

April 10, 2013

RE: Gallatin County Alternative School & Field House
Gallatin County, Kentucky
BG 12-133
RTA 0914

Attendees

See attached sign-in sheet

Representing

A meeting was held Wednesday, April 10th in the construction trailer and the items below (and attached) are items reviewed and discussed in the meeting.

1. REVIEW OF PREVIOUS MINUTES
 - a) No communications have been forwarded for any corrections to the previous meeting minutes to date since their release on March 25th.
2. CONSTRUCTION PROGRESS (Schedule)
 - a) Review current status of work. See schedule and agenda from Endeavor to correlate with this agenda.
 - b) Begin with Contractor's report and then consider items below as supplemental items for discussion. See attached agenda from the Contractor for their progress report.
 - i) Site Utilities, Building Pad, and Foundation Updates
 - a) Storm line installation near tennis courts is near completion. Contractor to coordinate the sidewalk pour with other related concrete pour work in the upcoming weeks (not isolated concrete work).
 - (1) Utilities in relative areas in the parking lot still need finish work.
 - b) Utility transitions on site to building pad and rough-in in progress.
 - c) Building Pad.
 - (1) Completed prior to aggregate pier work. CSI has commented in past reports.
 - (2) Aggregate Pier work completed.
 - (3) Foundations started on the plan south side of the building.
 - d) Geothermal well drilling updates.
 - (a) Near completion on wells. Goal was to complete the wells the day of the meeting.
 - (b) Looping the lines is still not complete for an eventual tie-in to the building.
 - e) Aggregate piers were scheduled to begin the week of 3/25 pending weather according to the Contractor.
 - (1) Work completed.
 - (2) Follow up with test reports completed to all parties via CSI and contractor.
 - f) Storm Drainage
 - (1) DS-6 and related adjustments complete.

- (a) Rover rock at drywell has been improved since the last progress meeting and observation.
 - (2) Storm structures from tennis to alternative school nearly completed.
 - (3) Storm structures near the football concessions are yet to be completed.
 - ii) Foundations are noted in the Contractor's schedule to follow aggregate pier work.
 - a) Foundations completed at the Softball press box and the Football concessions. They have begun on the field house side of the Alternative school / field house facility.
 - iii) Slab work
 - a) Softball press box recently completed.
 - b) Football concessions to be complete prior to next progress meeting (no date given).
 - c) Alternative school still working on foundations.
 - iv) Electrical
 - a) Trenching and conduit to football press box and alternative school near completion. No comments on softball press box, but should be complete with slab recently completed.
- c) Looking Ahead
 - i) Utilities in the Building footprint.
 - a) Level of installation – See looking ahead items below.
 - b) Contractor should continue to coordinate avoiding conflicts with foundation and aggregate piers with utilities and refer to contract document requirements for penetrating stem walls with utilities or using flowable fill in the zone-of-influence areas, etc.
 - ii) Masonry Walls.
 - a) A pre-installation meeting is scheduled after this meeting and further details discussed at that time. Begin dates and goals noted in Contractor's attached progress notes (press boxes near completion around 4/15)
 - b) The mock-up wall is to be completed prior to the next progress meeting.
 - c) Hollow metal frames are stored on site and ready for installation as the walls go up.
 - (1) Is frame storage per manufacturer recommended requirements? Still no confirmation from the manufacturer.
 - iii) Other looking ahead items
 - a) All foundations should be completed by 4/24.
 - b) Most (not all) of the foundation walls poured by 4/25.
 - c) Slab on football concessions should be poured by 4/19.
 - d) Masonry on softball press box should start 4/15.
 - e) Geo thermal wells should be completed by 4/12.
 - f) Athletic field light foundations poured by 4/24?
 - g) Continuation of rough-ins for electrical and plumbing to continue through to next progress meeting for all structures (4/25). Plumbing in particular at the alternative school / field house.
- d) Some scheduling adjustment items may be noted under "additional items" towards the end of these minutes.
- e) Delivery dates.
 - i) Mason is expecting to deliver most masonry products (except veneers) by the time of this meeting.

- ii) The athletic field lights are scheduled to come in mid-May. The gear boxes located in the press box should have a room by that date to store.
- f) Possible delays.
 - i) No new delays noted.
 - ii) Contractor sent a revision to substantial completion dates via email the day before this meeting. RTA will review based on the Contractor adjustments and the Owner desires and prepare a change order if possible for the allotted adjustments.
 - a) The primary alternative school building has a target date of December 9th in the revised proposal from the Contractor.

3. SHOP DRAWINGS/SUBMITTALS

- a) Review of Log. Attached.
 - i) Log is up to date and there are no immediate outstanding issues. Review Endeavor list of submittals for any priority needs.
 - ii) Endeavor and RTA to review what outstanding samples are needed to produce the color board for Owner review.
 - a) A color board will be prepared based on the delivery of recent colors submittals at this meeting and a target date for completion of the board by RTA is 4/18. Once completed, RTA will schedule a meeting with the Owner to make final selections.
 - iii) A summary of outstanding items are as follows date received in (*) (may not be a full list)
 - a) Surge Suppression (3/14)
 - b) Distribution Equipment (3/14)
 - c) Visual Display (4/2) Rejected and awaiting re-submittal.
 - d) Signs (4/3)
 - e) Acoustical Panel (4/5)
 - f) Interior Signs (4/8)
 - iv) The Contractor was handed sheet metal shop drawings by a subcontractor in attendance. These were kept by the Contractor for review prior to sending to the design team.

4. PROPOSED CHANGE ORDER ITEMS

- a) Status of Proposal Requests.
 - i) PR #04 – Remove and replace existing cracked concrete walk.
 - a) Awaiting pricing from Endeavor.
 - b) Endeavor noted that they did damage a few slab areas and will replace those at no charge and have documented in their reports what sections they owe for replacement. These are separate sections and not related to the above sections.
 - ii) PR #05 – Revise grading and drainage at concrete walk to be removed in PR #04.
 - a) Pricing from Endeavor received and reviewed. This option is possibly adding \$5,312.00.
 - b) (5.2) Awaiting confirmation from Owner to pursue pricing or discuss other options?
 - c) A walk through occurred after the meeting and some adjustments will be made to possibly utilize an existing storm line that was to be abandoned and to address storm issues between the Alternative school and the football press box that were not currently in the plans work. A revised PR will go to the Owner the week of 4/15.
 - iii) PR #07 – Adjust Rim Elevation for DS-2.
 - a) Pricing from Endeavor received and reviewed. This pricing possibly adding \$400.00.
 - iv) PR #08 – Relocate Field Irrigation Hydrant

- a) Awaiting pricing on this item and final development.
- b) Status of Change Orders.
 - i) To be Submitted to Owner for April 22nd meeting:
 - a) Change Order 7 is planning to be additional fencing in the field. Need a written confirmation on the pricing for getting on the April 22nd agenda. This item not associated with a proposal request.
 - b) Change Order 8 will be considering additional days. Finalize with the Contractor through the month of March.
 - ii) Possible Change Order Considerations at future Board Meetings beyond April 22nd:
 - a) Outstanding Proposal Request considerations noted above pending final numbers and acceptance as future change order numbers for known items not listed as change Order 7 or 8.

