

## Meeting Minutes

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

**Meeting:** Owner/Architect/GC # 13  
**Date:** 3/11/15  
**Start Time:** 9:00:00AM

### Attendees

**Attended**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> David Haggard (Todd Construction, Inc.)<br><input type="checkbox"/> John Stapleton (PIVOT Architecture)<br><input checked="" type="checkbox"/> Harv Wingerd (Todd Construction, Inc.)<br><input checked="" type="checkbox"/> Allen Chinn (Eugene School District 4j) | <input checked="" type="checkbox"/> Adam Davidson (PIVOT Architecture)<br><input type="checkbox"/> Ben Brantley (Eugene School District 4j)<br><input checked="" type="checkbox"/> Andy Turner (Todd Construction, Inc.)<br><input checked="" type="checkbox"/> Ryan Spain (Eugene School District 4j) |
|--|--|

Item	Description	Responsible	Due Date	Closed
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**Old Business**

- |            |   |                    |  |                          |
|------------|---|--------------------|--|--------------------------|
| <b>0-1</b> | <b>Schedule</b><br>3/11 - David reviewed the 3- week schedule. (See attached). Now that sector C is in for fabrication Todd can update the project schedule and will get it to the team as soon as possible. The Sector C steel is scheduled to deliver to the site on 3/23.<br>Jackson Luck will be installing a 36" storm line at the East side of the existing parking lot on Friday 3/13. There is no school but staff will be working. Allen will inform the staff that parking will be limited on Friday and Todd will barricade the area early Friday morning.                               | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-2</b> | <b>Safety/Security</b><br>3/11 - No issues this week. The District is working on a web cam to cover the building construction. There were a couple of classes that visited the site last week. Todd has scheduled an OSHA consultation on 4/15 @ 9:00am.<br>Jackson Luck has asked if they can use a portion of the existing playground for soil storage. This would require removing one of the existing swings.   | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-3</b> | <b>RFIs</b><br>3/11 - Reviewed RFI Log dated 3/10/15 (see attached).<br>RFI's Reviewed<br>184 - EF Tag and Louver on M111 - This was answered today.<br>198 - Automatic Entrances - Pivot wanted to review the hardware before responding.<br>203 - Swage Fork and Turmbuckle - EOR is reviewing this.<br>204 - Guardrail Support - This was answered today.<br>207 - Natural Gas and Propane Clarifications - This was answered today.<br>212 - Railing Connection - This was answered yesterday.<br>213 - Site Concrete - Being Reviewed<br>214 - Mounting Heights - This was answered yesterday. | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-4</b> | <b>CORs</b><br>3/11 - Reviewed attached COR log dated 3/10/15 (See attached).<br>COR 2R - Structural Additions and Changes - Fall arrest anchor count has been reduced by 22 per 4Js request. Submitted 3/04<br>COR 3R - Electrical/Low Voltage Changes - 4J provided a review and has requested revisions and added backup.<br>COR 4R - Plumbing and Civil RFI Changes - Revised submitted 3/06<br>COR 5 - Gym Equipment Addition - 4J would like the equipment supplier to look at an option of attaching directly to the OWJ bottom cord.  | <b>Information</b> |  | <input type="checkbox"/> |

