

Meeting Minutes

Job: 14-24 Howard Elementary School
Location: 700 Howard Ave
Eugene, OR 97404

Meeting: Owner/Architect/GC # 5
Date: 1/14/15
Start Time: 9:00:00AM

Attendees

Attended

- | | |
|--|---|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> David Haggard (Todd Construction, Inc.) <input type="checkbox"/> John Stapleton (PIVOT Architecture) <input checked="" type="checkbox"/> Harv Wingerd (Todd Construction, Inc.) <input checked="" type="checkbox"/> Allen Chinn (Eugene School District 4j) | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Adam Davidson (PIVOT Architecture) <input checked="" type="checkbox"/> Ben Brantley (Eugene School District 4j) <input checked="" type="checkbox"/> Andy Turner (Todd Construction, Inc.) <input checked="" type="checkbox"/> Ryan Spain (Eugene School District 4j) |
|--|---|

Item	Description	Responsible	Due Date	Closed
Old Business				
0-1	<p>Schedule</p> <p>1/14 - David reviewed the 3 week schedule. (See attached) Temp power has been installed. Hydro-Temp has restarted the under slab pipe installation after being delayed since Friday due to PR 08 potential revision. Jackson Luck is delayed due to the PR 08 revisions. Project Schedule will be reviewed and revised to match the current schedule track. Todd will distribute a revised project schedule by 1/16. David and Ryan to schedule a time to visit the 4J storage facility and inspect the reclaimed wood for the project.</p>	David Haggard	1/16/15	<input type="checkbox"/>
0-2	<p>Safety/Security</p> <p>1/14 - No issues this week. Todd is looking into pricing for a camera surveillance system and should have pricing by the next meeting. There were several issues with security at the beginning of the project and may need additional security. Allen asked about the possibility of allowing a supervised student visit to the construction site. Allen will coordinate any site visit activity with David and other Todd personell prior to scheduling a site visit. All visitors to the site are required to wear hardhats, high visability clothing and proper footwear.</p>	Information		<input type="checkbox"/>
0-3	<p>RFIs</p> <p>1/14 - Reviewed attached RFI Log dated 1/13/15. Structural Steel is the top priority. RFIs discussed: 84 - City Approved Interim Access Plan - Pivot to provide an answer but the actual plan will take some time to develop. 86 - Sprinkler Pipe Routing at 6.3 to 12 & B.5 to B.8 - Pivot proposed running the sprinkler main through the adjacent framed soffit wall. Should have this back to Todd today. 90 - Elevator Detail Clarifications - The model used by the design team is the same model being installed. Pivot has sent the RFI to structural. 97 - Joist Kicker Angles - Being reviewed by structural 98 - Z Shaped Bent Plate - Covered in PR 14 99 - Perforated Panels on Railing - Pivot reviewing options and will supply the basis of design. Advanced Welding sent design options for the base condition.</p>	Information		<input type="checkbox"/>
0-4	<p>CORs</p> <p>1/14 - Reviewed attached COR log dated 1/13/15. (See attached) COR 1R - PR 04 - Platform Stair Change - Pivot asked for revised pricing to include a credit for the</p>	Andy Turner	1/14/15	<input type="checkbox"/>