5. FIELD ORDER ITEMS

- a) Review of Log.
 - i) No new field orders to date. Log attached for reference.
 - ii) Field Order #4 – A new field order item is likely forthcoming to make some grading adjustments to the sidewalk areas around the softball press box (as noted in RFI 18). The goal is to release this field order the week of 4/15.

6. CONTRACTOR'S APPLICATION FOR PAYMENT

- a) Pay Application #3 anticipated to be presented at this meeting for in-field review and signatures.
 - i) This pay application is in RTA's possession and since the meeting [ay app #3 has been placed on the Board agenda for approval. *A conversation occurred shortly after this meeting concerning payment of Change Order #3 in which the Owner and Contractor representatives expect this change order to be paid for in this particular pay application and it is requested in this pay application by the Contractor.*

7. REQUESTS FOR INFORMATION / CLARIFICATION

- a) Review of Log. All items to date have received a response. Most recent noted below.
 - i) RFI #18 – Finish Floor Elevation Adjustment to the softball press box at 490.6. A field order and additional grade adjustments to new sidewalk areas near this facility has been noted to be a possibility.
 - ii) RFI #19 – Reroute of Storm Line under building. This was proposed by the contractor and accepted provided it was a no cost change and installed per contract document requirements.
 - iii) RFI #20 – Treated Wood Requirements provided and clarified for the Contractors information.

8. RECORD DRAWINGS

- a) Updates?
 - i) Storm line under building in RFI#19 to be finalized and recorded once installed.
 - ii) The adjustments to the electrical line trench work not having rebar to date shall be noted.

9. DAILY CLEAN-UP

- a) No comments this meeting.

10. SAFETY ISSUES

- a) Site access to ball fields. The Contractor and Owner relayed no issues and noted the additional fencing was already installed to deter crowds from approaching the construction related areas.
- b) Railing at Football Field (noted in last meeting by Contractor). No additional comments or updates reported by the Contractor.

11. ADDITIONAL ITEMS

- a) (Continue to update as needed) Existing sanitary exposed for tie in on west side of football field

- i) Piping has been observed by the contractor as having reverse slope and bellied in some areas. It was stated that the overall run has proper direction of flow. No gravel bed under the piping has been observed at this sanitary line. Tim stated there have been minor issues possibly related to this in the past. All parties will continue to monitor this situation. No new action required or noted by any parties through the course of the last meeting on this existing condition.
- b) Manhole in existing sanitary line west of football field was found under existing fence, contrary to survey drawings. Fence was removed for access. New fence configuration or new gate may be required. Possible RFI forthcoming. No further action taken at this meeting. The Contractor verbally noted their concern about this effort possibly being additional services, but this shall be under review and monitored as the project moves forward. Contractor should note what items are additional in advance of their efforts as the project moves forward if this is merited.
- c) The Contractor has submitted additional days to the contract and is requesting a change order for the additional days. The contractor sent via email a revised schedule which shall be attached to these minutes reflecting the requested days and their inclusion into the schedule. Change Order #8 is being prepared for this item.
- d) Owner and Endeavor have discussed rerouting the temporary electric that is currently over the softball field back stop. The reroute location was not discussed, but a plan was evidently in the works per the request of the Owner.

12. NEXT MEETING DATE AND TIME

- a) April 25th at 9:00am
- b) Any pre-installation meetings or other coordination meetings?
 - a) Hardware.
 - (1) Manufacturer, Supplier, Owner, Contractor and RTA representatives. To attend a meeting at the job trailer at 10:00am on April 25th.
 - b) Upon completion of the color board scheduled to be completed on 4/18, RTA will contact the Owner and schedule a time to review shortly after the completion of the Board.

The above narrative represents my understanding of the major events that occurred at this meeting. Should there be any additions, clarifications or deletions to these minutes, please notify my office in writing within ten days.

Prepared By:

John C. Gilbert, LEED AP

/jcg

Attachments Pertinent logs, schedules, and observation reports relative to this meeting.

c: Dorothy Perkins, Ed. D, Gallatin Co. Schools, Leonard Whalen, Gallatin Co. Schools
Ronald E. Murrell, Jr., AIA, LEED AP BD+C, John C. Gilbert, Associate AIA, LEED AP
David Beiersdorfer Jr., Endeavor Construction, Tom Wessling, CMTA, Inc., Steve Maggard, PE, LEED AP GA
File 0914-4C
MM130410-Progress-0914

GALLATIN PROGRESS MTG.

Sign In Sheet

4/10/13

RTA # 0914

<u>Name</u>	<u>Organization</u>
Steve Maggard	RTA
Rick Binder	Delta
Ken Jones	Endeavor
Dwaid Beiersdorfer	Endeavor
P. J. Lanigan	Lanigan Construction
Tom Wessling	CMTA
Tim Biddle	Gallatin
Lenny Whalen	Gallatin Co.
Andy Kohler	MAI
Chad Murray	Board Member
Paul Davis	SOG
John Gilbert	RTA
Dorothy Perkins	Gallatin Co.

Two Week look ahead. April 10th - April 24th

All footers Poured on Alternative Building

Some of the foundation walls poured on
Field house
Slab on large pressbox poured next week.

4. Block starting on small pressbox on
4-15-13.

5. Block on large pressbox sometime of the
week of 4-15-13

6. Geo wells - drilling complete this week.

7. Musco light ~~pole~~ pole foundations poured.

8. Plumbing roughin going on. Underground in Field.

9. Electric roughin going on ~~at~~ Pressboxes. House

Work complete as of 4-10-13

1. Slab on small pressbox poured
2. Underground storm 96% Complete
3. Underground sanitary 98% Complete
4. Underground electric 30% Complete
5. Geo wells complete except for two.
6. Small pressbox foundation & slab complete.
7. Large pressbox footer & walls poured.

