

## Meeting Minutes

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

**Meeting:** Owner/Architect/GC # 38  
**Date:** 9/2/15  
**Start Time:** 9:00:00AM

### Attendees

**Attended**

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

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

- |            |  |                    |  |                          |
|------------|--|--------------------|--|--------------------------|
| <b>0-1</b> | <p><b>Schedule</b></p> <p>9/2 - David reviewed the 3- week schedule (see attached). Dexter Rummel is a new PM with 4J and will be transitioning in on the Howard project. Dexter will be added to Todd's distribution list. Adam will be gone 9/2 - 9/16 John Stapleton will be the Pivot contact in Adam's absence Howard school staff will be back to work starting 9/1 and students starting 9/9.</p>   | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-2</b> | <p><b>Safety/Security</b></p> <p>9/2 - Temporary protection at windows and door entrances will be needed now that finishes have started. Todd will construct temporary walls and entrance doors to protect finished areas. Culver will need to provide plywood or other means of securing the window openings where glass isn't installed. Monday 8/31 Rock Roofing had another incident of static electricity igniting the WRB primer on the West side roof at Sector A. Robert Chandler (Rock Roofing Foreman) said the fire was extinguished within 30 seconds of starting and no damage was caused. Spray adhesive used by Culver Glass was stolen from the construction site and sprayed on the lock sets at the existing Howard school. Todd to remind subs to keep building materials secure.</p> | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-3</b> | <p><b>RFIs</b></p> <p>9/2 - Reviewed Unanswered RFI Log dated 9/1/15 (see attached).<br/>RFIs Reviewed<br/>438 - Exhaust Fan Weight at Admin - PAE to answer today<br/>442 - HVAC Ducts and Casing Submittal - PAE to answer today<br/>446 - Fastening Metal Furring to CMU - Pivot reviewing - answer may be in another spec section.<br/>447 - Fire Rated Sleepers Under AHU's - PAE/Pivot reviewing</p>   | <b>Information</b> |  | <input type="checkbox"/> |
| <b>0-4</b> | <p><b>CORs</b></p> <p>9/2 - Reviewed attached COR log dated 9/1/15 (See attached). CORs 15R, 48, 72R, 76, 90, 101R, 104 were approved and ready for CO#6. 4J review of CORs requiring revision are 10RR, 55, 56, 87, 91, 95. 4J asked that Todd verify the Isolation Valve count on COR 57. Team requested that Todd provide a log of open CORs for review at the meetings.<br/>COR 3RR - Electrical/low Voltage Changes - 7/7 Scofield provided clarification on their scope. Huser did not provide clarification for their scope. Todd proposed removing Huser scope from this change. 4J reviewing.</p>   | <b>Information</b> |  | <input type="checkbox"/> |

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	<p>COR 10R - Light Relay Revisions - 7/8 Scofield provided revised COR with credit. 8/12 This COR response is needed ASAP as electrical roughin has started for this change. 8/24 4J Review - Correct as noted.</p> <p>COR 26 - AHU Locations and Duct Size/Routing Revision - Submitted 7/7. 4J review R &amp; R 8/25</p> <p>COR 33 - Electrical /Low Voltage/Plumbing/Structural Revisions - Todd received Scofield quote with the team today. Quote for electrical changes was \$123,553. Submitted 6/16. 6/24 4J requested a breakdown from Scofield on labor.</p> <p>COR 37 - New FDC Location - Todd has received pricing and will submit for review this week. Submitted 7/8. 4J review R &amp; R 8/21</p> <p>COR 45 - Trap Primers for Mezzanine Floor Sinks - Submitted 7/8. 4J review R &amp; R 8/25</p> <p>COR 49 - Re-route Piping at 2nd Floor B Classroom Sink Due to Conflict - Submitted 7/9. 4J review Rejected 7/23</p> <p>COR 51 - Support Under Chiller - Ready to submit 7/16</p> <p>COR 52R - Re-Detailing Due to SLRS Changes - Submitted 7/14 Rejected. Resubmitted 7/31. 4J review Rejected 8/28</p> <p>COR 53 - Louver and Kitchen Canopy Embeds - Ready to submit 7/16</p> <p>COR 55 - Exterior Storm Line Sizing - Submitted 7/9. 4J review 8/21 R &amp; R</p> <p>COR 56 - Venting of Mezzanine Floor Sinks - Submitted 7/9. 4J review 8/24 R &amp; R</p> <p>COR 57 - Plumbing Isolation Valves - Submitted 7/8. 4J review 8/21 Todd to verify valve count.</p> <p>COR 58 - Mobile Casework Units Revision - Submitted 7/7. Requested a revised casework count from Fremont 8/21</p> <p>COR 60 - Access Plan During Demolition - On hold by 4J</p> <p>COR 87 - Standing Seam Wall Panel Support - Submitted 7/6. 4J review 8/21 R &amp; R</p> <p>COR 89 - Re-Route Wall Conduits - Submitted 7/7. 4J review R &amp; R 7/23</p> <p>COR 91 - RHW Balance Valve Location Clarification - Submitted 7/9. 4J review 8/24 R &amp; R</p> <p>COR 95 - Gutter Size Conflict with Rain Drain - Submitted 7/20. 4J review 8/21 R &amp; R</p> <p>COR 112 - CMU Revision at Jams - Submitted 8/20. 8/25 Todd to revise as some of the CMU returns were not installed by Davidson.</p>			

**0-5 Submittals**

**Information**

9/2 - Reviewed attached submittal awaiting review log dated 9/1/15 (see attached). See submittal matrix for remaining submittals.

