CAN YOU SEE THE AIRPLANES? THE ADJACENT SAMPLES SHOW THREE DIFFERENT LEVELS OF SHADING. SETTINGS FOR VIEWING AND PRINTING DRAWING CONTENT ARE OPTIMIZED WHEN ALL THREE PLANES ARE VISIBLE. THIS GUIDANCE IS PROVIDED FOR REFERENCE ONLY.

ELECTRICAL PLAN SHEETS

NOTE(S):

1. ELECTRICAL EQUIPMENT, DEVICES AND FEEDERS SHOWN AS HALFTONE ARE EXISTING TO REMAIN, UNLESS NOTED.
2. ELECTRICAL EQUIPMENT, DEVICES AND FEEDERS SHOWN AS FULL-TONE ARE NEW, UNLESS OTHERWISE NOTED
3. INTERIOR RACEWAY SHALL BE CONCEALED WHEN LOCATED WITHIN FINISHED SPACES UNLESS NOTED.
4. RACEWAY SHALL BE IN CEILING UNLESS NOTED.
5. REFER TO ARCHITECTURAL CEILING PLANS, ELEVATIONS, AND FLOOR PLANS FOR LOCATIONS OF CEILING, WALL, AND FLOOR MOUNTED DEVICES AND EQUIPMENT. WHERE INTERIOR ELEVATIONS DIFFER BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, NOTIFY THE PORT.
6. THE FIRE ALARM SYSTEM IS A CONTRACTOR DESIGN-BUILD SYSTEM. SELECT DEVICES ARE SHOWN FOR COORDINATION. PROVIDE REQUIRED DEVICES TO COMPLY WITH CODE THROUGHOUT REMODELED SPACES. CONTRACTOR SHALL PROVIDE FIRE ALARM/VOICE EVACUATION DEVICES, ACCESSORIES AND ALL ADDITIONAL ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL CODE COMPLIANT SYSTEM. CONDUIT ROUTING, SIZING, AND QUANTITIES. REFERENCE SPECIFICATION DIVISION 28 46 00 FOR ADDITIONAL INFORMATION.
7. PROVIDE FLEXIBLE CONDUIT CONNECTIONS NEAR EXPANSION JOINTS FOR CONDUITS THAT CROSS SEISMIC EXPANSION JOINTS REFER TO STRUCTURAL DRAWINGS FOR SEISMIC JOINT LOCATIONS.
8. DIVISION 26 TO PROVIDE FIRESTOPPING AT PENETRATIONS THROUGH RATED STAIR ENCLOSURES, RATED EGRESS CORRIDORS, RATED SHAFTS, FLOOR AND CEILING ASSEMBLIES IN ACCORDANCE WITH DIVISION 07.
9. REFER TO SPECIFICATION 26 05 53 FOR PORT STANDARD IDENTIFICATION AND LABELING REQUIREMENTS OF ELECTRICAL EQUIPMENT.

DEMOLITION PLAN SHEETS

NOTE(S):

