUCT TRAP PRIMER	VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT
— CA — — CHWR — CHWS — CWS = — FM = — FOF = — FOF = — FOR = — HPWR — HPWR — HPWR — HPWR — HPWR — HPWR — HPWS — HPC = — HWR = — HOR = — IND = — IND = — IND =	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER SUPPLY CONDENSER WATER SUP CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER RET HEAT PUMP WATER SUP HIGH PRESSURE STEAM HIGH-TEMP HOT WATER HIGH-TEMP HOT WATER HOT WATER SUPPLY HUMIDIFICAT SUPPLY HIGH PRESSURE STEAM HIGH-TEMP HOT WATER HIGH PRESSURE STEAM HIGH-TEMP HOT WATER HIGH PRESSURE STEAM	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE A RETURN	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SV SA SVA SO SVA <td>EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY MASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN EMPERED WATER SUPPLY ACUUM (AIR) ACUUM CLEANING (HOUSE)</td> <td>TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION</td> <td> AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BFP BFP BHP BLDG BOD B.T.U.; BTU C; CONV. CCW CFF CFM CLG CON CLG CON CNTR CONT. CONT. CONT. CONT. CONT. CORR CR CT </td> <td>ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AS PER MFR'S REC BALANCING COCK BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT CONSTRUCTION M COUNTER; COUNT CONNECT; CONNE CONTINUE; CONTIN CONTINUE; CONTIN</td> <td>FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER </td> <td>DC DDC DET DIA DIC DIW DN DS DT DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T FBO F&T FBO FBP FC FD-# FD FIN FIN FIN FIN FIN</td> <td> DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN IN WALL DOWN SPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXTERNAL STATIC PRESSURI FLOAT AND THERMOSTATIC FLOAT AND THERMOSTATIC FLOOR CLEANOUT FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR </td> <td>HGT; HT HP HRU HRU HRU HRV HVAC HW HWR HWS HX ID IN WG INCL. INV. EL. IPS KE=# LD LE=# LP LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.O. NIC</td> <td>HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCLUDING INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MOUNTED MOUNTED MOUNTED MOUNTED NORMALLY CLOSED NORMALLY OPEN NOT IN CONTRACT</td> <td>PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' BER SCV SD SA-"' SG SA-" SD SA-" TS SQ. FT; SG SGL SHT SPLR SQ. FT; SR SQ. FT; SR S/O S.S. TD TG</td> <td>PRESSURE REDUCING STAT PRESSURE REDUCING VALY RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN RETURN FAN RETURN GRILLE REHEAT COIL ROOM PREDUCED PRESSURE BFP RETURN REGISTER RELIEF VALVE RAIN WATER SUPPLY AIR SHOCK ABSORBER OF PDI S (" ") AS INDICATED SELF-CONTAINED VALVE SMOKE DAMPER SUPPLY FAN SUPPLY FAN SUPPLY GRILLE SINGLE SHEET SPRINKLER SPRINKLER SF SQUARE FEET SUPPLY REGISTER SHUT-OFF STAINLESS STEEL TRENCH DRAIN TRANSFER GRILLE TOP OF DUCT TRAP PRIMER TOTAL STATIC PRESSURE</td> <td>VE VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W</td> <td>VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VALVE & CAP FOR FUTURE VALVE VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER VALL CLEANOUT DIAMETER AT AND PERCENT</td>	EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY MASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN EMPERED WATER SUPPLY ACUUM (AIR) ACUUM CLEANING (HOUSE)	TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION	 AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BFP BFP BHP BLDG BOD B.T.U.; BTU C; CONV. CCW CFF CFM CLG CON CLG CON CNTR CONT. CONT. CONT. CONT. CONT. 