062000 - Finished Carpentry - Samples of the wood panel core material and salvaged wood were provided to Pivot. A sample of the wood veneer WSCT-1 is still required.

122400 - Window Shades - Todd received the revised shop drawings 9/2/15 and will verify the PR revisions were made.

274119 - Integrated Audio-Visual Systems and Equipment - NIS Reviewing

275113 - Paging Systems - NIS Reviewing

Remaining Submittals		<input type="checkbox"/>
5	Delegated Design	<input type="checkbox"/>
9	Deferred Submittal	
2	Mock up	<input type="checkbox"/>
41	Product Data	
16	Field Reports	<input type="checkbox"/>
5	Samples	
23	Shop Drawings	<input type="checkbox"/>
101	Total	

**0-6 Hot Items**

**Information**

8/26 - Numerous resubmittals needed - Todd to supply matrix for tracking Louvers - Todd received submittals from Construction Specialties. Is checking shop drawing dimensions.

NCO - Need closure info.

Long Lead Item Schedule

**5-3 Pivot PCO Report**

**Information**

See previous meeting minutes for past PCO Report information.

8/5 - No report - new items this week PR 32 - Revised PV design. Advanced Energy created a one line drawing to demonstrate an option. Todd to submit for review.

8/12 - Adam reviewed current PCO report. Potential changes P092 MDF/IDF Room Cooling Layout, P098 Head Start Building Utilities.

8/19 - No new items.

8/26 - No new items.

9/2 - No new items.

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Item	Description	Responsible	Due Date	Closed
14-1	<p><b>Landscape Well</b></p> <p>3/18 - 4J is planning to coordinate the installation of a new irrigation well. The well was not part of the construction documents but is needed to complete the current irrigation water design.            3/25 - 4J is looking at options and may run this as a COR through Todd.            4/01 - Ongoing            4/29 - Todd to provide a layout to locate the well site.            5/6 - Layout is provided. Todd to check what owner provided items are needed at the well.            5/13 - Ongoing</p>	Ryan Spain		<input type="checkbox"/>
14-2	<p><b>Non Compliance Issues</b></p> <p>9/2 - Todd to provide pictures to document the completed work. Todd has picture backup for NCO items 017, 018, 025, 029, 31, 39, 40, 41 and will forward to Pivot.            Items previously discussed:            011 - Cafeteria slab at mobile counter/bar locations - 4J was concerned about a depression in the concrete slab. 7/8 (Remains Open at request of 4J)            012 - Bottom Run of Stairs Riser Type - 5/27 Team reviewed installation. 7/8 (Remains Open until precast treads are installed)            017 - HVAC/Plumbing Riser Supports - Hydro-Temp has indicated that this is a temporary installation and will be per specifications once all components are in place. 7/8 (Sector C ready to document/close)            018 - HL Site Visit Report #5 - Issues noted by EOR regarding framing in contact with brace frames. 6/24 Todd to supply photo documentation of Cascade replacement framing. 7/8 (Sector C ready to document/close) 8/26 David is labeling the pictures of the repaired areas with the HL report # and will submit to Pivot.            020 - Top of Stair Riser/Slab Transition - David proposed using a transition strip. 6/17 Andy to collect submittal info.            025 - HL Site Visit Report #7 - A few framing issues were noted. Report was forwarded to Cascade to address issues.            026 - BHE Site Visit Report - Erosion control measures are missing. Report was forwarded to Jackson Luck to address issues.            029 - CMU Wall Opening Above Door A104D Missing. Hydro-Temp was notified of the issue. 8/26 Opening has been installed for revised louver location.            030 - HM Door A116B installed in CMU - Door to be installed in metal framed furred wall per response to RFI 48R            031 - PAE Mech/Plumb Site Visit Report - Duct and Piping installation in sector D and C classroom wings.            033 - PAE Elec Site Visit Report 07/08/15 - Conduit and box installation at Sector B South and C.            037 - Tapered Insulation &amp; Roof Drainage @ Sector B South - Roof slopes away from drain. 8/5 Ryan thought the roof may not be fully adhered. Todd to have the roofing rep inspect.            038 - HM Door Joint Seals - HM Door joint seals do not have 1/2" minimum width. 8/5 Todd to cut CMU back to allow for 1/2" joint.            039 - Entry Column Downspouts - Holes in the downspouts located within the entry columns were observed. 8/26 Todd completed an epoxy fill to patch the downspout holes.            040 - Electrical Box Seals &amp; Vapor Retarder Seals - Acoustic seals were missing from the electrical boxes in acoustical walls. vapor retarding at exterior walls were not sealed where penetrated by MEP. 8/5 Todd has added putty pads to all required electrical boxes.            041 - This is related to 031 and is for the same issues.            042 - COR 112 CMU Return Units at Jamb - Returns were not installed at type PP windows. A alternate flashing and caulking design will be used. Todd to provide a confirming RFI.</p>	Information		<input type="checkbox"/>
28-1	<p><b>Commissioning Issues</b></p> <p>6/24 - 4J requested the Commissioning Issues will be added to the meeting minutes. Commissioning information has been forwarded to the MEP subs and the observation reports will be added to the meeting minutes (see attached)            7/1 - It was noted by the Commissioning Agent that the air handling units were left in the weather unprotected. Todd has forwarded the commissioning report to Hydro-Temp.            7/8 - Ryan mentioned viewing the AHUs were loosely covered which needed attention. Todd had notified Hydro-Temp of the issue and will check that the covering is secured.</p>	Information		<input type="checkbox"/>