1. ELECTRICAL EQUIPMENT, DEVICES AND FEEDER SHOWN AS HALFTONE ARE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
2. WHERE ALL LOAD IS REMOVED FROM A CIRCUIT, THE CONDUIT, CONDUCTOR AND HANGERS SHALL BE REMOVED IN ENTIRETY BACK TO THE SOURCE PANEL. WHERE CONDUIT IS CONCEALED, REMOVE CONDUCTORS AND ABANDON CONDUIT.
3. REMOVE BRANCH CIRCUITING ASSOCIATED WITH ITEMS IDENTIFIED FOR DEMOLITION. PROVIDE CONDUIT AND CONDUCTORS TO MAINTAIN CONNECTION TO ALL ITEMS THAT REMAIN WHERE SERVICE IS INTERRUPTED WITH DEMOLITION.
4. ALL DEMOLITION ITEMS SHOWN ARE BASED UPON RECORD DRAWINGS AND SITE OBSERVATIONS, NOT ALL DEVICES MAY BE SHOWN.
5. REMOVE ALL BRANCH CIRCUITING AND HANGERS ASSOCIATED WITH ITEMS SHOWN FOR DEMOLITION.
6. AFTER REMOVAL OF ELECTRICAL SYSTEMS, RESTORE DAMAGED SURFACES AND FINISHES TO MATCH EXISTING.
7. THE FIRE ALARM SYSTEM IS CONTRACTOR DESIGN-BUILD. CONTRACTOR TO IDENTIFY ALL FIRE ALARM SYSTEM COMPONENTS AND SYSTEMS FOR DEMOLITION, AND PROVIDE DEMOLITION SHOP DRAWINGS. PROVIDE AND INDICATE SYSTEM RE-ROUTES AND TEMPORARY SYSTEM INTERIM CONDITIONS UNTIL PDX 2021-510 COMPLETED SYSTEM SHOP DRAWINGS ARE AVAILABLE AND SYSTEM BUILD OUT CAN BE COMPLETED.

EQUIPMENT CONNECTION SCHEDULE SHEETS

NOTE(S):

1. REFER TO ONE-LINE DIAGRAM OR PANEL SCHEDULES FOR OVERCURRENT PROTECTION CHARACTERISTICS AND CIRCUIT NUMBERS.
2. COORDINATE EQUIPMENT CONNECTION REQUIREMENTS WITH INSTALLING CONTRACTOR PRIOR TO PERFORMING ANY ELECTRICAL WORK.
3. COMBINATION STARTER/DISCONNECTS AND DISCONNECT SWITCHES SHALL BE LOCATED WITHIN SIGHT OF AND ADJACENT TO EQUIPMENT SERVED. COORDINATE DISCONNECT INSTALLATION AND LOCATION WITH EQUIPMENT INSTALLER.
4. EQUIPMENT LOCATIONS ARE SHOWN ON ELECTRICAL DRAWINGS FOR REFERENCE, BUT MAY NOT INCLUDE EVERY ITEM LISTED IN SCHEDULE. LOCATIONS SHOWN ON OTHER DISCIPLINE DRAWINGS TAKE PRECEDENCE.

ONE LINE SHEETS

NOTE(S):

1. ALL ELECTRICAL EQUIPMENT, DEVICES AND FEEDERS SHOWN AS HALFTONE ARE EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
2. ALL ELECTRICAL EQUIPMENT, DEVICES AND FEEDERS SHOWN AS SOLID DASH ARE DEMOLITION, UNLESS OTHERWISE NOTED.
3. DEMOLISHED ITEMS SHOWN AND ASSOCIATED FEEDERS, CONDUIT, CONDUCTORS AND HANGERS SHALL BE REMOVED IN THEIR ENTIRETY.
4. REFER TO SPECIFICATION FOR EQUIPMENT TO BE SALVAGED AND RETURNED TO PORT.
5. ALL ELECTRICAL EQUIPMENT, DEVICES AND FEEDERS SHOWN AS SOLID ARE NEW, UNLESS OTHERWISE NOTED.

PANEL SCHEDULE SHEETS

NOTE(S):

1. ALL BRANCH CIRCUITS SHOWN IS EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.
2. ALL DEMOLISHED BRANCH CIRCUITS SHALL HAVE BREAKER TURNED OFF AND MARKED AS SPARE WITHIN PANEL DIRECTORY.