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INV. EL. IPS KE=# LD LE=# LP LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.O. NIC	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCLUDING INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MOUNTED MOUNTED MOUNTED MOUNTED NORMALLY CLOSED NORMALLY OPEN NOT IN CONTRACT	PD PRS PRV RA RD RCOND. REC REG RF RG RHC RM RPZ RR RV RW S SA-"' BER SCV SD SA-"' SG SA-" SD SA-" TS SQ. FT; SG SGL SHT SPLR SQ. FT; SR SQ. FT; SR S/O S.S. 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— CA — — CHWR — CHWS — CWS = — FM = — FOF = — FOF = — FOR = — HPWR — HPWS — IND =	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RETUR CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL FILL FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL SUPPLY FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER SUP HIGH PRESSURE STEAM HIGH PRESSURE STEAM	Y ETURN JPPLY R RECIRC. TURN PPLY ENSATE A RETURN RETURN	MPS ME MU MA N2 NIT NG NA NO NIT NO NIT NPW NC OX OX PC PU PCWR PR PCWS PR RD RE RS RE RW RA SA SA SV SA SVA SO SVA <td>EDIUM PRESSURE STEAM AKE-UP WATER ITROGEN ATURAL GAS ITROUS OXIDE ON-POTABLE WATER XYGEN UMPED CONDENSATE ROCESS COLD WATER RET ROCESS COLD WATER SUP EFRIGERANT DISCHARGE EFRIGERANT DISCHARGE EFRIGERANT SUCTION AIN WATER - ABOVE FLOOR ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - ABC ANITARY SOIL WASTE - BEL ANITARY SOIL VENT - ABOV ANITARY SOIL VENT - BELOV ANITARY MASTE & VENT CO PRINKLER MAIN PIPING OLAR WATER RETURN OLAR WATER SUPPLY RAP PRIMER - ABOVE FLOO RAP PRIMER - ABOVE FLOO RAP PRIMER - BELOW GRAD EMPERED WATER RETURN EMPERED WATER SUPPLY ACUUM (AIR) ACUUM CLEANING (HOUSE)</td> <td>TURN PPLY R E DVE FLOOR LOW GRADE ZE FLOOR W GRADE DMBINATION</td> <td> AE AW AFF; A.F.F AHU <u>AP</u> APPROX. APMR ATC AV BC BDD BG BFP BFP BHP BLDG BOD B.T.U.; BTU C; CONV. CCW CFF CFM CLG CON CONT. CORR </td> <td>ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AS PER MFR'S REC AUTOMATIC TEMP BALANCING COCK BACKDRAFT DAMF BLAST GATE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT CONSTRUCTION M COUNTER; COUNT</td> <td>FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER </td> <td>DC DDC DET DIA DIC DIW DN DN DS DT DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO F&T F&T FBO FBP FC F&T FBO FBP FC FD-# FTG FTR FTG FTR</td> <td>DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWN SPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION EXHAUST REGISTER EXHAUST REGISTER EXTERNAL STATIC PRESSURE EXISTING FLOAT AND THERMOSTATIC FUOR CLEANOUT FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR DRAIN TAG FINISH FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR SWITCH FLOW SWITCH FORCE MAIN GENERAL CONTRACTOR</td> <td>HGT; HT HP HRU HRU HTR H&V HVAC HW HWR HWR HWS HX ID IN WG INCL. INV. EL. IPS <u>KE-#</u> LD LE=# LP LPR LPR LPR LPR MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.O. NIC</td> <td>HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCLUDING INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR IOW PRESSURE STEAM SUPPL MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE MOUNTING MAKE UP AIR NORMALLY CLOSED NORMALLY OPEN</td> <td>PD PRS PRV RA RD RCOND. 