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Item	Description	Responsible	Due Date	Closed
	<p>7/15 - The AHUs are still not covered adequately. Todd reviewed this with Hydro-Temp's site foreman at the sub meeting and will notify the Project Manager of the ongoing issue.</p> <p>7/22 - Same unprotected duct and AHU issues. Hydro-Temp has been notified of the issue and has responded that they will clean and reseal all duct and AHUs. Hydro-Temp will have the equipment rep inspect the AHUs and provide a inspection report. The commissioning agent will be onsite next week.</p> <p>7/29 - Hydro-Temp cleaned and resealed unprotected duct and AHUs. Commissioning agent will be onsite 8/11.</p> <p>8/5 - 4J requested a date that the AHUs would be installed to give the commissioning agent something to inspect. Todd to work on a schedule date.</p> <p>8/19 - No new issues.</p> <p>8/26 - Hydro-Temp is adding crew on 8/31 to get the HVAC equipment at the mezzanines set and ready to inspect.</p> <p>9/2 - RFI 447 - Fire rated sleepers under AHU's will need to be answered before Hydro-Temp can start setting AHU's.</p>			
<b>31-2</b>	<b>Document Control Cost</b>	<b>Information</b>		<input type="checkbox"/>
	<p>7/15 - Todd to track ARC document control costs. 4J will reimburse Todd for costs and would like access to the documents.</p> <p>7/22 - Andy to send a copy of the hyperlinked documents to Ryan today.</p> <p>7/29 - Andy to contact ARC and provide 4J with access to online documents.</p> <p>8/5 - Ongoing</p> <p>8/12 - ARC has teamed Todd up with a new rep and will be working on updating the drawings with RFI, CCD &amp; approved PR information this week.</p> <p>8/19 - Todd forwarded CCD #5 to ARC. Andy to check with ARC on ETA of updated electronic drawings &amp; specs.</p> <p>8/26 - ARC has all CCDs to date inserted into the electronic documents and will provide access to the Hyperlinked documents on Bluebeam Studio later today. Andy will add access for the team members as soon as it's available.</p> <p>9/2 - Todd has provided the team access to the ARC assembled construction documents. ARC hasn't completed all RFI updates, but thought they would be throught 400 by the end of the week.</p>			
<b>34-1</b>	<b>Window Testing</b>	<b>Information</b>		<input type="checkbox"/>
	<p>8/5 - Culver will have one storefront ready to test and scheduled for 8/10.</p> <p>8/12 - Due to vandalize the testing will be rescheduled.</p> <p>8/19 - Check with Culver on available windows to test.</p> <p>8/26 - Culver will have windows ready to water test on Sector C by the end of next week.</p> <p>9/2 - Culver updated the schedule for window testing to the week of 9/14.</p>			
<b>34-3</b>	<b>Long Lead Time Schedule</b>	<b>Bill Goggin</b>	<b>9/2/15</b>	<input type="checkbox"/>
	<p>8/5 - Todd to check all long lead time items against the project schedule to ensure no unforeseen delivery issues.</p> <p>8/12 - Ongoing</p> <p>8/19 - Todd is collecting confirmation of delivery from subs and suppliers. 4J asked that these long lead items be incorporated into the project schedule.</p> <p>9/2 - Ongoing</p>			
<b>34-4</b>	<b>Light Fixtures Unprotected</b>	<b>Information</b>		<input checked="" type="checkbox"/>
	<p>8/5 - Ryan observed unprotected light fixtures installed in Sector A. Todd to notify Scofield of the issue.</p> <p>8/12 - Joel was notified of the issue.</p> <p>8/26 - Rain is expected this weekend. Todd to verify that all installed fixtures are protected.</p> <p>9/2 - Scofield has covered all fixtures</p>			
<b>36-1</b>	<b>CMU Revision @ Jambs</b>	<b>Andy Turner</b>	<b>9/9/15</b>	<input type="checkbox"/>

