

Trumbull High School Building Committee (“THSBC”)  
Wednesday, March 5, 2014  
Trumbull High School, Senior Lounge

Call to Order: The Chairman, James Nugent, called the THSBC Meeting (“Meeting”) to order at 7:06 PM.

Members Present: Chairman James Nugent; Vice Chairman Arthur Lemay; Douglas Doyle; Rob McCabe; David Preusch; Lucinda Timpanelli

Also Present: Al Barbarotta of AFB Construction; John Barbarotta of AFB Construction; Attorney Jeff Donofrio; Brian Holmes of O&G; Tom Walsh of O&G

## Meeting Minutes

### Approval of Meeting Minutes:

McCabe’s motion for approval of THSBC January 15, 2014 meeting minutes was seconded by Lemay, and approved by Vote 3-0-3 (Abstention: Doyle, McCabe, and Timpanelli)

### Joint Update by AFB and O&G:

Al Barbarotta explained there was a meeting via conference call with AFB, JCJ, and O&G that resulted in a Combined Outstanding Item List dated March 5, 2014. The Item List consolidates AFB, JCJ, and O&G’s remaining open items only. The intent is to focus on closing out the renovation project by working on the List. A final commissioning report is anticipated soon, and then a change order can be obtained. (Handout #1 Combined Outstanding Item List submitted with meeting minutes.)

Holmes commented on the following Open Items on page 1 of Handout #1:

No. 4: Boiler issues to be addressed, but boiler is out of warranty.

No. 10: Special Education area has ventilation issues.

Al Barbarotta added that work began March 4, 2014, with a plan is to finish airflow balance and commissioning. The ventilation will then be assessed to determine whether working properly, and address accountability if needed.

Timpanelli commented that if the ventilation problem is due to a design issue, then there should be no additional charges since the original design needed 6 rooms but only 5 rooms were in the design, which mistakenly excluded Science.

John Barbarotta commented on how redesigning the media center and switching the Special Education area from the East side to the West side adds to the ventilation issue because the West side is now a larger space than anticipated and at the end of the ventilation line.

Lemay commented that the inadequate airflow is unacceptable.

Chairman Nugent commented that there are monies in the budget, and the ventilation must be finished.

Al Barbarotta will find a solution and put a price together, as needed to finish the ventilation.

No. 24: Flickering lights have different warranties, which are being confirmed prior to commencing work.

Nos. 36-39: Card access issue will be addressed before the end of this month.

No. 40: Commissioning agent report is anticipated by the end of this month.

No. 41: Errors on some new signs might not be completed by the end of this month.

Regarding Items A. – H. on page 2 of Handout #1 not included in the February 2014 renovation, Al Barbarotta will obtain professional quotes for completing the work, and the THSBC will present the cost data to Town Council. For instance, Item A. Terrazzo Floors now having visible cracks after wax removal will be further discussed.

Timpanelli indicated an Item I. is to be added for addressing the press box, to be either replaced or renovated.

Holmes also provided a Current Cost Analysis dated February 26, 2014 with a “Cost Summary Data” sheet listing the “CM Contingency Remaining” at \$679,048 and the “Variance” at \$1,046,680. Holmes and Al Barbarotta indicated the Data has already been shown to Town Council. (Handout #2 Current Cost Analysis submitted with meeting minutes.)

PCOs:

Doyle’s motion to approve PCO No. 344 regarding the Sisca closeout allowance reconciliation for a credit towards the contingency in the amount of \$82,794 was seconded by McCabe and unanimously approved, Vote 6-0.

Doyle’s motion to approve PCO No. 346 regarding Bismark roof platforms expediting costs in the amount of \$2,500 was seconded by McCabe and unanimously approved, Vote 6-0.

Doyle’s motion to approve PCO No. 348 regarding THP bond adjustment in the amount of \$3,841 was seconded by McCabe and unanimously approved, Vote 6-0.

Old Business:

Al Barbarotta will deliver the final Change Order from the city in approximately 1 more month, and will have a list to understand why the Change Order occurred. Chairman Nugent indicated final payment is not authorized since there currently are a few issues.

Timpanelli indicated she received an invoice directly from an audit company. Attorney Donofrio will check the expense allocation. Chairman Nugent indicated the THSBC did not order the audit, and the expense is not in the THSBC budget.

Timpanelli discussed the LEED survey was due March 4, 2014 for staff, and there will be approximately 500 students for the survey. Timpanelli will circulate to the THSBC information on earning points with educational programs, i.e. tools for school, and qualifying for silver.

Invoices:

Lemay's motion to approve O&G invoice #59 in the amount of \$279,459.92 was seconded by Doyle and unanimously approved, Vote 6-0.

Lemay's motion to approve Sustainable Engineering Solutions invoice #1511 in the amount of \$14,273.96 was seconded by Doyle and unanimously approved, Vote 6-0.

Doyle's motion to approve Attorney Jeffery Donofrio's invoice regarding services through to January 2014 in the amount of \$1,172.25 was seconded by McCabe and unanimously approved, Vote 6-0.

THSBC did not authorize JCJ invoice in the amount of \$3,828.18 regarding additional final project closeout costs and administration during prior 2 months.

Adjournment:

McCabe's motion to confirm the next THSBC meeting for April 9, 2014 at the Helen Plumb Building and adjourn today's meeting was seconded by Timpanelli, and unanimously approved, Vote 6-0. Accordingly, the meeting adjourned at 8:02 PM.

Respectfully submitted,

Leslie A. Jaluria, Esq.  
Jaluria Law LLC



**O&G INDUSTRIES, INC. / A.P. CONSTRUCTION A JOINT VENTURE**

**TRUMBULL HIGH SCHOOL**

**72 STROBEL ROAD**

**TRUMBULL, CT 06611**

**Renovation Project**

**CURRENT COST ANALYSIS**

February 26, 2014

**OWNERS REPRESENTATIVE**

**AFB MANAGEMENT**

**622 CLINTON AVE., BRIDGEPORT, CT 06604**

**ARCHITECT**

**JCJ ARCHITECTURE, INC. / WILES + ARCHITECTS**

**38 PROSPECT ST., HARTFORD, CT 06103**



Trumbull High School Renovation  
 Cost Summary Data  
 2/26/2014

DRAFT

<i>Construction Costs</i>	
<u>Status of Construction Costs</u>	
Original GMP	\$ 50,171,602
Scope Added by Public Bid (BP 2.19, 2.20 & 5.04 )	\$ 869,875
Approved Change Orders	\$ 3,449,606
Estimated & Pending Changes	\$ (76,453)
Sub-Total Projected GMP	\$ 54,414,630
Original CM Contingency	\$ 2,862,181
Sub-Total Projected GMP w/o Contingency	\$ 51,552,449
CM Contingency Approved for Use	\$ 2,183,133
<b>CM Contingency Remaining</b>	<b>\$ 679,048</b>
Total Projected GMP	<b>\$ 54,414,630</b>
<i>Soft Costs</i>	
Owners Cost - See Breakdown	\$ 10,914,570
Additional Scope Items - Owners Rep Fees approved 5/08/13	\$ 33,920
Additional Scope Items - Design & CA Fees approved 5/08/13	\$ 7,200
Additional Scope Items to be Managed by Owner	\$ 255,000
Subtotal Owner Costs inc Additional Work	\$ 11,210,690
Total Estimated Project Costs	<b>\$ 65,625,320</b>
Current Bonding Release (NOTE this is \$2M less than original budget)	\$ 66,672,000
<b>Variance = Estimated Owner Contingency</b>	<b>\$ 1,046,680</b>
<i>Additional Scope Items not managed by THSBC</i>	
Concession Stand - (as reported by Trumbull Public Works Dept. on 11/7/13)	\$ 325,169
<i>Progress of Work</i>	
Construction Work Completed To Date	\$ 53,416,814
Work Completed as Percentage of Current Adjusted GMP	98.2%

**Trumbull High School**  
**GMP Amendment Change Order Log**  
**Prepared by O&G/AP**  
**2/26/2014**

PCO #	Description	Estimated Cost	Total Cost of CO	CM contingency
	<b>TOTAL APPROVED CHANGE ORDERS</b>		<b>\$ 4,319,481</b>	<b>\$ (1,956,091)</b>
	<b>PENDING</b>			
344	Sisca Closeout Allowance Reconciliation	\$ (82,794)	\$ (82,794)	
346	Bismark - Roof Platforms Expediting Costs	\$ 2,500	\$ 2,500	
348	THP - Bond adjustment	\$ 3,841	\$ 3,841	
	<b>Subtotal Pending Changes</b>		<b>\$ (76,453)</b>	
	<b>ESTIMATED</b>			
Letter	Additional General Conditions through Feb 28, 2013	\$ 175,500		\$ (175,500)
Est	Added Permit Fees for Trade Changes	\$ 1,400		\$ (1,400)
Est	Bond Reserve for Trades	\$ 24,684		\$ (24,684)
Est	Bond Reserve for CM	\$ 25,458		\$ (25,458)
	Total Pending & Estimated		\$ (76,453)	\$ (227,042)
	Total All Changes and Contingency Useage		<b>\$ 4,243,028</b>	<b>\$ (2,183,133)</b>

**TRUMBULL HIGH SCHOOL**

**OWNER "SOFT" COSTS:**

Updated 06/12/13

**DRAFT**

Line Item	<i>NOTE - (THESE ARE SHOWN FOR GENERAL INFORMATION ONLY, O&amp;G/IAF CONST HAS NO ACCURATE RECORD OF, AND NO CONTROL OVER THESE COSTS. OWNER MUST CONFIRM ALL OF THESE COSTS)</i>	Budget	Anticipated Total
1	Land Acquisition		
2	A/E Fees	\$ 3,311,925	\$ 3,599,300
	a. A/E Reimbursables	\$ 151,000	\$ 158,000
3	Misc. Administration Costs	\$ 45,000	\$ 45,000
4	Surveying (For Scope Outside of A/E Fees)	\$ -	\$ -
5	Borings & GeoTech	\$ 11,950	\$ 11,950
6	Traffic Study (inc in A/E Reimbursables)	\$ -	\$ -
7	Peer Review	\$ 12,500	\$ 4,900
8	Testing & Special Inspections	\$ 85,000	\$ 59,034
9	Independent Code Compliance Review	\$ -	\$ -
10	Bid Printing & Mailing	\$ 45,000	\$ 34,928
11	FF&E Consultant	\$ 80,680	\$ 93,741
12	Tech Consultant (inc in A/E Fees \$41,952)	\$ -	\$ -
13	Abatement Consultant	\$ 68,700	\$ 200,000
14	Insurance (Builders Risk)	\$ 163,969	\$ 163,969
15	Legal	\$ 100,000	\$ 100,000
16	Financing ( reduced by Finance Director on 4/30/2012)	\$ 1,404,088	\$ 404,088
	Moving & Storage	\$ 100,000	\$ 116,203
18	CT Educational Permit Fee (By CM)	\$ -	\$ -
19	Commissioning Agent	\$ 167,683	\$ 167,000
20	Owners Representative	\$ 592,400	\$ 1,045,223
21	Owner Consultant (FZA)	\$ -	\$ 69,358
22	Misc. Work Items Contracted Directly by Owner	\$ 29,546	\$ 100,388
23	Building Official Fees - Local Review	\$ 9,500	\$ 9,500
24	F.F. & E - per email from JCJ dated 10/3/2012	\$ 919,320	\$ 1,214,106
	Furnish Additional Desks per THSBC 11/14/12	\$ -	\$ 96,000
25	Technology Equipment per email from JCJ dated 10/3/2012	\$ 750,000	\$ 1,153,590
	Police Communication System	\$ -	\$ 97,291
	New to Program - 90 Computers - add in JCJ email 10/3/2012	\$ -	\$ 82,620
26	Telephone System (Portion to be bought direct by Owner)	\$ 125,000	\$ 128,678
27	Security	\$ -	\$ -
28	On Site work by Town (2010)	\$ 25,000	\$ 25,000
29	Paving by Town - 2012 (Allowance)	\$ -	\$ 700,000
30	Abatement (Allowance)	\$ 750,000	\$ 739,651
31	Fire Safing (Allowance)	\$ -	\$ 295,053
<b>SUBTOTAL - SOFT COSTS (ESTIMATED)</b>		<b>\$ 8,948,261</b>	<b>\$ 10,914,570</b>



**O & G INDUSTRIES, INC.**

112 Wall Street  
Torrington, Connecticut 06790  
Phone: 860-489-9261 Fax: 860-496-4286

**PROPOSED CHANGE ORDER  
No. 00344**

**TITLE:** General Trades Allowance - Phase 2

**DATE:** 1/21/2014

**PROJECT:** Trumbull High School Renovation

**O & G JOB:** 0285

**ATTN:** James Nugent

**CONTRACT NO.:** 144-0101EA/RR

**TO:** Town of Trumbull  
5866 Main Street  
Trumbull, CT 06611

**CHANGE MGMT:** 00415

**CHANGE ISSUE:**

**DESCRIPTION OF PROPOSAL**

Credit for the unused Phase 2 General Trades allowance.

CM# 415

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00001	Sisca		1.000		(\$82,794.00)	0.00%	\$0.00	(\$82,794.00)

**(\$82,794.00)**

**APPROVAL:**

Town of Trumbull

O & G Industries, Inc.

**By:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_



**O&G/A.P. Construction**

**A Joint Venture**

112 Wall Street  
Torrington, Connecticut 06790  
Phone: 860-489-9261 Fax: 860-626-6447

**Construction Management Trade Contract**

**Contract No. 285-405**

**Cost Control No.**

**Trumbull High School – Phase 2  
Trumbull, Connecticut**

**TRADE CONTRACTOR:**

Sisca Northeast, Inc.  
1944 Route 22  
Brewster, NY 10509

**OWNER:**

Town of Trumbull  
5866 Main Street  
Trumbull, CT 06611

**RETAINAGE:** 5%

**NON-RESIDENT S/T RETAINAGE:** n/a

**PYMT/PERFORM BOND:** Bonds required

**ARCHITECT/ENGINEER:**

JCJ Architecture, Inc./Wiles Architects, LLC  
38 Prospect Street  
Hartford, CT 06103

This Agreement made May 28, 2010, by and between Sisca Northeast, Inc. hereinafter called "Trade Contractor," a corporation, partnership, limited liability company, individual proprietorship (*circle applicable business form*) and O&G Industries, Inc., hereinafter called "Construction Manager."

WITNESSETH: That Trade Contractor and Construction Manager for the consideration hereinafter named, agree as follows:

**SCOPE OF WORK:** FURNISH all labor, material and equipment necessary to complete all work in Bid Package No. 2.05 – General Trades, all in accordance with the Contract Documents as listed in Rider A, copy attached.

The following Allowances are included in this contract and are in accordance with Specification Section 012100 – Allowances:

#15 – Quantity Allowance for carpenter manhours: 350 Manhours @ \$60.03/hour	\$21,011.00
#15 – Quantity Allowance for Laborer Manhours: 350 Manhours @ \$50.84/Hour	17,794.00
#16 – Quantity Allowance to provide non-rated smoke tight temporary partitions: 1,500 LF @ \$72.00/LF	108,000.00
#17 – Quantity Allowance to provide 1-hour rated temporary partitions: 300 LF @ \$80.00/LF	24,000.00
#18 – Quantity Allowance for elevator operator manhours: 40 manhours @ \$100.00/Hour	4,000.00
#19 – Lump Sum Allowance for furnishing additional finish hardware material	5,000.00
#20 – Quantity Allowance for Carpenter Manhours for finish hardware: 60 Manhours @ \$60.03/Hour	3,602.00
#21 – Lump Sum Allowance to furnish and install replacement glass if broken after installation is complete	3,000.00
<b>Total Allowances:</b>	<b>\$186,407.00</b>

Sisca Northeast, Inc. to provide Professional Liability Insurance.

Specifically excluded from this Agreement is Connecticut State Sales Tax.

The following alternates have been rejected by the Owner and will not be accepted:

- #3 – Add to provide new sports flooring in existing auxiliary gym, add \$80,000
- #8 – Add multipurpose fitness room, add of \$225,000 for general trades work.

The following alternates have been accepted by the Owner and are included in the contract sum:

#1 – Provide new bleachers in main gymnasium in lieu of modifying the existing bleachers for ADA compliance and motorized operation, work also includes addition of side court basketball backstops	Add \$220,000
#2 – Provide new wood sports flooring in main gymnasium in lieu of repair and refinish of existing floor	Add \$190,000
#4 – Provide general trades work for additional 1,000 bleachers on "Home" side of outdoor bleachers at existing football field	Add \$175,000
#5 – Provide general trades work for additional 1,000 bleachers on "Visitors" side of outdoor bleachers at existing football field	Add \$175,000
<b>Total Add Alternates:</b>	<b>\$760,000.00</b>

**Allowance Tracking Sheet**  
**Trumbull High School**



**SISCA NORTHEAST, INC.**  
 BREWSTER BUSINESS PARK - 1944 ROUTE 22  
 BREWSTER, NY 10509 • www.jjsisca.com

Req.	Allowance	Items Billed Toward Allowance	Totals
3	350 Carpenter		
		PCO 5	\$ 5,711.00
		PCO 12	\$ 10,652.87
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 16,363.87</b>
		<b>Allowance Ammount</b>	<b>\$ 21,011.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ 4,647.13</b>
4	60 Carpenter Hours (Install of Finish Hardware)		
		Zavarella Casework Modifications	\$ 3,552.00
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 3,552.00</b>
		<b>Allowance Ammount</b>	<b>\$ 3,602.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ 50.00</b>
5	350 Labor Hours		
		Ticket Work Dated 3/15/11 (Saturday half time pickup)	\$ 128.96
		Ticket Work Dated 2/12/11 (Demo plaster ceilings H211 and H212)	\$ 1,372.68
		Ticket Work Dated 1/28/11 (Locker Relocation)	\$ 6,152.00
		Ticket Work Dated 11/13/10 (Demo window, set door)	\$ 128.96
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 7,782.60</b>
		<b>Allowance Ammount</b>	<b>\$ 17,794.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ 10,011.40</b>
6	40 Elevator Hours		
		Zavarella Casework Modifications	\$ 4,000.00
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 4,000.00</b>
		<b>Allowance Ammount</b>	<b>\$ 4,000.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ -</b>
7	Additional Hardware		
		Zavarella Casework Modifications	\$ 5,000.00
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 5,000.00</b>
		<b>Allowance Ammount</b>	<b>\$ 5,000.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ -</b>
8	Glass Replacement		
		Zavarella Casework Modifications	\$ 3,000.00
		<b>Completed Work Billable Towards Allowance</b>	<b>\$ 3,000.00</b>
		<b>Allowance Ammount</b>	<b>\$ 3,000.00</b>
		<b>Balance of Allowance to Bill</b>	<b>\$ -</b>
9	1500 lft. of Smok	Misc Areas Through 12/2010	

		<b>Completed Temporary Wall to Date @\$72/lft. = 765 lft.</b>	\$	55,080.00
		PCO 49	\$	1,627.00
		PCO 122	\$	2,761.80
		<b>Completed Work Billable Towards Allowance</b>	\$	59,468.80
		<b>Allowance Ammount</b>	\$	108,000.00
		<b>Balance of Allowance to Bill</b>	\$	48,531.20
10	300 lft. of 1 Hour	Misc Areas Through 12/2010		
		Zavarella Casework Modifications	\$	4,448.00
		<b>Completed Work Billable Towards Allowance</b>	\$	4,448.00
		<b>Allowance Ammount</b>	\$	24,000.00
		<b>Balance of Allowance to Bill</b>	\$	19,552.00
		<b>Balance of Remaining Allowance</b>	\$	82,791.73
		<b>Total Allowances</b>	\$	186,407.00
		<b>Total Allowance Used to Date</b>	\$	103,615.27



**O & G INDUSTRIES, INC.**

112 Wall Street  
Torrington, Connecticut 06790  
Phone: 860-489-9261 Fax: 860-496-4286

**PROPOSED CHANGE ORDER  
No. 00346**

**TITLE:** Roof Platforms Expediting Costs  
**PROJECT:** Trumbull High School Renovation  
**ATTN:** James Nugent  
**TO:** Town of Trumbull  
5866 Main Street  
Trumbull, CT 06611

**DATE:** 1/30/2014  
**O & G JOB:** 0285  
**CONTRACT NO.:** 144-0101EA/RR

**CHANGE MGMT:** 00417  
**CHANGE ISSUE:**

**DESCRIPTION OF PROPOSAL**

Building committee and AFB agreed to pay Bismark Construction a lump sum of \$2,500 if they completed the installation of the roof access platforms and gratings prior to end of December 2013. This finish milestone was achieved and included the change order work issued at later date than the expediting agreement was made.

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00001	Owner agreed payment to Bismark Construction for Expediting Installation of Roof Platforms		1.000		\$2,500.00	0.00%	\$0.00	\$2,500.00

**\$2,500.00**

**APPROVAL:**

**Town of Trumbull**

**O & G Industries, Inc.**

**By:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_



**O & G INDUSTRIES, INC.**

112 Wall Street  
Torrington, Connecticut 06790  
Phone: 860-489-9261 Fax: 860-496-4286

**PROPOSED CHANGE ORDER  
No. 00348**

**TITLE:** General Trades Bond Cost - THP  
**PROJECT:** Trumbull High School Renovation  
**ATTN:** James Nugent  
**TO:** Town of Trumbull  
5866 Main Street  
Trumbull, CT 06611

**DATE:** 2/26/2014  
**O & G JOB:** 0285  
**CONTRACT NO.:** 144-0101EA/RR

**CHANGE MGMT:** 00419  
**CHANGE ISSUE:**

**DESCRIPTION OF PROPOSAL**

Added bond cost for Phase 1 General Trades Contractor - THP for added work during Phase 1 and Phase 2 of project

Item	Description	Stock#	Quantity	Units	Unit Price	Tax Rate	Tax Amount	Net Amount
00001	Bond adjustment for General Trades		1.000		\$3,841.00	0.00%	\$0.00	\$3,841.00

**\$3,841.00**

**APPROVAL:**

Town of Trumbull

O & G Industries, Inc.

**By:** \_\_\_\_\_

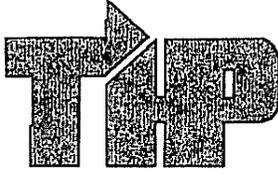
**By:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Name / Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Date:** \_\_\_\_\_



TOMLINSON HAWLEY PATTERSON

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2225 RESERVOIR AVENUE  
TRUMBULL, CT 06611  
PHONE (203) 372-3583  
FAX (203) 371-7549

February 26, 2014

Ms. Carrie Riera  
O & G Industries, Inc.  
112 Wall Street  
Torrington, CT 06790

RE: Trumbull High School  
PCO #62 - Bond Adjustment

Dear Carrie:

This Proposed Change Order, \$3,841.10, will adjust the bond for our final contract price. We have not included a fee based on the contract documents.

Final Contract	\$1,548,092.43
Original Contract	<u>\$1,128,000.00</u>
Increase	\$ 320,092.43
Total for PCO #62 @ 1.2%	\$ 3,841.10

Thank you for the opportunity of quoting.

Sincerely,

*Richard F. Jagoe*  
Richard F. Jagoe  
Manager

**Trumbull High School Renovation  
O&G/AP Project # 285  
Outstanding Items List**

2/26/2014

ITEM #	DESCRIPTION	LOCATION	ACTION ITEM	BIC	COMMENTS updated 2/25/14	O&G/AP ASSIGN	Contract/ Summer/ New
112	COMMISSIONING		RAHU's	MJ DALY & ABS / DTC	2/19/14 - final walkthru of Cx agents and contractors performed, list reduced to 3 open items. Cx agent to issue final report/recommendations.	ANDY	open
21	Replace Room Signs / Add additional signage	Throughout		THP	Contract work complete. 2/25/14 - Final review of the revised CO submittal/order scheduled for 2/26 with AFB. Fab and delivery date uncertain at this time, possibly by end of March	JMART/ AFB	change order
23	Roof Access, Lighting			Bismark	2/24/14 - Hatchway Light Incomplete - Bismark to respond	JMART/ BISMARK	change order
383	CARD READERS	THROUGHOUT		S.KENNEDY / PEC	2/24/14 school completed repairs to their doors ; awaiting PEC's programmer - Omni	ANDY	change order
918	Provide final count of cameras		Per Tech Walk through with JCI & Vanderweil	PEC	Awaiting Omni to check this, Omni to return for card reader programming. See 383 above	CAR	warranty
926	2X2 BALLAST	J MARTS LIST		PEC/THS	2/24/14 - See "Final List for Project" from THS	THS	warranty
927	HARDWARE ISSUES		FACTORY REPLACEMENT PARTS	THP	2/25/14 AWAITING THRESHOLD FOR FRONT DOOR	JMART	warranty
928	ADDITIONAL KEYING			THP	2/25/14 - AWAITING DELIVERY OF 13-3 KEY/CORES. Delivery expected by 3/28/14	JMART	change order
929	WOOD SHOP DOORS			THP	SWAP OUT 2 DOORS FOR RATED DOORS - 2/24/14 - awaiting delivery of one additional door approved in recent change order. Expected delivery 3/14/14	JMART	change order
941	Training	BMS		ABS	ABS to provide costs associated with sequencing changes brought up during BMS training. If possible the owner would like to offset the cost of the changes with the remaining 36 hours of training. 2/17 - need to memorialize swap of hours for additional changes to programming requested by THS.	ANDY	no cost change order

NOTE - AFB CONFIRMING WORK WAS COMPLETE, NOT CONFIRMING QUALITY OR PER DESIGN. JCI RESPONSIBLE FOR QUALITY CONTROL TO MEET DESIGN STANDARDS.

\*SUBJECT TO FM / BI APPROVALS

## FINAL LISTS FOR PROJECT

February 2014

Updated by O&G/AP on 2/26/2014

1. Gym doors: Plastic piece flew off (THP to correct next week)
2. Media Center: Pod cast room; hook up for audio system removal of old brackets on center column. (Not in construction scope)
3. B27: 2 Bulletin Boards removed, not replaced (Not in construction scope)
4. Boiler Issues (Resolved, there was an issue in the code which resulted in the incorrect setpoint being written to the system. ABS made the adjustment and we tested its operation. Primary Pump #3 is still locked out which the town stated they would be taking 3-phase amperage readings to determine the issue since it was part of the PH-1 scope)
5. B22: Lights flicker, cabinets missing panel, lights in front middle go off (Lighting issues - a warranty matrix with work order forms was given to THS over a month ago to note all rooms with lighting issues and teachers were to mark lights not working with sticky notes or masking tape. We have not received any work order forms back from THS yet. Cabinets with missing panels were existing to remain and no further work is scheduled)
6. C21: Lights out ( See above)
7. B12: Blinking lights (See above)
8. Plotter (Plotter was not part of construction scope.)
9. Culinary Kitchen: 4 stools missing ( FFE, not part of construction)
10. Special Ed area in Media Center: ventilation (Design issue, the motor for RAHU 10 was upsized and air flow is meeting design. Commissioning agent verified that the balancer's readings are correct and that we are meeting the design criteria. Need clear directive and change order from Owner in order to make any further changes to this system.)
11. A10: Colder (This was resolved with the boiler issue item #4 above. CFM and temperature readings in the space were within the specified range)
12. B23: Prep room ceiling tiles, closing mechanism door (Ceiling tiles were previously changed out and the closer is on an existing door not scheduled to be changed out. It is a THS work order)
13. C House Psychologist's office: Exposed pipe (Not in construction scope to be covered)
14. C29: No WiFi (Verified unit and wiring is installed. THS IT need to check this)
15. C5: Cold (This was resolved with the boiler issue item #4 above. CFM and temperature readings in the space were within the specified range)
16. B House Guidance Workroom: No upper cabinets (Not in construction scope)
17. B4: Needs thermostat (Stat was malfunctioning and was replaced under warranty. Is currently operating correctly)
18. Career Center: Table never fixed ( FFE, not in construction scope)
19. Bulletin boards on walls where benches are in A,B,C upper and lower hallways (Not in the construction scope)
20. Out of order door "C" House stairwell near school store. (Resolved)