Mobilization & Early Sitework

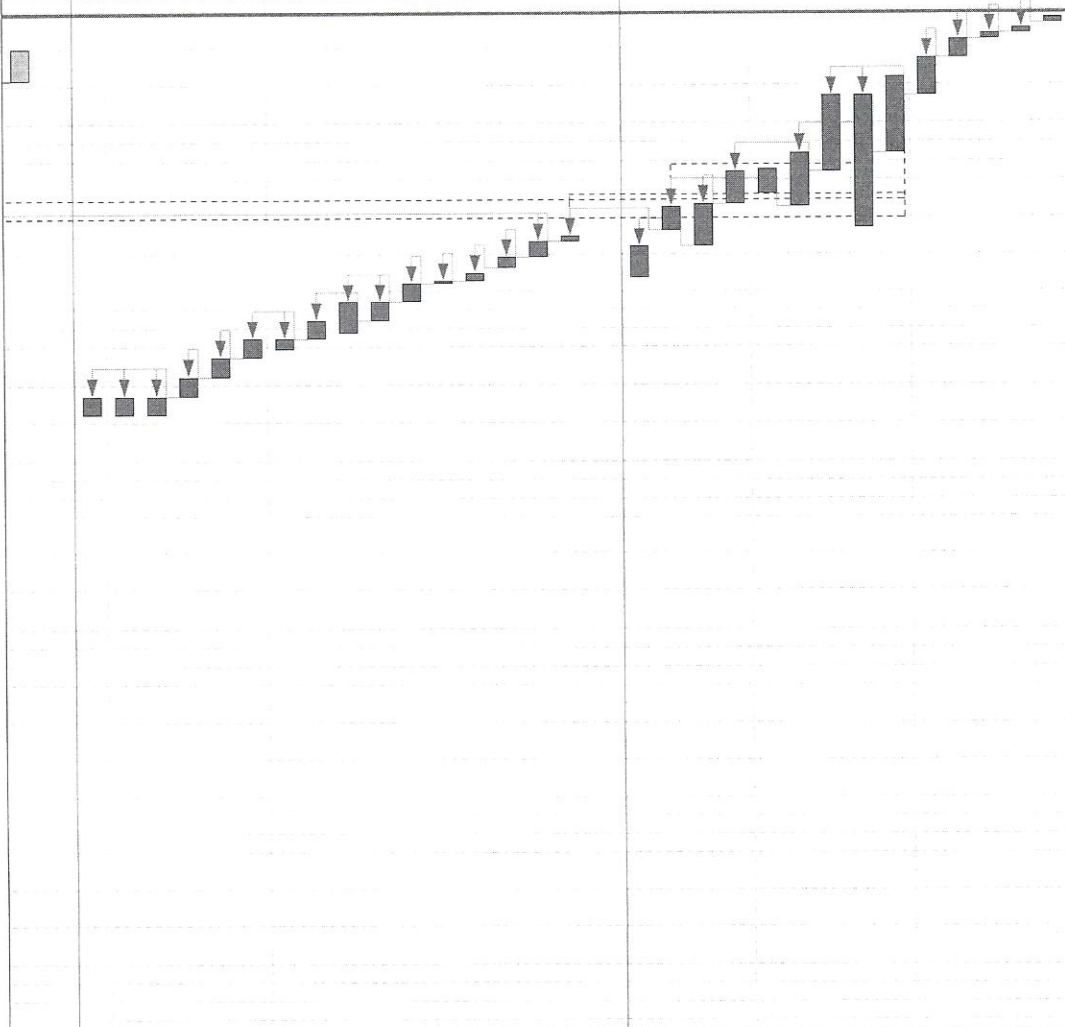
0094	Mobilization	2	01/03/13	01/04/13
0095	Temporary Fencing	2	01/07/13	01/08/13
0096	Strip Topsoil	2	01/09/13	01/10/13
0097	Remove Existing Paving	5	01/11/13	01/17/13
0098	Building Pad to Grade	10	01/18/13	01/31/13
0118	RFI 004 - Soil Condition at Building	20	01/25/13	02/21/13
0104	Geothermal Wells & Piping	35	02/01/13	03/21/13
0124	Site Storm	20	02/01/13	02/28/13
0128	Building Pad Weather Delays	14	02/22/13	03/13/13
0138	PR #006 - Existing Gym Drain Line	7	02/28/13	03/08/13
0102	Site Sanitary	8	03/01/13	03/12/13
0103	Site Fire Line	12	03/13/13	03/28/13
0108	PR #003 - Soils/DGA at Building Pad	7	03/14/13	03/22/13
0101	Site Water	8	03/29/13	04/09/13

Softball Press Box

0014	Aggregate Piers	2	03/25/13	03/26/13
0015	Footings & Foundations	4	03/27/13	04/01/13
0016	UG Rough-in	4	04/02/13	04/05/13
0017	Slab on Grade	3	04/08/13	04/10/13
0018	Hollow Metal Frames	1	04/11/13	04/11/13
0019	Block Walls	5	04/12/13	04/18/13
0020	Wood Frame Floor & Roof	5	04/19/13	04/25/13
0021	Steel Stair	8	04/19/13	04/30/13
0022	Roofing & Sheet Metal	5	04/26/13	05/02/13
0023	Aluminum Sliding Windows	2	05/03/13	05/06/13
0024	Electric Rough-in	5	05/03/13	05/09/13
0025	Drywall Ceilings	5	05/10/13	05/16/13
0026	Interior Painting	5	05/17/13	05/23/13
0027	Lights & Devices	5	05/24/13	05/30/13
0028	Exterior Painting	5	05/24/13	05/30/13
0029	Sidewalks	5	05/24/13	05/30/13

Athletic Lighting

0002	Submittals	10	01/14/13	01/25/13
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Gallatin Co - Alternative School

Start date 01/01/13 6:00AM
 Finish date 12/09/13 4:59PM
 Data date 01/01/13 6:00AM
 Run date 04/09/13 10:00AM
 Page number 1A

2013

AUG

SEP

OCT

NOV

DEC

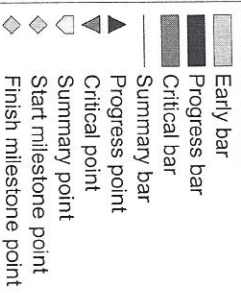
2014

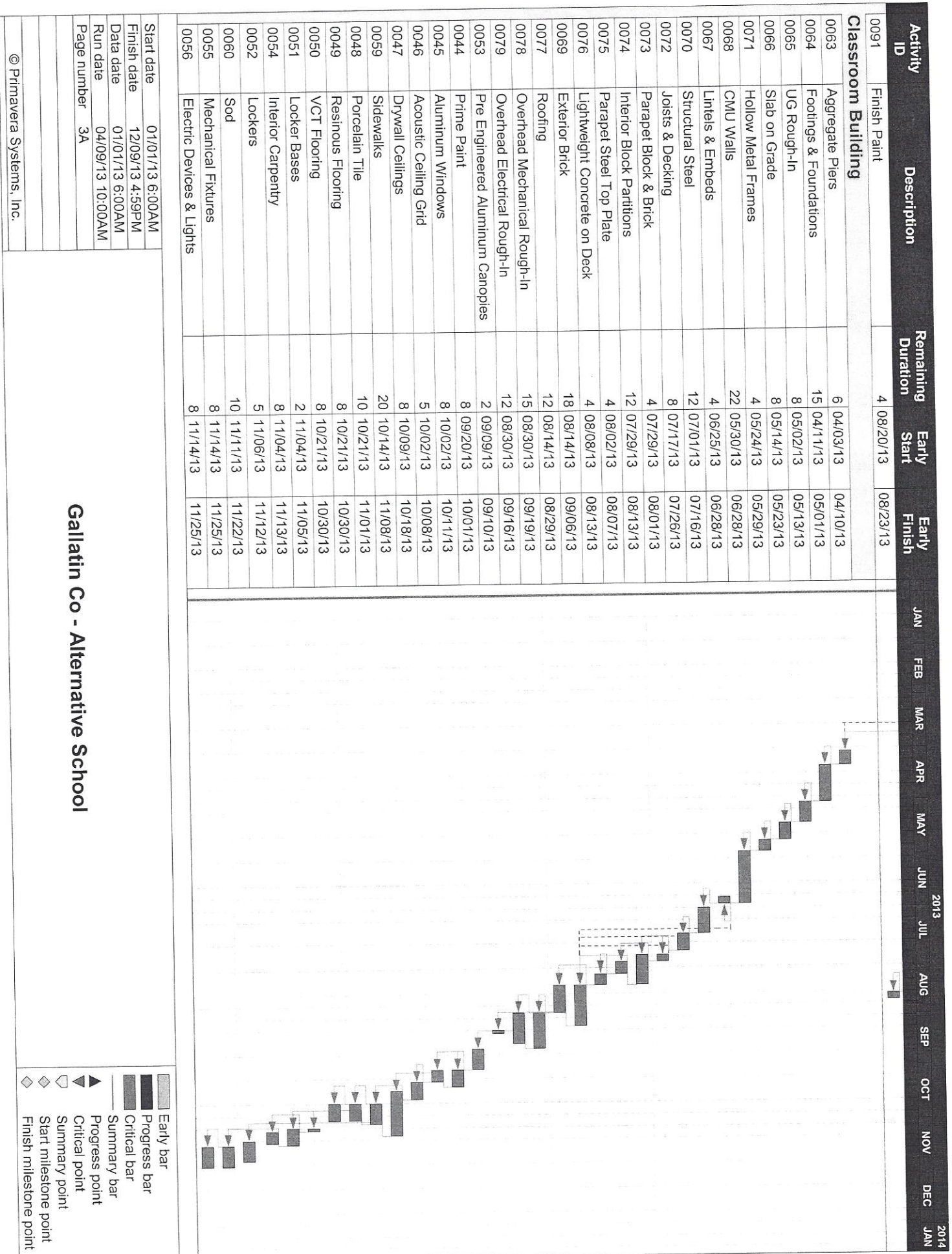
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



