

**RODD HANSEN, ARCHITECT, L.L.C.**  
ARCHITECTURE AND PLANNING

Date: May 5, 2014  
To: All Prime Bidders  
RE: Eugene School District 4j  
Spencer Butte Middle School – Energy Efficiency Upgrades  
C.I.P. No. 420.578.032



**ADDENDUM #3:**

YOU ARE HEREBY DIRECTED TO PERFORM THE FOLLOWING WORK AND INCLUDE THE FOLLOWING WORK IN YOUR BID.

- Item #1: Edgewood Elementary: Contractor shall provide and install 2x4 stud walls (approximately (10) lineal feet of wall x 12'-0" tall) around the proposed return air duct. Walls shall extend from the floor to the ceiling, and be finished with 5/8" type 'x' gypsum wallboard – texture to match existing, primed and painted – color to match existing, and new 4" rubber base – color to match existing.
- Item #2: **Add to Alternate #3:** After the existing 48"x36" louver is removed, infill the existing concrete wall with concrete. Provide #4 rebar at 12" o.c. each way – drill and dowel rebar into existing wall 4" min. Seal joints, prime and paint to match existing.
- Item #3: Contractor shall add fall protection to **ALL** existing skylights. The product shall be "Saf-T-Screen", as manufactured by Safety Rail Source. – See the attachment.
- Item #4: The concrete slab schedule for removal on Sheet A2.1d, key note #5, will not have any new concrete or landscaping installed. The contractor shall grade the remaining soil surfaces, leaving a smooth surface.
- Item #5: See the attached Addendum items from the Structural Engineer.
- Item #6: See the attached Addendum items from the Electrical Engineer.

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**Mechanical Items:**

1. Refer to Sheet M1.5, Mechanical Equipment Schedule – Edgewood Elementary School.
  - a. HP-3: Change Heat KW to '7.8/24'.
  - b. HP-3: Change Amps to '148.2 Unit/3.3 Econ'.
2. Clarification: (28) pre-purchased HVAC units will include the curbs.

END OF ADDENDUM #3



## Model STS Saf-T-Screen™ Fall Protection for Domed Skylights

[Click here to view Word document](#)

[Back to skylight selection page](#)

### Product Description

**Saf-T-Screen™** is metal screen system that is attached to the outer frame of curb-mounted commercial skylights to protect against injuries or death from accidental falls through the lens of the skylight. Saf-T-Screen has a patented, non-penetrating compression installation that eliminates the use of fasteners and tapes to hold it in place on most installations. This also precludes the possibility of leaks that could be caused by fastening the screen to the skylight frame.

### Construction, Materials, Installation

**Mounting Frame:** two extruded 6005-T6 aluminum rails that rest on the outside frame of the skylight on its long sides

**Frame Installation:** aluminum frame is connected with two 5/16" cold rolled, zinc plated threaded rods installed on the short sides of the skylight with nylon insert lock nuts and zinc-plated washers. On stainless steel models, all hardware is stainless steel.

**Screen Material:** .187 and .250 diameter 304 stainless steel or galvanized carbon steel wire in a 4" X 4" grid

**Screen Installation:** screens are positioned in the channel of the aluminum frame and then locked into place with 1" aluminum clips attached to the frame using 1/2" stainless steel hex head screws

**Installation Time:** 2 men, 20 minutes

**Performance**

**Saf-T-Screen is designed and tested to comply with OSHA General Industry Standard 29 CFR 1910.23 (a)(4) and 29 CFR 1910.23 (e)(8).**

**Safety Rail Source  
Norristown, PA  
(877) 723-3766  
(610) 539-1630 fax  
info@safetyrailsorce.com  
www.safetyrailsorce.com**

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1551 Oak Street, Suite A  
Eugene, Oregon 97401

Attention: Rodd Hansen

Re: Spencer Butte Middle School – Energy Efficiency Upgrade  
C.I.P. 420.578.032

Following are changes to the Structural Drawings:

Sheet S2.1:

- 1/S2.1 HVAC UPGRADES FLOOR PLAN: In northwest area; **Revise** to show HP-37 located 34 feet to further the east so that the center of the unit is not more than 5 feet east of the existing GL beam and centered in the north south direction over the corridor. **Add** Detail call-out 9/S3.1 SIM.
2. 1/S2.1 HVAC UPGRADES FLOOR PLAN: In northeast area south of cafeteria; **Delete** HP-25 and Detail call-out 1/S3.3. **Delete** openings through south cafeteria wall and Detail call-out 3/S3.3. **Add** HP-25A and HP-25B units (outdoor sections) on roof and Detail reference 4/S3.3. **Add** HP-25A and HP-25B units (indoor sections) hung from roof and reference to Note 6. **See attached partial plan.**
3. 1/S2.1 HVAC UPGRADES FLOOR PLAN: **Add** Note "6. HP-25 AND HP 26 INDOOR UNITS TO BE SUSPENDED FROM ROOF STRUCTURE WITH ALL-THREAD ROD HANGERS, UNISTRUT SUPPORTS AS REQUIRED, AND NOT LESS THAN 2 UNISTRUT BRACES EACH DIRECTION. STRUCUTRAL ENGINEER WILL PROVIDE DETAILS PRIOR TO INSTALLATION."

Sheet S3.1:

**Revise** Detail 9 per attached to show similar condition associated with HP-37.

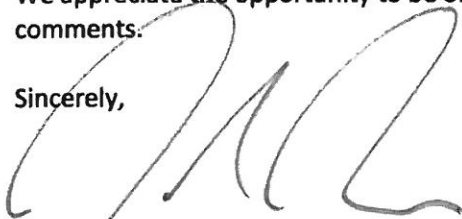
**Revise** Detail 15 per attached to show changed HP-25.

Sheet S3.3:

**Delete** Details 1, 9 and 10.

We appreciate the opportunity to be of service, please call our office if you have any questions or comments.