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	<p>precast stair treads. The original design will be used if the new design is not a cost savings. Andy is working on revised pricing.</p> <p>COR 2 - PR 05 - Structural Additions and Changes - Pivot asked for a breakdown of costs. Andy to gather additional information.</p> <p>COR 3 - PR 07 - Electrical/Low Voltage Changes - Pivot asked for a breakdown of costs. Andy to gather additional information.</p> <p>COR 4R - PR 08RR - Plumbing and Civil RFI Changes - Todd received VE options from Jackson Luck and reviewed them with the team. Andy to create a PDF of the VE revisions and send it to Pivot for review.</p> <p>Todd to provide the team with a timeline for COR decision making to avoid project delays. Todd to provide the team with a list of critical PR's which can be addressed in a CCD to avoid schedule delays.</p>			
0-5	<p>Submittals</p> <p>1/14 - Reviewed attached submittal awaiting review log dated 1/13/15. Structural Steel & Rebar submittals are the top priority.</p> <p>051200-02 & 053100-04 Steel framing and decking are being reviewed by structural and should be complete this week.</p> <p>087100-01 Door Hardware is being reviewed by the school district. Todd has submitted the Doors and HM Frames today to Pivot.</p> <p>114000-01 Food Service Equipment underground rough-in review should be returned this week.</p> <p>237000-01 Central HVAC Equipment is a hot submittal. Pivot will return it in the next day or two.</p> <p>Pivot requested the Electrical underground submittals. Todd will request them again after the meeting today.</p> <p>Pivot - When dimensions are needed on shop drawings Pivot will provide changes to the contract documents. Pivot will not add dimensions to shop drawings, typicly.</p>	Information		<input type="checkbox"/>
0-6	<p>Hot Items</p> <p>1/14 - Final design for PR 08RR Structural Steel & Rebar Shop Drawing review. Electrical Submittals</p>	Adam Davidson	1/16/15	<input type="checkbox"/>
1-1	<p>Permits</p> <p>12/10 - Adam will contact the City to get an update on the Building Permit & Site Utility Permit. The Site Utility Permit is needed asap to avoid any delays with starting the underground utilities. This is a hot item.</p> <p>12/17 - David picked up the site utility permit and building permit. The City has deferred a few items in the building permit. Pivot is working on the revisions.</p> <p>12/23 - 4J School District needs to apply and pay for a water connection with EWEB for the domestic and fire water connections. Contact - Steve Ewing - EWEB @ (541) 685-7173</p> <p>1/7 - Ben contacted Bruce with 4J to contact EWEB and start the water connection process.</p> <p>1/14 - Bruce has contacted EWEB and stopped by today to check if Todd had received temp power.</p>	Ben Brantley	1/21/15	<input type="checkbox"/>
2-2	<p>Stair Treads</p> <p>12/17 - Chomo requested the School District evaluate the stair treads by Bertelson Precast. Chomo will present a VE alternative for the School District's review.</p> <p>12/23 - John stated that the District could not accept the Bertelson stair tread substitution. Any VE alternative will need to be from the pre-approved manufacture list.</p> <p>1/7 - Andy will provide an alternate tread product for review.</p>	Andy Turner	1/21/15	<input type="checkbox"/>

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	1/14 - Todd has changed suppliers and will use Michael's Precast. Submittals have been requested.			
2-3	Low Voltage & Electrical Coordination Meeting	Andy Turner	1/21/15	<input type="checkbox"/>
	12/17 - A low voltage and electrical meeting was held onsite on 12/11. Pivot will provide summary notes of the meeting. Adam requested an AMEX connection equipment list prior to submittal if possible.			
	12/23 - The AMEX connection equipment list is needed from Scofield for review. Todd to contact Scofield regarding the AMEX connection list.			
	1/7 - Ongoing			
	1/14 - This info is still needed from Scofield. Eric Scofield said they have requested the information from their supplier but haven't received anything yet.			
3-1	HM Door Frames for CMU	Adam Davidson	1/21/15	<input type="checkbox"/>
	12/23 - Todd will need the HM Door Frame submittal reviewed and frames ordered soon for the CMU walls. John suggested submitting the door hardware submittal at the same time so the School District has a chance to make changes if needed. Andy to set up a door hardware coordination meeting with Bell Hardware and 4J School District.			
	1/7 - Ongoing			
	1/14 - The district is in the process of reviewing the hardware submittals. Todd has submitted the door & frame product data for review.			
4-1	Floor Flatness	Ben Brantley	1/21/15	<input type="checkbox"/>
	1/7 - David asked about the floor flatness testing requirement in the specifications. The team will check on the necessity of the testing.			
	1/14 - Ben has contacted FEI to determine what will be required/needed for this project.			
4-2	Howard School Schedule	Information		<input checked="" type="checkbox"/>
	1/7 - Allen provided additional days when school will be out, which will be 2/13 & 5/29.			
4-3	Slab Mockup	David Haggard	1/21/15	<input type="checkbox"/>
	1/7 - Slab mockup will be part of the building envelop mockup. The team will review the polished concrete color options on the slab mockup to determine if color will be added.			
	1/14 - Todd to find a good location on site for the mockup.			
New Business				
5-1	First Flush - Vortex Separator	Andy Turner	1/21/15	<input type="checkbox"/>
	1/14 - The vortex separators (aka First Flush Device) has been eliminated as part of PR 08R and replaced with a treatment man hole as part of the civil design modifications. In the process of collecting pricing for the revisions from the civil and plumbing subcontractors Todd discovered that neither subcontractor had covered the this equipment in their quote for the project. The Vortex separators are shown and specified in the plumbing section of the contract documents but are noted as part of the civil requirements on P502. On C021 Note 1 states "Refer to plumbing drawings for first flush device construction requirements". Because of the references to the different scope areas neither sub covered this item.			
	Todd will collect pricing for the missing equipment to supply to the team. Todd is proposing a split of			

