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RENOVATIONS
TO SSA
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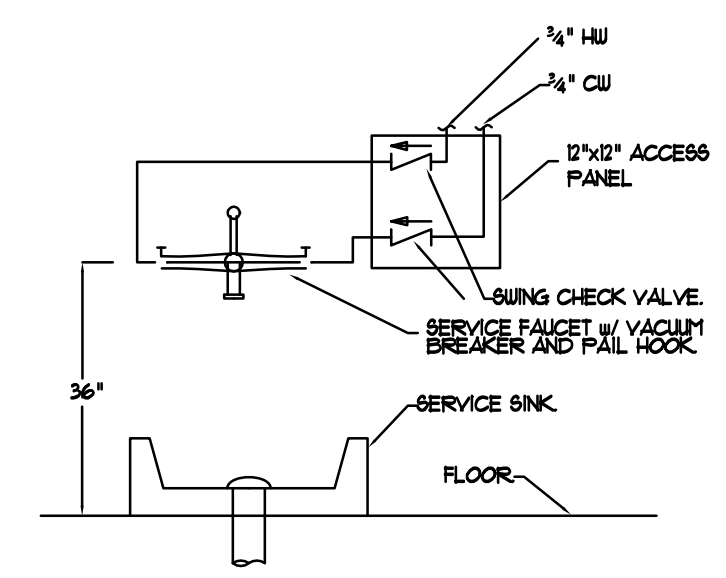
Project No: 10403

Drawing Title:
MECHANICAL
LEGEND

Scale: 1/8"=1'-0"
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10/21/16-75% Progress
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M2.1



