ADDENDUM #1 – AUGUST 9, 2023

- RE: COQUILLE PUBLIC LIBRARY **Building Renovation and Addition** Project #22.37
- FROM: HGE ARCHITECTS, Inc. 333 South 4th Street Coos Bay, Oregon 97420 541-269-1166



TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Documents dated July 2023, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disgualification.

This Addendum consists of **THREE (3)** page(s) together with the following attachments:

- **Specification Section 32-3300 Site Furnishings** •
- Sheet E1.1 Electrical Schedules
 Sheet E2.1 First Floor Lighting Plan
- Sheet E3.1 First Floor Power Plan

CHANGES TO PROJECT MANUAL:

- 1. Section 00-0110 Table of Contents, Paragraph 2.19 Division 32 Exterior Improvements. Add "G. 32-3300 Site Furnishings"
- 2. Section 01-1000 Summary, Paragraph 1.03 Work By Owner, B. Add Item "9. Asbestos Abatement"
- 3. Section 02-2113 Instructions to Bidders, Paragraph 5.01, C. Delete "Bidder is required to be licensed for asbestos abatement under ORS 468A.720."
- 4. Section 04-4200 Exterior Stone Cladding, Paragraph 2.01, B.2. Color to be Dakota Mahogany. Add "4. Thickness: 2 cm"
- 5. Section 08-7100 Door Hardware, Paragraph 4.04, B.: HW-26 Existing Door-Motorized Operator Item 1., Revise to read "Lockset - existing"
- 6. Section 09-5153 Direct Applied Acoustical Ceilings, 2.02, E. Perimeter Moldings

Add "Basic of Design: Fry Reglet, 'J' acoustical trim, #JAM-875".

7. Section 32-3300 Site Furnishings. Add Section in its entirety (bollards, flag pole, ADA site signage).

CHANGES TO DRAWINGS:

1. Sheet A-101 Site Plan

At the East 3rd Street Sidewalk, add notes at north edge of site: "Existing power pole, see E1.0 for additional info." and "Contractor to saw cut conc. & trench for power and data conduit. Patch back to match. Refer to E1.0"

Sheet A-210 First Floor Plan – Demo, Sheet A-210 Foundation Plan, Sheet A-211 First Floor Plan, Sheet A-701 Schedules Delete Door B1B.

3. Sheet P-200 thru P-203

Delete all notes regarding Alternate Bid for roofing, roof drains, and other associated work. All roofing, roof drains, overflow drains, flashing, and other associated work is all part of the Base Bid.

4. Sheet E1.0 Site Plan

Revise Service Disconnect note from 800 amps to 600 amps.

5. Sheet E1.1 Electrical Schedules - Attached

Light Fixture Schedule:

- Light fixture type C3/C8, Revise fixture Type Description to "Ceiling / wall corner linear LED"
- Light fixture type D6 Revise from Recessed Downlight to Wafer Downlight
- Light fixture type W8 Added

Panel "L1":

- Add circuit 29 to panel L1 for dedicated book drop cart.

Panel "L2":

- Revise Loads: Connected VA and Diversified VA

6. Sheet E2.1 First Floor Lighting Plan – Attached

- a. Revise main light switch bank locations, from the right of the door into the Workroom to the left of the door. Stack the switch banks.
- b. On the North wall of Collections, Delete the central (4) W2 fixtures. Replace with (3) W8.

7. Sheet E3.0 Foundation Floor Power Plan

- a. Revise Service Disconnect note from 800 amps to 600 amps.
- b. Revise Main Distribution Panel from 800 amps to 600 amps.

8. Sheet E3.1 First Floor Power Plan – Attached

- a. Revise Service Disconnect note from 800 amps to 600 amps.
- b. Revise Main Distribution Panel from 800 amps to 600 amps.
- c. Add floorbox to existing circuit near front entry
- d. Relocate receptacles & Data in Director's Office. Added data drop.
- e. Relocate receptacle for dedicated book drop cart to the left of the Work Room door.
- f. Delete work related to "Book Security Scanner".

SUBSTITUTION APPROVALS:

SPECIFIED	SECTION	SPECIFIED ITEM	APPROVED		
07-5400 Membrane I	Thermoplastic Roofing	PVC Single Ply Roofing	Soprema Sentinel P-150 60 mil PVC membrane		
07-5400 Thermoplastic Membrane Roofing		Fully Adhered Parapet Flashings	Duro-Last Roofing Mechanically Fastened Systems, Parapet Flashing		
09-3000	Tiling	Mortar materials, Grouts	Ardex Americas		
26-5100	Lighting	Type D6 Luminaire	Elite – RL675 - 6" round Slim LED		
26-5100	Lighting	Type D9S Luminaire	Kenall – Millenium Square, MS11 Low Profile Housing		
26-5100	Lighting	Type FP4 Luminaire	Day-Brite – Recessed Backlit Panel		
26-5100	Lighting	Type L4, L6 & L8 Luminaire	HE Williams – Slimline Architectural		
26-5100	Lighting	Type S8 Luminaire	Focal Point – Seem 4 - suspended		
26-5100	Lighting	Type W2 Luminaire	Teka – Beacon wall mount – 18" arm		
26-5100	Lighting	Type W8 Luminaire	Focal Point – Seem 4 – wall mount		
26-5100	Lighting	Type P12 Luminaire	Lightolier – RD Series - Deco Pendants		

END OF ADDENDUM #1

SECTION 32-3300 SITE FURNISHINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

- Bollards. Α.
- Β. Flag pole.
- C. ADA site signage.