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Item	Description	Responsible	Due Date	Closed
	8/19 - For discussion next week. 8/26 - Pivot has provided an alternate flashing detail where CMU veneer was not returned to the wall at the PP windows. Culver has provided a mockup with the flashing installed for the teams review after the meeting. Todd to submit a confirming RFI for the final decision on the finish. 9/2 - Todd to provide a mockup with stainless flashing at each side of the window with charcoal sanded caulking joint at the CMU veneer.			
<b>36-2</b>	<b>Play Structure Fascia &amp; Gutter</b>	<b>Bill Goggin</b>	<b>9/9/15</b>	<input type="checkbox"/>
	8/19 - Todd collecting pricing on the revised design of the fascia and gutter at the play structure. 8/26 - Ongoing. 9/2 - Todd received high pricing from American Ironworks and has contacted local fabricators for additional pricing.			
<b>37-1</b>	<b>3/4" Plywood @ MDF &amp; IDF</b>	<b>Information</b>		<input checked="" type="checkbox"/>
	8/26 - Todd was notified by Pivot on 8/24 that the MDF & IDF rooms were to receive 3/4" fire treated plywood full height of walls painted with no drywall behind the plywood.			
<b>37-2</b>	<b>Quarry Tile Base in Kitchen</b>	<b>Information</b>		<input type="checkbox"/>
	8/26 - There is no base shown on the kitchen area. Todd asked Adam to make sure this would not be a code issue as 6" base is typically required in food prep areas. 9/2 - Base tile is shown in the kitchen. Todd has requested samples from the supplier.			
<b>37-3</b>	<b>HVAC for Gym Wood Floor</b>	<b>Information</b>		<input type="checkbox"/>
	8/26 - David notified the team that the gym wood floor can not be installed until the HVAC system is running and maintain temperature. Todd will need the system operational by 11/13/15 to keep the current floor installation schedule. 9/2 - Ongoing			

Meeting adjourned at 10:30.

**Next meeting at 9:00:00AM on Wednesday, September 9, 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	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
<b>SITE</b>																				
Backfill and pave vault	Jackson		X																	
<b>MECHANICAL COURTYARD</b>																				
Deliver Xerxes tank	Jackson				D															
<b>COVERED PLAY STRUCTURE</b>																				
Roof deck pending RFI/COR	Todd																			
<b>A-EXTERIOR</b>																				
Wash veneer	Davidson's																			
Excavate canopy ftgs/chiller pad	Jackson																			
F&P canopy ftgs & chiller pad	Todd																			
West side roof insulation	Rock	X	X	X	X	X														
East side roof insulation	Rock					D				X	X	X	X							
<b>A-INTERIOR</b>																				
Electrical ceiling rough-in	Scofield	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Plumbing overhead	Hydrotemp	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Install operable wall track	Barclay																			
Frame exterior walls	Cascade									X	X	X	X			X	X	X	X	X
Frame kitchen walls	Cascade															X	X	X	X	X
<b>BS-EXTERIOR</b>																				
Glazing delivered	Culver																			
Roof metal	Rock	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Cover BS & BN with visqueen	Culver			X																
Pressure wash BS & BN	Davidson's				X	X														
<b>BS-1</b>																				
Tape & texture gyp board	Cascade	X	X	X	X	X				X	X	X	X			X	X	X	X	X

ACTIVITIES	SUB	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Paint	WPI																			X
<b>BS-2</b>																				
Tape & texture gyp board	Cascade	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Paint	WPI																			X
<b>BN-EXTERIOR</b>																				
WRB	Insulpro	X	X	X	X	X				X	X	X	X							
Glazing delivered	Culver																			
Window frames 2nd flr	Culver		X	X	X	X														
Light shelf brackets	Todd									X	X									
<b>BN-1</b>																				
HVAC duct	Hydrotemp	X	X	X																
Insulate plumbing & HVAC	Hydrotemp	X	X																	
Hang gyp board including mezz	Cascade				X	X				X	X									
<b>BN-2</b>																				
HVAC duct	Hydrotemp	X	X	X	X	X														
Electrical wall rough-in	Scofield																			
Fire sprinkler piping	BDH		X	X																
Insulate plumbing & HVAC	Hydrotemp																			
Insulate walls	Insulpro											X	X							
Hang skylight gyp board	Cascade	X	X	X	X															
Hang gyp board including mezz	Cascade															X	X	X	X	X
<b>B-MEDIA EXTERIOR</b>																				
Frame ext & parapet grid D-R	Cascade																			
Load & install south flat roof	Rock		X	X	X	X														
Install window frames	Culver																X	X	X	X
<b>BM-1 South</b>																				
HVAC layout track	Hydrotemp	X	X																	
Mech/plbng overhead	Hydrotemp	X	X	X																