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	<p>COR 7 - Control Central Stage Lighting - PR 012 changes will be added to PR 016.            COR 8 - Specification Revisions - Submitted 2/23            COR 9 - CMU Wall Conflict with Drinking Fountain in Room A120 - Submitted 3/06            COR 10 - Light Relay Revisions - PR 016 will be revised to incorporate PR 012.            COR 11 - HVAC Controls Related Revisions - Hydro-Temp is providing pricing.            COR 12 - Color Selections - Tile sub has submitted pricing based on square foot cost - Submitted 3/11            COR 14 - Food Service Electrical Revisions - Revised submitted 3/11            COR 15 - Hollow Metal Door Revisions - Revised PR 017 changed Bell Hardware's door hardware and should have a credit. Culver Glass should have a credit.            COR 16 - Structural / Plumbing Modifications - Todd ready to submit today.            COR 17 - Storm Drain Cleanouts Inside the Building - Todd ready to submit today.            COR 18 - AHU Equipment Schedule Revision - Todd ready to submit today.            COR 19 - PCC Pavement Reinforcement Revision - Todd ready to submit today.            COR 22 - City Electrical Review Modifications - Submitted 3/06            COR 23 - Art Tile Relocation and Wood Door Finish Revision - Todd ready to submit today.            COR 24 - Rerouting Drain Lines - Todd ready to submit today.            COR 25 - Revised Kitchen Equipment - Need Hydro-Temp pricing</p>			
<b>0-5</b>	<b>Submittals</b>	<b>Information</b>		<input type="checkbox"/>
	<p>3/11 - Reviewed attached submittal awaiting review log dated 3/10/15 (see attached).            Sector C Steel was released for fabrication. HVAC revisions required at Sector C Steel will need to be done in the field to avoid delaying the steel delivery schedule.</p>			
<b>0-6</b>	<b>Hot Items</b>	<b>Information</b>		<input type="checkbox"/>
	<p>3/11 -            Structural Steel Resubmittal for Sector B            Reclaimed Wood Sample for review.            Louver Substitution/submittal review</p>			
<b>1-1</b>	<b>Permits</b>	<b>Information</b>		<input type="checkbox"/>
	<p>12/10 - Adam will contact the City to get an update on the Building Permit &amp; Site Utility Permit. The Site Utility Permit is needed ASAP to avoid any delays with starting the underground utilities. This is a hot item.            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.            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            1/7 - Ben contacted Bruce with 4J to contact EWEB and start the water connection process.            1/14 - Bruce has contacted EWEB and stopped by today to check if Todd had received temp power.            1/21 - EWEB is working up pricing for the new water meter &amp; connection.            1/28 - Ongoing            2/4 - EWEB stated the new water meter design would take 5 to 6 weeks to complete.            2/11 - Ongoing.            2/25 - EWEB has submitted a cost estimate for the fire line and domestic water service along with fire vault requirements and shop drawings. Ryan provided a copy via email to the team.            3/4 - Ryan working to resolve the purchase with EWEB today.            3/11 - EWEB contacted Todd today and asked for staking at the water service location. David will contact Chris Bigalow @ EWEB to review their installation schedule.</p>			
<b>2-3</b>	<b>Low Voltage &amp; Electrical Coordination Meeting</b>	<b>Ryan Spain</b>	<b>3/13/15</b>	<input type="checkbox"/>
	<p>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.</p>			