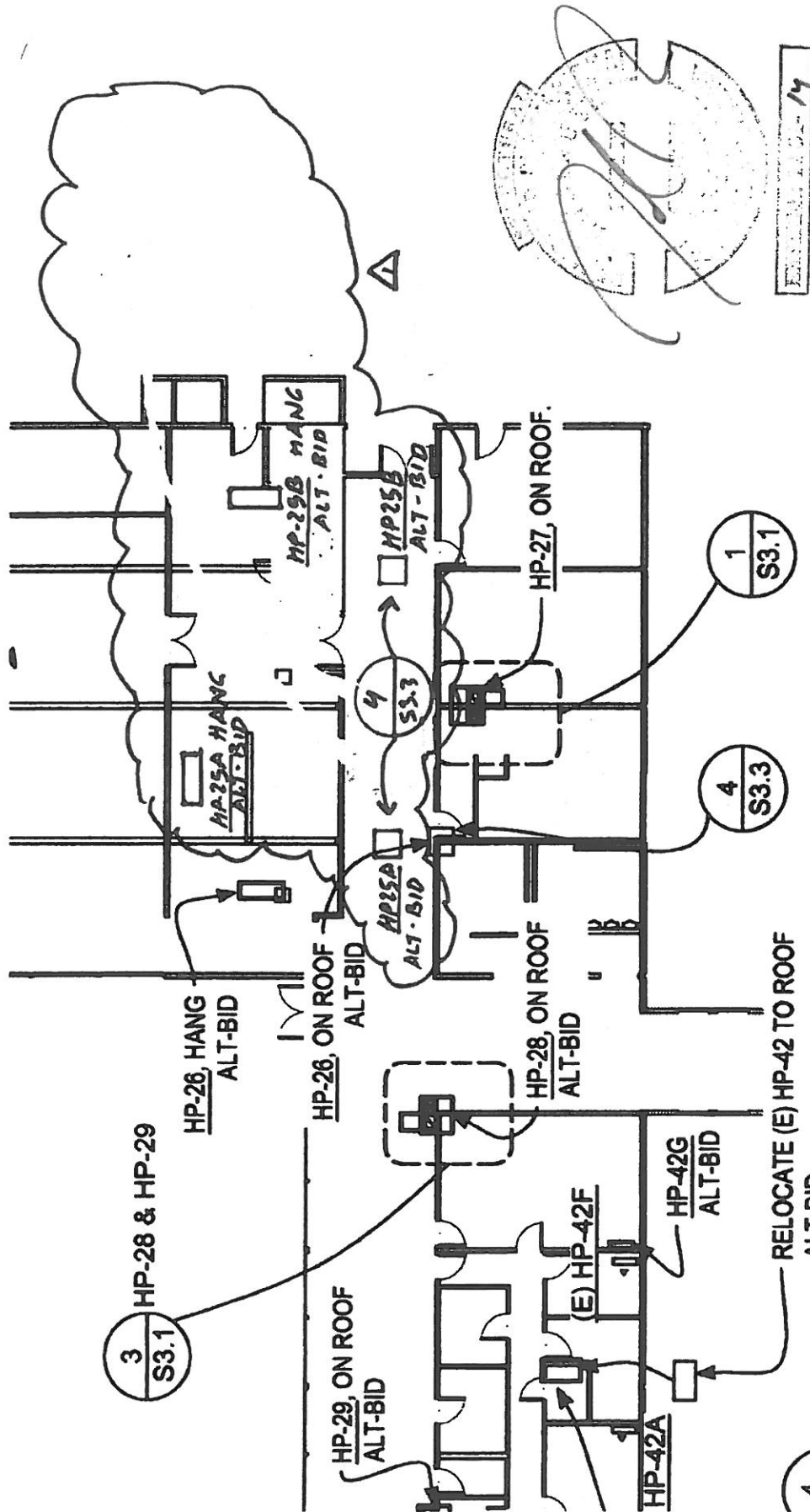
Sincerely,



John Norrena, S.E.  
Project Engineer, Johnson Broderick Engineering, LLC



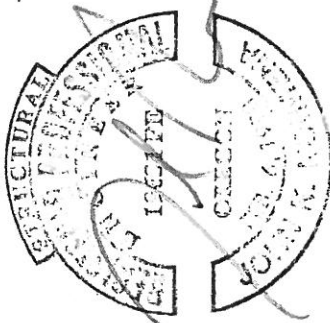
EXPIRES: 12-31-14



PARTIAL  
PLAN 1/52.1

4 SIM



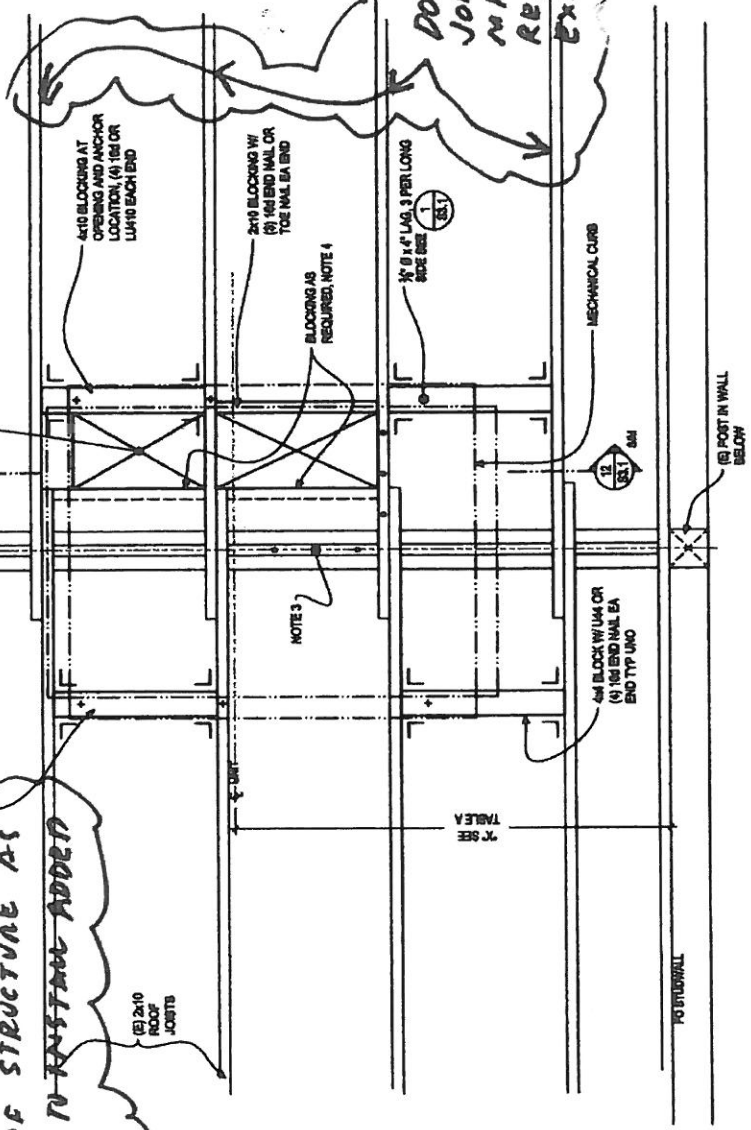


EXPIRES: 12-31-17

**NOTE:**  
 AT SIM. CONDITION,  
 REROUTE OR INTERCEPT  
 AN EXISTING CONDUITS  
 IN ROOF STRUCTURE AS  
 REQ'D IN INSTALL ADDEN  
 JOISTS