ACTIVITIES	SUB	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Frame interior walls	Cascade				X	X				X										
<b>BM-2 South</b>																				
Interior top track	Cascade																			
HVAC layout track	Hydrotemp			X																
Mech/plbng overhead	Hydrotemp	X	X	X	X	X				X										
Frame interior walls	Cascade										X	X	X							
<b>BM-1 North</b>																				
Interior wall track	Cascade				X															
HVAC layout track	Hydrotemp																			
Mech/plbng overhead	Hydrotemp	X	X	X	X	X				X	X	X	X			X	X	X		
Frame interior walls	Cascade																X	X	X	X
<b>BM-2 North</b>																				
Interior wall track	Cascade																			
HVAC layout track	Hydrotemp					X														
Mech/plbng overhead	Hydrotemp																			
Frame interior walls	Cascade																			
<b>C-EXTERIOR</b>																				
CMU veneer	Davidson's	X	X	X	X	X														
Metal wall girt framing	Rock	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Wood siding	Todd	X	X	X	X	X				X	X	X	X			X	X	X	X	X
Sun shade brackets	Culver	X	X	X	X	X				X	X	X	X							
Install skylights Sector B & C	Lacey															X	X	X	X	X
<b>C1-INTERIOR</b>																				
Erect scaffolding stair closed	Cascade									X	X									
Plumbing seismic in corridor	Hydrotemp									X	X									
Paint	WPI	X	X	X	X	X														
Grind polished floors	Sustainable															X	X	X	X	X
Ceiling grid	Cascade															X	X	X	X	X



ACTIVITIES	SUB	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9	9/10	9/11	9/12	9/13	9/14	9/15	9/16	9/17	9/18
		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Hang light fixtures	Scofield															X	X	X	X	X
<b>C2-INTERIOR</b>					X	X				X	X	X	X							
Frame 2 hr wall	Cascade																			
Paint										X	X	X	X			X				
<b>4J School District</b>																				
First day for students 9-9-15	4J										X									
Drill irrigation well	4J			TBD																

Job No: 14-24

# Request for Information

Show: Unanswered RFIs

Howard Elementary School

Date: 9/1/2015

RFI #	SUB #	Date Issued	Title	Date Requested	Status	CO Req'd	Response Date	Posted in Asbuilts	Forwarded Date
438	115	08/26/15	Exhaust Fan Weight at Admin.	09/02/15	NEW				
442		08/27/15	HVAC Ducts and Casing Submittal	09/03/15	NEW				
446		09/01/15	Fastening Metal Furring to CMU	09/08/15	NEW				
447	118	09/01/15	Fire Rated Sleepers Under AHU's	09/04/15	NEW				

# Change Order Request Log

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

Date: 9/1/2015

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
2RRRR	PR 005	Structural Additions and Changes	12/04/14	\$25,347.00		05/08/15	6/15/15	4	\$25,347.00
3RR	PR 007	Electrical/Low Voltage Changes	12/09/14	\$18,431.00		05/19/15			
4RR	PR 008RR	Plumbing and Civil RFI Changes	12/15/14	\$47,384.00		03/06/15	3/16/15	1	\$47,384.00
5	PR 009	Gym Equipment Addition	12/16/14	\$0.00		02/06/15	5/26/15	3	\$0.00
6R	PR 011	Structural Revisions and Handrail Revision	01/02/15	\$3,008.00		05/20/15	6/25/15	4	\$3,008.00
7R	PR 012R	Control Central Stage Lighting	04/10/15	\$10,426.00		05/08/15	5/26/15	3	\$10,426.00
8RR	PR 010R	Specification Revisions	01/12/15	\$14,139.00		05/19/15	5/26/15	3	\$14,139.00
9R	RFI 48R	CMU Wall Conflict with Drinking Fountain in Room A120	01/13/15	\$753.00		03/06/15	3/11/15	1	\$753.00
10RR	PR 016R	Lighting Relay Revisions	04/10/15	\$14,417.00		07/08/15			
11RR	PR 013	HVAC Controls Related Revisions	03/04/15	\$4,545.00		05/08/15	6/25/15	4	\$4,545.00
12R	PR 003	Color Selections	01/20/15	\$108.00		05/30/15	7/24/15	5	\$108.00
13	PR 015	Runnel, Guardrail and Elevator Framing Revisions	01/23/15	\$11,642.00		06/04/15	7/24/15	5	\$11,642.00
14R	PR 018	Food Service Electrical Revisions	01/26/15	\$991.00		03/11/15	3/13/15	1	\$991.00
15RRRA	PR 017	Hollow Metal Door Revisions - Todd Construction Work	08/20/15	\$13,724.00		08/20/15	8/28/15	6	\$13,724.00
15RRRB	PR 017	Hollow Metal Door Revisions - Subcontractor Work	04/28/15	\$(10,044.00)		08/20/15	8/28/15	6	\$(10,044.00)
16	PR 014	Structural/Plumbing Modifications	01/28/15	\$(15,514.00)		03/11/15	6/25/15	4	\$(15,514.00)
17	RFI 110	Storm Drain Cleanouts Inside the Building	01/28/15	\$4,499.00		03/11/15	3/13/15	1	\$4,499.00
18	PR 021	AHU Equipment Schedule Revision	02/11/15	\$59,626.00		03/11/15	4/21/15	2	\$59,626.00
19	PR 020	PCC Pavement Reinforcement Revision	02/12/15	\$(2,399.00)		03/11/15	4/21/15	2	\$(2,399.00)
20	RFI 142	Sector A Footing Blocked Out	02/13/15	\$440.00		05/05/15	6/25/15	4	\$440.00
21	PR 006	Skylight Well Soffit Support and HSS Jamb Revision	02/16/15	\$7,860.00		05/05/15	5/26/15	3	\$7,860.00
22	PR 024	City Electrical Review Modifications	02/19/15	\$18,998.00		03/06/15	6/25/15	4	\$18,998.00
23R	PR 019	Art Tile Relocation and Wood Door Finish Revision	02/19/15	\$8,466.00		05/28/15	6/25/15	4	\$8,466.00
24	RFI 082	Rerouting Drain Lines	02/19/15	\$4,414.00		03/11/15	4/21/15	2	\$4,414.00
25	PR 022	Revised Kitchen Equipment	02/20/15	\$3,798.00		03/13/15	4/21/15	2	\$3,798.00
26	PR 023	AHU Locations and Duct Size/Routing Revision	02/26/15	\$102,750.00		07/07/15			
27	RFI 145	Kitchen Plumbing Revisions	03/03/15	\$8,504.00		06/10/15	7/24/15	5	\$8,504.00
28	RFI 168	Venting of FS-1s in Kitchen	03/03/15	\$0.00				VOID	\$0.00
29	RFI 171	Hydronic Sizing to AH-Admin	03/03/15	\$2,061.00		06/10/15	7/24/15	5	\$2,061.00
30	RFI 173	CMU Blockouts	03/04/15	\$1,919.00		07/08/15	7/24/15	5	\$1,919.00
31	RFI 106	Underground Piping at A112, B138 and B125C	03/06/15	\$3,003.00		03/06/15	3/13/15	1	\$3,003.00