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	<p>1/7 - Ongoing</p> <p>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.</p> <p>1/21 - John to contact supplier regarding the AXEX equipment list. Scofield has requested the list but has not received it from the supplier.</p> <p>1/28 - 4J will hold a hardware &amp; access control coordination meeting next Tuesday at 2pm at the 4J District office. Todd will coordinate with Bell Hardware and Scofield Electric to attend the meeting.</p> <p>2/4 - Ryan to organize an access control / coordination meeting for next Tuesday at 1:00 pm.</p> <p>2/11 - Next Tuesday 2/17 will be the next design coordination meeting. Any changes affecting CMU will be needed by Todd ASAP.</p> <p>2/18 - Adam is coordinating CMU concealed operator wiring/conduit with the structural engineer. Design team LV coordination is ongoing.</p> <p>2/25 - Darren with PAE is working on the document changes. Pivot should have a PR out to Todd by the end of this week or first of next.</p> <p>3/4 - 4J is reviewing the final design of the LV system. Design should be ready to send to Todd by the end of this week or early next week. A LV coordination meeting will be scheduled soon after the design is complete.</p> <p>3/11 - 4J should be done with their review of the LV design by Friday. Todd to set a coordination meeting for the end of next week.</p>			
<b>5-3</b>	<b>Pivot PCO Report</b>	<b>Information</b>		<input type="checkbox"/>
	<p>1/14 - Adam reviewed the PCO Report explaining how pending changes are tracked on the NewForma system. (See example attached)</p> <p>1/21 - Adam reviewed the PCO Report (See attached).</p> <p>1/28 - Adam reviewed the current PCO Report (See attached)..</p> <p>2/4 - No report this week.</p> <p>2/11 - Adam reviewed the current PCO Report (See attached).</p> <p>2/18 - Adam reviewed the current PCO Report (See attached).</p> <p>2/25 - Adam reviewed the current PCO Report (See attached).</p> <p>3/4 - Adam reviewed the current PCO Report (See attached).</p> <p>3/11 - No Report this week</p>			
<b>6-4</b>	<b>Building Security System</b>	<b>Information</b>		<input type="checkbox"/>
	<p>1/21 - Once the submittals are reviewed Pivot will set up a coordination meeting with 4J to review any owner provided rough in requirements and to ensure that all needed security items are covered by either Scofield or 4J School District.</p> <p>1/28 - The team will review the rough in requirements and responsibilities at the Hardware Coordination meeting to make sure the District standards are met and all rough in requirements are covered. A pre-installation meeting will also be needed and requirements can be reviewed/verified again.</p> <p>2/4 - Ryan will organize a coordination meeting for access control/low voltage for next Tuesday at 1:00pm.</p> <p>2/11 - Ongoing.</p>			
<b>6-6</b>	<b>Traffic Plan for Existing School Demo</b>	<b>Information</b>		<input type="checkbox"/>
	<p>1/21 - Harv prepared a traffic plan for the team to review. Allen will check with the Howard ES staff regarding the proposed access paths to the new school during the demolition phase of the existing school. ADA access will be needed from the street to the new school during the demolition phase.</p> <p>1/28 - Pivot will generate a final version of the traffic plan once the critical path issues have been resolved.</p> <p>2/4 - Pivot to send Ryan a copy of the proposed traffic control plan for review.</p> <p>2/11 - Ongoing.</p>			
<b>7-2</b>	<b>Reclaimed Wood</b>	<b>Information</b>		<input type="checkbox"/>
	<p>1/28 - David took an inventory of the reclaimed lumber material stored at the abandoned elementary school. Todd's subcontractors are planning to remove the lumber at the end of next</p>			

