



November 6, 2009

Mr. Gary Milby
Hardin County Schools
65 W.A. Jenkins Road
Elizabethtown, Kentucky 42701

Re: North Middle School
SCB Project No. 0719

Dear Gary:

Sherman Carter Barnhart will be presenting at the board meeting on Thursday, November 19, at which time we will be reporting on the construction progress of the North Middle School project. Please also distribute to the board members a copy of the attached construction progress meeting minutes, as well as a list of construction items completed within the last 30 days and work anticipated the next 30 days.

No Action Items.

If you have any questions or comments about this information, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Myra Vaughn".

Myra Vaughn AIA, LEED[®] AP
Project Architect

c: Kenny Stanfield

October 29, 2009

PROGRESS MEETING MINUTES #16

Re: North Middle School
SCB Project No. 0719

Date: October 29, 2009

Present: See attached Sign-In Sheet

Review of previous minutes

Previous meeting minutes were reviewed; there were no comments.

Schedule

1. The current estimated completion date is the week of December 7, 2009.
2. Alliance advised of the following target dates.
 - a. Final asphalt paving is to be installed the week of November 2, 2009.
 - b. Alliance's preliminary inspections of completed areas will begin the week of November 2, 2009. Following the total completion of areas, Alliance will secure these areas. Any sub-contractor requiring access to totally completed areas must coordinate same with Alliance.
 - c. Substantial Completion is scheduled for the week of November 13, 2009.
 - d. Owner-provided furniture is scheduled for delivery the week of December 7, 2009. Alliance will coordinate with HCS personnel the stripping and waxing of VCT prior to delivery of the furniture.
3. HCS advised of the following preliminary target dates.
 - a. Student "new building" orientation is tentatively scheduled for the week of December 14, 2009.
 - b. Open house is tentatively scheduled for January 2010.

Work completed to date

Refer to Alliance Corporation's October 29, 2009, Project Summary (copy attached).

Anticipated work

Refer to Alliance Corporation's October 29, 2009, Project Summary (copy attached).

Delivery dates

None at this time.

Shop drawings

None at this time.

Change Orders/ASI

1. SCB advised that Change Order No. 5 is currently being assembled (refer to the "Itemization of Change Order No. 5" attached to these minutes).
2. SCB referred to "ASI Itemization" (copy attached to these minutes).

Pay request

Immediately following this progress meeting, SCB processed Application and Certificate for Payment No. 17 and submitted copies to the Owner.

Record drawings

John DeBrabander of Alliance Corporation is responsible for maintaining "as-built" documents throughout this project.

Daily clean-up

SCB and Alliance advised that all affected areas must be kept secure and free of excess debris. Alliance again reminded all subcontractors to maintain a clean project site, and again advised that subcontractor debris not removed when requested will be removed by Alliance at the subcontractor's expense. Alliance previously advised that food, beverages other than water, and smoking will no longer be allowed in the building.

Safety issues

Refer to "Daily clean-up".

New business

1. Owner's comments: Gary Milby requested clarification regarding installation of security cameras. Simplex advised that camera installation is tentatively scheduled within the next two weeks.
2. Architect's comments:
 - a. Myra Vaughn requested the status of the previously discussed issue regarding application of sealant at all windowsills. Alliance advised that installation of sealant is ongoing.
 - b. Myra also advised that a review of the markerboard and tackboard locations and installation will be performed immediately following this meeting.
4. Consultant's comments:
 - a. Whitley Casey, of STW, requested the installation status of the service and data cables. Simplex advised that installation of these cables is tentatively scheduled for mid-November.
 - b. Whitley requested Alliance's aid in the coordination of dates for Division 17 systems training of

- HCS personnel.
- c. Dave Riddell, of STW, advised that flushing of the geothermal loop systems was performed on Wednesday, October 28, 2009, and witnessed by STW and Alliance personnel. Dave further advised that a report of this task is forthcoming.
 - d. STW and GBMC will further review the specified activation of heat pump systems immediately following this meeting.
 - e. HCS requested that new mechanical units be identified with their appropriate rooms or areas.
5. Contractor's/Subcontractors' comments:
- a. John DeBrabander requested that the following issues be reviewed immediately following this meeting.
 - 1. *Kitchen electrical disconnect.* STW will review.
 - 2. *Provide fire extinguisher in elevator equipment room.* SCB directed Alliance to proceed with this issue.
 - 3. *Desired threshold type for loading dock access doors.* SCB will further review.
 - 4. *Termination of exterior soffit ceiling panels at brick columns.* SCB will further review this issue.
 - 5. *Required modification of removable handrails at the mechanical mezzanine.* SCB will further review this issue.
 - b. Derrick Akers advised that once carpet is installed, Alliance will provide a protective cover for the carpet. Any subcontractor found damaging or soiling the carpet after installation will be held liable.
 - c. Derrick reminded all subcontractors of the importance of project completion. Derrick further advised that any subcontractor failing to perform after notification will be penalized.
 - d. Derrick requested clarification regarding the need for an additional 1,100 L.F. of fencing, thus allowing closure as desired by HCS. Derrick advised that the cost associated with the additional fencing would be \$6.50/L.F. HCS and SCB advised Alliance to proceed with the installation of the additional fencing.