1.02 **RELATED REQUIREMENTS**

Α. Section 03-3000 - Cast-in-Place Concrete: Bollard infill and underground encasement.

1.03 **REFERENCE STANDARDS**

Α. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless 2012.

SUBMITTALS 1.04

- Α. See Section 01-3000 - Administrative Requirements, for submittal procedures.
- Product Data: Provide manufacturer's specifications and descriptive literature, installation Β. instructions, and maintenance information.

PART 2 PRODUCTS

2.01 **MANUFACTURERS**

- Α. Metal Furnishings:
 - 1. SiteScapes, Inc: www.sitescapesonline.com/#sle.
 - Substitutions: See Section 01-6000 Product Requirements. 2.
- Β. Steel Pipe Bollards:
 - Reliance Foundry Co. LTD.; www.reliance-foundry.com. 1.
 - 2. Substitutions: See Section 01-6000 - Product Requirements.

2.02 PERFORATED STEELSQUARE TUBE SIGN SUPPORTS

- Α. 2" x 2" Square Sign Posts.
- Β. 2.25" x 2.25" x 0.105", 12 gauge, galvanized steel finish. Holes at 1-inch on center, on all four sides.

2.03 TYPE OF SIGNS

Α. ADA Parking R7-8, two (2) each required.

Coquille Public Library Building -	32-3300 - 1
Renovation and Addition	July 2023

- 1. White, retroreflective sheeting (background).
- 2. Green, retroreflective sheeting (legend).
- 3. White on blue, retroreflective sheeting (symbol).
- 4. Sign blank sheet aluminum.
- 5. Size: 12" X 18", handicap reserved parking.
- B. Van Accessible R7-8P, one (1) each required.
 - 1. White, retroreflective sheeting (background).
 - 2. Green, retroreflective sheeting (legend).
 - 3. Sign blank sheet aluminum.
 - 4. Size: 18" X 9", van accessible.
- C. Stop R1-1, one (1) each required.
 - 1. Red, retroreflective sheeting (background).
 - 2. White, retroreflective sheeting (legend).
 - 3. Sign blank sheet metal.
 - 4. Size: 30"x30".
- D. Materials for signs shall conform to ODOT/APWA, Section 02910 of the Standard Specification for Construction, 2018 Edition, or current.

2.04 BOLLARDS

- A. Crash-rated Steel Pipe Bollards: Hollow steel pipe with rings.
 - 1. Shape: Round.
 - 2. Diameter: 4 inches.
 - 3. Height Above Grade: 36 inches.
 - 4. Depth Below Grade: 30 inches.
 - 5. Materials:
 - a. Steel Pipe: ASTM A53/A53M, standard weight.
 - b. Factory Finish: Powder coated.
 - c. Color: As selected by Architect from manufacturer's standard range.
 - 6. Mounting: In-ground.
 - 7. Products:
 - a. Reliance Foundry Co. Ltd; Bollard R-1009-40 C40: www.reliance-foundry.com/#sle.
 - b. Substitutions: See Section 01-6000 Product Requirements.
- B. Bollard Covers: Steel, mounted over existing bollard.
 - 1. Shape: Round.
 - 2. Diameter: 8 5/8" inches.
 - 3. Height Above Grade: 42 inches.
 - 4. Cap: Flat plate.
 - 5. Factory Finish: 316 Stainless. Satin No. 6, buffed..
 - 6. Products:
 - a. Reliance Foundry Co. Ltd; Bollard Cover R-7307-EX: www.reliance-foundry.com/#sle.
 - b. Substitutions: See Section 01-6000 Product Requirements.

2.05 FLAGPOLE:

- A. Manufacturer:
 - 1. American Flagpole; www.americanflagpole.com.
 - 2. Flagpole Warehouse, www.flagpolewarehouse.com.
 - 3. Substitutions: See Section 01-6000 Product Requirements.

B. Products:

2.

- 1. American Flagpole Coastal Series: CIRW Coastal Internal Reinforced with Winch, Wire Halyard, Gound Set
 - a. Mounting: Ground Set.
 - b. Outside Butt Diameter: 7 inches, verify with wind load.
 - c. Outside Tip Diameter: 3-1/2 inches, verify wind load.
 - d. Nominal Wall Thickness: 0.250 inches, or as required for meeting wind load.
 - e. Nominal Height: 30 ft; measured from nominal ground elevation.
 - f. Halyard: Interior type.
 - Performance Requirements: Flag Size appropriate for 30 foot pole.
 - a. Flagpole with Flag Flying: Resistant without permanent deformation to 150 miles/hr wind velocity; non-resonant; safety design factor of 2.5.
 - b. Flagpole without Flag: Resistant without permanent deformation to 255 miles/hr wind velocity; non-resonant; safety design factor of 2.5.
- 3. Pole Materials:
 - a. Aluminum: ASTM B221 (ASTM B221M) 6063 alloy; T6 temper.
- 4. Operators:
 - a. Stainless Steel Winch Assembly with Removable Hand Crank.
 - b. Flush mount access door with compression lock and key.
- 5. Mounting Components:
 - Foundation Tube Sleeve: Galvanized corrugated steel foundation tube, .0635"-16 Gauge (1.6 mm) minimum wall thickness, sized to suit flagpole and installation.
 Provide with 3/16" steel bottom plate and steel centering wedges. Foundation tube will consist of all welded construction.
 - b. Pole Base Attachment: Flush; steel base with base cover per manufacturer's recommendation.
 - c. Lightning Ground Rod: 3/16" support plate, ³/₄" (19 mm) diameter x 18" long steel ground lightning spike.
- 6. Accessories:
 - a. Beacon light; 120v, 12v output. LED bulb, revolving 359 degrees.
 - b. Truck Assembly: Cast aluminum; revolving, stainless steel ball bearings, non-fouling.
 - c. Internal Halyard Assembly: stainless steel wire cable halyard; two (2) heavy-duty stainless steel swivel snap hooks, two (2) neoprene snap hook covers; beaded sling assembly; and a plastic coated counterweight.
 - d. Flash Collar: Provide heavy duty, Spun Aluminum Collar. Finish to match flagpole.
- 7. Finishing:
 - a. Aluminum: Satin Aluminum.
- C. Quantity: One.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify proper installation of mounting surfaces, preinstalled anchor bolts, and other mounting devices; and ready to receive site furnishing items.
- B. Do not begin installation until unacceptable conditions are corrected.