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	<p>week 2/6. There is a motor home parked in front of the access door and will need to be moved by the middle of next week to allow access to the material.</p> <p>2/4 - 4J contacted the owner of the motor home and will arrange to move it as needed. Todd to notify 4J several days ahead of the required move date.</p> <p>2/11 - According to the subcontractors the quantity of reclaimed wood available is just enough for the project. Todd to have a sample prepared for the team to review.</p> <p>2/18 - Andy to check on progress of the sample being prepared for review.</p> <p>2/25 - David to contact Cascade Acoustics and coordinate the sample prepared.</p> <p>3/4 - Cascade Acoustics is working on a sample for review.</p> <p>3/11 - Ongoing</p>			
<b>9-1</b>	<b>Stock Pile Onsite Landscape Dirt</b>	<b>David Haggard</b>	<b>3/18/15</b>	<input type="checkbox"/>
	<p>2/11 - Jackson Luck would like to use an area on the West side of the site and currently outside the construction fencing to stockpile the onsite landscape dirt material. The team to walk the area today after the meeting.</p> <p>2/18 - Team agreed that the proposed area should work, but the existing paving would need to be removed first and the existing storm drain system will need to be protected from erosion. The existing school exit route will need to be maintained.</p> <p>2/25 - Jackson Luck is concerned with moving dirt before the summer months. Todd to work on the schedule @ the play area.</p> <p>3/4 - Ongoing.</p> <p>3/11 - David to sketch out a stock pile plan and will review it with Pivot and 4J.</p>			
<b>12-1</b>	<b>Tormax Series Doors</b>	<b>Butch Edwards</b>	<b>3/18/15</b>	<input type="checkbox"/>
	<p>3/4 - 4J is planning to change the sliding doors to a different model. Pivot will provide a PR next week for the change.</p> <p>3/11 - Culver Glass will be onsite today for a coordination meeting.</p>			
<b>12-2</b>	<b>Building Envelope</b>	<b>Information</b>		<input checked="" type="checkbox"/>
	<p>3/4 - 4J and Pivot will be doing the building envelope thermal imaging.</p>			
<b>12-3</b>	<b>Commissioning Agent</b>	<b>Information</b>		<input type="checkbox"/>
	<p>3/4 - 4J is planning to hire an Commissioning Agent for the project. Ryan is collecting quotes now.</p> <p>3/11 - Ongoing</p>			
<b>New Business</b>				
<b>13-1</b>	<b>Light Shelves</b>	<b>Butch Edwards</b>	<b>3/18/15</b>	<input type="checkbox"/>
	<p>3/11 - Butch with Culver Glass will be onsite today to review options regarding the structural conflicts with the light shelves.</p>			
<b>13-2</b>	<b>Mock Up - Polished Color</b>	<b>David Haggard</b>	<b>3/18/15</b>	<input type="checkbox"/>
	<p>3/11 - Allen asked if Todd could add a Grey options to the mock up concrete polish. Adam asked Todd to provide a Graphite Grey sample.</p>			
<b>13-3</b>	<b>FDC Location</b>	<b>Information</b>		<input type="checkbox"/>
	<p>3/11 - The FDC location was questioned by the Fire Marshall during the fire sprinkler submittal review. BDH Fire Protection is working with the Fire Marshall and will include a revised location in their revised submittal.</p>			

Meeting adjourned at 10:00.