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	the credit funds due to the fact that the equipment was shown but not clearly defined on the construction documents. Ben and Ryan will review the construction documents and this issue before making a decision.			
5-2	CMU Mortar Color Change PR10R	Information		<input type="checkbox"/>
	1/14 - PR 10R changed the mortar color from "Natural Grey" to "Midnight Black" to match the CMU. Todd received pricing from Davidson's Masonry for this change \$17,477.			
5-3	Pivot PCO Report	Information		<input type="checkbox"/>
	1/14 - Adam reviewed the PCO Report explaining how pending changes are tracked on the NewForma system. (See example attached)			
5-4	Engineers Site Visit Report	Information		<input type="checkbox"/>
	1/14 - A copy of Hohbach-Lewin site visit report #1 has been attached to the meeting packed for review and discussion at the next OAC meeting.			

Meeting adjourned at 11:00.

Next meeting at 9:00:00AM on Wednesday, January 21, 2015.

The preceding is assumed to be a complete and correct account of the items discussed, directions given, and conclusions drawn, unless this office is notified to the contrary by the next regular meeting. If no notification is received, these minutes will be deemed an accurate account of the meeting.

Prepared by: Andy Turner

Copy To: Brent Schafer (Todd Construction, Inc.)

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
1	11/25/14	Needed Column Locations	12/02/14	CLO	PR	12/03/14		12/04/14
2	11/28/14	Joists Clarifications	12/03/14	CLO	PR	12/04/14		12/04/14
3	11/28/14	Coping Angle Iron	12/02/14	CLO		12/04/14		12/04/14
4	11/28/14	Bolts in CMU Wall for Stairs	12/01/14	CLO		12/04/14		12/04/14
5	11/28/14	Columns Around Elevator	12/01/14	CLO		12/04/14		12/04/14
6	11/28/14	Projection Screen Controls	12/05/14	CLO		12/03/14		12/04/14
7	11/28/14	Mounting Detail	12/05/14	CLO		12/01/14		12/04/14
8	11/28/14	Courtyard Access Control	12/05/14	CLO		12/01/14		12/04/14
9	11/28/14	Light Pole Base	12/05/14	CLO	PR	12/04/14		12/05/14
10	11/28/14	Sound System Raceway	12/05/14	CLO		12/04/14		12/05/14
11	11/28/14	Stair Details	12/03/14	CLO	PR	12/02/14		12/04/14
12	11/30/14	Skylight Controls	12/07/14	CLO	PR	12/04/14		12/04/14
13	11/30/14	ENT Raceway	12/07/14	CLO		12/04/14		12/04/14
14	11/30/14	Gym Floor Box	12/07/14	CLO	PR	12/04/14		12/05/14
15	11/30/14	Back Flow Vault Feeder	12/07/14	CLO		12/04/14		12/05/14
16	12/03/14	Roof Ridge in Sector A	12/04/14	CLO		12/03/14		12/04/14
17	12/04/14	Projection Screen Controls	12/11/14	CLO		12/05/14		12/05/14
18	12/04/14	Data Raceways	12/11/14	CLO		12/05/14		12/05/14
19	12/04/14	Cable Tray Route	12/11/14	CLO		12/05/14		12/08/14
20	12/04/14	Lab/Island Location	12/11/14	CLO		12/05/14		12/08/14
21	12/04/14	ENT Raceway	12/11/14	CLO		12/11/14		12/11/14
22	12/04/14	Skylight Control at Kitchen	12/11/14	CLO	PR	12/05/14		12/08/14
23	12/04/14	Sectional Door Control	12/11/14	CLO		12/10/14		12/11/14
24	12/04/14	Gym Low Voltage Switches	12/11/14	CLO		12/09/14		12/10/14
25	12/04/14	Data Conduit Stubs	12/11/14	CLO		12/09/14		12/10/14
26	12/05/14	Lighting Control System	12/12/14	CLO		12/09/14		12/10/14
27	12/05/14	Storm Drain and Cleanout	12/12/14	CLO	PR	12/10/14		12/11/14
28	12/05/14	Waste Piping at L-2 in A107	12/12/14	CLO	PR	12/09/14		12/10/14
29	12/05/14	Storm Drain and Waste Systems Slope	12/12/14	CLO	PR	12/10/14		12/11/14
29R	12/31/14	Storm Drain and Waste Systems Slope	01/05/15	CLO	PR	01/06/15		01/06/15
30	12/05/14	Civil FFD Inlet Size Clarification	12/12/14	CLO		12/08/14		12/09/14
31	12/05/14	Area A Storm Drain Connection Clarifications	12/12/14	CLO		12/09/14		12/10/14
32	12/05/14	End of Line Vent for Floor Sink in Area A	12/12/14	CLO	PR	12/09/14		12/10/14
33	12/05/14	SS Piping for Larger DCW	12/12/14	CLO		12/09/14		12/10/14
34	12/05/14	Yard Trap Primer Connections Clarification	12/12/14	CLO		12/09/14		12/10/14
35	12/05/14	Joist Seat Depths	12/08/14	CLO		12/09/14		12/09/14
36	12/05/14	Cap Plates at SLRS	12/09/14	CLO		12/09/14		12/09/14
37	12/05/14	Skewed Shear Tabs	12/09/14	CLO		12/09/14		12/09/14
38	12/05/14	LH Joist Seats	12/09/14	CLO		12/09/14		12/09/14
39	12/05/14	Harness Supports	12/09/14	CLO		12/05/14		12/08/14
40	12/05/14	Joist Struts at Gym Roof	12/08/14	CLO		12/09/14		12/09/14
41	12/09/14	Survey Discrepancies	12/10/14	CLO		12/09/14		12/09/14
42	12/09/14	Required Elevation at Low Roof	12/11/14	CLO		12/12/14		12/12/14
43	12/09/14	More Needed Information about Operable Partitions	12/11/14	CLO		12/11/14		12/12/14
44	12/09/14	CMU Wall Dimensions	12/11/14	CLO		12/11/14		12/12/14
45	12/09/14	Missing Detail	12/11/14	CLO		12/11/14		12/12/14
46	12/09/14	Embed Setting	12/11/14	CLO		12/11/14		12/12/14