# Change Order Request Log

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

Date: 9/1/2015

Number	Change Issue	Description	Date to Sub	Quoted	Time Requests	Date to Owner	Date Approved	CO #	Approved Amount
32	None	Overhead Door Slab Edge at Radiant Heat Slab	03/06/15	\$722.00		07/10/15	7/24/15	5	\$722.00
33	PR 025	Electrical/Low Voltage/Plumbing/Structural Revisions	03/17/15	\$139,483.00		06/16/15			
34	RFI 198	Automatic Entrances	03/18/15	\$(2,281.00)		07/08/15	7/24/15	5	\$(2,281.00)
35	RFI 223	Epoxy 5 S/HD155 Hold Downs at Grid F.2	03/19/15	\$505.00		07/08/15	7/24/15	5	\$505.00
36	None	Additional Polished Concrete Mock-Up	03/19/15	\$561.00		03/23/15	4/21/15	2	\$561.00
37	RFI 220/228	New FDC Location	03/24/15	\$11,347.00		07/08/15			
38	RFI 224	Delete Distributed Antenna System	03/31/15	\$(128,355.00)		05/04/15	5/26/15	3	\$(128,355.00)
39	RFI 234	Add Continuous Hinges at Doors B100A & A102A	04/02/15	\$235.00		07/08/15	7/24/15	5	\$235.00
40	RFI 243	Raked Mortar Joints on the Scored Block and Veneer	04/03/15	\$13,690.00		04/06/15	4/21/15	2	\$13,690.00
41	RFI 227	Venting for Plumbing in Rooms A109/A110 and 107	04/03/15	\$2,548.00		06/10/15	7/24/15	5	\$2,548.00
42	RFI 238	Community Room Ceiling and CMU Penetrations	04/03/15	\$2,622.00		07/09/15	7/24/15	5	\$2,622.00
43	RFI 247	Domestic Water Heater Sizing Revision	04/06/15	\$0.00				VOID	\$0.00
44	PR 002	Signage Changes and Equipment Labeling	04/13/15	\$617.00		04/13/15	4/21/15	2	\$617.00
45	RFI 245	Trap Primers for Mezzanine Floor Sinks	04/14/15	\$14,770.00		07/08/15			
46	RFI 246	Waste Piping in IDF Room C101	04/14/15	\$568.00		06/10/15	7/24/15	5	\$568.00
47	RFI 252	Deck Slab Reinforcement	04/17/15	\$2,410.00		07/08/15	7/24/15	5	\$2,410.00
48	PR 026	4j Requested Changes and Mechanical Revisions	04/20/15	\$2,874.00		07/14/15	8/28/15	6	\$2,874.00
49	RFI 266	Re-Route Piping at 2nd Floor B Classroom Sink Due to Conflict With Beam	04/28/15	\$3,774.00		07/09/15			
50	RFI 269	Provide and Relocate Shut Off Valves	04/28/15	\$0.00				VOID	\$0.00
51	None	Support Under Chiller	04/28/15						
52R	None	Re-Detailing Due to SLRS Changes	04/29/15	\$0.00		07/31/15		VOID	\$0.00
53	RFI 216	Louver and Kitchen Canopy Embeds	04/29/15						
54	RFI 288	Domestic Water Sizing Mismatch	05/04/15	\$0.00				VOID	\$0.00
55	RFI 296	Exterior Storm Line Sizing	05/07/15	\$1,550.00		07/09/15			
56	RFI 297	Venting of Mezzanine Floor Sinks	05/07/15	\$7,681.00		07/09/15			
57	PR 027	Plumbing Isolation Valves	05/08/15	\$12,243.00		07/08/15			
58	PR 029	Mobile Casework Units Revision	05/12/15	\$12,155.00		07/07/15			
59	None	Add Transition Strip at Bridge	05/12/15	\$1,072.00		05/12/15	5/26/15	3	\$1,072.00
60	RFI 274	Access Plan During Demolition	05/14/15						
61	None	Added Plate at Roof Deck	05/20/15	\$931.00		05/20/15	6/25/15	4	\$931.00
62	PR 028	Low Voltage/Electrical/Mechanical Revisions	05/26/15						
63	RFI 331	6" Jamb CMU Confirmation	05/26/15						