Gallatin Co - Alternative School

© Primavera Systems, Inc.





Activity ID	Description	Remaining Duration	Early Start	Early Finish	2013												2014											
					JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0057	Doors & Hardware	8	11/26/13	12/05/13																								
0058	Finish Paint	10	11/26/13	12/09/13																								

Start date 01/01/13 6:00AM
 Finish date 12/09/13 4:59PM
 Data date 01/01/13 6:00AM
 Run date 04/09/13 10:00AM
 Page number 4A

Gallatin Co - Alternative School

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Progress point
- Critical point
- Summary point
- Start milestone point
- Finish milestone point

Shop Drawing Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

Date In	Spec Section	# of Copies	Description	Submittal Review			Comments			Date Ret. To Contractor	Comments (Insert Date of Resubmittal to RTA if Applicable)
				Sent To	Date Out for Rev.	Date Back from Rev.	Reviewed	Rev/ Resub	Corr. Noted		
12/31/2012	334913	DIGITAL	STORM DRAINAGE MANHOLES, FRAMES AND COVERS	SM/MM	01/02/13	01/09/13			X	01/09/13	
12/31/2012	334101	DIGITAL	SITE STORM DRAINAGE PIPING	SM/MM	01/02/13	01/09/13	X			01/09/13	
1/3/2013	032000	DIGITAL	CONCRETE REINFORCING	SDG	01/03/13	01/15/13	X			01/15/13	
1/3/2013	033000	DIGITAL	CAST IN PLACE CONCRETE MIX DESIGNS	SDG	01/03/13	01/08/13	X			01/09/13	
1/9/2013	260519	DIGITAL	CONDUCTORS	CMTA	01/09/13	01/10/13	X			01/15/13	
1/9/2013	260531	DIGITAL	CABINETS, OUTLET, AND PULL BOXES	CMTA	01/09/13	01/10/13	X			01/15/13	
1/9/2013	260533	DIGITAL	RACEWAYS AND FITTINGS	CMTA	01/09/13	01/10/13	X			01/15/13	
1/9/2013	262726	DIGITAL	WIRING DEVICES AND PLATES	CMTA	01/09/13	01/10/13	X			01/16/13	
1/11/2013	265115	DIGITAL	SPORTS LIGHTING	CMTA	01/11/13	01/29/13	X			01/29/13	
1/11/2013	334413	DIGITAL	CATCH BASINS AND CURB INLETS	SM/MM	01/11/13	01/14/13			X	01/14/13	
1/16/2013	313237	DIGITAL	DISPLACEMENT AGGREGATE PIERS	N/A	N/A	N/A		X		01/16/13	NOT THE CORRECT PLANS
1/18/2013	313237	DIGITAL	DISPLACEMENT AGGREGATE PIERS	SM/SDG	01/18/13	01/22/13			X	01/24/13	
1/23/2013	202200	DIGITAL	INSULATION - MECH. - PLUMBING ONLY	CMTA	01/23/13	02/05/13		X		02/06/13	
1/23/2013	220100	DIGITAL	PLUMBING SPECIALTIES	CMTA	01/23/13	02/05/13		X		02/06/13	
1/23/2013	220200	DIGITAL	PLUMBING FIXTURES	CMTA	01/23/13	02/18/13	X			02/18/13	
1/23/2013	220300	DIGITAL	PLUMBING EQUIPMENT	CMTA	01/23/13	02/05/13		X		02/06/13	
1/23/2013	334413	DIGITAL	CATCH BASINS AND CURB INLETS	SM/MM	01/23/13	01/24/13	X			01/24/13	
1/23/2013	201305	DIGITAL	GEO THERMAL WELL FIELD	CMTA	01/23/13	02/05/13	X			02/06/13	
1/23/2013	283100	DIGITAL	FIRE ALARM SYSTEM	CMTA	01/23/13	01/29/13	X			01/29/13	
1/28/2013	015000	DIGITAL	CONSTRUCTION SIGN	GH	01/29/13	01/29/13	X			01/30/13	
1/28/2013	042000	DIGITAL	UNIT MASONRY	GH	01/29/13	01/30/13			X	01/30/13	
1/29/2013	201300	DIGITAL	MECHANICAL HVAC PIPING	CMTA	01/29/13	02/05/13	X			02/06/13	
1/29/2013	202200	DIGITAL	MECHANICAL INSULATION HVAC ONLY	CMTA	01/29/13	02/05/13		X		02/06/13	
1/29/2013	230200	DIGITAL	HVAC EQUIPMENT	CMTA	01/29/13	02/05/13	X			02/06/13	
1/29/2013	231100	DIGITAL	HVAC REGISTERS, GRILLES, DIFFUSERS	CMTA	01/29/13	02/05/13	X			02/06/13	
1/29/2013	231200	DIGITAL	HVAC SHEET METAL	CMTA	01/29/13	02/05/13	X			02/06/13	
2/1/2013	042000	DIGITAL	UNIT MASONRY RESUBMITTAL	GH	02/01/13	02/01/13			X	02/04/13	
2/1/2013	202100 230100	DIGITAL	VALVES AND PUMPS	CMTA	02/01/13	02/18/13			X	02/18/13	
2/5/2013	051200	DIGITAL	STEEL ANCHOR BOLTS & IMBED PLATES	SDG	02/05/13	02/13/13	X			02/18/13	
2/7/2013	042000	COLOR SAMPLE	UNIT MASONRY	GH	02/07/13	02/18/13			X	02/18/13	
2/7/2013	265113	DIGITAL	LIGHTING	CMTA	02/07/13	02/25/13			X	02/26/13	
2/7/2013	270610	DIGITAL	VOICE DATA NETWORK	CMTA	02/07/13	02/25/13			X	02/26/13	
2/13/2013	202200	DIGITAL	MECHANICAL INSULATION HVAC ONLY	CMTA	02/13/13	02/18/13			X	02/18/13	
2/13/2013	042000	DIGITAL	UNIT MASONRY REBAR	GH/SDG	02/13/13	02/15/13			X	02/20/13	
2/14/2013	202200	DIGITAL	INSULATION PLUMBING RE-SUBMITTAL	CMTA	02/14/13	02/22/13			X	02/26/13	
2/14/2013	220100	DIGITAL	PLUMBING SPECIALTIES RE-SUBMITTAL	CMTA	02/14/13	02/22/13	X			02/26/13	

