



Job: 14-24 Howard Elementary School Meeting: Owner/Architect/GC # 51

Location: 700 Howard Ave Date: 12/2/15
Eugene, OR 97404 Start Time: 9:00:00AM

**Attendees Attended** ✓ David Haggard (Todd Construction, Inc.) ✓ Adam Davidson (PIVOT Architecture) John Stapleton (PIVOT Architecture) Ben Brantley (Eugene School District 4j) ✓ ✓ Harv Wingerd (Todd Construction, Inc.) Andy Turner (Todd Construction, Inc.) ✓ Ryan Spain (Eugene School District 4j) Allan Chinn (Eugene School District 4j) Bill Goggin (Todd Construction, Inc.) Scott Clarke (PIVOT Architecture) ✓ Dexter Rummel (Eugene School District 4j) Monte Carothers (Todd Construction, Inc.) П Russ Kaufman (Todd Construction, Inc.) Item Description Responsible **Due Date Closed Old Business** Information 0-1 **Schedule** 12/02 - Monte & David reviewed the 3- week schedule (see attached). The SOV for the November pay application was sent to the team yesterday for review. Russ has provided a revised project schedule (via Email) over the weekend. The revised schedule incorperates the delays in the Sector B Administration Area due to the shear wall redesign. Information 0-2 Safety/Security 12/02 - Emerald Park personell contacted David regarding vehicals parked too close to the rec building parking lot entrance causing vision issues for cars pulling out of the lot. Site tours were discussed and will be postponed until mid January. The site conditions will be reviewed again before tours resume. 0-3 **RFIs** Information 12/02 - Reviewed Unanswered RFI Log dated 12/02/15 (attached) 463R - Confirming RFI - AMX Clarifications in Classrooms - Revised design In review 472R - Projector to Screen Connection with Huser Equipment List - Owner & Design Team review 0-4 **CORs** 12/02 - Reviewed COR Log dated 12/01/15 (attached) 4J is finalizing their review pending COR review this week to be added to the November pay request. COR 083 - Hydro-Temp has provided some additional information on the BACnet credit. Andy will forward to Adam to review with PAE. 0-5 **Submittals** Information П 12/02 - Reviewed submittal awaiting review log dated 12/01/15 (attached) Adam to send Andy the Steel Joist Delegated Design requested information. Information **Hot Items** 0-6 12/02 -Long Lead Item Schedule Louvers - Tentative ship date is 12/18 Rock Roofing - Todd has supplemented Rock crew to a total of 11 working on Metal. Todd to assist