MOP BASIN INSTALLATION DETAIL
NT6

MECHANICAL & PLUMBING LEGEND

NOTE: USE SYMBOLS AND ABBREVIATIONS AS APPLICABLE FOR THIS MECHANICAL DRAWING SET. SOME SYMBOLS AND ABBREVIATIONS IN THIS LEGEND MAY NOT APPLY.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
	COMPRESSED AIR PIPING (CA)		BUTTERFLY VALVES w/ SINGLE ACTUATOR	AAV	AUTOMATIC AIR VENT	EV-1	EXHAUST VENT TAG	P-*	PLUMBING FIXTURE TAG
	CONDENSATE DRAIN PIPING (CD)		TRIPLE-DUTY VALVE	AD	ACCESS DOOR	FC	FLEXIBLE CONNECTION	PENETN	PENETRATION
	COOLING TOWER RETURN PIPING (CTR)		UNION	AFF	ABOVE FINISHED FLOOR	FCO	FLOOR CLEANOUT	PF-*	PADDLE FAN TAG
	COOLING TOWER SUPPLY PIPING (CTS)		PIPE FLANGE	AHJ-*	AIR HANDLING UNIT TAG	FD	FIRE DAMPER	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
	CHILLED WATER RETURN PIPING (CUR)		CARBON DIOXIDE SENSOR	AFSD	ADJUSTABLE FLOW STATION FOR DISPLACEMENT DIFFUSERS	FD-*	FLOOR DRAIN TAG	PSIG	POUNDS PER SQUARE INCH GAGE
	CHILLED WATER SUPPLY PIPING (CUS)		BASE MOUNTED PUMP	AP	ACCESS PANEL	FLA	FULL LOAD AMPS	PVC	POLYVINYL CHLORIDE (PIPE)
	FUEL OIL RETURN PIPING (FOR)		CARTRIDGE TYPE INLINE PUMP	APMS	AMPS	FLG	FUEL LEVEL GAUGE	RA	RETURN AIR
	FUEL OIL SUPPLY PIPING (FOS)		VERTICAL INLINE PUMP	APD	AIR PRESSURE DROP	FOR	FUEL OIL RETURN	RD	ROOF DRAIN
	GAS PIPING (G)		FLEXIBLE PIPE CONNECTION (FC)	AS-*	AIR SEPARATOR TAG	FOG	FUEL OIL SUPPLY	RDE	RECOMMENDED DUAL ELEMENT FUSE AMPS
	HOT WATER RETURN PIPING (HUR)		FIT DOWN	ATC	AUTOMATIC TEMPERATURE CONTROL	FPMS	FROST PROOF HOSE BIBBS	RHM-*	RADIANT FLOOR MANFOLD TAG
	HOT WATER SUPPLY PIPING (HUS)		PRESSURE GAGE WITH GAGE COCK	ATC	AUTOMATIC TEMPERATURE CONTROL	FS-*	FEET PER MINUTE	RS-*	RETURN GRILLE TAG
	REFRIGERANT LIQUID PIPING (RL)		THERMOSTAT OR SENSOR ON WALL	B-*	BOILER TAG	FT	FEET	RLW	RECIROLATED HOT WATER
	REFRIGERANT GAS PIPING (RG)		TEMP. SENSOR w/ TAMPERPROOF GUARD	BD-*	BYPASS DAMPER TAG	FTR-*	FINTUBE RADIATION TAG	RLA	RUNNING LOAD AMPS
	LOW TEMP HOT WATER RETURN PIPING (LTHUR)		NOTE TAG (NUMBER)	BFP-*	BACKFLOW PREVENTER TAG	GA	GAGE	RPM	REVOLUTIONS PER MINUTE
	LOW TEMP HOT WATER SUPPLY PIPING (LTHUS)		AIR DEVICE TAG (LETTER) WITH CR1	BHP	BRAKE HORSEPOWER	GAL	GALLONS	RPS	REVOLUTIONS PER SECOND
	SANITARY PIPING BELOW FLOOR (SAN)		ROOM NUMBER	BTUH	BRITISH THERMAL UNITS PER HOUR	GFH-*	GAS FIRED WATER HEATER TAG	RR-*	RETURN REGISTER TAG
	SANITARY PIPING ABOVE FLOOR (SAN)		ROOM NUMBER WITH CR1	BS	BELOW SLAB	GPH	GALLONS PER HOUR	RTU	ROOM TEMPERATURE SENSOR
	SANITARY VENT PIPING		ROOM NUMBER WITH CR2	CC-*	COOLING COIL TAG	GPM	GALLONS PER MINUTE	RV	RELIEF VALVE
	RAINWATER LEADER ABOVE SLAB (RLL)		ROOM NUMBER WITH CR3	CRH	CUBIC FEET PER MINUTE	GPM	GALLONS PER MINUTE	RWL	RAINWATER LEADER
	DOMESTIC COLD WATER PIPING (CW)		ROOM NUMBER WITH CR4	CHL-*	CHILLER TAG	GH-*	GAS UNIT HEATER TAG	SA	SUPPLY AIR
	DOMESTIC HOT WATER PIPING (HW)		ROOM NUMBER WITH CR5	CO	CLEANOUT	HC-*	HEATING COIL TAG	SAN	SANITARY (DRAIN & WASTE)
	RECIROLATED HOT WATER PIPING (RHW)		ROOM NUMBER WITH CR6	CONV-*	CONVECTOR TAG	HP	HORSEPOWER	SD	SMOKE DAMPER