Request for Information

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
47	12/10/14	Steel Fabrication	12/12/14	CLO		12/11/14		12/12/14
48	12/10/14	Sanitary Sewer Venting and Cleanout	12/12/14	CLO	PR	12/12/14		12/12/14
48R	01/02/15	CMU Wall Conflict with Drinking Fountain in Room A120	01/09/15	CLO	COR 9	01/12/15		01/13/15
49	12/11/14	Section Clarification	12/15/14	CLO	PR	12/19/14		12/19/14
50	12/11/14	Details Clarification	12/15/14	CLO		12/18/14		12/18/14
51	12/11/14	Fire Department Connection	12/18/14	CLO		12/11/14		12/12/14
52	12/12/14	Control Central Stage Lighting	12/19/14	CLO	PR	12/16/14		12/17/14
53	12/13/14	Details Clarification	12/16/14	CLO	PR	12/17/14		12/17/14
54	12/15/14	Blocking Width	12/18/14	CLO		12/18/14		12/18/14
55	12/15/14	Diamond or Circular Column Block Outs	12/22/14	CLO	PR	12/17/14		
56	12/19/14	Skylight Conflict	12/23/14	CLO		12/29/14		12/29/14
57	12/19/14	Bent Plate Dimensions	12/23/14	CLO		12/19/14		12/19/14
58	12/19/14	RFI 47 Clarification	12/23/14	CLO		12/19/14		12/19/14
59	12/19/14	Skylight Glazing Light Transmission	12/26/14	CLO		01/08/15		01/08/15
60	12/19/14	Story Cove Structural Details	12/26/14	CLO		01/06/15		01/06/15
61	12/19/14	Rail Mounting at Loft	12/26/14	CLO		12/30/14		12/31/14
62	12/19/14	Exposed Beam	12/26/14	CLO		12/30/14		12/31/14
63	12/19/14	Handrail bracket	12/26/14	CLO	PR	12/21/14		12/26/14
64	12/29/14	HSS 7x2	01/05/15	CLO		12/31/14		01/02/15
65	12/29/14	Under Slab Vapor Barrier - VOID	01/05/15	CLO		12/31/14		
66	12/29/14	Fire Sprinkler Access	01/05/15	CLO		12/31/14		01/02/15
67	12/29/14	Number of Anchor Bolts per Pattern	01/05/15	CLO		01/05/15		
68	12/30/14	Area C Trap Primers and Location	01/02/15	CLO		01/07/15		01/08/15
69	12/30/14	Cleanout for Main Waste Leaving the Building	01/02/15	CLO	PR	01/06/15		01/06/15
70	12/30/14	Detail for Downspout Brackets and Standoff	01/02/15	CLO		01/05/15		01/06/15
71	01/01/15	Masonry Submittal Review	01/08/15	CLO		01/09/15		01/12/15
72	01/01/15	Water Closet Types, Locations and Dimensions	01/08/15	CLO		01/07/15		01/08/15
73	01/01/15	Vent for Mop Sink in Room B138	01/08/15	CLO		01/07/15		01/08/15
74	01/01/15	W&V for Floor Sink and Riser in B112	01/08/15	CLO		01/08/15		01/08/15
75	01/01/15	Venting for Shower in Room B125C	01/08/15	CLO		01/07/15		01/08/15
76	01/01/15	Room B121 Waste Clarifications for UG and AG	01/08/15	CLO		01/08/15		01/09/15
77	01/01/15	Cleanout on Main Line in Area B Inside the Building	01/08/15	CLO		01/07/15		01/08/15
78	01/01/15	Area B 3 Inch Line for Cleanout	01/08/15	CLO		01/07/15		01/08/15
79	01/01/15	Area B 2 Inch UG Storm Feeding 3 Inch AG Storm	01/08/15	CLO		01/07/15		01/08/15