Job: 14-24 Howard Elementary School Meeting: Owner/Architect/GC # 51

Item	Description Responsible		Due Date	Closed
	with metal siding. Sector A Heating Startup - Heat is expected today.			
5-3	Pivot PCO Report Information			
	See previous meeting minutes for past PCO Report information.  10/7 - P109 Exterior Personnel Gates Panel Revision - Gates with children curperforated gate with painted graphics.  10/14 - P099 - RFI 409 TT window change - Pivot expected a credit, Todd to contain the context of the context o	check with Culver. RFI add to request the adiant Piping Changes ag is still needed. om sign revision.  The at the Rainwater 100. Russ needs to get d go down if the line used. We will include the existing Howard		
14-1	Landscape Well Ryan Spain			
	See previous minutes for additional discussion.  10/28 - 4J met with a well drilling firm last week. It could take 8 weeks to get t water rights. On-going.  11/4 - No new information.	hrough the issue of		
14-2	Non Compliance Issues Information			
	10/28 - No log for review. A PAE electrical site review has an item that will be noted that the PAE report has already been forwarded to Scofield.  11/4 - No log for review. Adam will send out an updated log to all showing the 11/11 - Adam distributed the NCI report. NC issues 18 & 25 have 6 items that documentation provided by Cascade. Travis with Cascade has been informed items and is gathering documentation for NC items 47 & 52 as well.  11/18 - FEI has been providing inspections for SVR 8 & 9. Adam to check wit Travis with Cascade is still working on cleaning up the few issues with NC 18, requested that Cascade have the documentation to Todd by the end of this well-1/25 - Cascade provided the requested documentation for NC 18, 25 and 47 52.  12/02 - FEI will be inspecting the shear walls today and either tomorrow or Friethrough the Cascade provided documentation. Hydro-Temp is working on the the mechanical mezzanines.	e deletion of one item. It need to have It of the remaining In FEI on reports. It is and 47, 52. Todd eek. It is still working on day. Andy is working		
28-1	Commissioning Issues Information			
	See previous minutes for previous Commissioning Issues.  10/7 - Request a schedule from Hydro-Temp to set up the commissioning insp 10/21 - Todd held a HVAC Coordination meeting on Tuesday 10/20 with Hydro Clima-Tech. 4J will contact the commissioning agent for a site visit. Pivot & 4 notification prior to HVAC component start up, PAE and commissioning agent present.  10/28 - There was a site visit by the CxA yesterday. Ryan will forward a repor 11/4 - CxA Report was distributed last week from their Oct 28 site visit.  11/11 - Cleaning of the AHUs was noted on the CxA Report and needs to be o starting up the units. AHU startup for Sector A and C is scheduled for 11/16 -	o-Temp, Scofield & IJ would like will need to be t when received.		

Job: 14-24 Howard Elementary School Meeting: Owner/Architect/GC # 51

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	start up 11/18. Todd to request a firm schedule from Hydro-Temp and notify all parties involved.  11/18 - Ryan asked that the Commissioning Report be added to the minutes for tracking (Report attached).  11/25 - See attached report generated by North West Engineering Service to track commissioning issues.  12/02 - No new issues this week. Hydro-Temp is adjusting the 2 issues noted as tracked	
	commissioning issues.	
44-4	Class Room Projector Mockup Ryan Spain	
	10/14 - Ryan suggested Todd mockup one classroom projector to verify the white board installation is correct due to the flatness requirements of the projection system. Todd to verify white board delivery and set up a mockup.  10/21 - Ryan forwarded the product data on the classroom projectors for Todd's use.  10/28 - We will receive the markerboards on Nov 19. The mock-up will be done after that.  11/4 - No change.  11/11 - Todd requested one projector from 4J, if available, for mock up purposes.  11/18 - Todd requested the projector for the mockup by Monday 11/30 and will set it up for temp power/data connection to test.  11/25 - Ryan asked that the mock up be postponed until after the 4J technology meeting on 12/2.  12/02 - On going. Ryan noted a potential change to the owner furnished projectors and will know more after the 4J technology meeting today.	
46-1	AES Documentation David Haggard	
	10/28 - Todd provided copies of the time and material sheets from all AES work to date on the PV System. We will continue to provide weekly.  11/4 - No additional AES information this week.  11/11 - Additional time sheets are being collected by David and are available in his office.  11/18 - David provided Ryan with the latest time sheets from AES.  11/25 - Not discussed.  12/02 - David provided Ryan with AES time sheets.	
46-2	Directional Letters in West Courtyard Russ Kaufman	
	10/28 - We reviewed samples of foam directional lettering blockouts for the west courtyard. Todd is concerned that we will not be able to provide a good finished product by pouring concrete around these blockouts. Want to review the possibility of changing to a cast metal embed for the concrete. Adam took a photo of the samples and will review with the landscape architect.  11/4 - Adam requested that we provide samples of metal letters that we could embed in the concrete. Russ will try to have something by next meeting.	
47-1	Demolition and Summer Schedule Information	
	11/4 - Ryan requested information on the schedule and approach for building demolition this summer. They need to use this in developing the scope for the abatement proposals. We also need to provide a schedule showing how the summer work will be executed in time. Russ will work on this.  11/11 - Monte reviewed a plan to complete a portion of the Howard Ave improvements this winter. Monte has a call into Brad Lemhouse with Lane County to review the road improvement schedule. Russ is working on the schedule items requested.  11/18 - Russ and Monte met with the county this week to discuss option for the Howard Ave improvements. The County reported some additional requirements they will require which include 2" AC grind and fill. Adam to check on this added scope. The proposed early work was reviewed with Allan, which included the potential loss of 20 parking spots. Adam proposed creating a temporary parking area in front of Kelly Middle School to off set the lost parking due to the street improvements. Russ included the summer work on the revised project schedule and voiced concerns with completing the parking lot by the final completion date.  11/25 - Adam reported that he had reviewed the Howard Ave improvements with the County and the original approved design is acceptable. Adam to supply Todd with the County email response. The	