Shop Drawing Log

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				Sent To	Date Out for Rev.	Date Back from Rev.	Reviewed	Rev/ Resub	Corr. Noted		
2/14/2013	081113 081416 087100	DIGITAL	HOLLOW METAL DOORS & FRAMES, FLUSH WOOD DOORS, DOOR HARDWARE	JC/GH	02/15/13	02/27/13			X	02/27/13	
2/14/2013	084313	DIGITAL	ALUMINUM FRAMED STOREFRONTS	GH	02/14/13	02/21/13		X		02/21/13	
2/14/2013	085113	DIGITAL	ALUMINUM WINDOWS	GH	02/14/13	02/21/13		X		02/21/13	
2/15/2013	075400	DIGITAL	THERMOPLASTIC MEMBRANE ROOFING	GH	02/15/13				X	02/27/13	
2/18/2013	210100	DIGITAL	FIRE PROTECTION SYSTEM	CMTA	02/18/13	02/22/13	X			02/26/13	
2/18/2013	270800	DIGITAL	FOOTBALL FIELD SOUND SYSTEM	CMTA	02/18/13	02/25/13	X			02/26/13	
2/18/2013	270801	DIGITAL	SOFTBALL FIELD SOUND SYSTEM	CMTA	02/18/13	02/25/13	X			02/26/13	
2/18/2013	275131	DIGITAL	WIRELESS CLOCK SYSTEM	CMTA	02/18/13	02/25/13	X			02/26/13	
2/20/2013	083313	DIGITAL	OVERHEAD COILING DOOR	GH	02/20/13	02/26/13			X	02/26/13	
2/20/2013	210100	DIGITAL	DOMESTIC WATER-FIRE SERVICE VAULT	CMTA	02/20/13	02/22/13	X			02/25/13	*HIGH PRIORITY
2/21/2013	084113 085113 088000	SAMPLE	ALUMINUM FRAMED STOREFRONTS, ALUMINUM WINDOW, GLAZING	GH	02/21/13	02/27/13	X			02/27/13	
2/22/2013	280730 280750	DIGITAL	INTRUSION AND VIDEO SURVEILLANCE	CMTA	02/25/13	03/14/13	X			03/15/13	
2/27/2013	051200 055000 055100 055213	DIGITAL	STEEL SHOP DRAWINGS: STRUCTURAL STEEL, METAL FABRICATIONS, METAL STAIRS, AND PIPE & RAILINGS	SDG/GH	02/27/13	03/01/13			X	03/07/13	*HIGH PRIORITY
2/27/2013	083113	2	OVERHEAD COILING DOOR COLOR CHART	GH	02/27/13	03/05/13	X			03/05/13	COLOR SELECTION MADE AT LATER DATE
2/28/2013	133416.16	DIGITAL	GRANDSTANDS	GH	02/28/13	03/08/13		X		03/08/13	*HIGH PRIORITY
2/28/2013	099001	DIGITAL	PAINT	KC	02/28/13	03/21/13		X		03/21/13	
2/28/2013	085113 084313	DIGITAL	ALUMINUM WINDOWS AND ALUMINUM STOREFRONT RESUBMITTAL	GH	02/28/13	03/01/13	X			03/01/13	
3/4/2013	052100 053100	DIGITAL	STEEL JOIST FRAMING, STEEL DECKING	SDG	03/04/13	03/12/13			X	03/12/13	*HIGH PRIORITY
3/4/2013	133416.16	4	GRANDSTANDS SAMPLES	GH	03/04/13	03/07/13			X	03/22/13	
3/5/2013	031000	DIGITAL	CONCRETE FORMING & ACCESSORIES	SDG	03/05/13	03/12/13	X			03/12/13	
3/5/2013	071300 (033000)	DIGITAL	CAST IN PLACE CONCRETE - VAPOR BARRIER	GH	03/05/13	03/06/13	X			03/06/13	
3/5/2013	072100	DIGITAL	THERMAL INSULATION	GH	03/05/13	03/07/13	X			03/07/13	
3/5/2013	107300	DIGITAL	ALUMINUM CANOPY (AND BW LETTER)	GH	03/05/13	03/08/13			X	03/08/13	
3/8/2013	105050	DIGITAL	METAL LOCKERS	KC	03/08/13	03/21/13		X		03/21/13	
3/8/2013	123550	DIGITAL	INSTITUTIONAL CASEWORK	KC	03/08/13	03/20/13			X	03/20/13	COLOR SELECTION MADE AT LATER DATE
3/8/2013	085113	DIGITAL	ALUMINUM WINDOWS TYPE Q	GH	03/08/13	03/08/13			X	03/11/13	
3/8/2013	107300	SAMPLE	ALUMINUM CANOPY	GH	03/11/13	03/12/13			X	03/12/13	
3/12/2013	081113 081416 087100	DIGITAL	DOORS AND HARDWARE RESUBMITTAL	JC/GH	03/12/13	03/13/13	X			03/19/13	
3/12/2013	105050	2	METAL LOCKERS COLOR CHARTS	KC	03/12/13	03/28/13	X			03/28/13	COLOR SELECTION MADE AT LATER DATE

Shop Drawing Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

[illegible]

Proposal Request Tracking Log

Project Name: Gallatin Co. Alt. School & F.H.

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

[illegible]

Field Order Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, Kentucky

Contractor: Endeavor Construction

Project Number: 0914[illegible]

Request for Information (RFI) Tracking Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

RFI No.	Received Date	Description	Routing		Returned Date	Response Description	Date Back to Contractor
			To Whom	Date			
1	12/17/2012	SD1.1 on Site Layout Point Charts indicates 1 layout point. Endeavor requests for additional layout points in order to do the site layout	SM	12/18/12	12/18/12	See the SD3 sheets for additional layout points (refer to RFI #002).	01/04/13
2	12/17/2012	Request for a set of CADD drawings. Include Site, Arch., Mech., and Structural.	JCG	12/18/12	12/18/12	After the CADD Drawing Request Waiver was signed, Site, Arch, and Mech. Drawings were uploaded to the ftp.	01/04/13
3	1/25/2013	Existing Drywell to be removed in parking lot: the existing drywell that is to be removed in the parking lot area has 3 existing pipes running into it. The pipe labeled as 18" per sheet SD0.1 is actually the 12" pipe coming from the storm structure near the entry to the High School. It appears this 12" pipe will need to be relocated since the existing drywell must be removed. Please provide direction.	SM	01/25/13	01/31/13	Refer to PR#01	01/31/13
4	1/25/2013	Soil Condition for Alternative Building: a portion of the area will not be acceptable to begin placing soil fill. Is it acceptable to utilize a borrow pit from an onsite location that will later be filled with the spoils from the underground utility excavations? Would the Owner like to entertain the idea of stone fill rather than soil fill in the building pad area? If so, please review with the soils engineer and provide a proposal request with specific details.	GH/SM/SME	01/25/13	02/12/13	The portion of the building pad area on the south side that did not meet proof-roll should be undercut 12" and brought to subgrade elevation with crushed stone per the Geotechnical Engineer's observation and recommendation letter dated February 12, 2013.	02/12/13
5	1/25/2013	Masonry Mock-Up: Provide a sketch of the desired masonry mock-up panel. According to spec. 042000.1.08 Mock-Up, Endeavor is to construct a masonry wall mock-up panel size as provided on the drawing at the end of section 014000 Quality Requirements. However, section 014000 does not provide this sketch	GH	01/25/13	01/30/13	FO#02	01/30/13
6	1/25/2013	Sanitary Line Running East-West just south of gym: the plumbing contractor has identified a concern regarding their ability to obtain the proper slope at the point of connection to the existing line. Is it acceptable to route this new line through the grass area south of the asphalt drive to gain depth at the tie in point? This would prevent the need to disrupt the bus traffic and eliminate the need to trench the asphalt paving.	GH/TW	01/25/13	02/01/13	It is acceptable to re-route the new line through the grass area to insure proper slope and ease burden on bus traffic as suggested in the RFI. Contractor is to take care to place new line in grass and out of future track foot print.	02/01/13
7	1/25/2013	Water Service to Concession fed from School Building: the route for the water service line from the Alternative School Building is very congested due to the geothermal well field and track areas. There is an existing water meter near Park Road that can be used to feed the Concession Stand. Is it acceptable to utilize this service to provide water to the new Concession Stand?	GH/TW	01/25/13	02/01/13	The suggested route for water supply from the water meter at Park Road to the new Concession Stand is acceptable.	02/01/13