ELECTRICAL LEGEND:

AFF ABOVE FINISHED FLOOR	KVA KILOVOLT AMPERE
A AMPERE (AMP)	KVAR KILOVOLT AMPERES REACTIVE
AL ALUMINUM	LA LIGHTNING ARRESTOR
AFCI ARC FAULT CIRCUIT INTERRUPTER	LTG LIGHTING
ARCH ARCHITECT / ARCHITECTURAL	LV LOW VOLTAGE
ASSY ASSEMBLY	MATV MASTER ANTENNA TELEVISION
ATS AUTOMATIC TRANSFER SWITCH	MCA MINIMUM CIRCUIT AMPS
AWG AMERICAN WIRE GAUGE	MCB MAIN CIRCUIT BREAKER
BPE BAGGAGE POWER ENCLOSURE	MCC MOTOR CONTROL CENTER
CB CIRCUIT BREAKER	MDP MAIN DISTRIBUTION PANEL
C CONDUIT	MECH MECHANICAL
CBRA CHECKED BAGGAGE RESOLUTION AREA	MIT MOBILE INSPECTION TABLE
CCTV CLOSED CIRCUIT TELEVISION	MLO MAIN LUGS ONLY
CKT CIRCUIT	MTS MANUAL TRANSFER SWITCH
CLG CEILING	NIC NOT IN CONTRACT
CONC CONCESSIONS	NGR NEUTRAL GROUNDING RESISTOR
CT CURRENT TRANSFORMER	NL NIGHT LIGHT CIRCUIT
CU COPPER	N.T.S. NOT TO SCALE
DAS DISTRIBUTED ANTENNA SYSTEM	PA PUBLIC ADDRESS
DIV DIVISION	PBB PASSENGER BOARDING BRIDGE
DN DOWN	PCA PRE-CONDITIONED AIR
EGB ELECTRICAL GROUND BAR	PE PHOTO ELECTRIC CELL
ELECT ELECTRICAL	PF POWER FACTOR
ELSE EXIT LANE SECURITY ENCLOSURE	PLC PROGRAMMABLE LOGIC CONTROLLER
ELV ELEVATOR	PNL PANELBOARD
EM EMERGENCY	PVC POLYVINYL CHLORIDE CONDUIT
EMERG EMERGENCY	PWR POWER
EMGB ELECTRICAL MAIN GROUND BAR	PWC POTABLE WATER CABINET
EMT ELECTRIC METALLIC TUBING	RCPT RECEPTACLE
EP EXPLOSION PROOF	RSP RESTROOM SENSOR PANEL
EPO EMERGENCY POWER OFF	SE SERVICE ENTRANCE
ES ETHERNET SWITCH	SDP SUB DISTRIBUTION PANEL
EWC ELECTRIC WATER COOLER	STR STARTER
FA FIRE ALARM	SV SOLENOID VALVE
FLA FULL LOAD AMPS	SW SWITCH
FLUOR FLUORESCENT	TD TIME DELAY
FCIC FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	TECH TECHNOLOGY
FOIC FURNISHED BY OWNER INSTALLED BY CONTRACTOR	TGB TECHNOLOGY GROUND BAR
FOIO FURNISHED BY OWNER INSTALLED BY OWNER	TMGB TECHNOLOGY MAIN GROUND BAR
GB GROUND BAR	TGDS TEMPORARY GENERATOR DOCKNG STATION
GFP GROUND FAULT PROTECTION	TP TAMPERPROOF
GFI GROUND FAULT INTERRUPTER	TSA TRANSPORTATION SECURITY ADMINISTRATION
GFCI GROUND FAULT CIRCUIT INTERRUPTER	TTB TELEPHONE TERMINAL BOARD
GND GROUND	TTC TELEPHONE TERMINAL CABINET
GRC GALVANIZED RIGID CONDUIT	TV TELEVISION
GSHPS GROUND SOURCE HEAT PUMP SYSTEM	TYP TYPICAL
HP HORSEPOWER	UG UNDERGROUND
HV HIGH VOLTAGE	UNO UNLESS NOTED OTHERWISE
HVAC HEATING, VENTILATING, AND AIR CONDITIONING	UPS UNINTERRUPTABLE POWER SUPPLY
HZ HERTZ	UPSTC UNINTERRUPTABLE POWER SUPPLY TIE CABINET
IG ISOLATED GROUND	USB UNIVERSAL SERIAL BUS
JB JUNCTION BOX	V VOLTAGE
KW KILOWATT	VA VOLT AMPERES
KWH KILOWATT HOUR	VP VAPOR PROOF
KV KILOVOLT	W WATTS
	WAP WIRELESS ACCESS POINT
	WP WEATHER PROOF
	XFMR TRANSFORMER
	XFSW TRANSFER SWITCH