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	the street improvements and though it v 12/02 - Adam sent Andy a City of Euger be submitted by the contractor. The pe tenenants before the permit will be issue submit the applicatication.	parking spaces as per the Todd proposed winter schedule for would be a safety issue for parents dropping students off. ne Demo Permit Application last week, which is required to rmit requires written notification be given to all ajacent ed. Andy will put together the required notification and		
		improvements would be completed between the end of the demolition. Todd will utilize the building abatement timeline.		
47-2	Substantial Completion	Russ Kaufman	12/3/15	
	2016. For the building, the district need which will be moving in furniture and eq and the extent that we need to have that preliminary site plan for Phase I showing completed at that time. We all agreed to putting dirt into planter beds. We need understanding of when the landscaping summarizes Todd's understanding of what 11/11 - Russ reviewed a preliminary Fereview.	e expectations are for status of the project on February 1, is to have access to the entire building for the intended use, uipment. Todd is discussing TCO with the City of Eugene, at for moving in furniture and equipment. Todd reviewed a g the amount of site scope that we believe we can have hat we do not expect landscaping to be done any further than to review the specified guidelines for planting to get a better work should occur. Russ will prepare a document that here we will be on Feb 1 for review by the team.		
	11/25 - Harv reiterated his opinion from be extended for unforeseen issue and for 2/1/2016 substantial completion date.	eviewed and provided to the team for review.  last weeks meeting that the revised schedule may need to elt that Todd would need 30 days added to the original d schedule extension was discussed internally at 4J and will		
	be approved pending a letter document	ing the reasons for the time extension. This extension will stion date and will not affect the final completion date.		
47-6	OFCI Projectors	Ryan Spain	1/1/16	
	Russ will look into this. 11/11 - Ongoing	anting to know what the credit would be to make these OFOI.  Scofield. Ryan to provide one projector for a mockup by		
	<ul><li>11/30.</li><li>11/25 - A projector installation credit prowil have the projectors on site the begin 12/02 - Ongoing pending 4J Tech meeti</li></ul>			
47-7	Type K Sign in Reception	Russ Kaufman		
	noted that there is a lock-down button o that we can determine if there is a confl 11/11 - Ongoing	•		
	with the sign.  12/02 - Team to review after the meeting	wn button location to Adam for review of any potential conflict g today.		
50-1	OFCI Accessories	Ryan Spain	1/1/16	
	thought the L10B fixtures would be onsi	es will be needed on site the first week of January. Ryan te next week.  The area available and can be delivered to the site when needed.		
50-2	AMX - Modified Line Drawing	Adam Davidson	12/2/15	V
	11/25 - Adam has a modified line diagra	am for the classrooms that he will email to Andy to create a twork has been informed of the revision.		