Next scheduled meeting

The next progress meeting will be held Tuesday, November 24, 2009, at 9:30 a.m., inside the new building, exact area TBD. All persons must access the project site through the Hwy. 333 entrance.

End of meeting minutes.

Sherman Carter Barnhart PSC

PARTNERS IN ARCHITECTURE
100 MALLARD CREEK ROAD, SUITE 151, LOUISVILLE, KY 40267 502-721-6100 FAX 502-721-6111

SIGN-IN SHEET

Project North Middle School (Hardin County) Project No. 0719 Date OCT 29, 2009

(IMPORTANT: PLEASE PRINT CLEARLY!)

<u>Name:</u>	<u>Company:</u>	<u>Phone #:</u>	<u>E-mail address:</u>
<u>BRIAN ASHLEY</u>	<u>SCB</u>	<u>721-6100</u>	<u>BASHLEY@SCBARCHITECTS.COM</u>
<u>MIKE MCGAUGHEY</u>	<u>STW ENGINEERS</u>	<u>859-277-8177</u>	<u>MIKE@STWENG.COM</u>
<u>STEVE WHEATLER</u>	<u>CBMC</u>		
<u>Steve Boone</u>	<u>HCS</u>	<u>769-6982</u>	<u>Steve.Boone@hardin.kyschools.us</u>
<u>Cathy Cross</u>	<u>HCS</u>	<u>769-8882</u>	<u>Cathy.Cross@hardin.kyschools.us</u>
<u>Debbie Watson</u>	<u>Atlas Metal</u>	<u>779-2145</u>	
<u>Whitney Casey</u>	<u>STW</u>	<u>859-277-8177</u>	<u>whitney.casey@stweng.com</u>
<u>Mike Russell</u>	<u>Concord Roofing</u>	<u>502-957-6063</u>	<u>mrusselle.concordroofing.net</u>
<u>THOMAS HARRISON</u>	<u>Delta Services</u>	<u>502-639-3876</u>	<u>tom@delta-services LLC.com</u>
<u>Garbert Greenmeyer</u>	<u>HEARTLAND ELECTRIC</u>	<u>270-230-2959</u>	
<u>Eddie Don</u>	<u>Triple H. Painting</u>	<u>855-329-1682</u>	
<u>Joe T. Kemmer</u>	<u>Heartland Electric</u>	<u>270-242-9274</u>	<u>Heartland Electric@windstream.net</u>

John DeBRAANDER

ALLIANCE CORPORATION

DENNIS ALLEN

ALLIANCE CORPORATION

CARY MILBY

HCS

MYRA VAUGHN

SHERMAN CARTER BARNHART

Hardin County Schools

North Middle School

Vine Grove, Kentucky

Alliance Corporation Job #08-060

Project Summary – October 29th, 2009

Work completed since September 24th, 2009 :

- Completed rough grading
- Started installation of top soil (75% complete)
- Started landscape plantings (75% complete)
- Started seeding balance of site(85% complete)
- Continued hydronic water piping (99% complete)
- Continued ductwork installation(99% complete)
- Continued installation of kitchen equipment (75% complete)
- Continued mechanical insulation(95% complete
- Continued installation of GRD's (80% complete)
- Completed chilled water and condensate piping
- Completed Geo-thermal well field, including flush and purging of exterior loops
- Continued with metal roof installation (95% complete)
- Continued with soffit and gutter installation(95% complete)
- Completed framing metal stud framing soffits Area " A & D"
- Continued drywall installation – Areas "A, B, C & D" (95% complete)
- Continued acoustical ceiling grid installation – Areas "B, C & D" (95% complete)