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INV. EL. IPS <u>KE-#</u> LD LE=# LP LPR LPR LPR LPR MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.O. NIC	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INSIDE DIAMETER INCLUDING INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR IOW PRESSURE STEAM SUPPL MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MEDIUM PRESSURE GAS MULTI-PURPOSE VALVE MOUNTING MAKE UP AIR NORMALLY CLOSED NORMALLY OPEN	PD PRS PRV RA RD RCOND. 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— CA — — CHWR — CHWS — CWS = — FM = — FOF = — FOF = — FOR = — HPWR — LN = — LN = — LOX =	CONDENSATE (HVAC DRAIN PAN) COMPRESSED AIR CHILLED WATER RETUR CHILLED WATER RETUR CONDENSER WATER RET CONDENSER WATER RET CONDENSER WATER SU DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER DOMESTIC HOT WATER FUEL OIL FILL FUEL OIL FILL FUEL OIL RETURN FUEL OIL RETURN FUEL OIL TANK VENT FEEDWATER GLYCOL RETURN GLYCOL SUPPLY HUMIDIFICATION LINE HYDROGEN GAS HEAT PUMP WATER RET HEAT PUMP WATER RET HIGH PRESSURE STEAM HIGH PRESSURE STEAM HIGH PRESSURE STEAM HIGH PRESSURE STEAM HOT WATER RETURN HIGH PRESSURE STEAM HIGH PRESSURE STEAM	Y ETURN JPPLY R RECIRC. 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CONRI CORR CT CT CT </td> <td>ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI ACCESS PANEL APPROXIMATE; AP AS PER MFR'S REC AUTOMATIC TEMP AS PER MFR'S REC AUTOMATIC TEMP BALANCING COCK BACKDRAFT DAMF BLAST GATE BARRIER FREE BACKFLOW PREVE BRAKE HORSEPOV BUILDING BOTTOM OF DUCT J BRITISH THERMAL CONVECTOR COUNTER CLOCKV CAPPED FOR FUTU CUBIC FEET PER M CEILING CLEANOUT CONSTRUCTION M COUNTER; COUNT CONSTRUCTION M COUNTER; COUNT CONNECT; CONNE CONTINUE; CONTIN CONNECT; CONNE</td> <td>FLOOR IT PPROXIMATELY COMMENDATIONS PERATURE CONTROL PER ENTER WER </td> <td>DC DDC DET DIA DIC DIW DN DN DS DT DV DWG EA EG ELEV ELONG ENC ER ESP ET (E) F&T F&T FBO F&T F&T FBO FBP FC F&T FBO FBP FC FD-# FTG FTR FTG FTR</td> <td> DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN IN WALL DOWN SPOUT DROP AND TRANSITION DRAIN VALVE DRAWING EXHAUST AIR EXHAUST GRILLE ELEVATION ELONGATE ENCLOSURE EXHAUST REGISTER EXHAUST REGISTER EXTERNAL STATIC PRESSURI EXPANSION TANK EXISTING FLOAT AND THERMOSTATIC FURNISHED BY OTHERS FACE AND BYPASS FLEXIBLE CONNECTION FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR FIONED TUBE RADIATION FLOW SWITCH FONCE MAIN </td> <td>HGT; HT HP HRU HRU HTR H&V HVAC HW HWR HWS MT ID IN WG INCL. INV. EL. IPS KE-# LD LE-# LP LPR LPR LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.C. N.C. N.C. N.TS</td> <td>HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. 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INV. EL. IPS KE-# LD LE-# LP LPR LPR LPR LPR LPS MAX MBH MFR MIN MOD MPG MPV MTD MTG MUA N.C. N.C. N.C. N.C. N.TS	HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AND HOT WATER HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETUR MAXIMUM 1000 BTUH/hr. 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	·										
		EXPANSION LOOP			CHANGE IN ELEVATION (UP, DOWN, RISE OR DRO	P)		DAMPER		REGISTER, GRILLE & DIFFUSER TAG — DIFFUSER, REGISTER OR GRILLE No.	