80	01/02/15	Seconday Holes in Handrail Bracket	01/06/15	CLO		01/06/15		01/06/15
81	01/02/15	Area A West Side Storm Drain Riser Clarification	01/09/15	CLO		01/08/15		01/08/15
82	01/02/15	Furred Wall for DSN in Area A at CMU Wall	01/09/15	CLO		01/12/15		01/13/15
83	01/02/15	Details 12/S709 & 15/S708	01/06/15	CLO		01/08/15		01/09/15
84	01/05/15	City Approved Interim Access Plan	01/12/15	NEW				
85	01/05/15	Stair Questions	01/07/15	CLO		01/08/15		01/08/15
86	01/05/15	Sprinkler Pipe Routing at 6.3 to 12 & B.5 to B.8	01/12/15	NEW				
87	01/05/15	Concrete Opening for Stairs	01/07/15	CLO		01/06/15		01/06/15
88	01/05/15	Deck Bearing Elevation	01/07/15	CLO		01/06/15		01/06/15
89	01/05/15	Bottom of Deck and Top of Steel Elevations	01/07/15	CLO		01/06/15		01/06/15
90	01/07/15	Elevator Detail Clarifications	01/09/15	NEW				
91	01/08/15	3/4" x 12" J-Bolts Substitution	01/12/14	CLO		01/09/15		01/12/15

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92	01/08/15	Confirming RFIs 88 and 89	01/12/15	CLO		01/09/15		01/12/15
93	01/08/15	Mechanical Platform Beams	01/12/15	CLO		01/11/15		01/12/15
94	01/08/15	Elevator Sump Pump Discharge	01/12/15	CLO		01/13/15		
95	01/08/15	Ground Face CMU	01/15/15	CLO		01/13/15		
96	01/12/15	Top Rail Size	01/14/15	CLO		01/12/15		
97	01/12/15	Joist Kicker Angles	01/14/15	NEW				
98	01/12/15	Z Shaped Bent Plate	01/14/15	NEW				
99	01/12/15	Perforated Panels on Railing	01/14/15	NEW				
PR 002	12/19/14	P002 Signage Changes and Equipment Labeling	12/19/14	CLO		12/22/14		01/08/15
PR 004	12/04/14	P004 Platform Stair Change	12/04/14	CLO	COR 1	12/04/14		12/04/14
PR 005	12/04/14	P006 Structural Additions and Changes	12/04/14	CLO	COR 2	12/04/14		12/04/14
PR 007	12/09/14	P011 Electrical/Low Voltage Changes	12/09/14	CLO	COR 3	12/09/14		12/09/14
PR 008	12/12/14	P016 Plumbing and Civil RFI Changes	12/12/14	CLO	COR 4	12/15/14		12/15/14
PR 008R	01/05/15	P016 Plumbing/Civil Revisions	01/05/15	CLO	COR 4R	01/06/15		01/07/15
PR 009	12/16/14	P008 Gym Equipment Addition	12/16/14	CLO	COR 5	12/15/14		12/16/14
PR 010	12/30/14	P019 Specification Revisions	12/30/14	CLO		12/30/14		01/01/15
PR 010R	01/09/15	P019 Specification Revisions	01/09/15	CLO	COR 8	01/09/15		01/12/15
PR 011	12/19/14	P024 Structural Revisions and Handrail Revision	12/19/14	CLO	COR 6	12/22/14		12/23/14
PR 012	12/19/14	P020 Control Central Stage Lighting	12/19/14	CLO	COR 7	12/22/14		01/02/15
PR 013	12/31/14	P015 HVAC Controls Related Revisions	12/31/14	CLO		12/31/14		01/05/15
PR 014	01/09/15	P025 Structural/Plumbing Modifications	01/09/15	CLO		01/09/15		01/12/15