- Continued with drywall tape and finish – Areas “A, B, C & D” (90% complete)
- Completed window installation
- Continued storefront installation (70% complete)
- Continued finish painting - Areas “A, B, C & D”(95% complete)
- Continued interior light installation (85% complete)
- Started building exterior mounted lighting (50% complete)
- Continued installation of exterior doors (95% complete)
- Continued installation of sprinkler heads(95% complete)
- Continued temperature controls (95% complete)
- Continued Division 17 work – direct for Owner
- Continued installation of VCT (80% complete)
- Completed installation of laboratory casework
- Started cabinetry/counter installations(75% complete)
- Continued installation of ceiling tile (75% complete)
- Continued installation of toilet fixtures (90% complete)
- Continued installation of lockers (85% complete)
- Continued fire alarm installation(85% complete)
- Started quarry tile installation(99% complete)
- Continued ceramic tile installation (99% complete)
- Started installation of wood flooring (35% complete)
- Started installation of toilet partitions and accessories (85% complete)
- Installed flag pole
- Started installation of signage (50% complete)
- Started installation of markerboard/tackboards (25% complete)

Anticipated work in the next 30 days:

- Complete all metal roof and soffits
 - Complete brick and cast stone at seat walls, and sign
 - Complete finish paint Areas "A, B, C & D"
 - Complete elevator inspection
 - Complete duct installation
 - Complete mechanical piping
 - Complete lights, diffusers and sprinkler heads
 - Complete installation of curtain walls
 - Complete final grade and installation of topsoil
 - Complete installation of ceiling tile
 - COMPLETE** • ~~Continue~~ installation of vinyl composition tile
 - Complete installation of lockers
 - Complete installation of casework
 - Start and complete carpet installation
 - Complete drywall all Areas
 - Complete finish electrical
 - Complete temperature controls
 - Complete mechanical installations
 - Complete balance of seeding, sod and plantings
 - Complete asphalt paving
 - Complete wood flooring installation
 - Start bleacher installations
 - Complete food service equipment installations
 - Complete carpentry and casework in Media center
 - Install reception desk and display cases
 - Complete markerboard and tackboard installations
 - Complete installation of projection screens
- START WOOD DOOR INSTALLATION**

North Middle School
SCB Project No. 0719

Itemization of Change Order # 5

	<u>\$ Add/Deduct</u>
1. (COR 011 / ASI #24) Revise electric breaker sizes for the freezer compressor and HP-118, per drawings E2.6A, E4.1.E, E5.4.D E5.5.C <i>Add of \$000.00 (0 days)</i>	\$000.00
2. (COR 21 / PR 016) Provide and install a Watt Stopper EM-24D2 photocell. Connect to one of the lighting control panels. Install per manufacturer's recommendations and instructions. <i>Add of \$724.500 (0 days)</i>	\$724.50
3. (COR 23) Additional well casing required for installation of the geothermal wells. Total of 00,000 LF of casing for 00 holes, allowance of 9,420 LF, total additional well casing of 00,000 LF at \$18.70/per LF (unit cost). <i>Add of \$180,616.00 (0 days) -- Found</i>	\$180,616.00
4. (COR 24 / PR ASI #27) New routing of HP-104 ductwork as shown on drawings M1.1B and M4.1B <i>Add of \$1,255.60 (0 days)</i>	\$1,255.60
5. (COR 1 rev / Division 17) Replace Panduit CAT 6 riser cable with Mohawk indoor-outdoor cable at all drops under concrete slab. <i>Deduct of \$15,198.00 (0 days)</i>	(\$15,198.00)
6. (PR #17) Provide Spartan Logo at center of Gymnasium court <i>Add of \$5,573.27 (0 days)</i>	\$5,573.27
7. Provide vertical blinds at all exterior windows <i>Add of \$15,712.45 (0 days)</i>	\$15,712.45

Total Add to the contract: \$188,683.82

Architects Supplemental Instruction Log

PROJECT NAME: North Middle School S-C-B JOB NUMBER: 0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
1	07/09/2008	Due to the Owner's purchase of wall-mounted projectors in lieu of ceiling-mounted projectors, locations of the projector receptacles and data connections are revised as follows (referenced drawings are attached to this ASI). 1. Per drawing E2.1A, delete the floor box in the band room. The rough-in for the interactive board shall be installed as shown on drawing E5.3A. 2. Per drawing E2.3A, delete the floor box in the media center used for powering the projector, and add a receptacle and junction box above the interactive board as shown	BTB	
2	07/31/2008	1. Refer to Door 305B at Mechanical Service Platform 305 in the Contract Documents. Prepare face of doors on Gymnasium 123 side to receive paint. Paint colors to match adjacent Gymnasium wall. 2. Refer to Gymnasium 123 in the Contract Documents. Prepare interior face of all Mechanical Louvers to receive paint. Paint colors to match adjacent Gymnasium wall.	MM	
3	07/31/2008	Delete color code painting of exposed piping and duct at exposed area of mechanical rooms and platforms as indicated in Specification Section 09910 - Painting. Provide deduct cost amount.	MM	4