	PIPE CAP		ROOM NUMBER WITH CR7	CABNET UNIT HEATER TAG	CABINET UNIT HEATER TAG	HRV-*	HEAT RECOVERY VENTILATOR TAG	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	DIRECTION OF FLUID FLOW		ROOM NUMBER WITH CR8	CP-*	CIRCULATING PUMP TAG	HJ	HOT WATER	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	ELBOW UP		ROOM NUMBER WITH CR9	CT-*	COOLING TOWER TAG	HWSR	HOT WATER SUPPLY AND RETURN	SG-*	SUPPLY GRILLE TAG
	ELBOW DOWN		ROOM NUMBER WITH CR10	CV	VALVE COEFFICIENT	I-B-R	INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS	SG-*	SUPPLY GRILLE TAG
	PIPE TEE UP		ROOM NUMBER WITH CR11	CW	COLD WATER	IRH-*	INDIRECT FIRED WATER HEATER TAG	SP	STATIC PRESSURE
	PIPE TEE DOWN		ROOM NUMBER WITH CR12	CHWB/R	CHILLED WATER SUPPLY AND RETURN	IN	INCHES	SP-*	SNIP PUMP TAG
	PIPE REDUCER		ROOM NUMBER WITH CR13	DB	DRY BALLS	IV-*	INTAKE VENT TAG	SR-*	SUPPLY REGISTER TAG
	PIPE WITH GUIDE		ROOM NUMBER WITH CR14	DB RE	DECIBELS RELATIVE TO	L-*	LOUVER TAG	SOFT	SQUARE FEET
	PIPE WITH ANCHOR		ROOM NUMBER WITH CR15	DC	DOUBLE CHECK	LAT	LEAVING AIR TEMPERATURE	ΔT	TEMPERATURE DIFFERENTIAL
	BUTTERFLY VALVE		ROOM NUMBER WITH CR16	DCA	DOUBLE CHECK ATMOSPHERIC	LB	POUNDS	TEMP.	TEMPERATURE
	OS 4 T GATE VALVE		ROOM NUMBER WITH CR17	DEG F	DEGREES FAHRENHEIT	LD-*	LINEAR DIFFUSER TAG	TOP	TEMPERATURE CONTROL PANEL
	BACKFLOW PREVENTER (BFP)		ROOM NUMBER WITH CR18	DIA	DIAMETER	LMP	LEAK MONITORING PANEL	TRV-*	THERMOSTATIC MIXING VALVE TAG
	CHECK VALVE		ROOM NUMBER WITH CR19	DIW	DOWN IN WALL	LTHUR	LOW TEMPERATURE HOT WATER	TSP	TOTAL STATIC PRESSURE
	BALANCING VALVE (ADJUSTABLE)		ROOM NUMBER WITH CR20	DN	DOWN	LRA	LOCKED ROTOR AMPS	TYP	TYPICAL
	AUTOMATIC FLOW CONTROL VALVE		ROOM NUMBER WITH CR21	EA	EXHAUST AIR	LUCO	LOW WATER CUTOUT	UH-*	UNIT HEATER TAG
	RELIEF VALVE (RV)		ROOM NUMBER WITH CR22	EAT	ENTERING AIR TEMPERATURE	LUT	LEAVING WATER TEMPERATURE	UV-*	VARIABLE AIR VOLUME BOX TAG
	BALL VALVE		ROOM NUMBER WITH CR23	EDB	ENTERING DRY BULB	MAX	MAXIMUM	VB	VACUUM BREAKER
	BALL VALVE		ROOM NUMBER WITH CR24	EDC-*	ELECTRIC DUCT COIL TAG	MBH	THOUSANDS OF BTU PER HOUR	VFD	VARIABLE FREQUENCY INVERTER DRIVE
	3/4" BALL VALVE WITH 3/4" HOSE END		ROOM NUMBER WITH CR25	EER	ENERGY EFFICIENCY RATIO	MCA	MINIMUM CIRCUIT AMPACITY	VTR	VENT THRU ROOF
	GATE VALVE		ROOM NUMBER WITH CR26	EF-*	EXHAUST FAN TAG	MIN	MINIMUM	VVPHZ	VOLTS/PHASES/HERTZ
	PRESSURE REDUCING VALVE		ROOM NUMBER WITH CR27	EG-*	EXHAUST GRILLE TAG	NC	NOISE CRITERIA	WB	WALL CLEANOUT
	FUSIBLE VALVE		ROOM NUMBER WITH CR28	ER-*	EXHAUST REGISTER TAG	NIC	NOT IN CONTRACT	WG	WATER GAGE
	STRAINER w/ BLOWDOWN BALL VALVE		ROOM NUMBER WITH CR29	ESP	EXTERNAL STATIC PRESSURE	NTS	NOT TO SCALE	WPD	WATER PRESSURE DROP
	SOLENOID VALVE		ROOM NUMBER WITH CR30	ET-*	EXPANSION TANK TAG	NTS	NOT TO SCALE	USA	WIRE SIZING AMPS
	2-WAY CONTROL VALVE		ROOM NUMBER WITH CR31	ET-*	ENTERING TET BULB	OD	OPPOSED BLADE DAMPER	WTD	WATER TEMPERATURE DROP
	3-WAY CONTROL VALVE		ROOM NUMBER WITH CR32	EUB	ENTERING WATER HEATER TAG	OD	OUTSIDE DIAMETER	W/	WITH
	4-WAY CONTROL VALVE (TOP VIEW)		ROOM NUMBER WITH CR33	EUT	ENTERING WATER TEMPERATURE EXISTING	OED	OPEN ENDED DUCT	ZD-*	ZONE DAMPER TAG
			SECTION REFERENCE	EXG	EXISTING	ORH-*	OIL FIRED WATER HEATER TAG		
						OPD	OVERCURRENT PROTECTIVE DEVICE		