Request for Information (RFI) Tracking Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

RFI No.	Received Date	Description	Routing		Returned Date	Response Description	Date Back to Contractor
			To Whom	Date			
8	1/25/2013	Sanitary Service to Concession: the sanitary line appears to be in conflict with the invert on the drawings. Also, the plumbing contractor believes the pipe could be above the ground to maintain the required fall from the Concession Stand to the tie in point due to the swale at the storm catch basin. Is it acceptable to relocate the sanitary line to the east in order to obtain better grade numbers for burying the pipe? Or would it be possible to tie the sanitary line in the existing 6" sanitary line that serves the baseball press box rest rooms, which ultimately ties into the line at Park Road?	GH/TW	01/25/13	02/01/13	It is acceptable to relocate the sanitary line running south from the Concession Stand and tie into an existing 6" line that serves the baseball press box restrooms to avoid conflict with the existing invert and gain the required fall as well as stay under ground as suggested.	02/01/13
9	2/8/2013	Sink Hole: a major sink hole has developed onsite near the southwest corner of the geothermal well field, approximately 5'x4'x10' deep. Endeavor cannot continue work in this area without further investigation by the Geotechnical Engineer. Please advise how to correct the situation.	SM	02/08/13	02/12/13	Per the Geotechnical Engineer's observation and recommendation later dated 2-12-2013, the void should be grouted when the well is grouted and future holes should be cased during drilling.	02/12/13
10	2/8/2013	Fire Pit and Hydrant Location: 1. Confirm that Tom from CMTA and Eric from the water company have asked for the Fire Pit to be the same size as the Fire Pit at the Middle School. 2. Confirm revised location of the fire hydrant from across the road from the Fire Pit to the same side as the pit per Fire Chief Berry Alexandria.	CMTA	02/13/13	02/13/13	<u>Item 1</u> : Tom Wessling met with the local utility representative on site 2/7/13. Per that meeting, the Domestic Water / Fire Service Vault should be the same as the one at the Middle School. The Sprinkler Contractor is to submit a shop drawing based on the Middle School installation and for review. It was stated in the progress meeting that no additional costs would be pursued for this issue. <u>Item 2</u> : If the new location of the hydrant on the Vault side of the road is approved by Chief Alexandria and is his preference, then we find the change acceptable.	02/13/13
10b	2/28/2013	Site Superintendent called by phone to RTA requesting some spot elevation adjustments to the fire vault on SD3.2, and UP1.2 as a follow up to RFI 10.	CMTA/SM/JCG	02/28/13	02/28/13	Phone calls occurred and an email was sent for follow up to all pertinent parties noting an elevation to the fire vault (noted as a water vault on SD3.2) at the top exposed for the opening to be at 492.25. Contractor will adjust in record drawings and attach the noted email.	02/28/13
11	2/14/2013	Stepped Footing at Underground Sanitary Line: the wall that separates Mens RR 108 and Lobby 107 has a sanitary line running parallel to it (below grade). This line receives the FD-1 in Mens RR 108. The vent for this FD-1 is located in the aforementioned wall. In order, by code, to make this connection, it will require the footer to be stepped down at the location of the branch line serving FD-1. Otherwise, the branch line, 90, and tee will be encased in the footer. Is it acceptable to step the footer at this location?	SDG	02/14/13	02/15/13	It is structurally acceptable to step the footing. Coordinate all footing steps with the Aggregate Pier installer and with detail 2C/S2.1. Also review piping locations with load bearing footings as shown in detail 1E/S2.1.	02/18/13

Request for Information (RFI) Tracking Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

RFI No.	Received Date	Description	Routing		Returned Date	Response Description	Date Back to Contractor
			To Whom	Date			
12	2/14/2013	Storm Line Conflict with Existing Utility Pole Brace: a brace cable from an existing utility pole is in the center of the anticipated excavation for the new storm line. The location of this brace cable is about 65' southwest of DS-3. The simplest solution would be relocating the brace cable so we have contacted Kentucky Utilities to ask if this is acceptable. KU will visit the site to review. Please provide direction how to proceed.	CMTA	02/14/13	02/21/13	Per 2/21/13 progress meeting, brace cable in question in conflict with new storm line is to be removed and replaced as needed by Kentucky Utilities. Due to congestion of utilities in the area, relocating the storm line has been deemed unadvisable.	02/21/13
13	2/14/2013	Divert Storm Water from Existing Gym: as part of RFI #003, Endeavor identified the existing 12" storm pipe from the Gym that drains into the drywell that is being removed in the area of the new building pad. The permanent solution to this issue was addressed via PR #003 by changing detention structure DS-6 to a drywell. However, there needs to be a temporary solution to divert the added water from the Gym roof drain from the site until the new work is installed and hooked up. This temporary solution is needed so that Endeavor can proceed with the building pad work without concern of the added water from the existing Gym roof drain. Please provide direction for a temporary solution until the new storm is installed.	SM	02/14/13	02/18/13	We recommend installing the new drywell as soon as possible. The elevation of the pipe from the gym does not allow for temporary drainage trenches or gravity piping, which are the typical temporary solutions. We also don't want to overstep our bounds by dictating means and methods of construction and will consider any suggestions you have.	02/18/13
14	2/14/2013	Geothermal Well Field Spacing: due to how close the Geothermal Well field is located to the existing concrete sidewalks by the football bleachers and future track location, would it be possible to reduce the spacing of the wells from 20' to 18'? The wells would be changed to 18' o.c. running east to west and would remain 20' o.c. running north to south. In addition, RFI #009 identified a drilled well location that the soils caved in creating a sink hole. That particular well location was drilled to approximately 130' deep. This location will be grouted per the response to RFI #009. Where should the new well be located? Should the entire row be offset? Please provide a new layout of the well field that shows that new location of the partially drilled well affected by the sink hole and confirm if the 18' o.c. layout is acceptable.	GH	02/14/13	02/18/13	Revising the east-west spacing of the geothermal well rows from 20'-0" to 18'-0" is acceptable. Refer to the attached sketch for revised spacing of the west row, which is to be changed from 20' spacing to the 18'-0" spacing. This change is to accommodate the addition of a new well to replace the abandoned/filled well.	02/18/13
15	3/1/2013	Existing Gym Roof Drain Line: While excavating for the new detention structure at DS-6, Endeavor found the existing gym roof drain is not in line with the structure as was thought. It is actually several feet north out in the east-west driving line. Please advise how to proceed. It is believed that the new DS-6 will accommodate the gym roof drain line, however it is decided to route the line.	GH	03/01/13	03/01/13	The proposed solution in the attached sketch provided with RFI #015 by the contractor is acceptable. A Proposal Request is expected after further coordination with RTA and Endeavor.	03/01/13
16	3/4/2013	Elevation of DS-2: the rim of DS-2 is about .95' below the existing blacktop. It appears a 12" spacer ring will be needed. Please review and provide direction	SM	03/04/13	03/05/13	Contractor's recommendation for a 12" spacer ring is acceptable. A proposal request concerning this issue is forthcoming.	03/05/13