## *Meeting Minutes*

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**Next meeting at 9:00:00AM on Wednesday, March 18, 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.)

# 3 WEEK SCHEDULE

Howard Elementary School

HOW 14-24



ACTIVITIES	SUB	3/9	3/10	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/21	3/22	3/23	3/24	3/25	3/26	3/27
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
<b>SITE</b>																				
Storm piping	Jackson	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X
Fire road complete for steel	Jackson			X	X	X														
Storm tie-in existing parking lot	Jackson					X														
<b>SECTOR A</b>																				
CMU	Davidson's	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X
Rebar SOG grid 1-4	SI	X																		
Pour SOG grid 1-4 & Cafeteria	Todd		P																	
<b>SECTOR B MEDIA</b>																				
Elect & plbng SOG	Scotfield	X	X	X	X															
Grade SOG	Jackson					X														
Rebar SOG	SI							X	X											
Pour SOG	Todd										P	P	P							
<b>SECTOR C</b>																				
Deliver structural steel/decking	Advanced															X	X	X		
Erect structural steel	AI																	X	X	X
<b>MOCK UP</b>																				
Architect review installation	Pivot			X							X							X		
WRB & window wraps	Insulpro		X	X																
Window angle & flashings	Culver		X	X																
Frame & side bump outs	Rock							X	X											
Storefront & curtainwall	Culver										X	X	X							
Veneer	Davidson's				X	X														
<b>4J School District</b>																				
No school	4J					X														
Spring Break	4J															X	X	X	X	X
Pay EWEB water service	4J																			

# Request for Information

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

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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	COR 24	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	CLO		01/14/15		
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	CLO		01/15/15		01/15/15
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	CLO	PR	01/23/15		01/23/15
91	01/08/15	3/4" x 12" J-Bolts Substitution	01/12/14	CLO		01/09/15		01/12/15



# Request for Information

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
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		01/15/15
95	01/08/15	Ground Face CMU	01/15/15	CLO		01/13/15		01/15/15
96	01/12/15	Top Rail Size	01/14/15	CLO		01/12/15		01/15/15
97	01/12/15	Joist Kicker Angles	01/14/15	CLO		01/20/15		01/20/15
98	01/12/15	Z Shaped Bent Plate	01/14/15	CLO		01/14/15		01/15/15
99	01/12/15	Perforated Panels on Railing	01/14/15	CLO	PR	01/19/15		01/19/15
100	01/15/15	Door Opening A104D Clarification	01/22/15	CLO		01/16/15		
101	01/15/15	Door Frames in CMU	01/22/15	CLO		01/16/15		01/19/15
102	01/15/15	Foundation Drain Clarifications	01/22/15	CLO		01/16/15		01/19/15
103	01/16/15	Elliptical Axis	01/16/15	CLO		01/16/15		01/16/15
104	01/16/15	Joist Bearing on Columns	01/20/15	CLO		01/21/15		01/22/15
105	01/19/15	Joist Loading	01/21/15	CLO		01/20/15		01/20/15
106	01/20/15	Underground Piping at A112, B138 and B125C	01/27/15	CLO	COR 31	01/23/15		01/23/15
107	01/21/15	Clear Concrete Openings	01/23/15	CLO	PR	01/21/15		01/22/15
108	01/21/15	Skylight Frame Toes	01/23/15	CLO		01/21/15		01/22/15
109	01/21/15	Fall Arrest Attachment Detail	01/23/15	CLO		01/21/15		
110	01/22/15	Storm Drain Cleanouts Inside the Building	01/26/15	CLO	COR 17	01/28/15		01/28/15
111	01/22/15	Pex Clarification	01/29/15	CLO		01/26/15		01/27/15
112	01/22/15	Reclaimed Water Material	01/29/15	CLO		01/26/15		01/27/15
113	01/23/15	Gym CMU-2 Natural Grey	01/30/15	CLO		01/23/15		01/23/15
114	01/23/15	CMU Groundface Material Clarification	01/30/15	CLO		01/23/15		01/23/15
115	01/23/15	Unit Strength Method	01/30/15	CLO		01/27/15		01/28/15
116	01/23/15	Section Cut #8 on S143	01/27/15	CLO		01/23/15		01/23/15
117	01/23/15	Stair Riser Symmetry	01/27/15	CLO		01/29/15		01/30/15
118	01/23/15	Comments on Redlines for Sector B High Roof Joist Plans	01/27/15	CLO		01/23/15		01/23/15
119	01/23/15	Joist Sections	01/27/15	CLO		01/23/15		01/23/15
119R	01/26/15	Joist Sections	01/28/15	CLO		01/27/15		01/28/15
120	01/26/15	Stair Intermediate Landing	02/02/15	CLO		01/27/15		
121	01/26/15	Handrail to Guardrail Connection	01/29/15	CLO		02/01/15		02/03/15
122	01/26/15	Shear Wall Clarification	02/02/15	CLO		01/27/15		01/28/15
123	01/28/15	Door Hardware Clarifications	01/30/15	CLO		02/02/15		02/04/15
124	01/29/15	PR 3 Plastic Laminate PL-1A Color Change	02/05/15	CLO		02/01/15		02/03/15
125	01/29/15	PR 17 Door Hardware at A103G	02/02/15	CLO		02/04/15		02/05/15
126	02/02/15	Fire Protection Specialties Conflict	02/09/15	CLO		02/03/15		02/03/15
127	02/05/15	PR 8RR Water Line Clarification	02/12/15	CLO		02/05/15		02/05/15
128	02/05/15	Music Room Low Voltage Raceways	02/10/15	CLO	PR	02/06/15		02/06/15
129	02/05/15	Microphone Junction Box	02/12/15	CLO	PR	02/06/15		02/06/15
130	02/05/15	Gate Card Readers	02/12/15	CLO		02/09/15		02/11/15
131	02/05/15	Manual Transfer Switch	02/12/15	CLO		02/10/15		02/12/15
132	02/05/15	Solar Power System Inverter Location	02/12/15	CLO		02/11/15		02/12/15
133	02/05/15	Deck Closure at Administration Canopy	02/09/15	CLO		02/10/15		02/11/15
134	02/05/15	Gauge Blocking	02/09/15	CLO		02/10/15		02/11/15
135	02/06/15	Electrical Plan Review Modifications	02/11/15	CLO	PR	02/13/15		02/13/15
136	02/09/15	Masonry Precon Clarifications	02/16/15	CLO		02/11/15		02/12/15
137	02/10/15	Standing Seam Wall Panel Support	02/17/15	CLO		02/10/15		02/12/15