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 1/13/2015

Number	Change Issue	Description	Date to Sub	Quoted	Time Requests	Date to Owner	Date Approved	CO #	Approved Amount
1R	PR 004	Platform Stair Change - PR 04	12/04/14	\$491.94	0				
2	PR 005	Structural Additions and Changes - PR 05	12/04/14	\$34,914.91	4	12/23/14			
3	PR 007	Electrical/Low Voltage Changes - PR 07	12/09/14	\$18,948.24	0	12/23/14			
4R	PR 008R	Plumbing and Civil RFI Changes	12/15/14		10				
5	PR 009	Gym Equipment Addition	12/16/14						
6	PR 011	Structural Revisions and Handrail Revision	01/02/15						
7	PR 012	Control Central Stage Lighting	01/02/15						
8	PR 010R	Specification Revisions	01/12/15						
9	RFI 48R	CMU Wall Conflict with Drinking Fountain in Room A120	01/13/15						

Approved Time Extensions:	0	Original Contract Amount:	\$21,663,000.00
Start Date:	11/12/14	Approved Contract Changes:	\$0.00
Revised End Date:	02/01/16	Revised Contract Amount:	\$21,663,000.00

Job No: 14-24
Howard Elementary School

Submittals Awaiting Review
by Package

Date: 1/13/2015

Spec	Submittal	Rev	Title	Subcontractor	Due Date	Sub to Todd	Todd to Arch	From Arch	Todd to Sub	Status
042000	UNIT MASONRY									
	042000-03	0	Shop Drawings: Reinforcement	Dixon Steel & Supply Co		01/05/15	01/08/15			
051200	STRUCTURAL STEEL FRAMING									
	051200-02	0	Shop Drawings: Sector A <i>David reviewing 12/18 - concurrent review. Harv reviewed 12/31. Structure added 1/6/15.</i>	Advanced Welding & Steel, Inc.		12/16/14	12/18/14			
053100	STEEL DECKING									
	053100-04	0	Shop Drawings: Sectors B and C <i>David reviewing 12/15 - concurrent review. Harv reviewed 1/5. Sent to Adam 1/5.</i>	Advanced Welding & Steel, Inc.		12/12/14	12/17/14			
087100	DOOR HARDWARE									
	087100-01	0	Hardware Schedule	Bell Hardware of Eugene	12/26/14	12/11/14	12/18/14			
	087100-02	0	Product Data and Installation Instructions	Bell Hardware of Eugene	12/26/14	12/11/14	12/18/14			
114000	FOODSERVICE EQUIPMENT									
	114000-01	0	Rough-In Drawings	Smith & Greene Company	12/12/14	01/06/15	01/06/15			
237000	CENTRAL HVAC EQUIPMENT									
	237000-01	0	Product Data	Hydro-Temp Mechanical Inc	12/19/14	12/26/14	12/31/14			

41 HES PCO Report

PROJECT: 4J Howard Elementary School
 MANAGER: John Stapleton
 PREPARED BY: Adam Davidson
 DATE: 1/14/2015