		EXPANSION LOOP (BRAIDED/MANUFACTURED))	I I			4		S1 1 100	— DIFFUSER, REGISTER OR GRILLE NO. — QUANTITY — CFM AIR FLOW	P
	Ø	FLOOR DRAIN			SUPPLY DUCT TURNED UF	₽/DN				FINTUBE TAG	
		SHOCK ABSORBER			RETURN DUCT TURNED U	P/DN (T)		RE SENSOR OR T (AS SPECIFIED)	FT-1	- FINTUBE No. - LENGTH	ARCH
	\bigcirc	(WATER HAMMER ARRESTE	ER)		EXHAUST DUCT TURNED		HUMIDISTAT (SENSOR (AS S		2.1	— GPM	49 DARTM
	\sim	FIRE DEPARTMENT CONNE	CTION		EXHAUST DUCT TURNED	C_0^2	CARBON DIO>	XIDE SENSOR	VAV-1		PORTLANI 207- www.po
					ROUND DUCT TURNED UP	0		NOXIDE SENSOR	100 - 350 -	— MINIMUM CFM — MAXIMUM CFM	
	°°°	FREE STANDING FIRE DEPARTMENT CONNECTION	N		MITERED DUCT ELBOW				2.1	- GPM	Allied 1
	Â				W/TURNING VANES	AP	ACCESS PANE	EL		<u>EQUIPMENT TAG</u> — TYPE DESIGNATOR	Structural Mechan
	5-2	WATER GONG				DSD	DUCT SMOKE	DETECTOR		- NUMBER	160
		DUCTWORK ~ FIRST DIMEN	ISION IS		RADIUS DUCT ELBOW			HAUST FAN	AHU	EQUIPMENT TAG (ON FLOOR/ROOF ABOVE) — TYPE DESIGNATOR	Port G T: 20' F: 20'
	12x8S	SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST AIR, OA= OUTS	SIDE AIR		DUCT/PIPE CAP	()		IPPLY FAN		- NUMBER	Web:
		F.O. = FLAT OVAL			(SINGLE/DOUBLE LINE)	<u> </u>		USER ~ 4-WAY BLOW		DETAIL REFERENCE SYMBOL	ALLIED PR 14009
	<u></u>	ACCOUSTICAL LINING (DUC DIMENSION FOR NET FREE		<u> </u>					A1 -	DETAIL No.	CAD FILE: 14009M.rv
ED)	<u> </u>	AREA)			VOLUME DAMPER			USER ~ 3-WAY BLOW	MH-100	- SHEET DETAIL LOCATED ON	
	<u></u>	DUCTWORK TO BE REMOVE	ED	⊢ I			CEILING DIFF	USER ~ 2-WAY BLOW		SECTION REFERENCE SYMBOL	COPYR PDT A
	}			FD	FIRE DAMPER	\boxtimes	CEILING DIFFU	USER ~ CORNER BLOW	A1	- SECTION No.	Reuse or re contents of th
				, I .			CEILING RETU	JRN GRILLE	MH-500	- SHEET SECTION LOCATED ON	permitted permission o
		TO BE REMOVED			SMOKE DAMPER		CEILING EXHA	AUST GRILLE			
		DUCT TRANSITION				~	POINT OF CO	NNECTION			
		SQUARE TO ROUND DUCT TRANSITION			FIRE AND SMOKE DAMPER	₹ ●	- EXISTING TC				ਹ
				└ ─┘ _{FSD} └		-►	DIRECTION O	F AIR FLOW			roje
		FLEX DUCT ~ DOUBLE LINE FLEX DUCT ~ SINGLE LINE			BACKDRAFT DAMPER						
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AAV	AUTOMATIC AIR VE	ENT	CU	COPPER; CONDENSING UNIT	GV	GRAVITY VENTILATOR	OBD	OPPOSED BLADE DAMPER	UH	UNIT HEATER	Downto
AC	ABOVE CEILING		CUH	CABINET UNIT HEATER	Н	HUMIDIFIER	OD	OUTSIDE DIAMETER	UIC	UP IN CHASE	
AC ACC	ABOVE CEILING AIR COOLED CONE	DENSER	CUH C.V.	CABINET UNIT HEATER CONTROL VALVE	Н <u>НВ</u>	HUMIDIFIER HOSE BIBB	OD OED	OUTSIDE DIAMETER OPEN ENDED DUCT	UIC UIW	UP IN CHASE UP IN WALL	ols' D
AC	ABOVE CEILING	DENSER GUNIT	CUH	CABINET UNIT HEATER	Н	HUMIDIFIER	OD	OUTSIDE DIAMETER	UIC	UP IN CHASE	ools' D
AC ACC ACU	ABOVE CEILING AIR COOLED CONE AIR CONDITIONING	DENSER GUNIT	CUH C.V. CW	CABINET UNIT HEATER CONTROL VALVE COLD WATER; CLOCKWISE	Н <u>НВ</u> НС; НDС	HUMIDIFIER HOSE BIBB HANDICAP ACCESS	OD OED <u>P-#</u>	OUTSIDE DIAMETER OPEN ENDED DUCT PLUMBING FIXTURE TAG	UIC UIW UV V	UP IN CHASE UP IN WALL UNIT VENTILATOR	ols' D