Request for Information (RFI) Tracking Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

RFI No.	Received Date	Description	Routing		Returned Date	Response Description	Date Back to Contractor
			To Whom	Date			
17	3/7/2013	The existing water main is installed at a depth of 2'5" to top of pipe from finish grade at new 6" Water Tap In. Please confirm you are aware of this and no further action is required by Endeavor Construction.	CMTA	03/07/13	03/15/13	Acknowledge existing conditions and note that all new water main shall be installed as specified at a 36" depth.	03/15/13
18	4/2/2013	There is a problem with the slab elevation under the softball press-box. We are preparing to dig footers today in preparation of pouring this area and can install the work per the drawings but this is problematic. Please see attached RFI description and drawing and advise A S A P.	JG/SM	04/02/13	04/02/13	Make finish elevation of Softball Press Box ground floor (Storage 301) 490.60' to match adjacent elevation of new exterior and existing concrete pad. This change is to make 490.60' the new 100'-0" elevation for the Softball Press Box building. All spot elevation numbers throughout architectural drawings for this building will still be relevant. Any necessary adjustments to the new concrete pad spot elevations adjacent to the Softball Press Box building will be made by Field Order as soon as possible. Contractor to coordinate adjustments to previously approved steel stair shop drawings as required.	04/02/13
19	4/8/2013	The depth of the sanitary line that runs down Corridor C is such that it must be installed in the center of the corridor to maintain the angle of repose from the footings. This will cause the storm line to be in conflict with the sanitary line all the way down the Corridor C run. We would like to change the route of the underground storm line as follows. Where the 8" storm exits the building, we would like to turn up in Room 122 (with a CO located near door to exterior) through Corridor C and Electrical Room 114 to Corridor A (another CO installed) and run through Corridor A to Corridor B (CO at end of the run) catching all vertical drops along the way and maintaining no conflicts with the sanitary piping. Is this acceptable?	CMTA/RTA	04/08/13	04/09/13	The proposed new location is acceptable. Please note that the designed route is considered in the zone of influence and specification 312316.13, part 3.06-C-3 applies. Therefore, either route, proposed or designed, is acceptable. RTA does not anticipate additional charges to the project as a result of this RFI response. Please note any changes in the Sanitary Drain route in the Record Drawings.	04/09/13

Request for Information (RFI) Tracking Log

Project Name: Gallatin County Alternative School & Field House

Warsaw, KY

Contractor: Endeavor Construction

Project Number: 0914

[illegible]

Engineering Observation Report



Project **Gallatin County Alternative School & Fieldhouse**
Location **Warsaw, Kentucky**
Architect **Ross Tarrant Architects**
Contractor **Endeavor Construction**
Observed By **Paul Davis**

Project No. **2009-167.01**
Date Observed **April 10, 2013**
Sheet **1** of **2**
Weather **Cloudy, 60s**
ph. (615) 255-5537 fax (615) 255-1486

An engineering observation was performed on this date specifically to review foundation work completed to date, to attend the monthly progress meeting and to hold a CMU preconstruction meeting. The following items were observed and discussed:

1. The installation of displacement aggregate piers has been completed and the placement of concrete for wall footings has started. The sections placed thus far were observed to be neatly installed with dowel spacing and projection properly placed as indicated in detail 4/S2.1.



2. The continuous bars and dowels within footing sections scheduled for concrete today were reviewed. The bars were properly supported and the reinforcing steel was tied and secure. CSI is performing all required testing and special inspections. Special Inspector, Daniel Huffaker, was on site this date. He said that the reinforcing steel placed thus far was installed as indicated in the structural drawings. No deviations had been reported.



3. The footing and stem walls have been placed for the softball press box and for the football press box. Today the slab-on-grade was placed for the softball press box. Quality of concrete construction observed today was very good.



4. Following the monthly progress meeting a masonry preconstruction meeting was held in the construction trailer. Attached are the General CMU Construction Notes which were reviewed and discussed.

ddl

c: John Gilbert, Ross Tarrant Architects, jgilbert@RossTarrant.com
Greg Hosfield, RTA, ghosfield@RossTarrant.com
Steve Maggert, RTA, smaggert@RossTarrant.com
Nathan Beiersdorfer, Endeavor Construction, ndb@endeavorconstruction.com
David Beiersdorfer, Jr., Endeavor Construction, dmbjr@endeavorconstruction.com
Ken Jones, Endeavor Construction, kenj_56@yahoo.com
Adam Jacob, Jacob Masonry, ajacob@jacobmasonry.com
Shayne Brashear, CSI Kentucky, sbrashear@csikentucky.com
Charles Haynes, Robert Bovine, Paul Davis, SDG

Enclosure

Gallatin County Alternative School & Fieldhouse

GENERAL CMU CONSTRUCTION NOTES

1. Mortar Joints: Typically CMU walls are the final wall finish. Therefore, the client evaluates the project based on final appearance of the CMU workmanship. Mortar joints are to be 3/8-inch wide, consistent throughout project and aligned with intersecting walls (the width of the control joints is to match the mortar joints).

Typically, the inside mortar joints are tooled, and the exterior mortar joints are just scraped. The exterior mortar will dry and some will fall out of the joint leaving voids. The voids will be channels to allow moisture back into the building. All voids have to be pointed prior to application of any damp proofing or sheathing. It is recommended that the exterior joints be compacted during placement to eliminate the majority of the voids and follow up pointing.

At wall intersections, rake mortar joint such that the joint can be caulked.

2. Running Bond Construction: CMU walls are to be constructed running bond, not stacked bond unless specifically address by SDG.
3. Thru Wall Flashing: Only install the thru wall flashing onto the face shell of the block. Don't interrupt the grouted/reinforced cell.
4. CMU Control Joints: Control joints are the tool used to prevent random shrinkage cracks in the CMU walls. The spacing of control joints should not exceed 28 feet. Control joints are to be formed using the preformed Tee. All CMU masonry walls (exterior walls, interior walls, loadbearing and non-loadbearing walls) that exceed 28 feet in length require control joints.

The recommended control joint locations have been indicated on the structural plans as CJ. All control joints are intended to be on coursing. Control joints are not to be constructed in line with masonry openings. Locate control joints a minimum 2 feet from any masonry opening. Review the Architectural and Mechanical drawings for openings that may not be indicated on the structural drawings.