ID	Subject	Status	Type	Reasons	Due Date	Estimate Amount USD	Proposed Amount USD	Approved Amount USD	Forecast Amount USD	Related Items	Related Project Items
P001	Seismic Movement - HVAC	Draft	Cost	Regulatory		\$0.00	\$0.00	\$0.00	\$0.00		
P002	Signage Changes & Equipment Labeling	Pricing Requested	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00	Proposal Requests	PR 002 - P002 Signage Changes & Equipment Labeling
P003	Color Changes	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P004	Stair Details - Platform and Mech. Loft Stairs	Pricing Requested	Cost	Improved Information		\$0.00	\$491.94	\$0.00	\$491.94	RFIs, Proposal Requests	RFI-011 - Stair Details, PR 004 - P004 Platform Stair Change
P005	Detail of Beam penetration Wall at Tunnel	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P006	Structural Details and Changes	Pricing Requested	Cost	Improved Information		\$0.00	\$34,914.91	\$0.00	\$34,914.91	RFIs, Proposal Requests	RFI-001 - Needed Column Locations, RFI-002 - Joists Clarifications, PR 005 - P006 Structural Additions and Changes
P007	Skylight Well Soffit Support	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P008	Gym Equipment Addition	Pricing Requested	Cost	Improved Information, Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00	Proposal Requests	PR 009 - P008 Gym Equipment Addition
P009	Structural Support for Doors A100A, A100B, & A100E	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P010	Addition of Skateboard Racks	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P011	Electrical/Low Voltage Changes	Pricing Requested	Cost	Improved Information		\$0.00	\$18,948.24	\$0.00	\$18,948.24	RFIs, Proposal Requests	RFI-009 - Light Pole Base, RFI-012 - RFI 12 - Skylight Controls, RFI-014 - RFI 14 - Gym Floor Box, PR 007 - P011 Electrical/Low Voltage Changes
P012	Sectional Door Controls	Draft	Cost	Improved Information, Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00	RFIs	RFI-023 - Sectional Door Control
P013	AMX Equipment & Electronic Dashboard Design	Draft	Cost	Improved Information, Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P014	Add Slide to Media Center	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P015	HVAC Controls Related Revisions	Pricing Requested	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00	Proposal Requests	PR 013 - P015 HVAC Controls Related Revisions
P016	Plumbing/Civil Revisions	Pricing Requested	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00	RFIs, Proposal Requests	RFI-028 - Waste Piping at L-2 in A107, RFI-029 - Storm Drain and Waste Systems Slope, PR 008 - P016 Plumbing/Civil RFI Changes, RFI-029R - Storm Drain and Waste Systems Slope, PR 008R - P016 Plumbing/Civil Revisions
P017	Strategy for March 2016 Move-In	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P018	Job Trailer Windows/East Side Residents	Draft	Cost	Field Conditions, Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P019	Specification Revisions	Pricing Requested	Cost	Recognition of Error/Omission		\$0.00	\$0.00	\$0.00	\$0.00	Proposal Requests, RFIs	PR 010 - P019 Specification Revisions, RFI-071 - Masonry Submittal Review
P020	Control Central Stage Lighting	Pricing Requested	Cost	Owner's Request, RFI		\$0.00	\$0.00	\$0.00	\$0.00	RFIs, Proposal Requests	RFI-052 - Control Central Stage Lighting, PR 012 - P020 Control Central Stage Lighting
P021	Owner Coordinated Salvage/Reuse Items	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		
P022	Coordination of Gym Goal Supports and Projector	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P023	Remaining Bidding Items	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P024	Structural Revisions & Handrail Revision	Pricing Requested	Cost	Improved Information, RFI		\$0.00	\$0.00	\$0.00	\$0.00	RFIs, Proposal Requests	RFI-049 - Section Clarification, RFI-053 - Details Clarification, RFI-055 - Diamond or Circular Column Block Outs, PR 011 - P024 Structural Revisions & Handrail Revision
P025	Structural/Plumbing Modifications	Pricing Requested	Cost	Improved Information, Recognition of Error/Omission		\$0.00	\$0.00	\$0.00	\$0.00	RFIs, Proposal Requests	RFI-056 - Skylight Conflict, RFI-062 - Exposed Beam, RFI-064 - HSS 7x2 Change to HSS 8x2, PR 014 - P025 Structural/Plumbing Modifications
P026	Glazing Specification Clarifications	Draft	Cost	Improved Information		\$0.00	\$0.00	\$0.00	\$0.00		
P027	Lighting Relay Revision	Draft	Cost	Owner's Request		\$0.00	\$0.00	\$0.00	\$0.00		



HOHBACH-LEWIN INC.