AC ACC ACU ADA	ABOVE CEILING AIR COOLED CONE AIR CONDITIONING AMERICANS WITH	DENSER GUNIT	CUH C.V. CW DB DC DDC	CABINET UNIT HEATER CONTROL VALVE COLD WATER; CLOCKWISE DRY BULB TEMPERATURE DOUBLE CONTAINED DIRECT DIGITAL CONTROL	H <u>HB</u> HC; HDC HGT; HT HP HRU	HUMIDIFIER HOSE BIBB HANDICAP ACCESS HEIGHT HEAT PUMP HEAT RECOVERY UNIT	OD OED <u>P-#</u> PD PRS PRV	OUTSIDE DIAMETER OPEN ENDED DUCT PLUMBING FIXTURE TAG PUMPED DISCHARGE PRESSURE REDUCING STATIC PRESSURE REDUCING VALVE	UIC UIW UV V ON VAC VB	UP IN CHASE UP IN WALL UNIT VENTILATOR VENT VACUUM VACUUM BREAKER	c Schools' D
AC ACC ACU ADA <u>AD</u> AE AW	ABOVE CEILING AIR COOLED CONE AIR CONDITIONING AMERICANS WITH ACCESS DOOR ACID EXHAUST ACID WASTE	DENSER 5 UNIT DISABILITIES ACT	CUH C.V. CW DB DC	CABINET UNIT HEATER CONTROL VALVE COLD WATER; CLOCKWISE DRY BULB TEMPERATURE DOUBLE CONTAINED	H <u>HB</u> HC; HDC HGT; HT HP HRU HTR	HUMIDIFIER HOSE BIBB HANDICAP ACCESS HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER	OD OED <u>P-#</u> PD PRS	OUTSIDE DIAMETER OPEN ENDED DUCT PLUMBING FIXTURE TAG PUMPED DISCHARGE PRESSURE REDUCING STATIC	UIC UIW UV V ON VAC VB VCFF	UP IN CHASE UP IN WALL UNIT VENTILATOR VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE	c Schools' D
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AC ACU ADA <u>AD</u> AE AW F; A.F.F. AHU <u>AP</u>	ABOVE CEILING AIR COOLED CONE AIR CONDITIONING AMERICANS WITH ACCESS DOOR ACID EXHAUST ACID WASTE ABOVE FINISHED F AIR HANDLING UNI	DENSER 5 UNIT DISABILITIES ACT FLOOR	CUH C.V. CW DB DC DDC DET DIA DIC DIW DN	CABINET UNIT HEATER CONTROL VALVE COLD WATER; CLOCKWISE DRY BULB TEMPERATURE DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN	H <u>HB</u> HC; HDC HGT; HT HP HRU HTR H&V HVAC HW HWR	HUMIDIFIER HOSE BIBB HANDICAP ACCESS HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AIR HOT WATER HOT WATER RETURN	OD OED <u>P-#</u> PD PRS PRV RA RD COND. REC REG RF	OUTSIDE DIAMETER OPEN ENDED DUCT PLUMBING FIXTURE TAG PUMPED DISCHARGE PRESSURE REDUCING STATIC PRESSURE REDUCING VALVE RETURN AIR ROOF DRAIN RECOMMENDATION REGULAR RETURN FAN	UIC UIW UV V VAC VB VCFF VD VLV VS VTR	UP IN CHASE UP IN WALL UNIT VENTILATOR VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF	nd Public Schools' D