# Request for Information

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
138	02/10/15	Cistern Transfer Pump Support	02/17/15	CLO		02/18/15		02/18/15
139	02/10/15	Generator Circuits	02/16/15	CLO		02/18/15		02/18/15
140	02/10/15	Access to Wall at Grid Line H2	02/13/15	CLO	PR	02/20/15		02/23/15
141	02/12/15	Sector A Footings at Stage Columns C3s	02/19/15	CLO		02/12/15		
142	02/12/15	Sector A Footing Blocked Out	02/19/15	CLO	COR 20	02/12/15		
143	02/12/15	Toilet Height Clarification	02/19/15	CLO		02/18/15		02/19/15
144	02/12/15	Exterior Wall Mounted Fixture S5 Elevation	02/19/15	CLO		02/18/15		02/18/15
145	02/13/15	Kitchen Plumbing Issues	02/17/15	CLO	COR 27	02/18/15		02/19/15
146	02/13/15	CMU Footing Dowels	02/20/15	CLO		02/18/15		
147	02/13/15	Siren Mounting Height	02/20/15	CLO		02/18/15		02/19/15
148	02/13/15	Fiber Optic Cable	02/20/15	CLO		02/17/15		02/17/15
149	02/13/15	Fixture Type L11	02/20/15	CLO		02/18/15		02/18/15
150	02/13/15	Fiber Optic Raceway Route and Connection	02/20/15	CLO	PR	02/17/15		02/17/15
151	02/16/15	Dimension for Reclaimed Water Skid	02/23/15	CLO		02/23/15		02/24/15
152	02/16/15	Sector C Structural Steel Review	02/18/15	CLO		02/18/15		02/18/15
153	02/17/15	Beam Splicing at Operable Partition	02/20/15	CLO		02/23/15		02/23/15
154	02/17/15	HSS Beam Connection Detail Needed	02/20/15	CLO		02/23/15		02/24/15
155	02/18/15	Selective Coordination	02/25/15	CLO		02/23/15		02/24/15
156	02/18/15	Floor Sink and Waste Sizing in Room A109	02/25/15	CLO		02/20/15		02/23/15
157	02/18/15	Exposed Piping to HB-1 in Mechanical Platform	02/25/15	CLO		02/24/15		02/25/15
158	02/18/15	Elevations for WH-1s and DSN-1s	02/25/15	CLO		02/24/15		02/25/15
159	02/18/15	Mounting and Inertia Base Clarification for Pumps	02/25/15	CLO		02/24/15		02/25/15
160	02/18/15	Piping Seismic Loops Missing at Seismic Joints	02/25/15	CLO		02/24/15		02/25/15
161	02/18/15	Courtyard Downspouts for Canopy Clarification	02/25/15	CLO		02/19/15		02/19/15
162	02/20/15	Missing Beam Location	02/24/15	CLO		02/24/15		02/24/15
163	02/20/15	Panelboard Submittal Review Comments	02/27/15	CLO		03/03/15		03/04/15
164	02/20/15	Tube Steel Connections	02/24/15	CLO		02/23/15		02/23/15
165	02/20/15	HSS to Wide Flange Connections	02/24/15	CLO		02/23/15		02/23/15
166	02/20/15	Bent Plate Around Hatch	02/24/15	CLO		02/23/15		02/23/15
167	02/23/15	WSCB-1 Clarifications	02/25/15	CLO		02/25/15		02/25/15
168	02/23/15	Venting of FS-1s in Kitchen	02/26/15	CLO	COR 28	03/02/15		03/03/15
169	02/25/15	RFI 133 Clarification	02/27/15	CLO		02/26/15		02/25/15
170	02/25/15	RFI 165 Clarification	02/25/15	CLO	PR	03/02/15		03/03/15
171	02/25/15	Hydronic Sizing to AH-Admin	03/04/15	CLO	COR 29	03/02/15		03/03/15
172	02/25/15	Revised Connection Detail Request	02/27/15	CLO		03/03/15		03/04/15
173	02/25/15	CMU Blockouts	03/04/15	CLO	COR 30	03/03/15		03/03/15
174	02/25/15	Confirm 5% Mortar Color	03/04/15	CLO		02/25/15		02/26/15
175	02/25/15	Hook at Horizontal Bars	03/04/15	CLO		03/02/15		03/04/15
176	02/25/15	V5 Wall Type Needed	03/04/15	CLO		02/26/15		02/26/15
177	02/26/15	Flushometers and Grab Bar Conflict	03/05/15	CLO		03/09/15		03/09/15
178	02/26/15	Clarification for Standard WCs	03/05/15	CLO		02/27/15		02/27/15
179	02/27/15	Sector-B South C1 Anchor Bolts	03/06/15	CLO		03/04/15		
180	02/27/15	CMU Rebar	03/06/15	CLO		03/03/15		03/04/15
181	02/27/15	Media Workroom Access	03/06/15	CLO		03/03/15		03/04/15
182	03/03/15	Underslab Insulation	03/10/15	CLO		03/03/15		
183	03/03/15	Floor Sinks/Drain 1/2" BFF	03/10/15	CLO		03/09/15		03/09/15
184	03/03/15	EF Tag and Louver on M111	03/10/15	NEW				