SEE (S17) A (S17) FOR  
 NOTES AND UNIT DATA

5'-0' MAX  
 UNIT AT SIM. (HP-37)



DOUBLE EXISTING JOIST AT SIM, REMOVE AND REPLACE PORTION OF EXISTING ROOF SHEATHING.

Scale: 1" = 1'-0" 9

ROOF-TOP PACKAGE UNIT OVER CORRIDOR

11/22/11

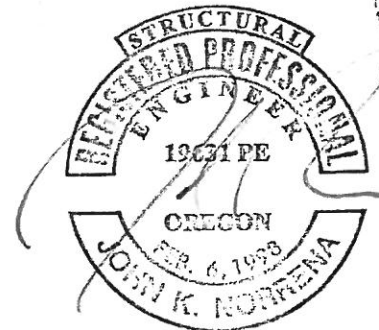
DETAIL 9/53.1





**TABLE A - ROOFTOP MECHANICAL UNIT INSTALLATION SUMMARY  
(SEE NOTE 20)**

UNIT(S)	DETAIL	WEIGHT (LBS)				'X' DISTANCE	SPECIFIC NOTES
		UNIT	MANUF. CURB	CURB TYPE	TOTAL		
		NOTE 13	NOTE 13	NOTE 15, 17	NOTE 14	NOTE 1	
HP-1, 3, 5	3/S3.1 OH	514	138	SEISMIC	836	3 FT	2
HP-2, 4	1/S3.1 SIM	525	175	SEISMIC	1,022	6 FT	
HP-6	3/S3.1 OH	514	138	SEISMIC	H	3 FT	2
HP-7	3/S3.1 OH	514	138	SEISMIC	836	3 FT	2
HP-8	3/S3.1 OH	514	138	SEISMIC	1,022	3 FT	2
HP-9	3/S3.1 OH	625	175	SEISMIC	1,022	3 FT	3
HP-10	1/S3.1 SIM, OH	514	138	SEISMIC	836	6 FT	
HP-11	3/S3.1 SIM	514	138	SEISMIC	836	3 FT	2
HP-12, 13	1/S3.1	514	138	SEISMIC	836	3 FT	
HP-14, 15	1/S3.1 OH	514	138	SEISMIC	836	3 FT	2
HP-16	1/S3.1	514	138	SEISMIC	836	3 FT	
HP-17	3/S3.1 OH	514	138	SEISMIC	836	3 FT	3
HP-18, 19	1/S3.1	514	138	SEISMIC	836	3 FT	
HP-20, 21	3/S3.1 OH	514	138	SEISMIC	836	3 FT	3
HP-22, 23	1/S3.1	514	138	SEISMIC	836		
HP-24	1/S3.1	525	175	SEISMIC	1,022		
HP-25A/B	4/S3.3	341		PLATFORM	341		5, 12, 18
HP-26	4/S3.3	341		PLATFORM	341		5, 12, 18
HP-27	1/S3.1 SIM	514	138	SEISMIC	836	6 FT	
HP-28, 29	3/S3.1	514	138	SEISMIC	836	3 FT	2
HP-30	4/S3.3	383		PLATFORM	383		10, 12, 18
HP-31, 32, 33	9/S3.1	625	175	SEISMIC	1,022		5
HP-34, 35, 36	EXISTING			SEISMIC			
HP-37	9/S3.1 (5/17)	514	138	SEISMIC	836		
HP-38, 39	15/S3.2	438	150	PLATFORM	588		6, 18
HP-40	1/S3.2	514	138	SEISMIC	836		7
HP-41	5/S3.2	1199	670	SEISMIC	2,950		8
HP-42	4/S3.3 SIM	730	125	PLATFORM	855		8, 12, 18
HP-43, 44, 45	3/S3.1	514	138	SEISMIC	836	3 FT	11