3.02 INSTALLATION

A. Install site furnishings in accordance with approved shop drawings, and manufacturer's installation instructions.

- B. See Section 03-3000 for bollard infill and underground encasement.
- C. Conform to ODOT/APWA, Section 00930 of the Standard Specifications for Construction, 20188 Edition.
- D. Provide level mounting surfaces for site furnishing items.

3.03 FLAGPOLE INSTALLATION

A. Preparation:

- 1. Excavation for flagpole foundations:
 - a. Excavate to neat clean lines in undisturbed soil.
 - b. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete.
- 2. Foundation:
 - a. Provide forms where required due to unstable soil conditions and for perimeter of flagpole base at grade.
 - b. Secure forms and galvanized steel ground sleeve foundation tube in position, braced to prevent displacement during concreting. Place concrete immediately after mixing. Compact concrete in place using vibrators.
 - c. Moist-cure exposed concrete for not less than 7 days or use a non-staining curing compound. Trowel exposed concrete surfaces to a smooth, dense finish, free of trowel marks and uniform in texture and appearance. Provide positive slope for water runoff to base perimeter.
- 3. Verify that concrete foundation is ready to receive work and dimensions are as indicated on shop drawings.

B. Installation:

- 1. Install flagpoles where shown and according to shop drawings and manufacturer's written instructions.
- 2. Install flagpole in foundation tube, seated on bottom plate between steel centering wedges.
- 3. Plumb flagpole and install hardwood wedges to secure flagpole in place.
- 4. Place and compact sand in foundation tube to within 2" of the top of tube.
- 5. Remove hardwood wedges and seal top of foundation tube with a 2-inch (50 mm) layer of elastometric sealant or cement.
- 6. Cover with flashing collar.
- C. Tolerances:
 - 1. Maximum Variation from Plumb: 1 inch.
- D. Adjusting:
 - 1. Adjust operating devices so that halyard and flag function smoothly.