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AC ACU ACU ADA AD AD AE AW F; A.F.F. AHU AP PROX. AP BC BDD BG BFP BLDG BOD CCW CFF CONV. CCFF CFM CLG CON CONTR CONT. CORD.	ABOVE CEILINGAIR COOLED CONEAIR CONDITIONINGAMERICANS WITHACCESS DOORACID EXHAUSTACID EXHAUSTACID WASTEABOVE FINISHED FAIR HANDLING UNIACCESS PANELAPPROXIMATE; APAS PER MFR'S RECAUTOMATIC TEMPEAIR VENTBALANCING COCKBACKDRAFT DAMPBLAST GATEBACKFLOW PREVEBARRIER FREEBACKFLOW PREVEBRAKE HORSEPOVBUILDINGBOTTOM OF DUCTCONVECTORCOUNTER CLOCKVCAPPED FOR FUTUCUBIC FEET PER MCEILINGCLEANOUTCONSTRUCTION MCONTINUE; CONTINCONRECT; CONNECONTINUE; CONTINCONRECT; CONNECONTINUE; CONTINCONRECT; CONNECONRECT; CONNECONTINUE; CONTIN	DENSER GUNIT DISABILITIES ACT ALOOR T PROXIMATELY COMMENDATIONS ERATURE CONTROL ER INTER VER UNIT VISE JRE IINUTE ANAGER ER TOP CTION VUATION	CUH C.V. CW DB DC DDC DET DIA DIC DIW DN DN DS DT DV DWG EA EF EG ELEV ELONG ENC ER ESP ET (E) F&T FBO FBP FC FD-# FD FIN FIN	CABINET UNIT HEATER CONTROL VALVE COLD WATER; CLOCKWISE DRY BULB TEMPERATURE DOUBLE CONTAINED DIRECT DIGITAL CONTROL DETAIL DIAMETER DOWN IN CHASE DOWN IN WALL DOWN DOWN SPOUT DROP AND TRANSITION DRAWING EXHAUST FAN EXHAUST GRILLE ELONGATE ENCLOSURE EXTERNAL STATIC PRESSURE EXTERNAL STATIC PRESSURE FUCAT AND THERMOSTATIC FUCAT AND THERMOSTATIC FUCOR CLEANOUT FLOOR CLEANOUT FLOOR DRAIN TAG FINISH FLOOR DRAIN TAG FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH FLOOR FINISH	H HB HC; HDC HGT; HT HP HRU HTR H&V HVAC HW HWR HWS HW HWR HWS HW HWR HWS HW HWR HWS HX D ID IN VG INCL IN V. EL. IPS KE-# LD LE:# LD LE:# LD LE:# LD LE:# LD LE:# LD LE:# LD LE:# LD LD LE:# LD LD LE:# LD LD LD LD LD LD LD LD LD LD	HUMIDIFIER HOSE BIBB HANDICAP ACCESS HEIGHT HEAT PUMP HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEAT RECOVERY UNIT HEATER HEATING AND VENTILATION HEATING, VENTILATING AND AIR HOT WATER RETURN HOT WATER SUPPLY HEAT EXCHANGER INCHES WATER GAUGE INCLUDING INVERT ELEVATION IRON PIPE SIZE KITCHEN EQUIPMENT NUMBER LINEAR DIFFUSER SCIENCE LAB EQUIPMENT NUMBER LOW PRESSURE STEAM RETURN IOOUN PRESSURE STEAM RETURN MAXIMUM 1000 BTUH/hr. MANUFACTURER MINIMUM MOTOR OPERATED DAMPER MULTI-PURPOSE VALVE MOUNTED MOUNTED MAKE UP AIR	OD OED P-# PD PRS PRV RA RD RC REG RF RG RF RG RHC RM RPZ RR RV RW S SA-"" ER SCV SD SF SD SD SF SD SD SF SD SD SF SD SD SF SD SD SF SD SD SF SD SD SD SF SD SD SD SD SD SD SD SD SD SD SD SD SD	OUTSIDE DIAMETEROPEN ENDED DUCTPLUMBING FIXTURE TAGPUMPED DISCHARGEPRESSURE REDUCING STATIOPRESSURE REDUCING VALVERETURN AIRROOF DRAINRECOMMENDATIONREGULARRETURN FANRETURN GRILLEREHEAT COILROOMPREDUCED PRESSURE BFPRETURN REGISTERRELIEF VALVERAIN WATERSUPPLY AIRSUPPLY AIRSUPPLY FANSUPPLY GRILLESINGLESINGLESHEETSQUARE FEETSUPPLY REGISTERSHUT-OFFSTAINLESS STEELTRENCH DRAINTRANSFER GRILLETOP OF DUCT	UIC UIW UV V V VAC VB VCFF VD VLV VS VTR W W W W W W W W W W W W W W W W W W W	UP IN CHASE UP IN WALL UNIT VENTILATOR VENT VACUUM VACUUM BREAKER VALVE & CAP FOR FUTURE VOLUME DAMPER - MANUAL VALVE VENT STACK VENT TO ROOF WASTE WITH WET BULB TEMPERATURE, °F WALL CLEANOUT WATER HEATER WALL CLEANOUT WATER HEATER AT AND PERCENT	C B C C C C C C C C C C C C C
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