Job: 14-24 Howard Elementary School

Meeting: Owner/Architect/GC # 51

Item	Description	Responsible	Due Date	Closed
	12/02 - RFI has been submitted.			
50-3	AMX @ Cafe/Gym	Ryan Spain	12/2/15	V
	11/25 - The AMX revisions that Huser proposed be finalized. This is connected to RFI 472 - Proequipment list Huser has proposed to make the \$12/02 - RFI has been submitted.			
50-4	OFCI Tile	Information		
	<ul><li>11/25 - Ryan requested that the Bovero Tile revienceded.</li><li>12/02 - David will review the OF tile with Bovero</li></ul>	ew the owner furnished tile at Old Howard School, if after the meeting today.		
50-5	Mechanical Room Clearance	Information		
30-3	11/25 - Ryan reported that Gary Heldt - 4J Facilit the 2 Sector B mechanical rooms. The contract	ies Management has issues with the clearances in documents call for 6' 8" head clearance and 3' 0" to the required clearances but both B mechanical		
	12/02 Trydro Tomp to making the adjustments in	coucu.		
50-6	Sun Shades @ C North Elev.	Information		<b>~</b>
	11/25 - Sun Shades were called out in the sheet Sector C. This was a mistake in the documents Adam - Culver is to remove the shades at T & M 12/02 - Culver to start removing today.	and Culver has already installed the shades. Per		
New E	usiness			
51-1	Ornamental Fence Post Base	Adam Davidson	12/4/15	
	12/02 - Todd asked Adam if the post base design ornamental fence post locations. Adam to review			
51-2	Wall Panel Installation	Monte Carothers	12/9/15	
	12/02 - Ryan mentioned some of the wall panel/s buckling.	soffit installation needs to be adjusted due to		
51-3	AHU Interferance @ Davit Crane	Information		
	12/02 - The roof access for the davit crane is cur after the meeting to see what adjustments can be	rently directly over a AHU. The team to review this e made.		
Meeting a	adjourned at 10:30.			

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.)

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

#### **3 WEEK SCHEDULE**

#### **Howard Elementary School**

#### HOW 14-24



		11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18
ACTIVITIES	SUB	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
<b>Substantial Completion 1-31-16</b>	All																			
SITE																				
EAST COURTYARD																				
Grade for walks	Jackson																			
Form walks	Dual Force	Χ	Χ	Х	Χ	Χ														
Deliver steel fence 11-30	Advanced			D																
WEST COURTYARD																				
Grade for walks	Jackson								Χ	Χ	Х	Χ	Χ							
MECHANICAL COURTYARD																				
Backfill Xerxes tank	Jackson			Χ																
Exavate CMU footing	Jackson				Χ															
F&P CMU footing	Todd					Χ			Χ	Χ	Χ									
СМИ	Davidsons											Χ	Χ			Χ	Χ	Χ	Χ	Χ
EXTERIOR																				
Skylight glazing w/ crane	Lacey		Χ	Χ	Χ	Χ														
Metal panels & soffit	Rock	Χ	Χ	Χ	Χ	Χ			Χ	Χ	Χ	Χ	Χ			Χ	Χ	Χ	Χ	Χ
Second flr access closed 12-15	Todd																		Χ	
Mechanical/Boiler Rms																	Χ			
Gym/Cafe heat on	Hydrotemp	Χ	Χ	Χ																
GYM/RR/STORAGE																				
Delvr/install wood flooring	Soriano				D	Χ			Χ	Χ	Χ	Χ	Χ			Χ	Χ	Χ	Χ	Χ
Basketball backboard supports	NWSE	Χ	Χ	Χ	Χ	Χ														
Acoustical wal panels	Snaptex		Χ	Χ	Χ	Χ														
MUSIC ROOM																				
KITCHEN																				