END OF SECTION

	XTURE SCHEDULE	1ST FLOOR LIGHTING PANEL		FAULT CURRENT = 13,487	MEC MEC
			120 / 208 VOLTS	3-PHASE, 4-WIRE	
B / BARTCO - WEDGE	TYPE: A CEILING / WALL CORNER LINEAR LED		ALUMINUM: 3" C, 4 *300 PH, *4 GRD	FLUSH MOUNTED	
BSS745-34-35-ND-R-SM-SN-AW	TRIM: $\angle 1$ white - frosted lens LENGTH: C3 = 34" NOMINAL, C8 = 96"	LOAD DISTRIBUTION	LTG REC MOTOR DATA EXTG HEAT MISC PH-A PH-B PH-C TOT	AL AMPS WITH SPARE 25%	AHU – 1 AIR HANDLING UNIT
	MDUNTING: SURFACE - CEILING / WALL CORNER	CENNECTED VA	1225 12960 2352 0 0 2250 500 6806 6571 5910 192	B7 57 24109 ∨A 71	HP - 1 HEAT PUMP
LITHONIA	LAMPS: LED 3500K, 815 LUMENS/FT, 7.2 WATTS/FT TYPE: 6" LED WAFER DDWNLIGHT	DIVERSITY FACTOR	125% 89% 100% 100% 100% 1531 11480 2352 0 0 2250 500 6322 6159 5633 181	13 53 22642 VA 66	AHU - 2 AIR HANDLING UNIT
WF6 LED 27K30K35K	TRIM: SELF FLANGED				HP - 2 HEAT PUMP
	MDUNTING: RECESSED - VERIFY CEILING TYPE LAMPS: LED 3500K, 1100 LUMENS, 14 WATTS	PL T LOAD	✓A HP PHW GND C□N BKR PH BKR C□N GND PHW HF 180 12 12 1/2 20 1 A 1 20 1/2 12 12	Y VA L□AD T PL 360 REC: PC STATIONS R 2	RTU – 1 ROOF TOP UNIT
LITHONIA	TYPE: 6" LED RECESSED WALLWASH	3 R DATA RACK	180 12 1/2 1/2 20 1 A 1 20 1/2 12 12 180 12 12 1/2 20 1 B 1 20 1/2 12 12	360 RECIPCISTATIONS R 2 360 RECIPCISTATIONS R 4	PEF - 1 POWER EXHAUST
LDN6 35/2000 LW6 AR LD MVOLT EL	TRIM: WALL WASH – SELF FLANGED, CLEAR DIFFUSE MDUNTING: RECESSED – VERIFY CEILING TYPE	5 R REC: UTILITY B1	540 12 1/2 20 1 C 1 20 1/2 12 12	360 REC: PC STATIONS R 6	RTU - 2 ROOF TOP UNIT
	BATTERY: EMERGENCY BATTERY PACK	7 R REC; WORK RM	540 12 1/2 20 1 A 1 20 1/2 12 12	360 RECIPC STATIONS R 8	PEF - 2 POWER EXHAUST
LUMINIS – SCENA	LAMPS: LED 3500K, 2000 LUMENS, 23 WATTS TYPE: 9" SQUARE CEILING LIGHT	9 R REC: WORK RM 11 R REC: WORK RM	540 12 1/2 20 1 B 1 20 1/2 12 12 360 12 12 1/2 20 1 C 1 20 1/2 12 12	540 REC: TEEN W.WALL R 10 720 REC: TEEN WINDDW R 12	RTU - 3 ROOF TOP UNIT
	HEUSING: DIE-CAST ALUMINUM		360 12 1/2 20 1 C 1 20 1/2 12 12 540 12 12 1/2 20 1 A 1 20 1/2 12 12	720 REC: TEEN FLR /WALL R 14	PEF - 3 POWER EXHAUST
		15 R REC: LIBRARY DFF	540 12 12 1/2 20 1 B 1 20 1/2 12 12	360 REC ¹ CIRC, DESK R 16	DHP - 1 MINI-SPLIT - DUTDOOR
	LAMPS: LED 3500K, 1800 LUMENS, 23 WATTS TYPE: 2 X 4 LED FLAT PANEL	17 R REC: LIARARY DFF	540 12 1/2 20 1 C 1 20 1/2 12 12	360 REC: CIRC. DESK R 18	IHP - 1 MINI-SPLIT - INDOOR
	HOUSING: ALUMINUM FRAME	19 R REC: E. DPAC	180 12 1/2 20 1 A 1 20 1/2 12 12 540 12 12 1/2 20 1 B 1 20 1/2 12 12	540 REC: VAULT R 20	DHP - 2 MINI-SPLIT - DUTDOOR
	FINISH: WHITE POLYESTER COATING MOUNTING: SURFACE - CEILING	21 R REC: DIRECTOR OFF 23 R REC: DIRECTOR OFF	540 12 1/2 20 1 B 1 20 1/2 12 12 360 12 12 1/2 20 1 C 1 20 1/2 12 12	540 REC: NW CORNER R 22 180 REC: W. OPAC R 24	IHP - 2 MINI-SPLIT - INDOOR
	LAMPS: LED, 82 CRI, 3,500K, 5,000 LUMEN (32/42/52 WATTS)		360 12 12 1/2 20 1 C 1 20 1/2 12 12 900 12 12 1/2 20 1 A 1 20 1/2 12 12	100 REC W. LFAC R 24 360 BDDK SECURITY R 26	EF-1 EXHAUST FAN
FINELITE - SERIES 16 LED S16 LED ID-DCD-4'-2E-V-835-10U90D	TYPE: 4 FT LINEAR PENDANT – BREAK ROOM HOUSING: ALUMINUM FRAME	27 R REC: CIRCULATION	360 12 1/2 20 1 B 1 20 1/2 12 12	360 BOOK SECURITY R 28	EF-2 EXHAUST FAN
-120V-SC-FA-FE-C4	FINISH: WHITE POLYESTER COATING	29 R REC: SW COLLECTION	360 12 1/2 20 1 C 1 20 1/2 12 12	180 DEDICATED CPU CRT R 30 /1	EF-2 EXHAUST FAN
	MDUNTING: CEILING - SUSPENDED LAMPS: LED, 80 CRI, 3,500K, 3100 LUMEN (36 WATTS)		1176 1/2 12 1/2 1/2 20 1 A 1 20 1/2 1176 1/2 12 1/2 20 1 B 1 20 1/2	0 SPARE 32 0 SPARE 34	EWH - 1 ELECTRIC WALL HEAT
VODE - ZIP TWO	TYPE: LOW-PROFILE LED STRIP	33 M N. ADA DUURS 35 H HEATER – EAST	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 SPARE 34 200 E. SIGN L 36	EWH - 2 ELECTRIC WALL HEAT
707-Z2 SL LENGTH C RP AE 1 0 Z	HEUSING: EXTRUDED ALUMINUM	37 H HEATER - NDRTH	750 X 12 12 1/2 20 1 A 1 20 1/2 12 12	200 N. SIGN L 38	EWH - 3 ELECTRIC WALL HEAT