STRUCTURAL ENGINEERS

296 East 5th Ave., Suite 302
Eugene, OR 97401
(541) 349-1701 Fax: (541) 349-1702

SITE VISIT REPORT #1

Date: January 9, 2015

Project: Howard Elementary School
Hohbach-Lewin, Inc. Project No.: 9547.1K

Date of Visit: January 8, 2015

Architect: Pivot Architecture

Contractor: Todd Construction

**Hohbach-Lewin, Inc
Representative:** Brent Crawford

Present: David Haggard (Todd Construction)

Purpose of Visit:

To observe the foundations for the Sector C footings prior to the pour scheduled for Tuesday, January 13th, 2015.

Observations:

1. At braced frame corner columns, the typical stirrups per details **7&8/S502** were not installed within the last 6'-0" of the footing in one direction.
2. F6 footings were installed with 5-#5 bars each way in lieu of 6-#5 bars per the footing schedule on plan **S113**. Additionally, at some locations the rebar is resting on the soil.
3. A 6" diameter pipe penetration occurring near line M through the northwest BF-3 footing occurs approximately 2" below the middle third of the depth of the footing and 2 additional stirrups are not installed on each side of the pipe sleeve per detail **9/S501**.
4. A 6" diameter pipe penetration passes through the top of the F6 sim. footing on Line 6 and does not meet detail **9/S501**.
5. At the construction (pour) joints occurring at the footing intersections between Sector B and Sector C, on Lines M and R, the joint has not been formed and the additional

dowels are not installed as shown in detail 6/S501. Additionally, the Sector B Line R footing reinforcing is not installed.

6. At the three shear wall end columns on Line 6.1 (occurring at the intersection of Lines M, P and R) 7-#5 stirrups (not meeting the required configuration and spacing) were installed as anchor reinforcing in lieu of 6-#4 stirrups per details 15&16/S501. Additionally, the anchor rods at the column occurring at the intersection of Lines P and 6.1 are missing.
7. The L4x4 angles at Braced Frames 3, 5 and 6 were fabricated with 11 holes for anchor bolts in lieu of 12 as noted in our response to the revised anchor bolt shop drawings (dated January 5, 2015). A hole for the missing anchor bolt was field drilled in each angle and the bolts are installed at each brace frame except at BF-6.
8. The braced frame columns with base plates per detail 9/S704 are installed with 8-1 1/4 diameter anchor rods (one of two options provided per RFI-67).

Action Items:

The following items were discussed with David Haggard (Todd) while on site:

1. At braced frame corner columns, where stirrups are not installed per details 7&8/S502, install stirrups per attached the sketch SK-1. (Sketch was emailed with David Haggard/Todd Construction and discussed on the phone this morning (Friday, January 9, 2015)
2. Install 6-#5 bars each way per the footing schedule on plan S113 and install each bar with a minimum of 3" clear cover.
3. Okay as installed at this location, no action required. At future pipe penetrations, install with 2 additional stirrups on each side of the penetration sleeve and deepen the footing if required to install the sleeve within the middle third of the depth of the footing, per detail 9/S501 OR request review/remedial direction from E.O.R.
4. Okay as installed at this location, no action required. At future pipe penetrations occurring near the top of a footing, install with 4" clear cover to the top of the footing per detail 9/S501.
5. Form the construction joints and place the additional dowels per detail 6/S501. Install the Sector B Line R footing reinforcing per the schedule on plan S112 and detail 10/S502. (Install reinforcing at footing intersection per detail 4/S501)
6. At the 3 shear wall end columns, remove the 7-#5 stirrups and install 6-#4 stirrups per details 15&16/S501. At the column occurring at the intersection of Lines P and 6.1, install the missing anchor rods per detail 10/S701 (install per note 3).
7. At BF-6, install the missing anchor bolts in the drilled holes (3/4" diameter x 12" J-bolts per RFI-91 or as indicated in the original details). Okay as installed at BF-3, BF-5.
8. Okay as installed, no action required.

Please let us know if you have any questions about the recommended actions noted above. Contractor to provide architect/engineer with documentation (photo, inspection report, etc.) of action items that are to be covered before the next Hohbach-Lewin site observation.

Brent Crawford, P.E.
Design Engineer

Vikki Bourcier, S.E.
Principal