The joist bearing bond beam and top of wall bond beam is to be constructed continuous without joints. Do not construct control joints through bond beams/tie beams, neither in the face shell nor grout/reinforcing steel.

Brick control joint locations are indicated on the Architectural drawings.

5. Grout: Fill cells with coarse grout. Do not use mortar. It is acceptable to site-mix grout, typically for lintels and small placements. Portland cement is used in the grout mixture. Masonry cement is used in mortar.
6. Grout lifts: The low lift procedure, between 4 and 6 feet of grout lift, is recommended. Maintain clean cells. Visual inspections are required prior to grout placement.
7. Placement of Reinforcing Steel: Reinforcing steel requirements are indicated on the foundation plans, and on the general CMU layout detail 1/S3.1. Vertical reinforcing steel is required as scheduled on the plans and sections, each side of the control joints, opening jambs, and at beam

bearing locations. All exterior wall reinforcing steel and all shear wall reinforcing steel is to be cast in place. Other interior wall reinforcing steel can be epoxy adhered. Control joint reinforcing steel can be epoxy adhered.

Vertical reinforcing steel is to be centered in the CMU cells. Rebar does not have to be tied at lap splice. Lap splices are typically 48 times the bar diameter, #4=24", #5=30", or as indicated on the structural drawings. After bars are installed and grouted, the bar should be maintained in the center of the cell. The last lift of vertical reinforcement should be to within 2 inches of the top of bond beam.

8. Lintels: CMU lintels in a load bearing CMU wall are indicated on the foundation plans as a "L", scheduled in detail 3/S3.1. CMU lintel reinforcement is to be continuous without splices. The reinforcement extends beyond the opening a minimum 16 inches.
9. Openings thru Walls: CMU penetrations are to be constructed with appropriate CMU lintels. Openings for ducts or pipes through CMU walls are not to be chipped thru the wall after the wall is complete.
10. Shear Walls: Shear walls are designated on the plans. The top of the shear walls will have an embed plate and the roof deck is to be welded to the embed plate. See detail 16/S4.1.
11. Non-Loadbearing CMU Walls: Provide CMU wall bracing at top of wall when distance between intersecting walls exceeds 30 feet. The full height walls are braced to the roof deck, see detail 5/S3.1.
12. Joist Bearing: The joist bearing bond beam is 16 inches deep constructed using an 8-inch U block and an 8-inch regular block. The joist bearing plate bears directly on the web of the standard block. It may be necessary to add additional grout during joist bearing plate installation as grout tends to shrink and settle after placement.
13. Slip Connections: Structural steel beams should have a slip connection at one end, see detail 2/S3.1. The other end can be welded. Structural steel expands and contracts at a different rate than the CMU and cracks will occur if the slip connection is not constructed.
14. Testing CMU construction materials will be performed by CSI. See notes listed under Concrete Masonry on Sheet S0.2. Prior to grout placement, the inspector is to verify reinforcing steel size and spacing and cleanliness of the CMU cells. Grout samples can be molded similar to concrete tests if the grout is supplied from the concrete company. Sample block one time from each of the building, and mortar at least twice from each building.

If it looks good it will be good. If it looks sloppy, additional tests and inspections will be required.

Copy all tests to SDG, RTA, Contractor, Owner.

April 11, 2013

TO: Dorothy Perkins, Superintendent
Gallatin County Schools

FROM: Steven Maggard, PE, LEED GA and,
John C. Gilbert, LEED AP
RossTarrant Architects, Inc.

RE: Gallatin County Alternative School & Field House
Gallatin County, Kentucky
BG 12-133
RTA 0914

PRESENT AT SITE: John C. Gilbert, LEED AP , Steven Maggard, PE, LEED GA, Paul Davis (SDG), Ken Jones (Endeavor)

An observation was made Wednesday April 10th as noted below. Weather was sunny and in the low 80's.

1. The Alternative School/Field house building grading is at pad subgrade level. Aggregate Piers have been completed and footers are being installed. There were a few instances where the aggregate piers had been trenched through for the footer, causing the trench wall to fall. It did not appear to be an alignment problem or anything of concern; the piers were simply wider than the trench. Paul Davis looked at one of the locations and confirmed the pier was the full width of the trench. Ken Jones confirmed they were checking every pier before installing footers.



2. The softball press box pad was being installed.



3. The concession building footers were complete and grading was at subgrade level. The 57 stone shown in the picture will be capped with 4" of DGA under the building pad per Ken Jones. It was discussed that if any utilities are in the zone of influence they should be backfilled with flowable fill.



4. Electrical conduit was being installed to Park Road.



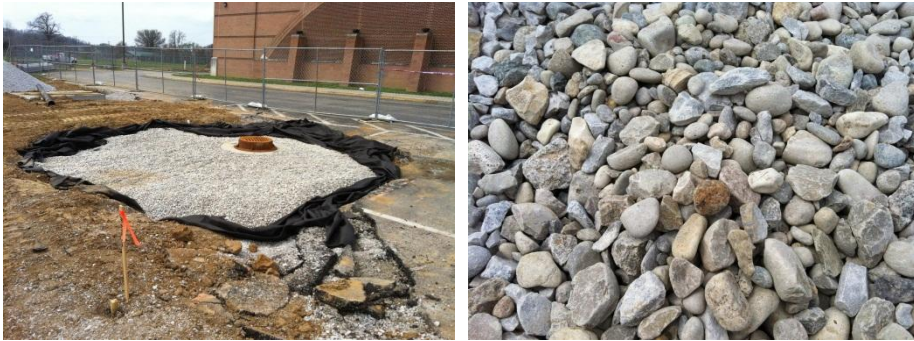
5. Geothermal Wells were being drilled.



6. The large storm drainage trunk line has been installed.



7. For the most part, Drywell DS-6 had clean stone. There was one small area of dirty stone, but is not significant enough to alter the performance. The type of stone appeared to be river rock instead of 57 stone, which is an acceptable substitute.



8. Various materials are being stored onsite as shown in the photos below. Contractor is still needing to verify that the manufacturer is acceptable of the storage method of the hollow metal frame doors.



9. Contractor to verify the intended use of the 8 conduits in the trench photographed below and that the duct bank has been installed per details on UE1.3 and NOTE 5 on UE1.2.
- a) Contractor has stated that the 8 conduits are lighting conduits for the Field Light, Flag Pole Lighting, and Scoreboard.
 - b) The Contractor has noted in a conversation that the details on UE1.3 (specifically the detail called C/E5.3 on this sheet) is being installed per the plans except that the rebar was not installed in the concrete as specified.



10. Contractor to verify the sweeping ell PVC conduit that turns up should be 4".
- a) Contractor has stated the 4" conduit is located elsewhere in the building. The location should be verified by the Contractor.



END FIELD OBSERVATION REPORT

Prepared By:

Steve Maggard, PE, LEED GA

/jcg

- c: Dorothy Perkins, Gallatin County
Leonard Whalen, Gallatin County
Ronald E. Murrell, Jr., AIA, LEED AP BD+C
David Beiersdorfer Jr. Endeavor
Ken Jones, Endeavor
Tom Wessling, CMTA, Inc.
John C. Gilbert, LEED AP
Greg Hosfield, AIA, LEED AP, BD+C
File 0914-4C
FOR130410-0914