SD 35 S4 0 WH 0	DIFFUSER: HIGH-IMPACT EXTRUDED ACRYLIC MOUNTING: SURFACE - CLIP	39 H HEATER - STAIR	750 12 12 1/2 20 1 B 1 20 1/2 12 12	325 LTS - BLDG EXTERIOR L 40	WH-1 WATER HEATER
	LENGTH: L4 = 4 FT, L6 = 6 FT, L8 = 8 FT	41 D FIRE ALARM CNTL	500 12 1/2 1/2 20 1 C 1 20 1/2 12 12	500 READERBOARD L 42	RCP-1 RECIRC. PUMP
	FINISH: WHITE LAMPS: LED 3500K, 700 LM/FT, 6.6 W/FT			FED FROM PANEL 'MDP'	ELEVATOR
S POULSEN - CIRQUE	TYPE: SMALL PENDANT				SP - 1 SUMP PUMP E
	SHADE: ACRYLIC MOUNTING: CABLE - SEE ARCHITECTURAL SECTION A-302	2ND FLR LIGHTING PANEL	PANEL ' L2 '	FAULT CURRENT = 12,009	
	FINISH: TBD BY ARCHITECT		ILO 120 / 208 VOLTS	3-PHASE, 4-WIRE	KEYED NOTES
	LAMPS: LED 3500K, 832 LUMENS, 22 WATTS TYPE: 21" DIAMETER STAIR PENDANT		ALUMINUM: 3" C, 4 *300 PH, *4 GRD	FLUSH MOUNTED	1 MOTOR RATED SWITCH .
ting - STONE -2370-H-N-TBD-3-DM-38	TYPE: 21" DIAMETER STAIR PENDANT SHADE: ACRYLIC				2 VERIFY ALL REQUIREMENTS WIT
	MDUNTING: STEM - 38''		LTG REC MOTOR DATA EXTG HEAT MISC PH-A PH-B PH-C TOT		IS FOR A 20 HP ELEVATOR WIT
	FINISH: TBD BY ARCHITECT LAMPS: LED 3500K, 3956 DDWN + 1213 UP LUMENS, 51 WATTS		7403 11235 0 0 8000 0 8995 10023 7620 266 125% 95% 100% 10% 10%	38 84 33298 VA 104	
IGHTING - CYLINDRO 2	TYPE: LED PENDANT - DPEN RING		9254 10618 0 0 0 8000 0 9062 10668 8142 278	71 89 34839 ∨A 111	6/22/2023
	LENS/HOUSING: 36" DIAMETER ALUMINUM – ACRYLIC LENS MOUNTING: CABLE HUNG – CENTRAL		VA HP PHW GND CON BKR PH BKR CON GND PHW HF		\
	8'-5 3/8'' AFF - SEE ARCH, SECTION A-301		4000 8 10 3/4 50 2 A 1 20 1/2 12 12	90 REC: CIRC, PUMP R 2	
	FINISH: WHITE LAMPS: LED 3500K, 5580 LUMENS, 73 WATTS		4000 8 10 374 50 2 A 1 20 172 12 12 4000 B 1 20 172 12 12 12	720 REC: HALL & TUILETS R 4)
IT - HUNTINGTON 3	TYPE: 8 FT LED STACK - PENDANT		1176 1/2 12 12 1/2 20 1 C 1 20 1/2 12 12	720 REC: CIRCULATION R 6	\checkmark
	HOUSING: EXTRUDED ALUMINUM - MATTE WHITE	7 R BREAK COUNTER	180 12 12 1/2 20 1 A 1 20 1/2 12 12	540 REC: SW PRDGRAM R 8	1
ULL MEOBW 835 VU DN WP AC	MDUNTING: CABLE-HUNG 9'-10" AFF SEE ARCH. SECTION A-301 DRIVER: INTEGRAL DRIVER, ND CANDPIES	9 R BREAK SINK CNTR	360 12 12 1/2 20 1 B 1 20 1/2 12 12 1200 12 12 1/2 20 1 C 1 20 1/2 12 12	540 REC: NV PROGRAM R 10	J
	DIRECT/IND: UP: DLL 1.84 W/FT , DOWN: DHL 9.46 W/FT	11 R DISHWASHER 13 R REC: BREAK WALL	1200 L 12 12 1/2 20 1 C 1 20 1/2 12 12 540 12 12 1/2 20 1 A 1 20 1/2 12 12	540 REC: NE PRIIGRAM R 12 540 REC: SE PRIIGRAM R 14	2
ESS LIGHTING - SANDPIPER	LAMPS: LED 3500K, 5200 LUMENS, 45.5 WATTS TYPE: UP / DDWN LED CYLINDER	15 R REC: BREAK WALL	340 12 12 1/2 20 1 P 1 20 1/2 12 12 180 12 12 1/2 20 1 B 1 20 1/2 12 12	720 FLOOR BOXES R 16	
20036-LEDMG-BRZ/FST	FINISH: BRONZE	17 R REC: SERV. CNTR	180 12 1/2 1/2 20 1 C 1 20 1/2 12 12	720 FLOOR BOXES R 18	
– LEDWALL-A-BK – CDLED	MEUNTING: SURFACE - WALL LAMPS: LED 3000K, 3400 LUMENS, 30 WATTS	19 R REC: SERV. CNTR	180 12 12 1/2 20 1 A 1 20 1/2 12 12	0 20	
RN LIGHT ELECTRIC CO - DOMINION	TYPE: 12" WALL SCONCE	21 SPARE	0 1/2 20 1 B 1 20 1/2 12 12 0 1/2 1/2 20 1 C 1 20 1/2 12 12	0 22	
BLEG-SBD12-TBD-G24-TBD-NA-NA-NA-NA	HOUSING: EXTRUDED ALUMINUM	23 SPARE 25 R REC: STURAGE 20	0 1/2 20 1 C 1 20 1/2 12 12 630 12 12 1/2 20 1 A 1 20 1/2 12 12	0 24	∧7' (
LED27-3000K-FL	FINISH: TBD BY ARCHITECT MOUNTING: SURFACE - WALL ON 22 3/4" GOOSENECK ARM	27 SPARE	0 1/2 20 1 B 1 20 1/2 12 12	1131 LTS - EAST SIDE L 28	/
	LAMPS: LED 3000K, 2000 LUMENS, 27 WATTS	29 SPARE	0 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1038 LTS - STAIRS & PEND L 30	<
ANT – HUNTINGTON 3 HTGDU-3W TD LENGTH DHL MEOBW	TYPE: 8 FT LED - WALL MOUNTED HOUSING: EXTRUDED ALUMINUM - MATTE WHITE	X 31 SPARE	0 1/2 20 1 A 1 20 1/2 12 12	1119 LTS - ADMIN L 32	
	MDUNTING: SURFACE - WALL 9" ARM	33 SPARE 35 SPARE	0 1/2 20 1 B 1 20 1/2 12 12 0 1/2 1/2 20 1 C 1 20 1/2 12 12	1274 LTS - STACKS - A L 34 1274 LTS - STACKS - B L 36	J