# Change Order Request Log

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

Date: 9/1/2015

Number	Change Issue	Description	Date to Sub	Quoted	Time Requests	Date to Owner	Date Approved	CO #	Approved Amount
64	RFI 15/258/301	Electrical Revisions	05/30/15	\$5,909.00		05/30/15	7/24/15	5	\$5,909.00
65	RFI 291	Light Shelf Design	06/02/15	\$11,755.00		06/18/15	7/24/15	5	\$11,755.00
66	None	Infield Material Placement	06/04/15	\$0.00		06/04/15		VOID	\$0.00
67	RFI 346	Generator Breaker Revisions	06/10/15						
68	RFI 184	Added Duct at Louver	06/10/15	\$912.00		06/10/15	7/24/15	5	\$912.00
69	RFI 207	Added Earthquake Valve	06/10/15	\$1,038.00		06/12/15	7/24/15	5	\$1,038.00
70	RFI 341	Freeze Protection of Piping Serving WSCB-1 and HB in Courtyard	06/12/15	\$3,063.00		06/30/15	7/24/15	5	\$3,063.00
71	RFI 350	Delete Concrete Staining	06/16/15						
72R	RFI 352	Receptacle Changes at Classroom Entry Walls	06/18/15	\$1,565.00		08/19/15	8/28/15	6	\$1,565.00
73	RFI 356	Rain Drain and Plumbing Conflict with Beam at E 5 11	06/18/15						
74	PR 001	Fire Rated Assembly	06/19/15						
75	PR 030	4j Requested Changes	06/22/15						
76	RFI 319	Add Data Wiring	06/22/15	\$3,472.00		06/22/15	8/28/15	6	\$3,472.00
77	RFI 329	CMU Veneer and Insulation	06/23/15	\$4,047.00		06/23/15	6/25/15	4	\$4,047.00
78	RFI 203	Beam and Swage Fork Revisions	06/25/15	\$1,366.00		06/25/15	7/24/15	5	\$1,366.00
79	None	Hydronic Valves for Classroom Pods	06/25/15	\$2,635.00		06/25/15	7/24/15	5	\$2,635.00
80	RFI 353	Cedar Siding Edge Condition	06/30/15						
81	RFI 312	Add Reveal Trim at Door B117	06/30/15	\$416.00		06/30/15	7/24/15	5	\$416.00
82	RFI 332	First Floor Attached Sill Framing	06/30/15						
83	RFI 345	Decentralized Unitary HVAC Equipment Clarifications	06/30/15						
84	RFI 348	MEP Pathway Issues at Media Bridge	07/01/15						
85	RFI 365	Beam Missing to Support Decking and Connect Guardrail	07/01/15						
86	RFI 354	Venting for B104, B112 and B106	07/06/15						
87	None	Standing Seam Wall Panel Support	07/06/15	\$5,689.00		07/06/15			
88	RFI 366	Sheet Metal Flashing Closure	07/06/15						
89	RFI 340	Re-Route Wall Conduits	07/07/15	\$3,725.00		07/07/15			
90	RFI 264	M113 Clarification of DTSR Line Size	07/09/15	\$990.00		07/09/15	8/28/15	6	\$990.00
91	RFI 295R	RHW Balance Valve Location Clarification	07/09/15	\$6,861.00		07/09/15			
92	RFI 330	Skylight Well Clearance Issues	07/10/15						
93	None	Remove Cap and Fill Existing Septic Tank	07/10/15						
94	RFI 379	Network Connection to PV System	07/10/15						