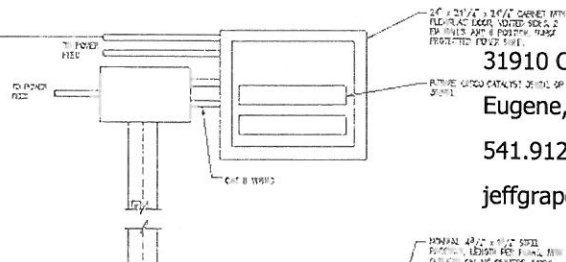
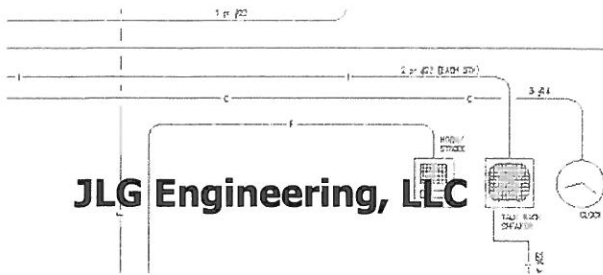


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DETAIL 15/S3.1







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Eugene, Oregon 97405  
541.912.0065  
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Spencer Butte Middle School

Electrical Addendum items (Revised – New items shown in **Bold**):

1. Specification Section 26 05 33, Add to paragraph 3.01: P. Paint all exposed raceways to match surface on which installed.
2. Specification Section 26 28 16: Add the following available short circuit currents for existing panels.
  - a. Panel 1LB7 – 18,300 amps.
  - b. Panel 1LB13 – 25,700 amps.
  - c. Panel 1LB23 – 7,400 amps.
  - d. Panel 1LC6 – 28,000 amps.
  - e. Panels 1LC17 & 1LC18 – 14,900 amps.
  - f. Panels 2LD37 & 2LD38 – 13,700 amps.
  - g. Panel 2LF40 – 9,900 amps.
  - h. Panels 2LF46 & 2LF31 – 13,200 amps.
3. Sheet E1.1: Add reference note 1 for (2) heating units at the North side of the cafeteria.
4. Sheet E1.1: Relocate the existing occupancy sensor on the South East corner of the cafeteria to clear the new mechanical ductwork.
5. Sheet E1.1: Disconnect (E) CEU-1A and remove (E) breaker, see mechanical for exact location. Connect new 3/4HP CEU-1 to new 15/2 breaker with 3/4" C-2#12, 1#12 Gnd.
6. Sheet E1.1: Modify the Equipment Connection Schedule as follows:
  - a. Delete reference to HP-25.
  - b. Add HP-25A (OD). 208V 1P. Connect to 1LB23 with 50/2 and 1" C – 3#6, 1#10 gnd.
  - c. Add HP-25A (ID). 208V 1P. Connect to MDP with 125/2 and 1-1/2" C – 3#1, 1#6 gnd.
  - d. Add HP-25B (OD). 208V 1P. Connect to 1LB23 with 50/2 and 1" C – 3#6, 1#10 gnd.
  - e. Add HP-25B (ID). 208V 1P. Connect to MDP with 125/2 and 1-1/2" C – 3#1, 1#6 gnd.
  - f. **Change the Designation on HP-31(ID) to HP-30(ID).**
7. Sheet E1.2: Change the available short circuit current for Panel 2LF48 to 13,200 amps.

## JLG Engineering, LLC

8. Sheet E1.4: Add the following to the new accessible ramp shown on Sheet A3.1a.
  - a. Provide (10) Metalux 4WNLED-LD1-27-F-UNV-L840-CD1 fixtures, final layout and spacing to be determined.
  - b. Provide (3) Occupancy sensors, evenly spaced, to control lighting.
  - c. Connect to existing corridor emergency lighting circuitry and switching.
  
9. Sheet E1.5: Disconnect the (2) existing cafeteria heating units. See mechanical for exact location. Remove conductors back to existing panel.
  
10. **Sheet E1.1: Delete the reference to HP-37 shown near Room 32 and delete reference to HP-37 from note 4.**
  
11. **Sheet E1.1: EF-25 is located above the Kitchen, see M2.2 for exact location.**
  
12. **Sheets E1.1 and E1.2: See mechanical plans for locations of Indoor Units (ID).**