	DIRECT/IND: UP: DLL 1.84 W/FT , DDWN: DHL 9.46 W/FT LAMPS: LED 3500K, 5200 LUMENS, 45.5 WATTS	35 SPARE 37 SPARE	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		\sim
	LED JUUN, JEUU LUMENJ, 4JJ WALIS	39 L LTS: PROGRAM 25	795 12 1/2 20 1 B 1 20 1/2 12 12	303 ELEVATOR PIT LTS R 40	$\left(\begin{array}{c} \underline{z} \\ \overline{E1.1} \end{array} \right)$
	TYPE: LED EXIT SIGN WITH EMERGENCY LIGHT BAR	41 L LTS ¹ 2ND FLOOR	572 12 1/2 20 1 C 1 20 1/2 12 12	200 ELEVATOR CAR L 42	
	HOUSING: THERMOPLASTIC OR POLYCARBONATE				
			8/4/2023	FED FROM PANEL 'MDP'	
	HDUSING: THERMOPLASTIC OR POLYCARBONATE FINISH: WHITE HOUSING WITH RED LETTERS MOUNTING: FIELD VERIFY MOUNTING LAMPS: LED	L2 ALL CIRCUIT CONDUCTORS SIZED FOR		FED FROM PANEL 'MDP' 22,21 Schedules	
	HOUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERY	L2 ALL CIRCUIT CONDUCTORS SIZED FOR		22.21 Schedules	
HDNIA – Z SERIES	HOUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHT	L2 ALL CIRCUIT CONDUCTORS SIZED FOR MECHANICAL	PANEL ' M '	22.21 Schedules FAULT CURRENT = 13,606	
IA - Z SERIES .D L48 SMR 5000LM FST M∨DLT 35K	HOUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENS	L2 ALL CIRCUIT CONDUCTORS SIZED FOR MECHANICAL 400 AMP	PANEL ' M ' ILO 120 / 208 VOLTS	22.21 Schedules FAULT CURRENT = 13,606 3-PHASE, 4-WIRE	600 AMP M FEEDER SIZE
HDNIA - Z SERIES ZL1D L48 SMR 5000LM FST M∨DLT 35K 80CRI WH	HDUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENSFINISH:WHITE POWDER COATMOUNTING:SURFACE - WALL	L2 ALL CIRCUIT CONDUCTORS SIZED FOR MECHANICAL	PANEL ' M '	22.21 Schedules FAULT CURRENT = 13,606	
⊡NIA - Z SERIES ZL1D L48 SMR 5000LM FST M∨⊡LT 35K 80CRI WH	HDUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENSFINISH:WHITE POWDER COATMOUNTING:SURFACE - WALLLAMPS:LED, 3,500K, 5,000 LUMEN (41 WATTS)	HECHANICAL MECHANICAL 400 AMP M FEEDER SIZE LOAD DISTRIBUTION	PANEL ' M ' ILO 120 / 208 VOLTS	22.21 Schedules FAULT CURRENT = 13,606 3-PHASE, 4-WIRE FLUSH MOUNTED	FEEDER SIZE
DNIA - Z SERIES ZL1D L48 SMR 5000LM FST M∨⊡LT 35K B0CRI WH	HDUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENSFINISH:WHITE POWDER COATMOUNTING:SURFACE - WALL	HECHANICAL MECHANICAL 400 AMP M FEEDER SIZE LOAD DISTRIBUTION CONNECTED VA	PANEL ' M ' ILO I2Ø / 2Ø8 VOLTS ALUMINUM: 2 SETS - 3'' C, 4 *300 PH, *1/0 GRD LTG REC MUTOR DATA EXTG HEAT MISC PH-A PH-B PH-C TOT 0 360 36971 0 0 17130 0 19258 17418 17785 544	22.21 Schedules FAULT CURRENT = 13,606 3-PHASE, 4-WIRE FLUSH MOUNTED AL AMPS WITH SPARE 25%	FEEDER SIZE
DNIA - Z SERIES ZL1D L48 SMR 5000LM FST M∨⊡LT 35K 80CRI WH	HDUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENSFINISH:WHITE POWDER COATMOUNTING:SURFACE - WALLLAMPS:LED, 3,500K, 5,000 LUMEN (41 WATTS)	RWISE	PANEL ' M ' ILO 120 / 208 VOLTS ALUMINUM: 2 SETS - 3" C, 4 *300 PH, *1/0 GRD LTG REC MOTOR DATA EXTG HEAT MISC PH-A PH-B PH-C TOT 0 360 36971 0 0 17130 0 19258 17418 17785 544 125% 100% 100% 65% 100% 100% 100%	22.21 Schedules FAULT CURRENT = 13,606 3-PHASE, 4-WIRE FLUSH MOUNTED AL AMPS WITH SPARE 25% 61 161 68076 VA 201	FEEDER SIZE
LITHONIA - Z SERIES ZL1D L48 SMR 5000LM FST MVOLT 35K 80CRI WH	HDUSING:THERMOPLASTIC OR POLYCARBONATEFINISH:WHITE HOUSING WITH RED LETTERSMOUNTING:FIELD VERIFY MOUNTINGLAMPS:LEDBATTERY:NI-CAD BATTERYNDTE:DOUBLE FACE AS NECESSARYTYPE:LED STRIP LIGHTHOUSING:COLD-ROLLED STEEL, ACRYLIC LENSFINISH:WHITE POWDER COATMOUNTING:SURFACE - WALLLAMPS:LED, 3,500K, 5,000 LUMEN (41 WATTS)	RERWISE	PANEL ' M ' ILO I2Ø / 2Ø8 VOLTS ALUMINUM: 2 SETS - 3'' C, 4 *300 PH, *1/0 GRD LTG REC MUTOR DATA EXTG HEAT MISC PH-A PH-B PH-C TOT 0 360 36971 0 0 17130 0 19258 17418 17785 544	22.21 Schedules FAULT CURRENT = 13,606 3-PHASE, 4-WIRE FLUSH MOUNTED AL AMPS WITH SPARE 25% 61 161 68076 VA 201 61 161 68076 VA 201	FEEDER SIZE