PDX ELECTRICAL EQUIPMENT NAMING CONVENTION:

E 4 L 2 T - 1A - A

POWER CLASSIFICATION:
- BLANK - NORMAL POWER
- E - EMERGENCY POWER LEGALLY REQUIRED (NEC 700)
- S - STANDBY POWER LEGALLY REQUIRED (NEC 701)
- O - OPTIONAL STANDBY POWER (NEC 702)
- U - UNINTERRUPTIBLE POWER

VOLTAGE:
- 2 - 208Y/120V
- 4 - 480Y/277V
- 5 - 4160Y/2400V
- 15 - 12470Y/7200V

EQUIPMENT:
- A - AUTOMATIC TRANSFER SWITCH
- B - BUSWAY
- C - STARTER/CONTROLLER
- D - MAIN/SWITCHGEAR DISTRIBUTION PANEL
- E - SECTIONALIZING ELBOW CABINET
- G - GENERATOR
- L - LIGHTING PANEL
- LDC - LIGHTING DIMMING RELAY CABINET
- LRC - LIGHTING RELAY CABINET
- M - MOTOR CONTROL CENTER
- P - POWER PANEL
- PZ - MINI POWER ZONE
- R - RESISTOR
- S - SUB DISTRIBUTION PANEL
- T - TRANSFORMER
- TC - TIE CABINET
- U - UPS
- V - VARIABLE FREQUENCY DRIVE
- W - EXTERNAL UPS WRAP-AROUND BYPASS SWITCH

BUILDING LEVEL OR ELEVATION:
- 0 - TUNNEL/VAULT/UNDERGROUND
- 1 - FIRST LEVEL OR GRADE LEVEL (ITEMS EXTERNAL TO TERMINAL)
- 2 - SECOND LEVEL
- 3 - THIRD LEVEL
- 4 - FOURTH LEVEL
- 5 - FIFTH LEVEL
- 6 - SIXTH LEVEL
- 7 - SEVENTH LEVEL

CONCOURSE OR AREA:
- AF - AIRFIELD (RUNWAY OR TAXIWAY)
- AOA - AIRCRAFT OPERATING AREA
- B - CONCOURSE B
- C - CONCOURSE C
- D - CONCOURSE D
- DPS - DEICING PUMP STATION
- E - CONCOURSE E
- EL - HQ EMPLOYEE PARKING LOT
- EXP - ECONOMY LOT EXIT PLAZA BUILDING
- GS - GROUND SOURCE WELL SITES
- H - HEADQUARTERS (HQ)
- HL - TRANSPORTATION PROVIDERS HOLD LOT
- M - MAINTENANCE FACILITY
- P - PARKING STRUCTURE #1 (SHORT TERM)
- P2 - PARKING STRUCTURE #2 (LONG TERM)
- P3 - PARKING STRUCTURE #3 (LONG TERM)
- PL - PARKING LOT
- Q - QTA
- R - AIRCRAFT RESCUE & FIREFIGHTING FACILITY (ARFF)
- RC - RENTAL CAR CENTER
- S - STREET (ITEMS LOCATED ADJACENT TO ROADWAY SYSTEM)
- T - TERMINAL (TICKETING AND BAGGAGE)
- TP - DEICING TREATMENT PLANT
- U - CUP
- V - VEHICLE GATE
- X - EXIT PLAZA (PARKING EXIT BUILDING)

EQUIPMENT LOCATION WITHIN GRID SYSTEM OR FIELD LOCATED EQUIPMENT:
(WITHIN GRID SYSTEM)
1A - NEARERST GRIDLINE INTERSECTION

IDENTIFIER:
- A - FIRST IN SERIES OF EQUIPMENT
- B - SECOND IN SERIES OF EQUIPMENT
- ETC.