		11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18
ACTIVITIES	SUB	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Install freezer/cooler	S&G	Χ																		
Mechanical OH rgh-in	Hydrotemp	Χ	Χ	Χ	Χ	Χ														
Ceiling grid	Cascade								Χ	Χ										
Clng grid M&E	All										Х	Χ	Χ							
Kitchen equipment	S&G															Х	Χ	Χ	Χ	Χ
CAFETERIA																				
BS																				
Stair well tape & paint	All	Χ	Χ	Χ	Χ	Χ			Χ	Χ	Р									
Casework	Freemont	Χ	Χ	Χ	Χ	Χ			Χ	Χ	Х	Χ	Χ							
Frameless glazing both firs	Culver		D	Χ	Χ	D			Χ	Χ	Х	Χ	Χ							
Plam wainscot	MC Interiors				Χ	Χ			Χ	Χ	Х	Χ	Χ							
BN																				
Stair well tape & paint	All	Χ	Χ	Χ	Χ	Χ			Χ	Χ	Р									
Casework	Freemont															Х	Χ	Χ	Χ	Χ
BM-South																				
Tile 1st flr	Bovero	Χ																		
Grind & polish 1st flr	Sustainable		Χ	Χ	Χ	Χ														
Tile 2nd flr	Bovero		Χ	Χ	Χ	Χ														
Grind & polish 2nd flr	Sustainable								Χ	Χ	Х	Χ								
BM- North Admin. Media																				
Shear wall penetrations	Cascade	Χ	Χ	Χ	Χ															
Tape/txtr Media	Cascade	Χ	Χ	Χ	Χ	Χ														
Electrical clng rgh-in	Scofield	Χ	Χ	Χ	Χ	Χ														
Paint Media ceiling	WPI								Р	Р										
Hang gyp board Admin	Cascade	Χ	Χ	Χ	Χ	Χ														
Tape/txtr Admin	Cascade								Х	Χ	Х	Х	Х			Х	Х	Χ		
Paint Admin	WPI																		Р	Р
C1 & C2-INTERIOR																				

		11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18
ACTIVITIES	SUB	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
MEP ceiling drops	All	Χ	Х	Χ	Χ	Χ			Χ	Χ	Χ	Χ	Χ							
P-lam wainscot	MC Interiors	Х	Χ	Χ	Χ	Χ			Χ	Χ	Х	Χ	Χ							

Job No: 14-24

## Request for Information

Show: Unanswered RFIs Date: 12/1/2015

**Howard Elementary School** Response Date Posted in Forwarded Asbuilts Date Date Date RFI# Issued Title Requested Status CO Req'd 463R 11/30/15 Confirming RFI - AMX Clarifications in Classrooms 12/07/15 NEW 11/25/15 Projector to Screen Connection with Huser Equipment List 472R 12/01/15 NEW

# Change Order Request Log

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

umber		Description		Quoted	Time Requests	Date to Owner		Approved Amount
5.01	PR 023	AHU Locations and Duct Size/Routing Revision - Mechanical, Ceiling & Field Structural Changes	02/26/15	\$65,542.00	22 days	11/18/15		
BRRA	PR 025	Electrical/Low Voltage/Plumbing/Structural Revisions - With Time Extension	03/17/15	\$133,967.00	20 days	09/15/15		
RRB	PR 025	Electrical/Low Voltage/Plumbing/Structural Revisions - Without Time Extension	09/04/15	\$152,473.00		09/15/15		
7	RFI 220/228	New FDC Location	03/24/15	\$12,544.00		11/20/15		
3	RFI 296	Exterior Storm Line Sizing	05/07/15	\$1,550.00		09/10/15		
	PR 027	Plumbing Isolation Valves	05/08/15	\$12,243.00		07/08/15		
01	PR 028	Low Voltage/Electrical Revisions	05/26/15	\$28,574.00		09/21/15		
02	PR 028	Mechanical Revisions	05/26/15	\$2,194.00		10/20/15		
	RFI 346	Generator Breaker Revisions	06/10/15	\$7,675.00		10/14/15		
	RFI 350	Delete Concrete Staining	06/16/15	\$(1,244.00)		09/21/15		
02	PR 001	Fire Rated Assembly - Electrical	10/20/15	\$6,066.00		11/23/15		
03	PR 001	Fire Rated Assembly - Mechanical	10/23/15	\$12,109.00	4 days	11/09/15		
03	PR 030	4j Requested Changes - Mechanical	10/20/15	\$7,374.00	4 days	10/20/15		
04	PR 030	4j Requested Changes - Hardware	10/20/15	\$2,071.00		10/20/15		
05	PR 030	4j Requested Changes - Relight and Entry Door	10/20/15	\$684.00		11/23/15		
	RFI 348	MEP Pathway Issues at Media Bridge	07/01/15	\$6,569.00	2 days	10/20/15		
	RFI 354	Venting for B104, B112 and B106	07/06/15	\$1,928.00	1 day	10/20/15		
₹	None	Standing Seam Wall Panel Support	07/06/15	\$4,205.00	2 days	10/22/15		
	RFI 366	Stainless Flashing at Loose Lintels	07/06/15	\$3,311.00		10/20/15		
	None	Remove Cap and Fill Existing Septic Tank	07/10/15	\$3,366.00		11/17/15		
	283001-01	Smoke Detectors	07/21/15	\$21,277.00		10/14/15		
02	PR 031	Mechanical Revisions	07/24/15	\$5,308.00	1 day	11/10/15		
03	PR 031	Irrigation Revisions	11/10/15	\$6,435.00		11/12/15		
i	RFI 409	TT Window Interference	08/07/15	\$(983.00)		11/23/15		
7	RFI 414	SB-2 Clarifications	08/11/15	\$1,095.00	1 day	11/10/15		
	RFI 417	Duct Routing/Size and Radiant Piping Changes	08/11/15	\$1,231.00	1 day	10/20/15		
В	PR 032	PV Net Metering - Without Time Extension	08/11/15	\$20,261.00		09/17/15	9/29/15	\$20,261.00
<u> </u>	None	CMU Revision at Jambs	08/20/15	\$12,415.00		08/20/15		

## Change Order Request Log

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

Number		Description		Quoted	Time Requests	Date to Owner	Approved Amount
119	None	Added Light Shelf Frame Type EE	09/11/15	\$6,597.00	2 days	11/10/15	
122	RFI 453	Plumbing Seismic Flexes Per Submittal Review 220518-02	09/22/15	\$6,861.00	2 days	10/21/15	
147	None	Rake Joints Credit	11/09/15	\$(3,874.00)		11/09/15	
148	None	Materials Portion of COR 41	11/09/15	\$404.00		11/09/15	
151	RFI 506	Add 5 Stud Posts to GL 6.1 Shearwall	11/10/15	\$1,598.00	5 days	11/10/15	
153	RFI 520	Ceiling Height in A101 Lobby	11/10/15	\$1,133.00	TBD	11/10/15	
158A	RFI 526	Gas Solenoid Valves Circuit - With Time Extension	11/13/15	\$1,385.00	2 days	11/16/15	
158B	RFI 526	Gas Solenoid Valves Circuit - Without Time Extension	11/13/15	\$1,762.00		11/16/15	
162	RFI 530	Added Painting at CMU Walls	11/20/15	\$423.00		11/24/15	
165	RFI 533	Sensory Room B115 Lighting Change	11/25/15	\$797.00	1 day	11/25/15	

Approved Time Extensions:

Start Date:

0

**Original Contract Amount: Approved Contract Changes:** 11/12/14

\$21,663,000.00 \$363,173.00

Date: 12/1/2015

Revised End Date: 02/01/16

**Revised Contract Amount:** 

\$22,026,173.00

# Submittals Awaiting Review by Package

Job No: 14-24 Howard Elementary School

Spec	Submittal	Rev	Title	Subcontractor	Due Date	Sub to Todd	Todd to Arch	From Arch	Todd to Sub	Status	
052100	STEEL JOIST FRAMIN	IG									
	052100-04	0	Delegated-Design Submittal	Advanced Welding & Steel, Inc.	12/19/14	09/23/15	09/29/15				
	Numbered to match Nev	vforma									

Page 1 of 1

Date: 12/1/2015