# Request for Information

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
185	03/03/15	Proposed Wall Assembly at Metal Panels	03/10/15	CLO		03/09/15		03/09/15
186	03/03/15	Low Voltage Switch Designation	03/06/15	CLO		03/09/15		03/10/15
187	03/03/15	Classroom AV Enclosure	03/06/15	CLO		03/09/15		03/09/15
188	03/03/15	Underslab Conduits	03/06/15	CLO		03/09/15		03/09/15
189	03/03/15	Distributed Antennae System	03/06/15	CLO		03/09/15		03/09/15
190	03/03/15	Raceway Termination at Media Workroom	03/06/15	CLO		03/09/15		03/09/15
191	03/03/15	Gate Card Readers	03/06/15	CLO		03/04/15		03/04/15
192	03/03/15	Exposed Conduit on Walls	03/06/15	CLO		03/04/15		03/04/15
193	03/03/15	Kitchen Desk Location	03/06/15	CLO		03/09/15		03/09/15
194	03/03/15	Cafeteria Sectional Doors Controls	03/06/15	CLO	PR	03/04/15		03/04/15
195	03/04/15	Administration Canopy Connection	03/06/15	CLO		03/04/15		03/05/15
196	03/04/15	Connection Detail	03/06/15	CLO		03/05/15		03/06/15
197	03/05/15	Deck Bearing Elevations Correction 5/A301	03/09/15	CLO		03/05/15		03/06/15
198	03/05/15	Automatic Entrances	03/12/15	NEW				
199	03/06/15	A102 CJ Locations and Delete Kitchen CJ	03/13/15	CLO		03/09/15		
200	03/06/15	Fascia Stud Dimensions	03/09/15	CLO		03/09/15		03/09/15
201	03/06/15	Window Header Framing Detail at HSS	03/13/15	CLO		03/10/15		03/10/15
202	03/09/15	Exterior Header/Sill to Jamb Connection	03/12/15	CLO		03/10/15		03/10/15
203	03/09/15	Swage Fork and Turnbuckle	03/10/15	NEW				
204	03/09/15	Guardrail Support	03/10/15	NEW				
205	03/09/15	Exposed Risers from Sink at Grid 7.8 and J	03/16/15	CLO		03/09/15		03/10/15
206	03/09/15	Radiant Manifold Clarification	03/16/15	CLO		03/09/15		03/10/15
207	03/09/15	Natural Gas and Propane Clarifications	03/16/15	NEW				
208	03/09/15	Back to Back Child-Adult ADA Conflict for Waste and Carriers	03/16/15	CLO		03/09/15		03/10/15
209	03/09/15	Standing Seam Wall Panel Options	03/16/15	CLO		03/09/15		03/10/15
210	03/09/15	SOG Hook Bars	03/16/15	CLO		03/10/15		
211	03/10/15	Mechanical Stair Question	03/11/15	CLO		03/10/15		03/10/15
212	03/10/15	Railing Connection	03/11/15	NEW				
213	03/10/15	Site Concrete	03/17/15	NEW				
214	03/10/15	Mounting Heights	03/17/15	NEW				
PR 002	12/19/14	P002 Signage Changes and Equipment Labeling	12/19/14	CLO		12/22/14		01/08/15
PR 003	01/12/15	P003 Color Selections	01/16/15	CLO	COR 12	01/16/15		01/16/15
PR 004	12/04/14	P004 Platform Stair Change - NOT ACCEPTED	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 006	02/13/15	P007 Skylight Well Soffit Support and HSS Jamb Revision	02/13/15	CLO	COR 21	02/16/15		02/16/15
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 008RR	01/15/15	P016 Plumbing/Civil Revisions - CCD 1R	01/15/15	CLO	COR 4R	01/16/15		01/16/15
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	COR 11	12/31/14		01/05/15
PR 014	01/09/15	P025 Structural/Plumbing Modifications REVISED 2/27/15	01/09/15	CLO	COR 16	01/09/15		01/12/15

RFI #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
PR 015	01/23/15	P005 Runnel, Guardrail, & Elevator Framing Revisions REVISED 1/26/15, 2/3/15	01/23/15	CLO	COR 13	01/23/15		01/23/15
PR 016	01/16/15	P027 Lighting Relay Revisions	01/16/15	CLO	COR 10	01/16/15		01/19/15
PR 017	01/27/15	P028 HM Door Revisions REVISED 2/5/15, 2/20/15 - CCD 2	01/27/15	CLO	COR 15	01/27/15		01/28/15
PR 018	01/23/15	P029 Food Service Electrical Revisions	01/23/15	CLO	COR 14	01/26/15		01/26/15
PR 019	02/20/15	P030 Art Tile Relocation and Wood Door Finish Revision	02/20/15	CLO	COR 23	02/19/15		02/19/15
PR 020	02/09/15	P032 PCC Pavement Reinforcement Revision	02/09/15	CLO	COR 19	02/10/15		02/12/15
PR 021	02/09/15	P034 AHU Equipment Schedule Revision	02/09/15	CLO	COR 18	02/10/15		02/11/15
PR 022	02/17/15	P035 Revised Kitchen Equipment	02/17/15	CLO	COR 25	02/20/15		02/20/15
PR 023	02/17/15	P036 AHU Locations and Duct Size/Routing Revision	02/17/15	CLO	COR 26	02/25/15		02/26/15
PR 024	02/16/15	P037 City Electrical Review Modifications	02/16/15	CLO	COR 22	02/19/15		02/19/15