MISCELLANEOUS EQUIPMENT:
ELECTRICAL VEHICLE CHARGING STATION NUMBERING

EV<X> - (AREA)<Y>

<X> = SEQUENTIAL NUMBER
<Y> = LEVEL
(AREA) = CONCOURSE OR AREA

POWER - PLANS:

- WALL RECEPTACLE: DUPLEX, QUADPLEX
- SINGLE WALL RECEPTACLE, FACELESS GFCI REMOTE TEST BUTTON
- G — DENOTES GFCI
- W — DENOTES GFCI AND WEATHER PROOF
- * — DENOTES RECEPTACLE ABOVE COUNTER OR HEIGHT AS NOTED
- SPECIAL PURPOSE RECEPTACLE.
- CEILING RECEPTACLE: DUPLEX, QUADPLEX
- FB1 FB2 — FLUSH FLOORBOX RECEPTACLE. REFER TO SCHEDULE FOR QUANTITY AND TYPES OF DEVICES.
- PT1 PT2 — FLUSH POKE-THROUGH RECEPTACLE. REFER TO SCHEDULE FOR QUANTITY AND TYPES OF DEVICES.
- DENOTES SPLIT-WIRED, HALF SWITCHED / CONTROLLED REFER TO SPECIFICATIONS & PLANS FOR CONTROL INFORMATION.
- DENOTES FULL SWITCHED / CONTROLLED. REFER TO SPECIFICATIONS & PLANS FOR CONTROL INFORMATION.
- FB3 FB4 — SWITCHED / CONTROLLED FLUSH FLOORBOX RECEPTACLE. REFER TO SCHEDULE & PLANS FOR CONTROL INFORMATION.
- PT3 PT4 — SWITCHED / CONTROLLED FLUSH POKE-THROUGH RECEPTACLE. REFER TO SCHEDULE & PLANS FOR CONTROL INFORMATION.
- FB1 X, PT1 X — LETTER DESIGNATOR:
  - E = EMERGENCY
  - U = UPS
  - S = STANDBY
  - C = CRITICAL
  - H = SPLIT RECEPTACLE
  - T = TAMPERPROOF RECEPTACLE
  - IG = ISOLATED GROUND
  - P = SURGE PROTECTIVE DEVICE
  - A = AFCI
  - B = WITH USB OUTLETS
- 2NP1:42 — DENOTES PANELBOARD AND CIRCUIT NUMBER.
- 42 — DENOTES CIRCUIT NUMBER. REFER TO SHEET GENERAL NOTES FOR PANELBOARD.
- 1,3,5 1,3,5 — POWER POLE, POWER, COMBINATION CIRCUITS AS INDICATED.
- JUNCTION BOX
- H 1,3,5 — JUNCTION BOX HOME RUN. CIRCUITS AS INDICATED.
- F 1,3,5 — JUNCTION BOX HOME RUN & FURNITURE FEED. CIRCUITS AS INDICATED.
- CONNECTION TO EQUIPMENT PROVIDED BY OTHERS
- PUSH BUTTON STATION: SINGLE, DOUBLE
- ELECTRICAL EQUIPMENT
- PANELBOARD: SURFACE, RECESSED
- ENCLOSURE: SURFACE, RECESSED
- T — TRANSFORMER
- GROUND CONNECTION, GROUND ROD IN TEST WELL
- GROUND PAD
- PM — NETWORKED POWER METERING/MONITORING
- ENCLOSED CIRCUIT BREAKER
- B — BUSPLUG

FIRE ALARM:

- ES — SPRINKLER SYSTEM SWITCH: FLOW, TAMPER
- F M — MANUAL FIRE ALARM STATION, OUTPUT MODULE
- I H P — DETECTOR: IONIZATION, HEAT, PHOTOELECTRIC
- S BT S BR — DETECTOR: BEAM TRANSMITTER, BEAM RECIEVER
- DUCT DETECTOR, TYPE AS NOTED
- F — FIREMANS PHONE JACK
- MAGNETIC DOOR HOLDER, CLOSER

WALL	CEILING	NOTIFICATION DEVICES
F	F	FIRE ALARM: VISUAL
H F	H F	FIRE ALARM: HORN; HORN W/VISUAL
S F	S F	FIRE ALARM: SPEAKER; SPEAKER W/VISUAL
F	F	FIRE ALARM: BELL; BELL W/VISUAL
C F	C F	FIRE ALARM: CHIME; CHIME W/VISUAL

DESIGNATION SYMBOLS:

- 123.4 — STRUCTURAL ENABLING SCOPE IDENTIFIER
- E X — EXISTING TO REMAIN, EXISTING TO BE REMOVED
- R RE — REPLACE, RELOCATED EXISTING
- N C — NEW, CONNECT TO
- F — FUTURE
- 1 #### — NOTE
- --- ### — HARDWIRED CONNECTION, SEE SCHEDULE.
- ### — MECHANICAL/PLUMBING CONNECTION, SEE SCHEDULE.
- ITP XX — INTEGRATED TECH POLE

NOTE:

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.

LIGHTING LEGEND:

EMERGENCY	NORMAL	
NA		TRACK LIGHTING WITH , WITHOUT CURRENT LIMITER
		DOWNLIGHT: RECESSED: SQUARE, ROUND
		WALL WASHER: RECESSED: SQUARE, ROUND
		ADJUSTABLE ACCENT: RECESSED: SQUARE, ROUND
		DOWNLIGHT: SURFACE: SQUARE, ROUND
		WALL WASHER: RECESSED SQUARE, ROUND
		ADJUSTABLE ACCENT: SURFACE: SQUARE, ROUND
		ADJUSTABLE ACCENT: MULTILAMP
		LINEAR: RECESSED
		LINEAR: RECESSED ASYMMETRIC
		LINEAR: SURFACE
		LINEAR: SURFACE ASYMMETRIC
		LINEAR: SUSPENDED
		LINEAR: SUSPENDED ASYMMETRIC
		LINEAR: WALL MOUNTED
		LINEAR: WALL MOUNTED ASYMMETRIC
		STRIP LIGHT
NA		LINEAR: UNDERCABINET
		LINEAR ACCENT: ARCHITECTURE INTEGRATED
		PENDANT: SQUARE, ROUND
	NA	EXIT SIGN: TOP SURFACE OR TOP RECESSED: SINGLE , DOUBLE
	NA	EXIT SIGN: SIDE OR FLAG MOUNT: SINGLE , DOUBLE
	NA	EXIT SIGN: BACK SURFACE MOUNT
		WALL MOUNTED: RECESSED: SQUARE, ROUND
		WALL MOUNTED: SURFACE: SQUARE, ROUND
		POLE-MOUNTED: AREA: SQUARE, ROUND
		POLE-MOUNTED: STREET: RECTANGULAR, OVAL
		POLE-MOUNTED: PEDESTRIAN: SQUARE, ROUND
		BOLLARD 360: SQUARE, ROUND
		BOLLARD 180: SQUARE, ROUND
NA		INGRADE SQUARE, ROUND
NA		INGRADE ADJUSTABLE SQUARE, ROUND
NA		FLOOD LIGHT
$	$2	WALL SWITCH: 1 POLE, 2 POLE
$2	$4	WALL SWITCH: 3 WAY, 4 WAY
$K	$M	WALL SWITCH: KEY LOCK, MOMENTARY
$LV	$P	WALL SWITCH: LOW VOLTAGE, PILOT
$T	$D	WALL SWITCH: TIMER, MANUAL DIMMER
$OS		WALL SWITCH: COMBINATION OCCUPANCY SENSOR / SWITCH
		CONTROL STATION SUGGESTED LOCATION
$OSD	$VSD	WALL SWITCH COMBINATION OCCUPANCY SENSOR / DIMMING SWITCH, VACANCY SENSOR/DIMMING SWITCH
L#, F# ; YY		DESIGNATES LUMINAIRE TYPE (SEE LUMINAIRE SCHEDULE) YY DENOTES UNIQUE FIXTURE ID (WHERE DMX CONTROLLED)
Z#	Z#E	DESIGNATES NORMAL LUMINAIRE ZONE, DESIGNATES EMERGENCY LUMINAIRE ZONE (SEE LIGHTING CONTROL SCHEDULE)
EM		DESIGNATES EMERGENCY FIXTURE
		PHOTOELECTRIC CELL: WALL MOUNTED, CEILING MOUNTED
		OCCUPANCY SENSOR: CEILING OR WALL MOUNTED
		"X" DESIGNATES DEVICE TYPE:
		U: ULTRASONIC
		R: INFRARED
		DT: DUAL TECHNOLOGY
		LIGHTING CONTROL RELAY SUGGESTED LOCATION
		LIGHTING DRIVER SUGGESTED LOCATION
		POWER PACK SUGGESTED LOCATION