LIGHTING CONTROL PANEL - LCP							
RELAY	DESCRIPTION	CIRCUIT	CONTROL PROGRAM				
1	BUILDING EXTERIOR	L1-40	PHOTO CELL ON/OFF				
2	BUILDING SIGNAGE -EAST	L1-36	PHOTO CELL ON/OFF				
3	BUILDING SIGNAGE -NORTH	L1-38	PHOTO CELL ON/OFF				
4	STAIRS & ENTRIES	L2-30	MANUAL				
5	STACKS A	L2-36	MANUAL ON / TIMER OFF				
6	STACKS B	L2-38	MANUAL ON / TIMER OFF				
7	PENDANTS	L2-30	MANUAL ON / TIMER OFF				
8	VAULT / TEEN / COMP	L2-28	MANUAL				

BLUE BOX, SWITCHKEEPER OR APPROVED EQUAL.

KEYED NOTES

PROVIDE LOCK-OUT BREAKER FOR ALL PERMANENTLY CONNECTED APPLIANCES OVER 300 VA

ALL CIRCUIT CONDUCTORS SIZED FOR COPPER

2303

2303

2303

2303

2303

2303

2303

2303

2596

2596

3719

3719

1622

728

1622

7 M RTU - 2

13 M RTU - 3

19 H AHU - 1

23 H AHU - 2

27 M MINI-SPLIT DHP - 1

31 M MINI-SPLIT DHP - 2

15 M

17 M

25 H

29 M

33 M

35 |

39

FEEDER SCHEDULE

200A) 3" C, 4 #300 AL PH, #4 AL GRD 400A 2 SETS - 3" C, 4 #300 AL PH, #1/0 AL GRD 600A 3 SETS - 3" C, 4 #300 AL PH, #2/0 AL GRD 600U) 2 SETS - 4" C - VERIFY ALL REQUIREMENTS WITH UTILITY

10 10 3/4 30 3 **A** 3 20 1/2 12 12 1/2 470

10 10 3/4 30 3 A 3 20 1/2 12 12 1/2 470 PDWER EXHAUST 2 M 8

B 1 20 1/2 12 12 1/4 696

C 1 20 1/2 12 12

B

C

B

B

8 10 3/4 35 2 **A** 2 25 1/2 10 12

C

B

A

C

A B

C

6/22/2023

8 10 3/4 45 2 **C** 2 30 1/2 10 12

12 12 1/2 20 2 **B** 2 30 1/2 10 10

10 10 3/4 30 3 **A** 3 20 1/2 12 12 1/2

<u>12</u> 14 1/2 15 2 **A** 1 20 1/2 12 12 1/2 1176

FED FROM PANEL 'MDP' 22.21 Schedules

POWER EXHAUST 1 M 2

POWER EXHAUST 3

470

1206

1514

2250

2250

360

M 10

M 14

M | 16

M | 18

M 25

м 26

HP - 1 M 20

HP - 2 M 24

EF - 1 M 32

EF - 2 M 34

WATER HEATER H 28

ROOF TOP RECEPT. R 36

СТ 48 x 48

3 P PANEL L1

5 P PANEL L1

7PPANEL L29PPANEL L2

11 P PANEL L2

15

17

19

21

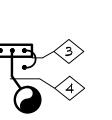
23

MDP

-600U

MECHANICAL EQUIPMENT SCHEDULE										
IN	LOCATION	HP/K	(VA	MCA	MOCP	VOLT	PH	DISCONNEC	CT SWITCH	NDTE
								SIZE	FUSED	
JNIT	UTILITY 22			31.2	35	208	1	30/2	Х	3.8 KW HEATER
	ROOF			14.5	25	208	1	30/2		NEMA 3R
JNIT	UTILITY 22			44.7	45	208	1	60/2	Х	6 KW HEATER
	ROOF			18.2	30	208	1	30/2	Х	NEMA 3R
IT	ROOF			24	30	208	3	30/3	Х	
ST	ROOF	1/2	ΗP	4.9	8.8	208	3	30/3		INTERNALLY FUSED
IT	ROOF			24	30	208	3	30/3	Х	
ST	ROOF	1/2	HP	4.9	8.8	208	3	30/3		INTERNALLY FUSED
IT	ROOF			24	30	208	3	30/3	Х	
ST	ROOF	1/2	HP	4.9	8.8	208	3	30/3		INTERNALLY FUSED
TDOOR	ROOF			19.5	20	208	1	30/2		NEW
DOOR	TEEN ROOM					208	1			FED FROM OHP-1
TDOOR	ROOF			12.2	15	208	1	30/2		EXISTING TO BE REUSED
DOOR	UTILITY B1					208	1			FED FROM OHP-2
N	ROOF	1/2	ΗP			120	1			SEE MECHANICAL
N	ROOF	1/4	HP			120	1			SEE MECHANICAL
N	ROOF	1/10	ΗP			120	1			SEE MECHANICAL
HEAT	ENTRY 1	750	W			120	1			LOCK-DUT BREAKER
HEAT	ENTRY 2	750	W			120	1			LOCK-OUT BREAKER
HEAT	STAIR 2	750	W			120	1			LOCK-OUT BREAKER
IR	UTILITY 22	4.5	КW			208	1			
∍	UTILITY 22	90	W			120	1			CORD & PLUG
		20	HP	100		208	3			2
	ELEVATOR PIT	1/2	HP			120	1			CORD & PLUG
	I				1		1	1		

