




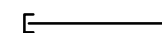
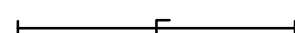

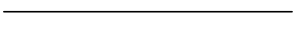







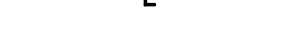








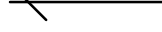



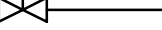


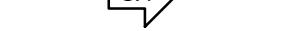
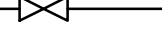



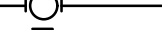
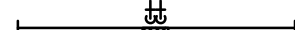










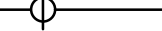
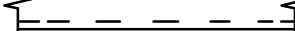


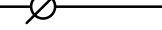







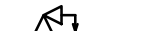




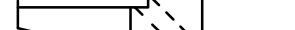



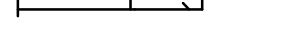






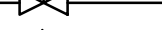












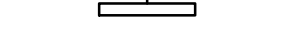


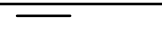




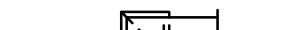



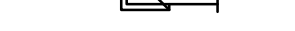


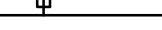
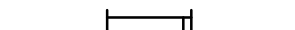

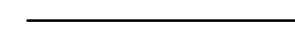
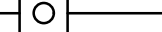


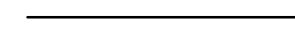

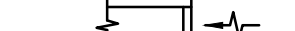

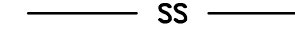



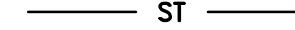



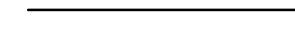



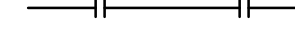












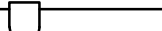


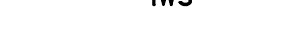









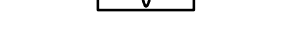


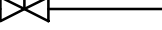














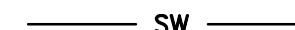












































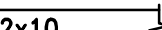















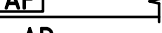











Sea-Tac International Airport

Facilities and Infrastructure System
Mechanical System Standards

APPENDIX A

Mechanical Legend, Symbols, Abbreviations, and General Notes

Revised January 1, 2023

ABBREVIATION				MECHANICAL LEGEND											
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	SYMBOLS	ABBREVIATION	DESCRIPTION	SYMBOLS	ABBREVIATION	DESCRIPTION	SYMBOLS	ABBREVIATION	DESCRIPTION	SYMBOLS	ABBREVIATION	DESCRIPTION
AC	AIR CONDITIONING	IPLV	INTEGRATED PART LOAD VALUE			HEAVY LINE INDICATES NEW WORK		BF	CAP		VD	MANUAL VOLUME DAMPER			
AC	ALTERNATING CURRENT					LIGHT LINE INDICATES EXISTING WORK OR BACKGROUND		RD	ROOF DRAIN		BDD	BACKDRAFT DAMPER		F	FIRE SPRINKLER LINE
AF	AIRFOIL	KH	KITCHEN HOOD			CENTERLINE		HB	HOSE BIBB						PENDENT HEAD
AFF	ABOVE FINISHED FLOOR	KW	KILOWATT			WORK TO BE REMOVED		WH	WALL HYDRANT (NON FREEZE)		MOD	MOTOR OPERATED DAMPER			DRY PENDENT HEAD
AH	AIR HANDLING UNIT	KWH	KILOWATT HOURS			PIPELINE - NORMAL DIRECTION OF FLOW			HOSE END DRAIN VALVE						UPRIGHT HEAD
AMB	AMBIENT					FLOW ARROW (SUPPLY AIR SHOWN)		GV	GATE VALVE		AMU	AIR MEASURING UNIT (PROVIDE ACCESS DOOR UPSTREAM AND DOWNSTREAM)			SIDEWALL HEAD
AMP	AMPS	LAT	LEAVING AIR TEMPERATURE			NOTE CALLOUT			GLOBE VALVE		HC/CC	HEATING OR COOLING COIL			WET ALARM VALVE
ARCH	ARCHITECTURAL	LB/HR	POUNDS PER HOUR			NOTE CALLOUT		POC	POINT OF CONNECTION						DRY ALARM VALVE
BD	BALANCING DAMPER	LBS	POUNDS			PLUMBING FIXTURE OR DRAIN CALLOUT, SEE SCHEDULE		PRV	PRESSURE REGULATING VALVE		SL	SOUND LINED DUCT			ALARM BELL
BDD	BACKDRAFT DAMPER	LD	LINEAR DIFFUSER			PIPE CALLOUT:			BALANCING VALVE						FLOW DETECTOR SWITCH
BF	BLIND FLANGE	LF	LINEAR FEET			EQUIPMENT CALLOUT, SEE SCHEDULE			WATER HAMMER ARRESTER (PDI SIZE "C" SHOWN)						SUPERVISED VALVE
BFP	BACKFLOW PREVENTER	LWT	LEAVING WATER TEMPERATURE			EQUIPMENT CALLOUT, SEE SCHEDULE			RELIEF VALVE						
BFW	BOILER FEED WATER	MA	MAKE-UP AIR			EQUIPMENT CALLOUT, SEE SCHEDULE			BALL VALVE						
BHP	BRAKE HORSEPOWER	MATL	MATERIAL			EQUIPMENT CALLOUT, SEE SCHEDULE			BUTTERFLY VALVE						
BI	BACKWARD INCLINED	MAV	MANUAL AIR VENT			EQUIPMENT CALLOUT, SEE SCHEDULE			PRESSURE REDUCING VALVE		CD	CEILING DIFFUSER (FOUR-WAY DIRECTIONAL AIRFLOW)			
BLDG	BUILDING	MAX	MAXIMUM			EQUIPMENT CALLOUT, SEE SCHEDULE			UNION		CD	CEILING DIFFUSER (THREE-WAY DIRECTIONAL AIRFLOW WITH BLANK-OFF SHOWN)			
BOD	BOTTOM OF DUCT	MBH	THOUSAND BTU PER HOUR			EQUIPMENT CALLOUT, SEE SCHEDULE			FLEXIBLE CONNECTION						
BOP	BOTTOM OF PIPE	MCC	MOTOR CONTROL CENTER			EQUIPMENT CALLOUT, SEE SCHEDULE			PIPE ANCHOR		LD	LINEAR DIFFUSER (FLOW ARROW SHOWN ONLY IF AIRFLOW IS ONE DIRECTIONAL			
BTU/HR	BRITISH THERMAL UNIT PER HOUR	MOD	MOTOR OPERATED DAMPER			EQUIPMENT CALLOUT, SEE SCHEDULE			PIPE GUIDE						
		MTR	MOTOR			EQUIPMENT CALLOUT, SEE SCHEDULE					RG/EG/TG	CEILING PLENUM RETURN AIR/ EXHAUST CEILING GRILLE/ TRANSFER GRILLE			
		MVD	MEDIUM VELOCITY DAMPER			EQUIPMENT CALLOUT, SEE SCHEDULE									
		MZU	MULTI-ZONE UNIT			EQUIPMENT CALLOUT, SEE SCHEDULE									
		N/A	NOT APPLICABLE			EQUIPMENT CALLOUT, SEE SCHEDULE									
		NC	NORMALLY CLOSED			EQUIPMENT CALLOUT, SEE SCHEDULE									
		NIC	NOT IN CONTRACT			EQUIPMENT CALLOUT, SEE SCHEDULE									
		NO	NORMALLY OPEN			EQUIPMENT CALLOUT, SEE SCHEDULE									
		NOM	NOMINAL			EQUIPMENT CALLOUT, SEE SCHEDULE									
		NPW	NON POTABLE WATER			EQUIPMENT CALLOUT, SEE SCHEDULE									
						EQUIPMENT CALLOUT, SEE SCHEDULE									
						EQUIPMENT CALLOUT, SEE SCHEDULE									
						EQUIPMENT CALLOUT, SEE SCHEDULE									
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