POWER - SINGLE LINE DIAGRAM & RISER:

- CIRCUIT BREAKER, ENCLOSED, WITH GROUND FAULT PROTECTION, DRAW OUT
- DISTRIBUTION BOARD, WITH INTERNAL BUS
- PANEL NAME T — PANELBOARD, TRANSFORMER
- T T — SERVICE TRANSFORMER, WITH VAULT
- G — GENERATOR, AUTOMATIC TRANSFER SWITCH
- M — UTLITY METER, METER
- V A — VOLTAGE SENSOR, CURRENT SENSOR
- SPD — SURGE PROTECTION DEVICE, PUSH BUTTON
- ELECTRICAL BUSDUCT RISER , BUS PLUG-IN CIRCUIT BREAKER, BUS PLUG-IN FUSED SWITCH
- XX SH# XXXX — FEEDER CONTINUATION CALLOUT, FEEDER TAG
- FEEDER: DROP, RISE, CAP, BREAK, CONTINUATION
- SWITCH, FUSED SWITCH, SWITCH WITH OPERATOR
- F — DISCONNECT, FUSED DISCONNECT, ENCLOSED CIRCUIT BREAKER
- MOTOR, MOTER WITH CONTROLLER, MOTOR WITH STARTER
- PV ARRAY, INVERTER
- PM PM — NETWORKED POWER METERING/MONITORING
- ES — ETHERNET SWITCH
- M — UTILITY METER, OR TENANT PROVIDED METER

NO.	DATE	BY	REVISIONS	VFD
B▲				

NO.	DATE	BY	REVISIONS	VFD
A▲				

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OREGON
JULY 13, 1999
GRANT R. PARTHEMER
7/24/26
EXPIRES: 12/31/2026

PORTLAND INTERNATIONAL AIRPORT
TERMINAL AND CONCOURSES WAYFINDING SIGNAGE
SYMBOLS, LEGENDS, & ABBREVIATIONS - ELECTRICAL

SUBMITTED BY	JAY OSTLUND
DESIGNED BY	D. PEEK
DRAWN BY	P. MARKS
CHECKED BY	G. PARTHEMER
DATE	AUGUST 2026
SHEET NO.	38
TYPE	CD
DRAWING NO.	PDX 2026-512
DISC. SHT. NO.	E0.001

DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 17" x 22". GRAPHIC SCALE FOR REFERENCE ONLY.

IF ELECTRONIC SIGNATURE IS BROKEN OR MISSING - THIS IS NOT A LEGAL DRAWING