EMENTS WITH ELEVATOR MANUFACTURER. PROVIDE MINIMUM OF 2" CONDUIT FOR POWER. BASIS OF DESIGN EVATOR WITH 65.1 FLA BUT THIS IS LIKELY TO CHANGE.

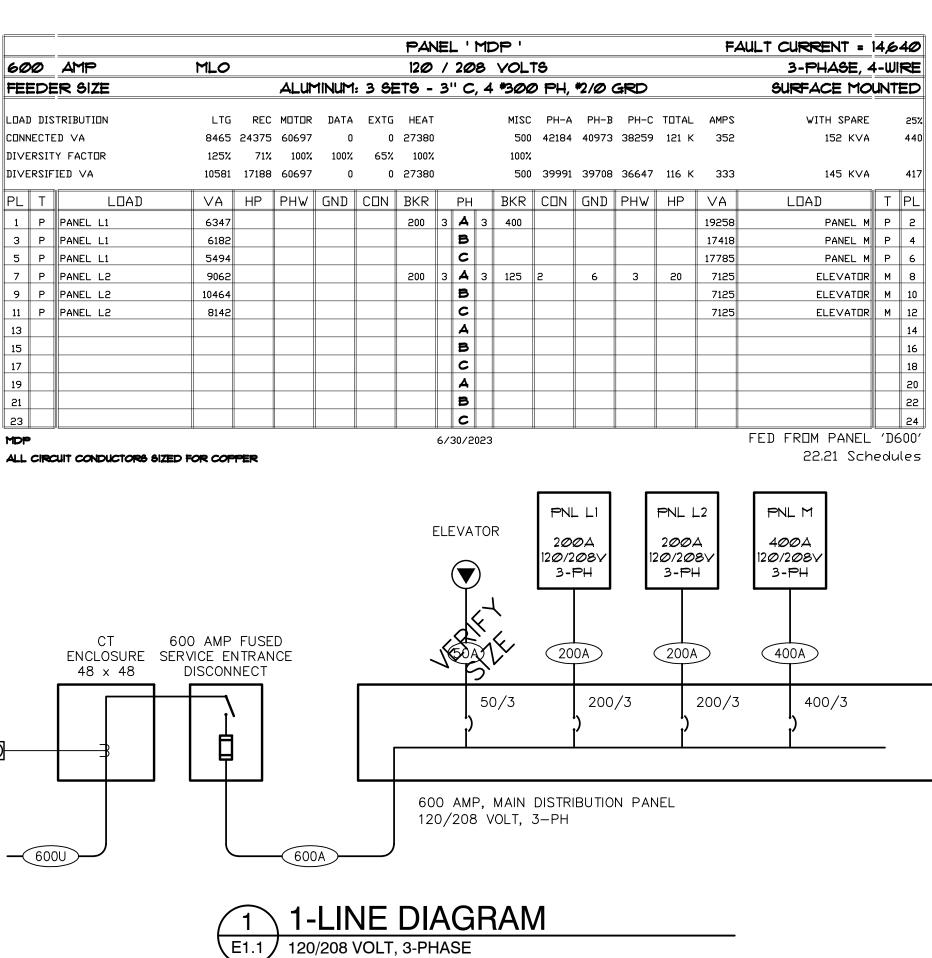


GROUNDING NOTES

- (1) #1/0 KCMIL CU MAIN BENDING JUMPER PER NEC 250-28(0)
- \$\$\frac{1}{2}\$ #1/0 KCMIL CU GROUNDING ELECTRODE SYSTEM TO ALL
 ITEMS IN NEC 250-104
- (3) #6 CU EQUIPMENT BONDING JUMPER PER NEC 250-92 & 250-102(d)
- #6 CU BOND TO INTERNAL METAL PIPING SYSTEM PER NEC 250-104(c)
- \$#4 CU TO CONCRETE ENCASED ELECTRODE PER NEC250-50

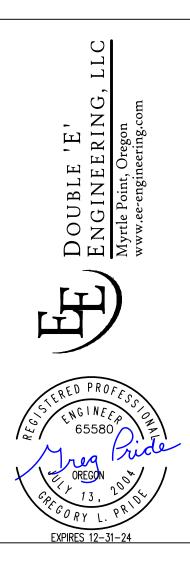
2 GROUNDING DETAIL

E1.1 DIAGRAMMATIC

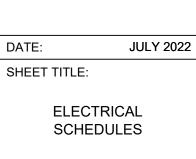




333 S. 4TH STREET COOS BAY, OR 97420 P: 541.269.1166 www.hgel.com general@hge1.com



OVATION REN LIBRARY PUBLIC TREET 97423 PROJECT NO.: 22.37 COQUILLE I ADAMS STOREGON NORTH QUILLE, 259 COC CONSTRUCTION **REVISIONS:** # DATE DESCRIPTION **1** 8/4/23 ADDENDUM 1



DATE:



