



# TOUCHSTONE CPM

CONSTRUCTION PLANNING & MANAGEMENT

2301 Baton Rouge ■ Lima, Ohio 45802-0991

**Fremont City Schools  
New Middle School  
Fremont, Ohio**

**PROGRESS MEETING MINUTES #37**

Attendees: Brian Hurst, TCPM  
Dale Niemeyer, VPS/TCPM  
Mark Hotz, Warner  
Rob Haas, Lake Erie  
Chris Moore, TCPM  
Dave Saller, FCS  
Gary Bair, CTL  
Mike Huddleston, Telamon

Jamie Meeker, VPS/TCPM  
Allan Mee, Fanning/Howey  
Steve Meyer, Telamon  
Erica Williams, City of Fremont  
Mickey Drcar, Lake Erie  
Dave Reinbolt, FCS  
Jamie Powers, Central Fire

Distribution: All Attendees  
Norma Etgen, Fanning/Howey  
Jamie Trombley, Touchstone  
Ric Bonfiglio, Lake Erie  
Faye Eishen, FCS  
David Archer, Polster  
Chris Board, Central Fire  
Richard Lake, CTL  
Dan Knisely, Telamon  
Bill Spencer, Johns Manville  
Tom Miller, Sperling  
Melanie Lefeld, Fanning/Howey  
Maurika Lake, CTL  
Dave Chambers, FCS  
Kyle Bullock, TCPM  
Jim Krock, Warner

Dave Dixon, SA Storer  
Lynne Wetoskey, Warner  
Phil Becker, Stan  
Jim Bennett, TCCorp  
Roger Evans, CTL  
Wayne Lemke, Sperling  
Steve Fisher, CTL  
David Vincent, CTL  
Shawn Chaney, CRM  
Mike Bossetti, Telamon  
Kim Theller, FCS  
Amanda Burgess, Touchstone  
Mark Ramsey, Central Fire  
Michael Quaintance, CRM  
Curt South, Fanning/Howey  
Traci McCaudy, FCS

Date/Time: February 23, 2011 – 1:00 pm

Location: TCPM Field Office

**A. General Information**

- **Request for Information (RFI's)**
  - 1) 94 RFI's have been submitted. RFI #94 currently open.
- **Architectural Supplemental Instructions (ASI)**
  - 1) 36 ASI's have been issued to date.
- **Request for Proposal's**
  - 1) 72 RFP's have been issued.

▪ **Submittals/Shop Drawings**

- 1) No items.

▪ **Plan Approval - Contractor Items**

- 1) The following items are to be submitted to Fanning/Howey for submission to the state for plan approval:

- A. Fire Protection System – Central (submitted to state)
- B. Fire Alarm – Lake Erie (submitted to state)
- C. Bleachers – Telamon (submitted to state)
- D. Occupant Signage – Telamon
- E. Fire Stopping Materials – Telamon, Lake Erie, Warner
- F. Steel Joist Placement Plans for Field use – Telamon (submitted to state)
- G. Emergency Generator Fuel Tank – Lake Erie (submitted to state)
- H. Kitchen Hood and Exhaust System – Polster (submitted to state)

- 2) Note that Fanning/Howey will submit all drawings to the state. Contractors are to provide Fanning/Howey with 6 hard copies via Touchstone.

- 3) Contractors are to submit after they receive submittal approval from Fanning/Howey.

▪ **Safety**

- 1) Job site safety is of utmost importance on site for not only each contractor's employees but also anyone else working on the jobsite. Each contractor's superintendant is responsible for his/her crew's safety including:

- A. Compliance with OSHA requirements.
- B. This is a hardhat project.
- C. Contractor clean-up needs to take place on a daily basis.

- 2) There is to be **no smoking** on the project.

- 3) Photo identification cards to be displayed at all times.

▪ **Quality**

- 1) Painting pre-install was held today.
- 2) Caulking pre-install is set for 3/2 at 10:00 am.
- 3) Tech cabling pre-install is set for 3/16 at 10:00 am.

▪ **Project Schedule**

- 1) The next project schedule update is set for 2/28 on site.

**B. Touchstone**

- 1) The next quarterly LEED meeting is scheduled for 3/30/11.
- 2) Telamon to maintain positive drainage on all drives and lots.

**C. Telamon**

Progress to Date:

- Light tub curbs
- Locker bases
- Clean up
- Prep and pour Stair C102
- Mason – laying block on 2<sup>nd</sup> and 3<sup>rd</sup> floors, rub wall Unit C
- Steel – Stair C102 handrail, Clips at Unit C
- Foam – Blue skin, foam and birds nest in all areas
- Metal Studs – framing at Unit B tops of wall and soffit at Unit A roof monitors

Two week look-ahead schedule:

- Tyvek roof monitors, start light tubs

- Mason – laying block on 2<sup>nd</sup> and 3<sup>rd</sup> floors of Unit C
- Steel – clips at Unit C, bracing at wall greater than 18'
- Foam—Blue skin, foam and birds nest in all areas
- Metal Studs – soffits at Unit A roof monitors

Contractor's Concerns:

- None

**D. CRM (No update)**

Progress to Date:

- Flashings
- Light tube curbs

Two week look-ahead schedule:

- Gym monitors
- Roofing as weather allows

**E. Polster**

Progress to Date:

- Not on site

**F. Central Fire**

Progress to Date:

- Rough-in L-3
- Raised pipe in art rooms above-ceiling

Two week look-ahead schedule:

- Finish rough-in in L-3
- Start rough-in in L-1
- Finish Corridor B (if ready)

Contractor's Concerns:

- None

**G. Warner**

Progress to Date:

- Work in Areas B locker room and C 3<sup>rd</sup> floor on domestic water mains and in wall rough-ins
- Work in corroder B on heating and cooling mains and run outs
- Sheet metal: Work in office Area B and 3<sup>rd</sup> floor Area C on supply and return ducts
- Insulator: Insulate misc. ducts and pipe chases in Area C 3<sup>rd</sup> floor

Two week look-ahead schedule:

- Continue with domestic water mains and in wall rough-ins including mains in corridor in Area B office and corridor and C – 3<sup>rd</sup> floor and 2<sup>nd</sup> floor chases
- Sheet metal: Continue with ducts in Area C – 3<sup>rd</sup> floor
- Insulator: Continue with ducts in Area C mech. rooms and pipe chases on 3<sup>rd</sup> floor

Contractor's Concerns:

- None

**H. Lake Erie Electric**

Progress to Date:

- Following brick masons in Areas C 2<sup>nd</sup> Floor
- Installing overhead conduit in Area A and 2<sup>nd</sup> floor C
- Installing pathway for teledata

Two week look-ahead schedule:

- Continue to follow brick masons
- Continue overhead conduit in Area A and 2<sup>nd</sup> and 3<sup>rd</sup> floor Area C

- Install meter socket and feeder cables for transformers

Contractor's Concerns:

- Dust and other items that are falling on our conduits from drycore and insulating foam; making the building secure to be able to pull panel feeds and branch wire; and painting contractor needs to be aware of panels and wiring so paint does not get on them.

**I. Fanning Howey**

- 1) No items.

**J. Fremont**

- 1) Owner needs to determine if room numbers will be different from drawing room numbers. This will determine signage and labeling requirements. Fremont expects to have complete by 2/25.

These minutes constitute an understanding of the meeting and will be considered correct unless Touchstone is notified within ten days of distribution.

**The next Progress Meeting is scheduled for Wednesday, March 2, 2011, at 1:00 p.m. The meeting will be held in the TCPM Field Office.**

**Attachments: RFI Log, Submittal Log  
ASI Log, RFP Log**

# Fremont City School District New Middle School

Package	Description	Rev	Action	Rec'd from Contractor	Sent to Architect	Rec'd From Architect	Frwd To Contractor	Contractor
04-2000.00	<b>Unit Masonry</b>							
04-2000.02	Glazed Concrete Block Sample *Add Notes in Spiffire (ASI)	0	A/E Review	05/25/10	05/25/10			Telamon
04-2000.03	Weep Color Samples *Add notes in Spiffire	0	A/E Review	05/25/10	05/25/10			Telamon
04-2000.08	Belden Monarch Canyon Full Range Velour & Monarch/Double Monarch Lighthouse Gray Velour Material Certification	0	A/E Review	07/09/10	07/13/10			Telamon
<b>05-2100.00</b>	<b>Steel Joist Framing</b>							
05-2100.02	<b>STATE REVIEW SHOP DRAWINGS - Steel Joist Shop Drawings (J1 thru J6)</b>	1	A/E Review	10/21/10	10/22/10			Telamon
07-8100.00	<b>Applied Fireproofing</b>							
07-8100.01	CAFCO 300 Spray-Applied Fire Resistive Material Product Data, Shop Drawings, CAFCO License and Project Sequencing Letter	0	A/E Review	01/19/11	01/20/11			Telamon
07-9200.00	<b>Joint Sealants</b>							
07-9200.04	Tremco Spectrum Color Chart (12/14/10: Color to be picked on site by Allen Mee with information back to Celina Fanning Howey office)	0	A/E Review	12/06/10	12/07/10			Telamon
08-5113.00	<b>Aluminum Windows</b>							
08-5113.02	Confirmation	2	A/E Review	02/04/11	02/11/11			Telamon
08-5113.02	Samples for Verification	0	Resubmit	08/02/10	08/03/10	08/19/10	08/19/10	Telamon
08-5113.05	Aluminum Windows - Submit "Clear Anodized" Finish Color Sample	1	AE Review	02/01/11	02/03/11			Telamon
08-9000.00	<b>Louvers and Vents</b>							
08-9000.02	Color Selectors (1/7/11: Color to be picked by Allan Mee on site. Color is to match color of brick adjacent to it.)	0	A/E Review	11/24/10	11/29/10			Warner Mechanical
09-6517.00	<b>Linoleum Flooring</b>							
09-6517.01	Samples-LFT-1 Johnsonite/Tarkett Harmonium xf 624 Azurite, LFT-2 Johnsonite/Tarkett Harmonium xf 649 Thistle, and LFT-3 Johnsonite/Tarkett Harmonium xf 674 Falling Star	0	A/E Review	01/07/11	01/11/11			Telamon
09-6517.02	Linoleum Floor and Adhesive Product Data, Installation Instructions, and Maintenance Data	0	A/E Review	01/07/11	01/11/11			Telamon
09-6813.00	<b>Tile Carpeting</b>							
09-6813.01	Samples: CPT-1 Interface Custom 251867-01, CPT-2 Interface Custom 251867-02, CPT-3 Interface Custom 251867-03, CPT-4 Interface Menagerie 4943 Mulberry, WOM-1 Interface Deco-Tuft 602382 Anthracite	0	Resubmit	01/17/11	01/18/11	02/04/11	02/08/11	Telamon
09-8400.00	<b>Acoustical Wall Treatment</b>							
09-8400.01	Product Data/Drawing w/ Highlighted Items	0	A/E Review	01/13/11	01/14/11			Telamon

Package	Description	Rev	Action	Rec'd from Contractor	Sent to Architect	Rec'd From Architect	Frwd To Contractor	Contractor
09-8400.02	Samples: Wall Sound Absorbers, Wall Sound Diffusers, and Fabric Samples	0	A/E Review	01/13/11	01/14/11			Telamon
10-1200.00	<b>Display Cases</b>							
10-1200.03	Felt Samples	0	Rejected	12/28/10	01/04/11	02/04/11	02/07/11	Telamon
10-1200.05	Metal Sample Color Chart (Wilson Laminate)	0	A/E Review	02/16/11	01/17/11			Telamon
10-1400.00	<b>Signage</b>							
10-1400.01	Cut Sheets, Emergency Room Number Schedule and Signage, Sign Schedule, ADA Alternative Samples, Color Selector, and ADA Alternative & Color Samples	0	A/E Review	02/14/11	02/15/11			Telamon
10-2226.00	<b>Operable Partitions</b>							
10-2226.01	Partitions Product Data	0	Note Markings/Confirm	10/28/10	10/29/10	12/10/10	12/13/10	Telamon
10-2226.03	Shop Drawings Sheets 1-5	0	Note Markings/Confirm	10/28/10	10/29/10	12/10/10	12/13/10	Telamon
10-5113.00	<b>Metal Lockers</b>							
10-5113.02	Republic Storage Systems Color Chart	0	Resubmit	12/08/10	12/09/10	01/07/11	01/07/11	Telamon
10-7113.00	<b>Exterior Sun Control Devices</b>							
10-7113.02	Submit "Clear Anodized" Finish Color Sample	1	A/E Review	02/01/11	02/03/11			Telamon
10-7500.00	<b>Flagpoles</b>							
10-7500.01	Shop Drawings	0	A/E Review	02/17/11	02/17/11			Telamon
11-4000.00	<b>Food Service Equipment</b>							
11-4000.01	Food Service Electrical Rough-In Shop Drawing (F-2)	0	Note Markings/Confirm	08/26/10	08/26/10	9/7/2010 and 11/2/10	9/8/2010 and 11/2/10	Louis Polster
11-4000.02	Custom Fabrication Shop Drawings (Dwgs. 1-8)	0	Dwgs. 1, 3, 8--Note Markings/Confirm; Dwgs. 2,4-7--No Exceptions Taken	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
11-4000.03	Utility Distribution System Shop Drawings (Caddy Air Systems) Dwgs. 1-2	0	Note Markings/Confirm	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
11-4000.04	Plumbing Drawing F-4	0	Note Markings/Confirm	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
11-4000.06	Walk-In Cooler/Freezer Shop Drawing (Kolpak 84515)	0	Note Markings/Confirm	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
11-4000.07	Serving Counter Shop Drawings (Defeld Dwgs. 1-2)	0	Note Markings/Confirm	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
11-4000.08	Kitchen Hood Shop Drawing (Allied Technologies)	0	Note Markings/Confirm	09/08/10	09/08/10	11/02/10	11/02/10	Louis Polster
12-2413.00	<b>Roller Window Shades</b>							
12-2413.01	Shop Drawings/Product Data	0	A/E Review	02/09/11	02/10/11			Telamon
12-2413.02	Fabric Samples (Charcoal/Grey, Beige, Oyster, Oyster/Beige, Oyster/Pearl Gray, Beige/Pearl Gray, Pearl Gray, Charcoal, Charcoal/Chestnut)	0	A/E Review	02/09/11	02/10/11			Telamon
12-2413.03	Metal Samples (Black, Ivory, White & Bronze)	0	A/E Review	02/09/11	02/10/11			Telamon
12-2413.04	Metal Sample (Silver Anodized)		A/E Review	02/09/11	02/10/11			
12-3200.00	<b>Manufactured Wood (Educational) Casework</b>							
12-3200.06	Science Room Casework--Section 7 (Hinges, Pulls, Drawer Slides, Locks, Shelves, Shelf Supports, Counter Tops, Edging, Drawers, Cabinet Construction; Dwgs 1-9)	1	Resubmit	09/29/10	09/29/10	10/06/10	10/06/10	Telamon

Package	Description	Rev	Action	Rec'd from Contractor	Sent to Architect	Rec'd From Architect	Fwd To Contractor	Contractor
12-3200.08	Casework Details--Section 9 (Hinges, Pulls, Drawer Slides, Locks, Shelves, Shelf Supports, Counter Tops, Edging, Drawers, Cabinet Construction); Dwgs 1-7	0	Rejected	08/24/10	08/25/10	09/03/10	09/07/10	Telamon
12-6600.00	<b>Telescoping Stands</b>							
12-6600.05	<b>STATE REVIEW SHOP DRAWINGS - Irwin Telescopic Seating</b> Shop Drawings 1 of 10 and 10 of 10 and S1, S3-S-14	1	A/E Review	12/03/10	12/03/10			Telamon
12-9300.00	<b>Site Furnishings and Amenities</b>							
12-9300.02	Site Furnishing Tables, Trash Cans, and Bike Rack Product Data/Cut Sheets	0	A/E Review	01/28/11	01/31/11			Telamon
12-9300.03	Color Samples	0	A/E Review	02/03/11	02/08/11			Telamon
22-0700.00	<b>Plumbing Insulation</b>							
22-0700.03	Pipe Buried in Walls	0	Rejected	01/31/11	02/01/11	02/10/11	02/10/11	Warner Mechanical
22-0700.04	Roof Sump Bodies	0	Rejected	01/31/11	02/01/11	02/10/11	02/10/11	Warner Mechanical
23-0900.00	<b>HVAC Direct Digital Controls</b>							Warner Mechanical
23-0900.01	Temperature Control Valves & Actuators	0	Note Markings/Confirm	11/17/10	11/18/10	12/03/10	12/06/10	Warner Mechanical
23-0900.02	Control Damper and Actuators	0	Note Markings/Confirm	11/17/10	11/18/10	12/03/10	12/06/10	Warner Mechanical
23-0900.04	Temperature Control Shop Drawings	0	A/E Review	01/15/11	01/15/11			Warner Mechanical
23-0900.05	Front End Equipment, Software, and Controllers	0	A/E Review	01/15/11	01/15/11			Warner Mechanical
23-0900.06	Sensors, Interface Devices, and Panel Components	0	A/E Review	01/15/11	01/15/11			Warner Mechanical
23-0993.00	<b>HVAC Sequence of Operation</b>							
23-0993.01	Sequence of Operations Product Data	0	Resubmit	01/31/11	02/01/11	02/10/11	02/10/11	Warner Mechanical
23-3723.00	<b>HVAC Gravity Ventilators</b>							
23-3723.01	Fans & Hoods for EFB103, C302, and C303	1	Rejected	08/31/10	09/01/10	09/14/10	09/14/10	Warner Mechanical
23-5100.00	<b>Breachings, Chimneys and Stacks</b>							
23-5100.01	Boiler Breaching Product Data/Cut Sheets	1	Resubmit	10/26/10	10/27/10	11/10/10	11/11/10	Warner Mechanical
23-5216.00	<b>Condensing Boilers</b>							
23-5216.01	Product Data/Cut Sheets	0	Note Markings/Confirm	10/26/10	10/27/10	11/10/10	11/11/10	Warner Mechanical
23-6423.00	<b>Scroll Water Chillers</b>							
23-6423.01	Resubmittal Product Data/Cut Sheets (CHLR-A & CHLR-B) submitt	1	Note Markings/Confirm	08/31/10	09/01/10	09/16/10	09/17/10	Warner Mechanical
23-8123.00	<b>Computer-Room Air-Conditioners</b>							Warner Mechanical
23-8123.01	Product Data	0	Note Markings/Confirm	08/09/10	08/10/10	08/18/10	08/18/10	Warner Mechanical
26-0923.00	<b>Lighting Control Devices</b>							
26-0923.01	Lighting Contactor Schedule, Product Data, and Cut Sheets	0	Rejected	07/20/10	07/21/10	07/27/10	07/28/10	Lake Erie Electric
26-2200.00	<b>Low-Voltage Transformers</b>							
26-2200.01	Product Data/Cut Sheets	0	Note Markings/Confirm	07/20/10	07/21/10	08/02/10	08/03/10	Lake Erie Electric
26-2413.00	<b>Switchboards</b>							
26-2413.01	Bill of Materials, Product Data, and Cut Sheets	0	Note Markings/Confirm	07/20/10	07/21/10	08/02/10	08/03/10	Lake Erie Electric
26-2416.00	<b>Panelboards</b>							
26-2416.01	Bill of Materials, Product Data, and Cut Sheets	0	Note Markings/Confirm	07/20/10	07/21/10	08/02/10	08/03/10	Lake Erie Electric

Package	Description	Rev	Action	Rec'd from Contractor	Sent to Architect	Rec'd From Architect	Frwd To Contractor	Contractor
26-3213.00	Engine Generators							
26-3213.02	Product Data/Cut Sheets--STATE REVIEW	0	A/E Review	01/06/11	01/07/11			Lake Erie Electric
26-5100.00	Interior Lighting							
26-5100.01	Product Data	0	Note Markings/Confirm	09/28/10	09/28/10	11/30/10	11/30/10	Lake Erie Electric
26-5600.00	Exterior Lighting							
26-5600.01	Product Data submitted with 26-5100	0	Note Markings/Confirm	09/28/10	09/28/10	11/30/10	11/30/10	Lake Erie Electric
27-1100.00	Communications Equipment Room Fittings							
27-1100.01	Communication Equipment Room Fittings Submittal	0	A/E Review	02/21/11	02/21/11			Lake Erie Electric
27-1113.00	Communications Entrance Protection							
27-1113.00	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/21/11			Lake Erie Electric
27-1313.00	Communications Copper Backbone Cabling							
27-1313.01	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/22/11			Lake Erie Electric
27-1323.00	Communications Fiber Optical Backbone Cabling							
27-1323.01	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/21/11			Lake Erie Electric
27-1333.00	Communications Coaxial Backbone Cabling							
27-1333.01	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/21/11			Lake Erie Electric
27-1513.00	Communications Copper Horizontal Cabling							
27-1513.01	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/22/11			Lake Erie Electric
27-1533.00	Communications Coaxial Horizontal Cabling							
27-1533.01	Product Data/Cut Sheets	0	A/E Review	02/21/11	02/22/11			Lake Erie Electric
28-3111.00	Digital, Addressable Fire-Alarm System							
28-3111.02	Product Data	0	Note Markings/Confirm	09/01/10	09/02/10	09/23/10	09/24/10	Lake Erie Electric

# ASI Log

## Fremont City Schools - New Middle School

ASI #	Date Issued	Description
1	06/08/10	Refer to ASI Drawing 1.1 dated 3/31/10 for clarification showing that Door No. B144A was revised to have the required clearance on push side that is required by ADAAG Figure 25(b).
2	06/08/10	For clarification, the door support beam on Drawing No. S2.2 at 127 feet 2 inches support the second floor door extending to the east. The door support beam on Drawing No. S2.3 at 113 feet 0 inches supports the first floor door extending to the west. Refer to ASI Drawings 2.1 and 2.2 dated 3/31/10.
3	06/08/10	For clarification, the lighting levels provided by 'night light fixtures' in Dining Room No. B136 meet the required minimum foot-candle levels for night light fixtures. Refer to ASI Drawing No. 3.1 dated 5/4/10.
4	06/08/10	For clarification, there are to be no pass doors in the operable walls; just glass as indicated per the addendum drawing.
5	06/08/10	For clarification, it is intended that all glass frames S10-S13 on Drawing No. A6.1 are to be tempered glass.
6	06/08/10	Details 6-A6.5 and 7-A6.5 are to have insulation per the section cut in detail 7-A1.7.
7	06/08/10	For clarification, the existing curb of the existing west perimeter drive around the high school is not located correctly on the topographic survey. The curb is approximately 6" further west than shown. The remedy to this situation is to reduce the distance between the new Middle School building and the asphalt drive from 14.1' to 13.6' ±. The new storm sewer and two catch basins will need to be adjusted accordingly. The width of the asphalt drive will remain 15' and the location of the new Middle School building will remain as is. Refer to ASI Drawing No. 7.1 dated 6/2/10.
8	06/08/10	For clarification, where pre-faced concrete masonry units (PCMUs) are called out as base material on the Room Finish Schedules, they are intended to be covered base units. Running units are intended to be 15-3/4 inches long by 7-7/8 inches high. Thickness is intended to match the masonry unit above. At outside corners and wall openings, provide built-nose units and return-glazed face on exposed side.
9	06/08/10	Refer to attached ASI Drawing 9.1 dated 6/8/10 for clarification of side wall conditions of roof monitors.
10	06/10/10	Refer to attached ASI Drawings 10.1 and 10.2 dated 6/9/10 for clarification of roof framing and deck edges at roof monitors.
11	07/02/10	For clarification, the east wall in Room B129 that is tagged as a W8B, but drawn as a W10B is to be a W10B
12	07/02/10	Excel spreadsheets for LEED purposes. Per file names, two spreadsheets are to be appended after Specification Section 017419 and four spreadsheets are to be appended to Specification Section 018113
13	07/02/10	On Sheet A1.1, the dimension between grid line AT and AV is to be 44'8" and the dimension between grid line AV and the edge of the wall is to be 1'10" to match structural
14	07/02/10	The conduit shown on the bottom of Sheet RT2.1 should be two 4" conduit as indicated by Plan Note 5. See Dwg. RT2.1 and RE3.0 for reference
15	07/27/10	Refer to attached ASI Drawing 15.1 dated 7-14-10 for an enlargement of Detail 23-A2.3 (Roof detail)
16	07/27/10	Refer to attached ASI Drawing 16.1 dated 7-16-10 to locate doors A101A, A115A, A115B, A115C, A120A, and A121A
17	07/27/10	Provide concrete piers per ASI Drawings 17.1 and 17.2
18	07/27/10	Lap splice lengths for masonry reinforcement shall be per Note 5 on Detail 1-S3.6. Table A in Detail 3-S3.6 shall be deleted.
19	07/28/10	At Stairs C104 and C132, increase the 5'8" landing dimension to be 6'0" to match the width of the stairs.
20	08/18/10	Window Type C location and head/sill details
21	08/19/10	Floor plan changes on Sheet A1.1
22	08/19/10	Revised dimensions locating window CW11

# Description

## Date Issued

ASI #	Date Issued	Description
23	08/31/10	Masonry veneer on the entire exterior of the building is to move out 3/8" over the foundation allowing for more room for the spray on insulation and air space
24	08/31/10	In Rooms A105 and A108, change casework item # EB43B to EB65D--36"W x 36"H x 24"D base unit with two drawers, one adjustable shelf and two hinged doors.
24.1R	09/07/10	In Rooms A105 and A108, change casework item # <b>EB43D</b> to EB65D--36"W x 36"H x 24"D base unit with two drawers, one adjustable shelf and two hinged doors.
25	09/20/10	Relocate ADA stalls and grab bars
26	09/27/10	In Rooms C108, C204, and C304, please move ES18C and EW01D closer to the tall cabinets and move EW10D and EB43D to where ES18C and EW01D were previously located.
27	10/01/10	The concrete curb along the north side of the extension of Cedar Street is to have a 6-inch reveal. The elevation of the edge of pavement is shown on the grading plans. The east end of this curb is to have a two foot taper that terminates the curb flush with the adjoining pavement.
28	10/05/10	1) For elevations 5 and 6 on drawing A8.7, note masonry dimension changes on ASI Dwg 28.1 dated 10/5/10. 2) Also for these two elevations, keynote 14 should be the back side of SFCMU-2 to provide a smooth finish in lieu of PCMU-1. 3) On elevation 5, keynote number 10 above the display cases has been deleted.
29	10/28/10	On all the RE3 Series Drawings, delete all reference to IR symbols. IR symbols do not have rough-in requirements.
30	11/03/10	See ASI Drawings 30.1 and 30.2 dated 10/29/10 regarding RFI response 68.
31	11/18/10	In Room C201A on Drawing Sheet E4.4, change "CKT. 1CH1-7 VIA CL-2a3" to read "CKT. 2CH1-7 VIA CL-2a4" and change "CKT. 1CH1-9 VIA CL-2b3" to read "CKT. 2CH1-9 VIA CL-2b4".
32	11/24/10	New rough-in location for sound system 12" X 12" X 4" junction box in Room A131
33	01/12/11	Changes to Dwg. G3.1, Enlarged Layout Plan-North
34	01/14/11	Various PA System, Sound System, and TV changes
35	01/20/11	23-1123 Facility Natural-Gas Piping
36	02/11/11	On Drawing Sheet A7.1, in Room A118, the stackable washer and dryer is to be provided by the contractor. On Drawing Sheet FS.1, it is incorrectly stated that the stackable washer and dryer are to be owner provided.



# RFI Log

## Fremont New Middle School

Last Updated:

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
1		Telamon	04/30/10	Please refer to note 1a under part 2.2/A of the Metal Decking Specs. This note calls for A G90 finish for the 3" Roof Decking at Exposed Areas.	The G90 zinc coating was required for the exposed deck of the screen wall alternate (detail 1-S2.17) that was not accepted. Therefore G60 zinc coating is acceptable for all deck types.	5/7/2010	5/4/2010
2		Telamon	05/04/10	It appears the structures are too shallow. Example attached. Top of casing 622.2 - 9" casing = 621.45 - 12" flat top = 620.45 leaving you 1.13 feet between the flow line and joint of the manhole. These structure are supposed to be booted which means they must have 6" of concrete above the 16" opening required for the boot.	CS#1 was included in the shop drawing submittal received on 5-14-10. An ODOT 2-25 was substituted and approved per the shop drawing submittal.	5/7/2010	5/21/2010
3		Telamon	05/12/10	Please confirm that the Spectra Glaze units are not scored, there is no indication or confirmation either way?	Per the drawings and the specifications, the Spectra Glaze units are not to be scored.	5/19/2010	5/17/2010
4		Telamon	05/12/10	The page and note referenced above depict a starting and stopping point for SFCMU... is this correct or it is suppose to read SFCMU?	Yes, that note should "SFCMU".	5/19/2010	5/17/2010
5		Telamon	05/12/10	Please provide clarification on the brick in the student dining, stage and restroom area, anywhere there is a J wall. There is a discrepancy between wall type and interior elevation on A8.7	There is no brick on the interior of the building; refer to interior elevation on A8.7.	5/19/2010	5/17/2010
6		Telamon	05/19/10	Sheet S2.5 between lines R and T and Lines 46 and 47 show (4) W8 x 10 beams to be at elevation 125'4". All of the other beams in this area are shown to be at elevation 126'4". We cannot find a reason for the 1'0" drop in elevation. Should top of steel be the same for all beams on this floor at 126'4"?	The (3) W8 X 10 and (1) W12 X 14 beams should be at elevation 126'4" to match Unit C 3rd floor beams	5/26/2010	5/20/2010
7		Telamon	05/19/10	Sheet S2.4 there are some beams in the area of RM C120 between lines S.8 and A.1 and above line 43 showing an elevation of 126'4". All of the other beams in this area are at elevation 113'0". Should all beams on this sheet be at elevation 113'0"?	All 2nd floor beams in Unit C shall be at elevation 113'0"	5/26/2010	5/20/2010
8		Telamon	05/19/10	Sheet S2.4 and S2.5 @ C.L. 47 between lines T and X is a W12 X 14 beam that appears to be off set just North of line 47. We have referenced the Architectural Drawing for stair C104 section 5 and 6/A10.4 appear to show these beams to be inside the masonry wall and in line with the roof beam. Should the W12 X 14 beams on 2nd and 3rd floor be on line 47 like the W 14 X 22 at the roof on Sheet S2.6?	The W12 X 14 beams on the 2nd and 3rd floors shall be offset 10" from column line 47 as shown on the structural plans. The masonry walls shown on stair sections shall continue to deck	5/26/2010	5/20/2010
9		Telamon	05/20/10	Sheet S2.4 and S2.5 on the left side of the sheet between C.L. 46 and 47, a dimension of 9'-8 3/8" is given. If you follow these same C.L. over to the right side of the sheet there are two dimensions given (4'-10" + 4'-10") which equal an even 9'8" losing 3/8". Which dimension should we use for the spacing between C.L. 46 and 47?	The distance between referenced column lines is 9'-8-3/8". The two dimensions are to the centerline of beams and not to the centerline of column.	5/27/2010	5/21/2010

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
10		Telamon	05/21/10	Sheet S2.4 and S2.5 between C.L. 51 and 52 is framing for a bay window. There are W18 X 40 beams running from columns AA to AC, AC to AG to AJ. These beams do not have end reactions assigned to them. By our calculations the beams running on the diagonal would have a reaction of over 90 kips and the beam between AC and AG would be over 48 kips. Are we correct in our calculations? If not, please provide the actual end reactions for these beams.	Design and connections for the referenced beams for a maximum reaction of 8 kips.	5/28/2010	5/24/2010
11		Telamon	05/21/10	Sheet S2.4 and S2.5 shows a W 18 X 40 beam between lines X and AA on C.L. 49 without end reactions. According to the specifications we are to design connections for the uniform load for the span of this beam. According to our calculations this would be over 200 kips, which we feel would be more than what is required. With this said, would our calculations be correct? If not, can you provide the actual end reactions for these beams?	Design and connections for the referenced beams for a maximum reaction of 8 kips.	5/28/2010	5/24/2010
12		Telamon	05/21/10	Reference the attached email regarding the issues discovered during the site work surveying and the solutions suggested.....please respond with direction.	The original survey was not done by ESA Associates. Additional Clarification is required in order to find the points referenced.	5/28/2010	5/25/2010
12 Rev		Telamon	05/12/10		We exchanged electronic files with the surveyor doing the construction staking and discussed the situation with him. The existing curb of the existing west perimeter drive around the high school is not located correctly on the topographic survey that we received. The curb is approximately 6" further west than shown. The remedy to this situation is to reduce the distance between the new MS building and the asphalt drive from 14.1' to 13.6' +/- . The new storm sewer and 2 catch basins will need to be adjusted accordingly. Please refer to the attached sketch. The width of the asphalt drive will remain 15' and the location of the new MS building will remain as is.	5/28/2010	6/1/2010
13		Telamon	05/28/10	Sheet S2.6 have many W8 X 10 beams in various locations ranging in length from 4'6" to 9'-8 3/8" without end reactions assigned to them. Can these reactions be provided?	Design connections for all W 8 X 10 beams on S2.6 for a maximum reaction of 6 kips. Provide a minimum of two bolts per connection	6/4/2010	6/2/2010
14		Telamon	06/07/10	Reference Sheet S2.5, please provide the required spacing for the W 12 X 19 beams between C.L. K and R and lines 41 and 46	See attachment for spacing as provided by FHAI.	6/10/10	6/8/10
15		Telamon	06/07/10	(1) Reference the #4 @ 16" c to c. When the foundation width requires four (4) horizontal bars with no center bar, which bars do these go on? (Reference the attached drawing) (2) Reference the typical width measurement from the rebar to the foundation edge 3'.....is the 3" coverage to the bar or stirrup? (Reference the attached drawing)	(1) The #4 at 12" c to c (see addendum #2) referenced can be hooked on either of the two interior sets of bars in the provided drawing. (2) The 3" coverage is to the stirrup.	6/11/10	6/8/10
16		Telamon	06/08/10	Clarification needed for start/stop of split face masonry wall. (1) Provide start/stop point noted on A8.2--the lines do not line up with the floor plan A1.2 which notes more of the wall by door B147 as a W8L. (2) Do the split face units carry over the first bulkhead just north of B147? We assume it carries over the second bulkhead north of B147 and from there the splits go all the way up.	The start and stop of the split face cmu (SFCMU) in plan, is noted on A8.2, which takes precedence over the notes on A1.2. The walls inside of Rooms B145 and B146 should be painted smooth face cmu. In elevation, SFCMU is to run from floor to underside of roof deck/4" above any lay in ceiling. Please provide a lay in ceiling north of Room B147 (similar to the lay in ceiling located outside of Room B146) in lieu of an exposed ceiling and running SFCMU to deck.	6/15/10	6/22/10
17		Telamon	06/08/10	Clarification needed for sightlines (1) A6.1 window schedule--Window types B & D show a 5" sightline at the sunshades. Window Types A & E show a smaller sightline, however no detail or cut through to verify actual dimension of sight line and (2) Elevation 3.1 show sunshade with 5" sightline and window types A & E show the smaller sightline. Type A & E don't have a cut through or detail to show its sightline dimension	For clarification, window Types A and E do not have sunshades on them anywhere on the plan. Only window Types B and D have sunshades.	6/15/10	6/10/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	AE's Response	Requested Response Date	Actual Response Date
18	19	Telamon	06/15/10	Reference the drawing listed above and clarify the following... 1. Is "X" line at the bottom of the page really supposed to be "Y"? This line reads Y on sheet S1.3P. 2. 32.9 line is 1 in. north of 33 line. What is 32.9 line representing? 3. Are the pilings at 20 line / S line supposed to be centered on line 20? 4. Are the piling at P line / 21 line centered on P line? 5. Are the pilings at 25 line centered on the 14' 6" measurement from AH line? 6. Can we have the pilings at entrance 10' dimensioned parallel to the construction lines? 7. Can we have the pilings at 33.4 line / AR.8 line dimensioned parallel to the construction lines?	1. The column line should be "Y" instead of "X" to match S1.3P. 2. Column line 32.9 represents the centerline of the 10" CMU between column lines U and AP. 3. No. The pilings should be centered on the masonry column. 4. No. The pilings should be centered on the masonry column. 5. Yes. 6. See attachment. 7. See attachment.	6/22/10	6/22/10
19	20	Telamon	06/15/10	Reference the drawing listed above and clarify the following... In the south parking lot, reference the narrow island that meets the existing drive... These elevations do not seem right. There is a 12" curb at the north west side and a 10-13/16" curb in the middle and a 6" curb at the south end. Also, the new asphalt elevation and existing asphalt elevation have a 3" difference. Are these elevations the design intent?	Refer to attached referenced Drawing RFI No. 19 for revised grading along the narrow curb.	6/22/10	6/22/10
20	21	Telamon	06/18/10	(1) Reference the pilings at Line 42 and 45 just west of Line D, please provide dimensions east and west from construction lines. (2) Reference the 3 piles at Line AJ and 50... are these piles a typical 3 pile layout? Also, please provide dimension north/south and east/west from construction lines (3) Reference the pile at Line X, third in from the south side of Area C... please provide dimensions north/south. (4) Reference between line 37, 38, 39, and 40... the dimension and hatching are not clear. We believe one of the 14'8" dimensions are not needed, please clarify.	(1) Pilings at Line 42 and 45 shall be 5'6" west of column line D (2) Yes, the piles are a typical 3 pile layout. Locate per Detail 14-S1.5 at intersection of column lines AJ and 51 (3) Locate 15'4" north of column line 50 (4) One 14'8" dimension should be 10'4" between lines 37 and 38	6/25/10	6/30/10
21	22	Telamon	06/24/10	Reference Spec Section 086223-Tubular Daylighting Devices, 2.02 Components, Item G. Calls for Daylight Dimmers. However, we are unable to determine if this applied to all or a portion of the units. Please respond with clarification.	The daylight dimmers that are called for in Specification Section 08-6223 for the tubular day lighting devices are applicable to all units.	7/1/10	6/30/10
22	23	Telamon	06/30/10	Would it be acceptable to use 13/16 X 1 1/16 slotted holes in the shear tabs and angle end clips on the columns and beams?	Short-slotted holes (13/16" X 1") perpendicular to the direction of loading will be acceptable at the locations indicated. Per AISC 360, hardened washers to be installed over short-slotted holes in an outer ply.	7/7/10	7/7/10
23	24	Telamon	07/02/10	Reference the Tubular Daylighting Devices & clarify the following: How many power supply/key pads will be needed? The key pads can operate up to 10 daylight device i.e. if a class room has 4 Sun Tunnels in it, we assume the owner would only want 1 switch to operate the daylight controllers vs. 4 individual switches	Please provide the minimum number of power supply/key pads required per room. For example, if a classroom has 4 day lighting devices in it, please provide only one switch to operate the device vs. 4 individual switches.	7/9/10	7/7/10
24	25	Telamon		Reference Drawings RA6.4 Details 2, 3, 4, 5, 15, 19 and RA6.5 Detail 20 Show Foam Board at the window jambs. This design will not meet ABAA requirements unless we put air barrier membrane behind the entire sheet of foam board. Also, Reference Drawings A05.02 and A05.03 that Show foam board at some wall sections and not the spray foam. Is it the intent to spray these areas? We suggest that these areas receive spray foam with required membrane. This would come at no additional cost.	Per our drawings RA6.4 details 2, 3, 4, 15, 19, and RA6.5 detail 20, we have shown an air barrier membrane behind the entire sheet of rigid insulation. Refer to attached referenced drawing for an enlarged view of the detail which will be typical to all locations inquired about. Also, Drawings A5.2 and A5.3 are to have the rigid insulation as well and not the spray foam.	7/14/10	7/21/10
25	26	Telamon	07/14/10	Reference PR #2, please color code Proposal Request #2 for TRP-1? Clarification is needed for exactly where TRP-1 material is on all elevations	Refer to attached reference Proposal Request Drawings 2.2 thru 2.4 for highlighted areas indicating where exactly the TRP-1 is to go.	7/16/10	7/21/10
26	27	Telamon	07/14/10	Regarding approval comments on the return Embed and Lintel Shop Drawings: The approver made comment on the lintel plan that they would like the LHS lintels attached to the columns in Area C (NCF E6, 7, and 8). These are double angle lintels. What method would the approver like to use to attach to the columns? Please provide detail for this attachment	Attach double angle lintels to column in the field with 3/16" fillet welds. Minimum length of weld shall be 3" on each side of vertical leg.	7/21/10	7/21/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
27	1-Mech	Warner	07/15/10	With reviewing the mechanical and structural drawings in the Production Lab A103, the location of the roof framing for the "Tubular Lighting Device" is not located directly over the light diffuser located in the ceiling as shown in Room A102. Hence the tube must offset thru another joist space to hit the light diffuser in the ceiling. If this is the way in which the "Tubular Lighting Device" is to be installed, it will not allow for ample space for the ductwork. If the "Tubular Lighting Device" were to be installed like Room A102 in which the roof assembly is directly over the ceiling light diffusers, then this would allow for duct to pass. Please advise if the "Tubular Lighting Device" in Room A103 can be installed as Room A102. If it cannot, advise duct layout.	The roof framing in Room A103 on Sheet S2.1 needs to be adjusted. Please relocate the roof framing to be directly above the light tubes, like Room A102, allowing for the duct work to pass through.	7/21/10	7/19/10
28	1	Lake Erie Elec.	07/16/10	Dimensions are needed for proper layout of floor boxes in rooms: A104, B139, C136A, C128A, C116, C121, C230A, C223A, C213, C217, C330A, C323A, C313 and C317.	See dimension drawings that are attached	7/21/10	8/4/10
29	28	Telamon	07/20/10	In Addendum #2 (Sheets S2.4 and S2.5), there were floor frames added between lines 34 and 36 at four locations for a total of eight openings. Please provide size and exact locations of these openings.	See architectural addendum #2 drawings for size of chase	7/27/10	7/21/10
30	28	Telamon	07/22/10	Reference Addendum #2, Drawing A4, Damp proofing... Pursuant to John Keller's request after the July 7th weekly progress meeting, where Telamon was asked to use a clear damp proofing material top be applied to the exterior of the exterior below grade CMU. Please review the attached material spec and respond.	The material spec for the below grade clear damp proofing material Siloxane WB Concentrate, by Prosocon, is not acceptable for use on this project. It is not suitable for below-grade applications. Either a suitable spec can be found or a below grade damp proofing to match the CMU may be used. Please resubmit new specifications.	7/29/10	7/27/10
31	30	Telamon	07/22/10	RE approval comments for Area C Structural Steel: Beam Mk#139B9 was changed from W16x31 to a W18x40. These beams are shown on the Contract Drawing S2.5 @ column lines M between 35 and 36 and 47 and 50 as W16 x 31. Our Erection Drawing showed them incorrectly at W18x40. Should these beams remain as W16x31 or is it the intent of the Engineer to change these beams to W18x40?	The beams shall be changed per the attached drawing.	7/29/10	7/28/10
32	31	Telamon	07/29/10	RE approval comments for Area C Structural Steel: NOF Erection Drawing E9, Beam Mk# 116B2 @ Line 38 between lines B & D was changed from a W21 X 62 to a W21 X 73. Our detail sheet 116 does not show this beam changing in size. Per the bid drawing sheet S2.4 this beam was shown as a W21 X 62 and we find nothing in the addendums that changed this beam. Should this beam remain a W21 X 62 or is it the intent of the Engineer to change this beam to a W21 X 73?	Change referenced beam size from W21 x 62 to W21 x 73 as indicated on attached drawing.	8/5/10	8/9/10
33	32	Telamon	08/03/10	Reference a portion of Drawing S3.2 (attached). Identify the two dimensions requested at each end of the wall and also provide the radius desired.	Refer to attached referenced drawing for requested dimensions. The radius of the curved wall is 1334" and the length of the side walls are both 1' 8-1/2"	8/10/10	8/9/10
34	33	Telamon	08/09/10	Embedded plates for joist bearing are to be galvanized. This will make for a less than perfect weld between the steel and galvanized plates....we would like to submit an RFI to eliminate the galvanizing only for these embedded plates. This would allow for a better mechanical bond from steel to plate. Due to the plates already being produced, it would be an add in cost of \$8,407.35 (see attachments).	Galvanized bearing plates are only required for galvanized exterior steel lintels	8/13/10	8/9/10
35	1-PLUMB	Warner	08/09/10	Sump pump pit detail on Drawing P2.5 shows a 24" diameter X 9' deep pipe for sump to sit in. Can we substitute concrete pipe with 24" Sch. 40 PVC pipe? Please advise.	Yes, PVC pipe may be substituted for the concrete pipe.	8/16/10	8/10/10
36	1	Lake Erie Elec.	08/09/10	Sheet E6.3, Note 5 shows a smoke detector LED indicator in the elevator lobby of each floor. There is an LED on each smoke detector base. Is an additional LED indicator required in addition to the LED on the smoke detector?	The LED indicator is to serve concealed smoke detectors in the shaft and machine room.	9/13/10	8/11/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
37	2	Lake Erie Elec.	08/09/10	Sheet E6.3, Note 6 refers to a temperature control panel with a control module. Do the relays control low voltage inputs or are the inputs 120V or greater?	Coordinate with M.M.S. Purveyor	9/13/10	8/11/10
38	3	Lake Erie Elec.	08/09/10	Sheet E6.3, note 13 refers to a door release with a control module. Is the door release hardware low voltage device or 120V or greater?	Coordinate with Fire Door Purveyor	9/13/10	8/11/10
39	2	Lake Erie Elec.	08/09/10	Can the finish grade and top of slab elevation be verified in the mechanical courtyard so that the utility transformer vault can be properly set?	The top elevation of the drainage stone at the south end of the mechanical yard is to be set at 623.45 and allowed to taper down to 622.85 at the north end. The concrete slabs for the mechanical and electrical equipment are to be set at 623.60.	9/16/10	8/9/10
40	34	Telamon	08/10/10	Reference Drawing G3.1, the striping for the drive on the west side of the site... The stripe in the center of the road is to be white (per note #18). This indicates one-way traffic; yellow indicates two-way traffic. Please confirm the design team intention. Additionally, the new road does not have striping called out. Please confirm the intent to not have striping.	For the drive on the west side of the site, the stripe in the center of the road where two-way traffic is required shall be yellow. A proposal request will be issued for the new road that does not have striping.	8/17/10	8/24/10
41	2-Mech	Warner	08/16/10	See attached sketch AHU-B201 is only 2'10" off of the top of the staircase shown which makes it only 2'4" to the actual start of the pad that the AHU sits on from the top of the staircase. Then located on the unit on the side of the staircase is the outside air connection shown as "OA" on the side of the sketch this of course when the ductwork is drawn will even protrude even further into the bottom of the staircase landing. The issue will stop work in and around the mechanical room for both penetration and coordination drawings. Everything could fit; however, manufacturer wants 8' and walking around it may require crawling.	AHU-B201 coil pull clearances were discussed with York/JCI. The unit is to be provided with right-hand side coil pulls, in lieu of the left-hand side coil pull as indicated on the construction documents. This configuration will allow for AHU-B201 to be located 60" from DOAS-B201--allowing AHU-B201 to be moved closer to DOAS-B201 by 30" and still maintain all unit clearances are recommended by unit manufacturers. This will place AHU-B201 house/keeping pad a distance of 54" (min.) from the top of the staircase. Also note that the outside air connection as indicated in the coordination drawing does not match unit arrangement on the construction documents. York/JCI to resubmit with acceptable layout per FHAL shop drawing comments.	8/23/10	8/17/10
42	35	Telamon	08/17/10	Reference Drawings G3.3, RG3.2, and G3.1 compared to the "post and chain barrier" detail on Page RL1.1. Note 19 on the drawings referenced above references the Detail on RL1.1. However, most all of the locations referenced on the drawings show the bollards clearly outside the curb line. Please confirm the engineers intent to have ALL the bollards set per the "post and chain barrier" detail on RL1.1.	The post and chain detail on RL1.1 applies to the two locations east of the school for the fire access lane. All other incidents of the post and chain detail are to have the bollards outside of the curb line. Refer to marked up reference drawing for location of the two east of the school.	8/24/10	8/19/10
43	3-Mech	Warner	08/23/10	Steel Duct Conflict on M2.2 and SM-01-B-3. On sheet metal coordination drawing SM-01-B-3 in Corridor B743 there are two transfer air openings as well as an 18" round outside air duct that is through the bond beams.	Refer to note on Sheet S3.2 to step bond beam below mechanical	8/30/10	8/23/10
44	37	Telamon	08/24/10	Regarding SS pre-erection mtg. 8-18-10, there was a comment made by the architect regarding the edge condition at the 2nd and 3rd floors of Area "C" indicating that there was an angle pour stop shown. After further review of the section cuts through these areas on the drawings, we find no indication of anything of the edge of these floors. The only place showing any type of edge angles is at the roof where they call out a 1/4" bent plate continuous in Detail 1/S2.11. Please confirm our understanding..	Angle pour stops are shown on typical floor edge connection Details 3, 4, and 5 on Sheet S2.9	8/31/10	8/24/10
45	38	Telamon	08/25/10	Drawings RA6.4 details show foam board at the windows at storefronts and curtainwall area. This design will not meet ABAA requirements unless you put air barrier membrane behind the entire sheet of foam board and an ABAA contractor must do the installation. In our bid, we proposed the window areas as a flash coat of spray foam with required membrane at joints which may or may not pass. We would like the architect to contact Gale Associates, the ABAA testing company, and have them review the plans. See enclosed window sill detail with comments.	Refer to RFI #24 where this item was previously answered. Also refer to the drawing for that RFI (Drawing No. R2#24). A copy of the response to RFI #24 is attached.	9/1/10	8/27/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
46	4-Mech	Warner	08/25/10	The classrooms that are located in the four corners of the building (209, 212, 221, 232, 309, 312, 321, 332) on the drawings indicate to have the ceilings pitch from 10°8' to 9°0'. Typical of all the rooms in the corners are windows located on both the outside walls that if the ceiling is allowed to pitch as indicated would have the ceiling cross the opening of the window. It appears as a 9° flat ceiling would allow for the duct in the rooms as well as maintain the ceilings above the windows.	Refer to Addendum #2, addendum drawing A5. In the four corners of the building on all three floors, spandrel glass is to be at the following locations only: Window Type 'A' on west elevation rooms C126, C138, C221, C232 and Window Type 'A' on east elevation in Rooms C112, C115, C209, C212, C309, and C312. Therefore the ceiling crossing the window would not be visible to anyone.	9/1/10	8/26/10
47	39	Telamon	08/30/10	We do not feel that the details that FHA is trying to apply to RFI #44 response is correct. These detail sections clearly show the masonry wall on the outside of the concrete slab. If you look at the sections through this are of the building (example 1/S2.11) the masonry wall sits on top of the slabs with no indication of a pour stop of any kind being installed along the slab edge. We also find conflicting information within the documents in Detail 17/S2.8 titled similiary (deck edge connection) indicating this would be light gauge material by the deck manufacturer. With this all said, NCF would like to remain a team player on this project, but wants to be treated fairly as well. We respectfully submit for consideration the use of a 4 X 4 X 20ga. pour stop angle to be used in this application as the slab only extends 3/8" past the edge of the beams.	The 4 X 4 X 20 gauge pour stop is acceptable.	9/1/10	8/30/10
48	40	Telamon	09/21/10	1. Provide size of HGS hanger. Detail 8/S2.7 only lists HG4, 6 and 8. No 5 is listed in schedule. 2. Will the attachment to the W16x31 above be a field welded condition? If so what weld will be required for the welding of the cap plate of the HG5 to the bottom of the existing beam? 3. Will the stiffener plates be required in the W16x31 beam above as shown in a typical detail 8/S2.7? If so, we assume these will be field welded in place? 4. How does the W18x50 frame in to the HG5? Will this be a bolted shear connection? 5. We assume we will need to pick up the existing beam current on site and cut beam to new length and apply any required rework to this beam.	(1) HSS5x5x1/4; (2) Bolted condition as shown on Detail 8-S2.6; (3) Yes as shown on 8-S2.6. Field welded is acceptable; (4) Bolted shear connection	9/28/10	9/23/10
49	2	Warner	09/23/10	Both chases in Rooms 335, 318, 309, 235, 218, and 209 show that they are 2'-8"wx2'deep. In order to fit plumbing pipes 3'drain, 2' vent, 1' hot and 1' cold water and the sheet metal duct is 24"wx10" deep. The chase would have to 1) Change to 42" wide chase or 2) Change duct to 18x16 and change chase to 3' wide (see sketch).	Per a phone conversation between Matt Sudhoff of Fanning/Howey and mark Hutz of Warner Mechanical, the chase is to remain the size as indicated on the construction documents. The ductwork located in the chase will be modified to be 14"wx18"H which will allow enough space for insulating of ductwork and pipe routing. The floor penetrations and chase framing will be coordinated as required to accommodate the new sizing. Mark of Warner Mechanical will further review the proposed ductwork sizing change along with coordination drawings to ensure no other conflicts exist. Any other conflicts will be submitted by RFI for Fanning/Howey review and comment.	9/29/10	9/24/10
50	42	Telamon	09/24/10	It has been discovered in one anchor bolt location that we lack enough penetrating anchor to completely attach the nut. We propose welding the top of the nut to the bolt in this location. Please respond with approval.	Welding top of nut to the bolt is acceptable. Provide additional length of anchor bolt and use a full penetration weld to existing bolt to have anchor past end of nut. Add a minimum 1/4" plate washer to keep nut above weld.	9/29/10	9/28/10
51	3	Lake Erie Elec.	09/28/10	We could not locate a typical generator pad detail in the drawings. Does Fanning Howey have a typical layout for the generator pad or will the attached proposed pad detail be acceptable?	Refer to Detail No. 3 on Drawing Sheet S1.5	10/3/10	9/30/10
52	43	Telamon	09/30/10	When looking at the spec and the approved submittals, we have found a discrepancy. The aluminum windows were approved with clear anodized finish and the storefront/curtain wall/frp doors/aluminum doors are all submitted (waiting for approval) to be Champagne anodized finish. The problem is, some of the aluminum windows are going into our curtainwall system which will give them a clear window into a champagne frame. please verify our colors for each of these sections.	All aluminum windows should be changed from clear anodized finish to champagne anodized finish. All storefront/curtain walls/frp doors/aluminum doors/ssum control devices should also be champagne anodized finish.	10/4/10	10/1/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
53	44	Telamon	09/30/10	Referencing the HGS hangers at the bottom of the existing W 16 x 31 that are already in the air. Response to RFI 48 Item 2 said to use a bolted connection. We are requesting that this be a welded connection as this will save the owner money not having the erector field drill these holes in the existing beam. Please advise with approval.	The HGS hanger can be field welded to the beam that is in place. Provide 1/4" fillet weld all around plate to beam connection.	10/4/10	10/7/10
54	45	Telamon	09/30/10	Reference Addendum #2, Item #84 pertaining to page 16.3 of the contract documents. Please confirm the design team's intent to NOT have any of the interior hollow metal frame heads grouted solid. The drawings call out the jamb only.	Door heads are not to be grouted.	10/4/10	10/11/10
55	46	Telamon	10/01/10	We are concerned about the long windows in the roof monitor framing. The windows are 18'-0" and it looks like the EOR has not provided any structural steel support for this or even looked at the overall stability of the whole roof monitor system. This is not feasible to build with total light gauge framing as the Architect and EOR show in their sections. We would need the EOR to take an additional look at this and provide structural steel framing for the window openings. We can design shear walls in the side and back walls for stability.	A Proposal request will be issued in response to this RFI.	10/4/10	10/5/10
56	3-PLUMB	Warner	10/6/10	Acid neutralization tank says see plumbing equipment schedule for tank capacity. Drawing P3.1 plumbing fixture schedule does not have an acid neutralization tank or capacity	Acid Neutralization Tank design based on Schier Model #TG-21. Total liquid holding capacity of 1.5 gallons, 1-1/2" FPT connection, High Density Polyethylene. See Specification Section 22-6800 for further requirements.	10/13/10	10/15/10
57	47	Telamon	10/6/10	Reference the following questions from Structural Steel Fabricator in response to PR #23. 1) Due to the non-clarity of the overall sketch 23.1 it is difficult to read the dimensions showing the spacing of the 4 x 4 x 1/4 post proposed. It would appear that this dimension is 19'-4" c/c. If this is correct, there is a conflict in the number of posts required as shown on Sheet 23.3 and Sheet 23.1 cannot be correct. Please clarify. 2) The referenced detail for the bottom plate of the posts 8/52.7 shows these to be bolted to the beam below. If this is the case, I want to be sure that heritage is pricing the field drilling of these beams as they are currently being erected on site as we speak and will be complete before this RFP will be approved. It would seem to me that welding these posts in place would be a more efficient means and less costly means to the owner. Thoughts?	The spacing between posts is 19'4" and each post is to be centered between the windows of the monitor. There are four spaces at 19'4" to equal 77'3". Field welding posts to the beam is acceptable. Provide 1/4" all around fillet weld to weld post to the beam.	10/8/10	10/6/10
58	48	Telamon	10/6/10	Per SS Fabricator: The erector requested clips for the termination of joist bridging for the High Roof Area over the Gym in Area B. A detail cannot be found on the design drawings that apply to this application. Please provide a detail as to how the bridging is to terminate in to the masonry walls in all areas.	Per Specification Section 05-2100-Steel Joist Framing, the bridging and bridging anchors are to be included with the steel joists.	10/8/10	10/7/10
59	5-MECH	Warner	10/7/10	Our roof curbs have been approved, ordered, and received with an overall height of 13'1/2". Please clarify desired height requirements including if curbs are to be installed onto the deck, or one or two layers of wood blocking.	The contractor is responsible to coordinate with the other trades. They must verify the extent of the layers of insulation /roofing material and the pitch of the roof. The contractor must maintain the 12" from the bottom of the fan to the closest top layer of the roofing system and provide the necessary blocking to ensure that the curb is plumb and that there is 12" clearance from the bottom of the aluminum fan housing to the roof.	10/14/10	10/14/10
60	4-PLUMB	Warner	10/8/10	Drawing indicates Columbia Gas will be delivering 10# gas to new middle school. After meeting with Columbia Gas on 10/7/10 we were advised they will only be delivering 2# gas to building. Is 3" underground from meter to building sized properly due to lower gas pressure?	A Proposal request will be issued in response to this RFI.	10/15/10	10/15/10
61	49	Telamon	10/12/10	Reference the attached engineered stamped sketch showing the acceptable fix for the long span joist in the gym area to allow our beams to bolt up correctly. Respond with approval.	Proposed correction is acceptable.	10/15/10	10/15/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
62	50	Telamon	10/12/10	Regarding the sunshades at the Unit D windows by Moduline, at Bldg. C, the south elevation, we have confirmed that Modulines vertical mullion cannot support the load as drawn, this happens at three locations. We would like to Architect to review adding a steel tube to support the bracket shown on Industrial Louvers shop drawings. We would then clad the steel tube, and revise our shop drawings for the "D" Windows. Also, the bracket length at this location should be less in projection than the end brackets, since the face of our window will be closer to the face of the brick than the face of masonry will be. Our latest returned shop drawings were marked by the Architect to make this project out dimension at 7 3/8", which is larger than the 6 3/8" which is shown on the brackets that are fastened to the masonry.	We accept this proposal. Please coordinate with Moduline and create a detail for our review of the condition between the window and the sunshade.	10/15/10	10/15/10
63	51	Telamon	10/13/10	Can brick, block, concrete clean outs, and stone/gravel be used as recyclables in the concrete dumpster?	Yes, brick, block, concrete clean outs, stone or gravel can be put together in the concrete dumpster and the contents can be either crushed on site or recycled or "off-site."	10/15/10	10/15/10
64	6-MECH	Warner	10/19/10	Requesting clarification and direction on the control of water chillers. Per conversations and coordination with the chiller equipment manufacturer, it has been identified that a "chiller interface panel" is not being provided by the manufacturer for the control of the chillers as originally specified within the project sequence of operations (section 230993, 1.5, F). As a result chiller sequencing, control of isolation valves, and lead/lag operation will have to be performed by the building automation system (BAS). Flow switch interlock and integration between each chiller and the BAS shall remain as specified. We are requesting that the water chiller sequence of operations be revised in consideration of the statements noted above to clearly determine the responsibilities between the BAS and internal chiller control panel. Please advise. RECOMMENDATION: Allow the Building Automation System (BAS) to enable the lead chiller (and associated isolation valve) based on occupied/unoccupied, outside air temperature, and inside air temperature/RH conditions...as already indicated in the project sequence of operations. Lag chiller (and associated isolation valve) to be enabled based upon lead chiller operating status, time delay, and chilled water supply temperature deviation from setpoint. BAS to determine number of chillers required and lead/lag rotation. Once enables, respective chiller shall automatically	After discussions with Johnson Controls, it was determined that the chiller manufacturer is unable to provide a factory control panel capable of performing lead/lag between multiple chillers. Therefore, the recommendation provided in the RFI is an acceptable sequence for the chilled water plant. The control of the isolation valve, and lead/lag operation are to be performed by the building automation system (BAS).	10/22/10	10/27/10
65	52	Telamon	10/19/10	Please see the Aluminum & Glass subcontractors understanding of the color selections and confirm: 084113 - Storefront Frames - Clear Anodized, 084413 - Curtain Wall - Clear Anodized, 085113 - Aluminum Windows - Clear Anodized, 107113 - Exterior Sun Control Devices - Clear Anodized. The other sections 081116 Aluminum Doors, 081117 Flush Aluminum Doors, 081613 FRP Doors list in the spec to be Champagne Finished.	What is stated in the RFI is correct for the colors of the items.	10/22/10	10/20/10
66	53	Telamon	10/21/10	1.) Spec sections 081613 FRP doors, 081116 aluminum doors, 081117 Flush Aluminum doors - are listed to be champagne, it is my understanding that the FRAMES for these doors will be clear anodized, which will match our curtain wall and storefront framing. Please Verify. 2.) Spec Section 081613 FRP doors - the doors are to be Champagne painted, (pending sample approval), however the aluminum components of these doors can be Champagne finish (I submitted this finish as well) or Clear Anodized finish. Please Verify. I also am including the product data for the Special-Lite FRP doors so you can tell which aluminum components I am referencing.	All items listed below are to be finished in a Clear Anodized Finish. FRP Doors are to be painted to match Clear Anodized and the aluminum components should have a Clear Anodized Finish. Aluminum Windows, Storefront Frames, Curtain Wall, FRP Doors, Aluminum Doors, Flush Aluminum Doors, and Exterior Sun Control Devices	10/24/10	11/12/2010 & Revised 11/2/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	AE's Response	Requested Response Date	Actual Response Date
67	7-MECH	Warner	10/27/10	<p>Per specification section 238313-2.2 (Active Chilled Beams-ceiling mounted) and sheet "ME.2-Mechanical Schedules (Active Chilled Beam Schedule)" there is no border style specified for these units. Trox USA offers either flat or legular border styles. If legular is the preferred style please verify if 9/16" tee bars are being applied. If flat and legular styles are both applied in different locations please verify which locations and specifically which chilled beams require which borders. Please reference Specification Section 238313-2.3-C (Cabinets)-1: The specification refers to a color chip being provided. Trox USA only offers 5 colors to choose from (off white, beige, light gray, dark gray &amp; bronze-color brochure to be provided), they do not match or apply custom colors. Please reference Specification Section 238313-2.3-C (Cabinets)-2: Please verify if architectural covers are required to be applied to the chase spaces. If so please verify quantities and dimensions. Please reference Specification Section 238313-2.3-D (Filler Section)1: The specification states to "install horizontal filler sections where indicated on M3 piping drawings." Per sheet "M3.2-First Floor HVAC Piping Plan-Unit B" there is no specific indication of filler sections. Please verify if these are to be provided. If required please verify quantities and dimensions.</p>	<p>(1) The angle on the side of the ceiling mounted units is to be held up slightly from the bottom face of the unit to match the reveal depth of the legular tile. The rest of the units will be held flush with the bottom of the unit to match the flat ceiling tile. Act 6 is the only legular tile on the project. Refer to the room finish schedule for those room numbers. Make the wall angle 1/4" higher on the side of the unit heaters where act 6 is depicted on the room finish schedule. (2) Units to be attached to custom color RAL Color 7006 Beige Gray as specified. Refer to attached Trox Color sheet Note #3 for manufacturers capabilities. (3) Architectural covers are not required. The model numbers listed in the specifications are not representative of the layout on the Construction Documents. This was discussed with Jeff Garrard and Melissa Cole and arrangement of the units are being addressed through resubmission of shop drawings. All piping and ductwork are being routed through architectural provided chases. (4) Architectural chases are being provided for supply air duct routing. Floor mounted units are to be mounted with a flush fit to these chases. Horizontal enclosures will only be required to provide flush fit with architectural chase, if required.</p>	11/3/10	11/05/10
68	54	Telamon	10/28/10	<p>Per conversation w/ Steve Meyer, Mike Hall, and Touchstone CPM, there is a potential problem with the support of the fire door support beam at the roof level (second floor). On our approved steel drawing E5 we show bearing plates 6BP3 at each end of the W14 x 43 beam that supports the fire door. This was detailed per the Addendum #2 sketch for this area on Sheet S2.3, which would require the pocket walls to be constructed of masonry units. During the conversation it was discovered that these walls have been changed to metal studs, which will not allow the east end of the fire door beam to have any bearing. Steve and Touchstone asked what a possible solution would be to resolve this issue as all of the steel is now fabricated awaiting delivery to your site. Possible resolution: At the roof there is a W8 x 10 beam running North and South. We would suggest replacing this beam with a W14 x 43. This would allow a new W14 x 43 beam (supporting the fire door) to be made long enough to frame into the new North to South W14 x 43. We would have to make a new W14 x 43 to replace the W8 x 10 (Mk # 410B9), make a new W14 x 43 (Mk # 411B2) that would be long enough to frame in to the new 410B9 and change the shear tab on beam (Mk # 411B1) to accept the new W14 x 43 replacement beam (Mk # 410B9).</p>	<p>Install fire door beam per Addendum #2 and attached drawings.</p>	10/30/10	11/1/10
69	55	Telamon	10/28/10	<p>After review of ASI #19, more coordination in the form of drawings and direction from the design team is needed. Please review attached email and drawing.</p>	<p>Stair C132 is ok. The landing size is fine and the door swing still meets the minimum requirements by code. Stair C104 is ok. A Proposal Request will be issued to change Door C104A to a single 38" wide door. This allows this stair to meet all the requirements. The landing size is fine and meets all minimum requirements by code.</p>	11/1/10	11/03/10
70	56	Telamon	10/28/10	<p>In preparing revised shop drawings for the subject job, we have one question that relates to the architects comment number 1, Group 1 needs to be increased to be equal or preferably more prominent than submitted. We show 16 seats and that is what was called for on Sheet A7.7, please advise how many they want us to increase it by.</p>	<p>The middle section of Group 1 bleacher seat number is correct. Please do not adjust. Group 1 is approved as submitted. Please address the other issues with the submittals including showing ADA seats clearly.</p>	11/1/10	11/03/10
71	57	Telamon	11/4/10	<p>The hydraulic submittals were returned to Telamon approved, however, the attached design and finishes sheets were not filled out and the power data sheet was not signed by the electrical engineer. Please complete these forms and return ASAP so that we may release the elevator into production.</p>	<p>See attachment for specific information/details. In addition, please note that a portion of submittal 14-2400 is now marked "resubmit".</p>	11/8/10	11/05/10

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
72	58	Telamon	11/4/10	Reference the NON LOAD BEARING exterior masonry walls on page S3.3. Please confirm what we believe to be a design oversight with respect to the rebar in the masonry lintels over the exterior windows. The wall design calls for one continuous bond beam from column to column at the window head elevation. This bond beam has typical reinforcing that runs the entire length of the wall. However, page S3.3 calls out a type L-10 lintel which has hooked ends that do not run past the 8" bearing on both sides of the window. Please confirm that the reinforcing provided in the continuous bond beam running from column to column will suffice.	The reinforcing in the continuous bond beam is sufficient.	11/4/10	11/05/10
73	59	Telamon	11/11/10	Restrooms B146 and B144 have split face walls on the student dining side, we need to know if these walls are to match stage area with bands of split face 1 (Cayenne). There is no indication of any split face 1 bands in this area. Please respond ASAP.	This wall should not have any banding. It should all be SF CMU-2.	11/15/10	11/16/10
74	60	Telamon	11/29/10	Reference the landscaping shrubs. Please confirm that we may use container shrubs in lieu of ball and burlap at no additional cost to the owner.	The contractor may use containerized material to all shrubs. All trees are to be ball and burlap as indicated on the plant schedule.	12/2/10	12/10/10
75	61	Telamon	11/30/10	Reference pgs. S2.4 & S2.14. Detail 11 of the contract drawings. Review the steel connections and elevations at the intersection column lines "U" & 36. With masonry lintel bearing at 125'-4 3/8", the lintel has no where to bear on column line "U". Please advise how to proceed.	Provide W8 x 18 steel lintel with 3/8" x 13" plate (similar to SL-17) in lieu of the masonry lintel indicated. Bottom of lintel is to be at the indicated elevation. Lintel shall be attached to beam at column line "U" with a double angle connection. Field welding or bolting is acceptable.	12/3/10	12/02/10
76	62	Telamon	11/30/10	Reference pgs. S2.4 & S2.15. Detail 4 of the contract drawings. Review the steel intersection of column lines "A" & 38. The question relates to the cut through detail 4 on S2.15. This cut shows an 8" wall where as we have a 12" wall. Please provide direction on how the CMU are to line up with and bear on the steel & SCD concrete.	Refer to attached for a detail at this location. 12" concrete masonry units are to go from the foundation to the bottom of the steel beam. Above the beam, leave the 8" concrete masonry units as is and provide 4" concrete masonry units as indicated in detail.	12/3/10	11/30/10
77	63	Telamon	12/07/10	We have been informed that the EOR is not placing structural steel in the smaller roof monitors in area "A". We have no problem designing the monitors without the structural steel. Our concern is the stability of the structure. How is the stability of the roof monitor being handled? The side with openings does not have enough room for X-bracing or sheathing. Light gauge framing can not be designed as moment framing so we are not sure what the plan is. Maybe the engineer is designing the sheathing on the roof and sides to provide stability on the three sides. We need to know how the stability is being handled and what and where our design loads are. We need this answered before we continue with the re-design.	The cold formed metal framing needs to be designed for gravity and lateral loads per the specifications.	12/10/10	12/10/10
78	64	Telamon	12/14/10	At the Fremont M.S. Metal wall panel pre-install meeting, we inquired if 18 gauge 1" 5/8ths studs were suitable as a substrate for the metal wall panel cladding. The wall panel contractor assured everyone, it was more than enough & the architect took note. We raised this point for discussion because on the prints these studs are noted as "cold-formed metal framing" & other times as simply "metal studs." As a result, we placed an order of 18 gauge 1" 5/8ths studs. Last week, our supplier informed us that it's impossible to manufacture a 1" 5/8 stud out of 18 gauge steel. That said, is acceptable to use 20 gauge 1" 5/8ths studs as a substrate for the metal wall panels?	Fanning Howey would like the Contractor to contact the professional engineer responsible for the design of the metal wall panels for his input.	12/17/10	12/21/10
79	65	Telamon	01/03/11	Reference the pipe chase directly to the east of Rooms C207 & C307. The floor opening dimensions given on pages S2.4 and S2.5 were followed and installed. However, when following the dimensions proposed on Pages A1.4 and A1.5, the east, south, and west masonry walls end up in the hole by a foot on each wall. Please provide direction.	A Proposal request will be issued to take care of this issue.	1/6/11	1/13/11

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	AE's Response	Requested Response Date	Actual Response Date
80	66	Telamon	01/04/11	<p>During the clean up process after field measuring of the Fabrication Drawings for Stair B129 it was discovered that this stair system was submitted and approved as a concrete pan filled tread and landing system by mistake. The Contract Documents indicated that this stair system should have been open grated bolt on treads with 3/8" Diamond Plate Landing per details 3 and 4/10.04 and 12 and 13/10.05. Should we proceed with the pan filled stairs as submitted and approved or would the open grated stairs be preferred and is resubmission required? Please Advise. Keep in mind that if pan filled are requested, additional costs will be associated.</p>	Please resubmit per contract documents. We do not want concrete pan filled tread and landing system.	1/7/11	1/12/11
81	67	Telamon	01/06/11	<p>Reference area "B" on the contract drawings, specifically the east masonry wall in room B104. The question relates to the make-up of the wall thickness above the lower roof line. The wall extends above the lower roof to the east and has three large windows with masonry below the sill, metal studs above the windows and masonry to the north of the windows. All three wall cuts referenced in this section of wall are different and the wall will bump in and out three times, from below the window to the top of the window and from the windows to the north. We believe that this was not the design intent and offer the following two solutions: 1) Add 3 5/8" metal studs to all of the masonry wall north of the windows and move the MS wall above the windows, out to match the plane of the wall, and 2) Reduce the wall thickness below the window to match detail 17 on A2.3, add 3/4" insulation between CMU &amp; air barrier, and move the MS wall above the windows to match the plan of the rest of the wall. Both options will have costs associated. Please respond with direction ASAP...</p>	The tube steel needs to be moved out 3/4". This will allow the wall below the window and above the window to match up. Also the wall north of the window should be constructed as the wall below the window is constructed so everything matches.	1/9/11	1/12/11
82	68	Telamon	01/06/11	<p>Reference the question below from the signage subcontractor: We cannot find anyone who can do 60" Tall flat cut aluminum letters in 1 piece as well as anodizing them. One manufacturer can quote me 60", 1 piece fabricated aluminum letters with painted finish. Would this be acceptable? Maybe the requester may know of a source for this size and finish but I cannot. Let me know how to proceed.</p>	What is stated is correct and contractor should go with the manufacturer that they said can quote the 60" letters as we have them specified. Per email dated 1/11/11 from Melanie, letters are to be painted, not anodized.	1/10/11	1/10/11
83	69	Telamon	01/11/11	<p>Reference question from the signage subcontractor: Refer to spec section 101400 - page 81 2.6. 1) Please clarify the precise doors and windows to receive emergency room signage. 2) What size should the film be that the 6" characters are on? 3) If clear anodized plates are needed, please provide sizes for the characters and plates...</p>	Refer to Dwg. Sheets A1.1, A1.2, A1.3, A1.4, and A1.5 for exact doors and windows to receive the emergency room signage. This is indicated by keynote 22. The film that the 6" characters are on should be 8" high and long enough to fit all the letters/numbers. Clear anodized plates are required at fiberglass reinforced plastic doors. The characters should be 6" high and the plates should be 8" high and long enough to fit all the letters/numbers.	1/4/11	1/13/11
84	5-PLUMB	Warner	01/13/11	<p>There is no specification for gas piping in wall for teacher prep table in lab rooms. We would like to use flexible gas file pipe. See attached spec sheet. Please advise</p>	The use of flexible gas tight pipe is acceptable for gas piping in wall for teacher prep table in lab rooms. Contractor shall follow manufacturer's installation instructions. An ASI will be issued with the specifications.	11/17/11	1/19/11
85	6-PLUMB	Warner	01/13/11	<p>Kitchen equipment manufacturer drawings, item #61, calls for garbage disposer with 3" or 2" drain. There is nothing shown on our plumbing drawings. Please advise. If needed we will need a bulletin.</p>	We show connection M61B on our FS.2 drawings. The Plumbing Contractor should be utilizing the K.E.C.'s rough-in drawings for his information and dimensions, not the Construction Drawings.	11/17/11	1/17/11
86	70	Telamon	01/17/11	<p>Reference elevation #6 on Page A3.3. What building letters are being eliminated in place of the 6" "F" "M" "S" which is addressed in Proposal Request #36?</p>	On Drawing Sheet A3.3, Elevation 6, the building letters on the right end of the elevation indicated by Keynote 17 are now to be 60" tall "F" "M" "S" which is addressed in Proposal Request #36 (RFP #61).	1/20/11	1/18/11

RFI #	Contractor Ref #	Prime	RFI Date	Contractor's Request & Recommendation	A/E's Response	Requested Response Date	Actual Response Date
87	71	Telamon	01/17/11	Reference correspondence and (2) related sketches from Telamon's structural steel engineer concerning relocation of structural tube hangers.	The proposed solution is not acceptable. The following are acceptable solutions: (1) Relocate the HSS12 X 8 tube to be 14" instead of 17" from the centerline of the adjacent floor beam. This would require the center of the HSS4 X 4 hanger to be moved to be 1" from the center of HSS12 X 8 toward the adjacent floor beam. Results in a total change of 4" of the HSS4 X 4 to accommodate the stair. (2) Modify the stair and handrail to be 4" shorter to accommodate current field conditions. All borders on all sign types should be eliminated so that it will not impact the size of the required text and pictograms. The "FMS" text style should be Varsity and made to fit the sign so it will not impact/interfere with the required size of the text and pictograms. Please submit a physical sign sample based on these responses.	1/21/11	1/19/11
88	72	Telamon	01/24/11	All signs: 1) What is the thickness of the upper/left borders? 2) What font size should be used for the "FMS" in the upper left corner? Types "B", "C", "D", & "E" signs: 1) In the upper right corner above the borders, a total of 2-3/8" is needed for the 1" room numbers and the accompanying Braille. Should the left border match this same size? This will impact the size of the lettering /numbers that will fit. Types "C", "D", & "E" signs: 1) The sign size is not in compliance with the attached 703.6.1 ADA spec. How should this be addressed relative to the above.		1/27/11	1/24/11
89	73	Telamon	01/25/11	In response to the design teams response to RFI #78, we spoke with Randy Holton, Staff Engineer at DMI, regarding the 1-5/8" steel studs. He cannot "sign-off" on the 20-gauge 1-5/8" steel studs. He feels that they will support the panel, but has directed us to let the engineer of the building make the decision. We don't know the snow/wind load to determine if that stud will be adequate for the project.	The design which includes materials and configuration is up to the light gage contractor. The contractor needs to have their engineer design something that will serve our building design intent.	1/28/11	2/9/11
90	74	Telamon	01/26/11	Please confirm that the remaining letters shown on elevation 6 for keynote 30 are to be Cast Aluminum Letters, 15" Arial Font, Clear Anodized, to read all caps: FREMONT MIDDLE SCHOOL and how will it read, 1, 2, or 3 lines and spacing between lines.	The remaining building letters on elevation six are to be of the same type as the "FMS" on the other end of the building. They are to be sans-serif font as indicated in PR #36. They are to be placed as indicated on the construction documents. "Fremont" will be on the top line and "Middle School" will be on the bottom line with 6" of space between lines.	1/28/11	1/27/11
91	75	Telamon	02/10/11	Per the design teams response to RFI #89, please provide the design teams intent. We do not have a clue as to their intent and need direction on how to proceed. If still unclear as to what we need, please call to discuss as the issue needs resolved ASAP to avoid further delays in construction.	The design requirements for cold formed framing can be found in Specification Section 054-000-Cold-Formed Metal Framing parts 1.3, 1.4, Section 1.4A.1 states "For cold-formed metal framing indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation. The design calculations are the contractor's responsibility to be included in the shop drawings as part of the submittal. Lake Erie has permission to relocate ATS-1 to the east wall of A121 to achieve 3' clearance per code.	2/14/11	2/18/11
92	4	Lake Erie Elec.	02/17/11	ATS #1 is to be mounted on the outside wall (south side) of Electrical Room 125. This will not allow the transfer switch to meet the minimum clearance requirements. What color is to be used for the tele/data device plates?	Submit samples of manufacturer wall plate colors for Owner and Architect evaluation and selection.	2/22/11	2/18/11
93	5	Lake Erie Elec.	02/17/11	Be advised of the following manufacturer changes. Formica has discontinued 7741-58 Buffered Nickel. 7949-58 is called out as Wilson Art laminate, however, the 58 finish is a Formica designation. The standard finish for 7949 is #18 a premium finish and is available in a #38 finish which is special order and is not premium. It can be ordered with a #1 or #7 finish which are both premium finishes.		2/22/11	2/18/11
94	76	Lake Erie Elec.	02/17/11			2/21/11	



# Touchstone CPM Report

## Change Order Log

Fremont New Middle School - 45-08-0018

45-08-0018

LOG#	Vendor	CCO	Description	Prime	Date	Amount	Status	Reason	Date	Initiated By
001	001	-	REV. PR #1 Expansion joints and expansion joint cover plates	Telamon Construction, Inc.		\$17,442.00	Reviewing	1a		RFP
001	001	-		Telamon Construction, Inc.		\$20,260.00	Not Approved	1a		RFP
001	001	-		Telamon Construction, Inc.		\$23,996.00	Not Approved	1a	6/23/2010	RFP
002	001	-	PR #2 Draft curtain around Stair No. C102	Telamon Construction, Inc.		\$44,120.00	Not Approved	1a		RFP
002	001	027		Telamon Construction, Inc.	1/14/2011	\$10,712.00	Routing	1a	6/23/2010	RFP
003	001	006	PR #3 Add an accessible loading zone sign	Telamon Construction, Inc.	11/4/2010	\$357.00	Executed	1a	6/23/2010	RFP
004	001	005	PR #4 Change the swing of doors C201A and C301A	Telamon Construction, Inc.	9/2/2010	\$549.00	Executed	1a	6/23/2010	RFP
005	001	007	PR #5 Provide a sign stating: AREA OF REFUGE	Telamon Construction, Inc.	11/4/2010	\$572.00	Executed	1a	6/23/2010	RFP
006	007	-	PR #6 Add two data cables and "Area of Refuge Call System"	Lake Erie Electric of Toledo, Inc.		\$9,775.00	Not Approved	1a	6/23/2010	RFP
007	001	001	PR #7 Modify Spec Section 142400, Hydraulic Elevators	Telamon Construction, Inc.	7/29/2010	\$4,083.00	Executed	1a	6/23/2010	RFP
008	-	-	PR #8 Modify Specification Section 275116				Not Applicable	1a	6/23/2010	RFP
009	001	008	PR #9 Replace Specification Section 074213	Telamon Construction, Inc.	11/4/2010	\$2,630.00	Executed	1a	6/23/2010	RFP
010	001	009	PR #10 Replace integral blinds CW11 -CW12 w/ roller shades	Telamon Construction, Inc.	11/4/2010	\$3,948.00	Executed	1a	6/23/2010	RFP
011	001	010	PR #11 Add six (6) window type "C" at locations indicated	Telamon Construction, Inc.	11/4/2010	\$17,605.00	Executed	1a	6/23/2010	RFP
012	001	035	PR #12 Change jamb depth & head detail - Doors B103A & B103B	Telamon Construction, Inc.	2/11/2011	\$0.00	Routing	1a	7/22/2010	RFP



**Change Order Log**  
45-08-0018

Fremont New Middle School - 45-08-0018

LOG#	Vendor	CCO	Description	Prime	Date	Amount	Status	Reason	Due	Initiated By
013	007	001	PR# 13 Area of Refuge Center & Emergency Phones	Lake Erie Electric of Toledo, Inc.	9/2/2010	\$9,591.00	Executed	1a	7/22/2010	RFP
014	001	003	Brick Upgrade (From Glen-Gery to Belden)	Telamon Construction, Inc.	9/2/2010	\$12,000.00	Executed	6		RFP
015	001	004	Temporary site fence	Telamon Construction, Inc.	9/2/2010	\$4,063.00	Executed	2		FWO
016	001	033	PR#14 Delete Damp Proofing (below grade) and add Thoroseal	Telamon Construction, Inc.	1/19/2011	\$0.00	Routing	1a		RFP
017	001	002	Masonry foundations for Area C	Telamon Construction, Inc.	8/26/2010	\$2,265.00	Executed	1a		FWO
018	007	A01	AEP (Temp. Elec.)	Lake Erie Electric of Toledo, Inc.	9/2/2010	\$513.00	Allowance	1a		ALL
019	001	011	PR #15 Add door frame elevation Type A4 (A126B and A131B)	Telamon Construction, Inc.	11/4/2010	\$730.00	Executed	1a		RFP
020	001		Changes to Drawing G3.2-Enlarged Layout Plan	Telamon Construction, Inc.		\$2,712.00	Reviewing	1a		RFP
021	001	016	PR #17 Provide Structural Changes	Telamon Construction, Inc.	11/19/2010	\$22,003.00	Executed	1a		RFP
022	001	012	PR #18 Chase Size & Equip. Layouts in C112, C123, & C141	Telamon Construction, Inc.	11/4/2010	\$897.00	Executed	1a		RFP
023	005	001	PR #19 Plumbing Changes	Warner Mechanical	11/19/2010	\$11,383.00	Executed	1a		RFP
024	001	013	PR #20 Structural Changes	Telamon Construction, Inc.	11/4/2010	\$3,507.00	Executed	1a		RFP
025	007	002	PR #21.1 Revised Floor Boxes - Conduit Installation	Lake Erie Electric of Toledo, Inc.	11/19/2010	\$4,995.00	Routing	1a		RFP
026	001	014	PR #22 Site Utilities - North	Telamon Construction, Inc.	11/4/2010	\$9,976.00	Executed	1a		RFP
027	001	026	PR #23 Provide Additional Structural Steel for Roof Monitors	Telamon Construction, Inc.	12/15/2010	\$22,188.00	Executed	1a		RFP
028	001	031	PR #24 Dust Collection System	Telamon Construction, Inc.	1/14/2011	\$2,836.00	Routing	4		RFP
028	006	001	Warner Mechanical	Warner Mechanical	1/14/2011	\$18,383.00	Executed	4		RFP
028	006	A01	Warner Mechanical	Warner Mechanical	1/14/2011	\$10,000.00	Allowance	4		RFP
028	007	004	Lake Erie Electric of Toledo, Inc.	Lake Erie Electric of Toledo, Inc.	1/25/2011	\$5,202.00	Routing	4		RFP
029	001	015	PR #25 Install owner provided toilet room accessories	Telamon Construction, Inc.	11/4/2010	\$4,439.00	Executed	4		RFP
030	001		PR #26.1 Rev-Replace TDAs/TDBs with elec. hand dryers	Telamon Construction, Inc.		\$17,077.00	Not Approved	4		RFP



Fremont New Middle School - 45-08-0018

**Change Order Log**  
45-08-0018

LOG#	Vendor	CCO	Description	Prime	Date	Amount	Status	Reason	Due	Initiated By
030	007	-	PR #26.1 Rev-Replace TDAs/TDBs with elec. hand dryers	Lake Erie Electric of Toledo, Inc.		\$36,497.00	Not Approved	4		RFP
030	007	003		Lake Erie Electric of Toledo, Inc.	1/14/2011	\$11,201.00	Routing	4		RFP
031	001	036	PR #27 Furnish/Install HL8 Intel	Telamon Construction, Inc.	2/11/2011	\$0.00	Routing	1a		RFP
032	005	002	PR #28 Plumbing Changes	Warner Mechanical	1/14/2011	\$2,536.00	Routing	1a		RFP
033	001	-	PR #29.1 Revised Provide Pre-Man. Display Cases	Telamon Construction, Inc.		\$33,865.00	Reviewing	1a		RFP
033	007	-		Lake Erie Electric of Toledo, Inc.		\$2,389.00	Reviewing	1a		RFP
034	001	-	RFI #62 Response Additional Sun Shade Support	Telamon Construction, Inc.		\$3,053.00	Not Approved	1a		FWO
035	007	A02	AEP (Temp. Elec.)	Lake Erie Electric of Toledo, Inc.	11/4/2010	\$429.00	Allowance	1a		ALL
036	001	034	PR #30 Change Door C104A	Telamon Construction, Inc.	1/27/2011	(\$714.00)	Routing	1a		RFP
037	001	-	RFI #62 Response-Revised Sun Shade Support--See RFP #34	Telamon Construction, Inc.		\$0.00	Not Approved	1a		FWO
038	001	-	Technology Coordination for Whiteboards/Smartboards	Telamon Construction, Inc.		(\$16,390.00)	Reviewing	1a		RFP
038	006	-		Warner Mechanical			Pricing	1a		RFP
038	007	-		Lake Erie Electric of Toledo, Inc.		\$17,442.00	Reviewing	1a		RFP
039	001	-	Pour Stops at the 2nd Floor of Area C	Telamon Construction, Inc.		\$7,104.00	Not Approved	1a		RFP
040	001	-	Pour Stops at the 3rd Floor of Area C	Telamon Construction, Inc.		\$8,133.00	Not Approved	1a		RFP
041	001	020	Soil remediation-visitor staff parking lot 9/14/10	Telamon Construction, Inc.	11/19/2010	\$9,613.00	Executed	2		FWO
042	001	A03	Soil remediation-visitor staff parking lot 9/15-9/20/10	Telamon Construction, Inc.	11/19/2010	\$22,836.00	Allowance	2		ALL
043	007	A03	RFP #25/PR 21.1 Revised Floor Boxes--Conduit Installation	Lake Erie Electric of Toledo, Inc.	11/19/2010	\$10,000.00	Allowance	2		ALL
044	001	019	Soil remediation--bus parking lot 9/22/10	Telamon Construction, Inc.	11/19/2010	\$5,296.00	Executed	2		FWO



# Change Order Log

45-08-0018

Fremont New Middle School - 45-08-0018

LOG#	Vendor	CCO	Description	Prime	Date	Amount	Status	Reason	Diff	Initiated By
045	001	A01	Soil remediation-bus parking lot 9/21/10	Telamon Construction, Inc.	11/19/2010	\$5,926.00	Allowance	2		ALL
046	001	A02	Soil remediation-bus parking lot 9/23/10 (Allow)	Telamon Construction, Inc.	11/19/2010	\$17,164.00	Allowance	2		ALL
047	001	018	Soil remediation-bus parking lot 9/23/10 (CO)	Telamon Construction, Inc.	11/19/2010	\$3,345.00	Executed	2		FWO
048	001	017	Soil remediation-staff parking lot 9/1/10	Telamon Construction, Inc.	11/19/2010	\$3,069.00	Executed	2		FWO
049	007	-	Provide momentary contact snap switches	Lake Erie Electric of Toledo, Inc.		\$773.00	Reviewing	1a		RFP
050	005	A01	RFP #23/PR #19 Plumbing Changes (Allow. Portion)	Warner Mechanical	11/19/2010	\$5,000.00	Allowance	1a		RFP
051	001	021	Soil remediation-north parking lot 9/27/10 and 9/28/10	Telamon Construction, Inc.	11/19/2010	\$6,269.00	Executed	2		FWO
052	001	022	Soil remediation--parent drop off area 8/25/10	Telamon Construction, Inc.	11/19/2010	\$3,368.00	Executed	2		FWO
053	001	023	Soil remediation-parent drop off area 8/27/10 and 8/31/10	Telamon Construction, Inc.	11/19/2010	\$6,205.00	Executed	2		FWO
054	001	024	Soil remediation-parent drop off area 8/30/10	Telamon Construction, Inc.	11/19/2010	\$6,868.00	Executed	2		FWO
055	001	025	Additional sidewalk, fence, and gate	Telamon Construction, Inc.	12/3/2010	\$3,165.00	Executed	2		FWO
056	001	028	PR #33 Masonry Changes	Telamon Construction, Inc.	1/14/2011	\$5,358.00	Executed	1a		RFP
057	001	030	RFI #75 Response-Delete masonry intel & fabricate beam	Telamon Construction, Inc.	1/14/2011	\$2,719.00	Routing	1a		FWO
058	001	029	PR #34-Structural Changes	Telamon Construction, Inc.	1/14/2011	\$4,561.00	Routing	1a		RFP
059	007	A04	AEP (Temp. Elec.)	Lake Erie Electric of Toledo, Inc.	12/16/2010	\$381.00	Allowance	1a		ALL
060	001	037	PR #35 Provide additional toilet partitions	Telamon Construction, Inc.	2/11/2011	\$2,137.00	Routing	4		RFP
061	001	-	PR #36 Change masonry banding and add letters	Telamon Construction, Inc.			Pricing	1a		RFP
062	001	038	PR #37 Wall Type Change and Addit. Steel Beams	Telamon Construction, Inc.	2/11/2011	\$5,046.00	Routing	1a		RFP



Fremont New Middle School - 45-08-0018

**Change Order Log**  
45-08-0018

LOG#	Vendor	CCO	Description	Prime	Date	Amount	Status	Reason	Due	Initiated By
063	- 007	- A05	AEP (Temp. Elec.)	Lake Erie Electric of Toledo, Inc.	1/14/2011	\$1,497.00	Allowance	1a		ALL
064	- 002	- 001	EPDM Temporary Roofing-Area A	C.R.M., Inc.	1/14/2011	\$6,331.00	Executed	2		FWO
064	- 002	- A01		C.R.M., Inc.	1/14/2011	\$511.00	Allowance	2		FWO
065	- 002	- A02	EPDM Temporary Roofing-Area B	C.R.M., Inc.	1/14/2011	\$9,489.00	Allowance	1a		FWO
066	- 001	- 032	EPDM Temporary Roofing-Area B-East	Telamon Construction, Inc.	1/14/2011	(\$7,832.00)	Executed	2		RFP
066	- 002	- 002		C.R.M., Inc.	1/14/2011	\$7,832.00	Executed	2		RFP
067	- 001	- 039	PR #38 Change ext. masonry to metal panel in specified areas	Telamon Construction, Inc.	2/11/2011	\$6,531.00	Routing	1a		RFP
068	- 001	- 040	PR #39 Install reinforcement to steel beams	Telamon Construction, Inc.	2/11/2011	\$15,725.00	Routing	1a		RFP
069	- 001	- 041	PR #40 Redesign the sunshade bracket-South Wall Unit C	Telamon Construction, Inc.	2/11/2011	\$3,846.00	Routing	1a		RFP
070	- 005	-	Add waste and vent piping to the garbage disposal	Warner Mechanical		\$3,704.00	Reviewing	1a		RFP
071	- 007	-	Wire the transformers for the infrared controls on lavs	Lake Erie Electric of Toledo, Inc.		\$17,114.00	Reviewing	1a		RFP
072	- 007	- A06	AEP (Temp. Elec.)	Lake Erie Electric of Toledo, Inc.	2/9/2011	\$4,329.91	Allowance	1a		ALL

Total Amount: \$354,440.00

**Reason Code Legend**

- 1a-Design Clarification
- 4-School District Brd Request
- 2-Field Condition
- 6-Local Funded Initiative