# Change Order Request Log

**Job No: 14-24**  
**Howard Elementary School**

Date: 3/10/2015

Number	Change Issue	Description	Date to Sub	Quoted	Time Requests	Date to Owner	Date Approved	CO #	Approved Amount
1R	PR 004	Platform Stair Change	12/04/14	\$0.00	0	01/22/15		VOID	\$0.00
2RR	PR 005	Structural Additions and Changes	12/04/14	\$25,406.28	4	03/04/15			
3R	PR 007	Electrical/Low Voltage Changes	12/09/14	\$18,377.38		02/16/15			
4RR	PR 008RR	Plumbing and Civil RFI Changes	12/15/14	\$48,029.52		03/06/15			
5	PR 009	Gym Equipment Addition	12/16/14	\$2,474.81		02/06/15			
6	PR 011	Structural Revisions and Handrail Revision	01/02/15						
7	PR 012	Control Central Stage Lighting	01/02/15	\$10,392.38		02/16/15			
8	PR 010R	Specification Revisions	01/12/15	\$14,292.30		02/23/15			
9R	RFI 48R	CMU Wall Conflict with Drinking Fountain in Room A120	01/13/15	\$752.93		03/06/15			
10	PR 016	Lighting Relay Revisions	01/19/15						
11R	PR 013	HVAC Controls Related Revisions	01/20/15						
12	PR 003	Color Selections	01/20/15						
13	PR 015	Runnel, Guardrail and Elevator Framing Revisions	01/23/15						
14	PR 018	Food Service Electrical Revisions	01/26/15	\$903.74		02/17/15			
15	PR 017	Hollow Metal Door Revisions	01/28/15	\$15,629.87		02/16/15			
16	PR 014	Structural/Plumbing Modifications	01/28/15						
17	RFI 110	Storm Drain Cleanouts Inside the Building	01/28/15						
18	PR 021	AHU Equipment Schedule Revision	02/11/15						
19	PR 020	PCC Pavement Reinforcement Revision	02/12/15						
20	RFI 142	Sector A Footing Blocked Out	02/13/15						
21	PR 006	Skylight Well Soffit Support and HSS Jamb Revision	02/16/15						
22	PR 024	City Electrical Review Modifications	02/19/15	\$18,998.35		03/06/15			
23	PR 019	Art Tile Relocation and Wood Door Finish Revision	02/19/15						
24	RFI 082	Rerouting Drain Lines	02/19/15						
25	PR 022	Revised Kitchen Equipment	02/20/15						
26	PR 023	AHU Locations and Duct Size/Routing Revision	02/26/15						
27	RFI 145	Kitchen Plumbing Revisions	03/03/15						
28	RFI 168	Venting of FS-1s in Kitchen	03/03/15						
29	RFI 171	Hydronic Sizing to AH-Admin	03/03/15						
30	RFI 173	CMU Blockouts	03/04/15						
31	RFI 106	Underground Piping at A112, B138 and B125C	03/06/15	\$3,347.25		03/06/15			
32	None	Overhead Door Slab Edge at Radiant Heat Slab	03/06/15						

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## Change Order Request Log

Job No: 14-24  
Howard Elementary School

Date: 3/10/2015

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: 3/10/2015

Spec	Submittal	Rev	Title	Subcontractor	Due Date	Sub to Todd	Todd to Arch	From Arch	Todd to Sub	Status
<b>077200</b>	<b>ROOF ACCESSORIES</b>									
	077200-01	0	Product Data: Roof hatches	RC Building Specialties LLC	01/30/15	01/26/15	03/06/15			
	077200-02	0	Product Data: Davit crane	Galifco Oregon	01/30/15	01/07/15	03/06/15			
<b>079005</b>	<b>JOINT SEALERS</b>									
	079005-01	0	Product Data and Installation Instructions	Sawtooth Caulking Inc	02/13/15	01/07/15	03/09/15			
	079005-02	0	Joint Sealant Schedule	Sawtooth Caulking Inc	02/13/15	01/07/15	03/09/15			
	079005-03	0	Sealant, Waterproofing and Restoration Institute Validation Certificate	Sawtooth Caulking Inc	02/13/15	01/07/15	03/09/15			
	079005-04	0	Selection Samples: Color chart	Sawtooth Caulking Inc	02/13/15	01/07/15	03/09/15			
<b>089100</b>	<b>LOUVERS</b>									
	089100-01	0	Product Data	R&S Manufacturing and Sales	01/30/15	01/26/15	03/09/15			
<b>102800</b>	<b>TOILET, BATH, AND LAUNDRY ACCESSORIES</b>									
	102800-01	0	Product Data	WH Cress Company Inc	01/30/15	01/30/15	03/06/15			
<b>104400</b>	<b>FIRE PROTECTION SPECIALTIES</b>									
	104400-01	0	Product Data and Installation Instructions	WH Cress Company Inc	01/30/15	02/04/15	03/06/15			
	104400-02	0	Shop Drawings	WH Cress Company Inc	01/30/15	02/04/15	03/06/15			
<b>222113</b>	<b>PIPE AND PIPE FITTINGS PLUMBING</b>									
	222113-04	0	Product Data: Pex Fitting	Hydro-Temp Mechanical Inc		02/27/15	03/05/15			