# Change Order Request Log

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

Date: 9/1/2015

Number	Change Issue	Description	Date to Sub	Quoted	Time Requests	Date to Owner	Date Approved	CO #	Approved Amount
95	RFI 322	Gutter Size Conflict with Rain Drain	07/20/15	\$2,346.00		07/20/15			
96	RFI 386	Interior Jamb Stud Reinforcing	07/20/15	\$1,538.00		07/20/15	7/24/15	5	\$1,538.00
97	Other 283001-01	Smoke Detectors	07/21/15						
98	PR 031	Landscape, Low Voltage, Mechanical & Lighting Revision	07/24/15						
99	RFI 358	Duct Coil Schedule Revisions	07/23/15	\$0.00		08/07/15		VOID	\$0.00
100	RFI 299	Main Entry Downspouts	07/23/15						
101R	None	TORMAX Door Credit Revision	07/31/15	\$(2,226.00)		08/24/15	8/28/15	6	\$(2,226.00)
102	RFI 380	Horizontal Support Angles	08/04/15						
103	RFI 389	B-Media Second Floor Stair Landings	08/04/15						
104	RFI 254	Fiber Optic Cable Pathway	08/04/15	\$9,971.00		08/04/15	8/28/15	6	\$9,971.00
105	RFI 409	TT Window Interference	08/07/15						
106	RFI 400	NPW and HWR	08/07/15						
107	RFI 414	SB-2 Clarifications	08/11/15						
108	RFI 417	Duct Routing/Size and Radiant Piping Changes	08/11/15						
109	PR 032	PV Net Metering	08/11/15						
110	Other 262900-01.1	Motor Controllers Disconnect Credit	08/17/15						
111	RFI 397	Roof Deck Extension	08/20/15						
112	None	CMU Revision at Jambs	08/20/15	\$12,415.00		08/20/15			
113	RFI 419	Fascia and Gutter at Play Structure	08/21/15						
114A	None	Plan Scale Issues on T101 - With Time Extension	08/24/15	\$7,288.00	3 days	08/24/15			
114B	None	Plan Scale Issues on T101 - Without Time Extension	08/24/15	\$7,657.00		08/24/15			
115	RFI 437	Guard Rail Elevation at Stair Landings	08/26/15						
116	RFI 424	B Media South Window Head Elevation	08/27/15						
117	RFI 378	Device Clarification at 60 x 108 Plenum	08/27/15						
118	RFI 444	Plywood for MDF and IDF Rooms	09/01/15						

<b>Approved Time Extensions:</b>	0	<b>Original Contract Amount:</b>	\$21,663,000.00
<b>Start Date:</b>	11/12/14	<b>Approved Contract Changes:</b>	\$172,868.00
<b>Revised End Date:</b>	02/01/16	<b>Revised Contract Amount:</b>	\$21,835,868.00

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

**Submittals Awaiting Review  
 by Package**

**Date: 9/1/2015**

Spec	Submittal	Rev	Title	Subcontractor	Due Date	Sub to Todd	Todd to Arch	From Arch	Todd to Sub	Status
<b>062000</b>	<b>FINISH CARPENTRY</b>									
	062000-03.02	0	Samples: Wood panels, salvaged wood <i>RFI 418. No new Douglas Fir will be needed per MC</i>	MC Interiors LLC	08/18/15	08/21/15	08/26/15			
<b>122400</b>	<b>WINDOW SHADES</b>									
	122400-02.02	0	Shop Drawings <i>Send to Scofield when received (8/4)/reviewed</i>	Roll-A-Shade	06/16/15	07/29/15	08/03/15			
<b>220548</b>	<b>VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT</b>									
	220548-01	0	Shop Drawings <i>Note from HT that these submittals will follow at a later date</i>	Hydro-Temp Mechanical Inc	12/19/14	08/25/15	08/26/15			
	220548-02	0	Product Data and Calculations for Isolators <i>Note from HT that these submittals will follow at a later date</i>	Hydro-Temp Mechanical Inc	12/19/14	08/25/15	08/26/15			
<b>220553</b>	<b>IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT</b>									
	220553-01.01	0	Valve Tag Directory	Hydro-Temp Mechanical Inc	07/28/15	08/25/15	08/26/15			
	220553-02.01	0	Equipment Nameplate Directory	Hydro-Temp Mechanical Inc	07/28/15	08/25/15	08/26/15			
<b>230548</b>	<b>VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT</b>									
	230548-01	0	Shop Drawings <i>Note from HT that these submittals will follow at a later date</i>	Hydro-Temp Mechanical Inc	12/19/14	08/25/15	08/26/15			
	230548-02	0	Product Data and Calculation Sheets for Isolators/Structural Details and Calculations <i>Note from HT that these submittals will follow at a later date</i>	Hydro-Temp Mechanical Inc	12/19/14	08/25/15	08/26/15			
<b>230553</b>	<b>IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT</b>									
	230553-01.01	0	Valve Tag Directory	Hydro-Temp Mechanical Inc	07/28/15	08/25/15	08/26/15			
<b>234000</b>	<b>HVAC AIR CLEANING DEVICES</b>									
	234000-01.01	0	Product Data: Filter types <i>Submittal required per RFI 392</i>	Hydro-Temp Mechanical Inc	01/22/15	08/25/15	08/26/15			
<b>274119</b>	<b>INTEGRATED AUDIO-VISUAL SYSTEMS AND EQUIPMENT</b>									
	274119-02	0	Shop Drawings <i>Needs to include 275113</i>	Scofield Electric Co	12/19/14	08/24/15	08/24/15			
<b>275113</b>	<b>PAGING SYSTEMS</b>									
	275113-02	0	Shop Drawings/Wiring Diagrams <i>Needs to be submitted along with 274119-02</i>	Scofield Electric Co	12/19/14	08/24/15	08/24/15			