PROJECT NAME: North Middle School S-C-B JOB NUMBER: 0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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4	07/31/2008	Refer to Sheet A1.1 - Partial Floor Plan Area "A" and Details, Detail E/A1.1 "Section Thru Display Case." Revise per the attached ASI drawing 4.01 "Revised Detail".	MV	
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5	07/31/2008	Refer to Sheet SD3.2 - Site Development Details, Detail C/SD3.2, "Monumental Site Sign." Revise per the attached ASI drawing 5.01 "Revised Site Signage Details".	MV	
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6	07/31/2008	Refer to attached Drawing No. ASI 8.01, "Partial Toilet Partition Elevation" for clarification of the ceramic wall tile wainscoting as indicated in restrooms Women 118 and Men 120 of the Construction Documents.	MV	
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7	07/31/2008	Per the ASI drawings, revise the partition types indicated with "EX" to the revised details as indicated in the ASI drawings. Omit bullnose edges as indicated in the ASI drawings. Provide deduct cost amount. Drawing No. ASI 7.01, "Enlarged Floor Plan" Drawing No. ASI 7.02, "Enlarged Ceiling Framing Plan" Drawing No. ASI 7.03, "Details"	MV	
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PROJECT NAME:

North Middle School

S-C-B JOB NUMBER:

0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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8 09/03/2008 Refer to attached detail E5.3C "Projection System Diagram" for clarification of the mounting height of media shelves in the classrooms. BTA

9 09/12/2008 1. Per the attached drawings E2.7.A and E4.1.A, switch the electrical connection for unit heaters 01 and 02, delete the 600-volt, 30A, 3-wire disconnect and add a 277-volt, single pole, 20A motor starter. BTA
 2. Per the attached drawing E4.1.B, delete the 600-volt, 100A, 3-wire disconnect at the kitchen hood for the rooftop unit's electric heat. The connection shall extend directly from panel ML4 to the rooftop unit, which has an integral disconnect.
 3. Revise the panel schedule per the attached drawing E5.4.C.

10 11/04/2008 Per attached ASI drawings 10.01-10.09, eliminate markerboards and replace tackboards as indicated. In Media Center 157, omit three 4x6 markerboards as indicated on drawing Sheet A2.1. Provide deduct cost amount prior to performing work. MV

11 11/04/2008 Refer to Sheet A3.5 - Interior Building Elevations, Elevations A & B/A3.5. Revise per the attached ASI drawings 11.01 and 11.02. MV

PROJECT NAME: North Middle School

S-C-B JOB NUMBER:

0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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12	11/20/2008	Refer to the attached ASI #12 drawing for clarification of clearances around proposed electric transformer and generator. Contractor shall refer to Mechanical and Electrical drawings for additional information.	MV	
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13	12/02/2008	Refer to the attached drawing for clarification of the top of wall elevation as relates to the architectural finish floor elevation; replaces detail B/SD3.2 in the original bid set.	MV	
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14	12/30/2008	Revise ceiling heights per the attached ASI drawing #14.01. Refer to Reflected Ceiling Plan drawing sheet A6.3 for typical notes, etc., U.N.O.	MV	
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15	02/19/2009	Refer to the attached drawing for clarifications of dimensions shown on Sheet SD1.3, plan enlargement C, of the contract documents.	MV	
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PROJECT NAME: North Middle School S-C-B JOB NUMBER: 0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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16	02/19/2009	1) Refer to attached drawing ASI #16 for clarification of utility (transformer) pad layout. 2) Refer to attached drawings ASI #16B and ASI #16C for utility (transformer) elevation/section. 3) Refer to attached drawing ASI #16D for additional dimensioning on Service Plan enlargement C.	BTA	
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17	04/09/2009	The mechanical contractor may use Snap-Rite adjustable 90-degree elbows for connections to diffusers, in lieu of the "Sheet Metal Boot Detail" and "Typical Diffuser Runout Detail" shown on Drawing M6.1.	BTA	
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19	06/03/2009	Refer to the attached drawing "A" for clarification of planter walls layout at the bus loop plaza. Details clarifying the relationship of planter walls to adjacent canopy column are shown on the attached drawings "B" and "C".	MV	
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20	06/03/2009	Provide yard hydrant for maintenance building in lieu of wall hydrant, as shown on the attached drawings S2.3A and S2.3B	BTA	
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PROJECT NAME:

North Middle School

S-C-B JOB NUMBER:

0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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21	06/26/2009	Refer to the attached ASI No. 21 drawing N/SD3.0 for clarification of sealwall materials and construction.	MV	
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22	07/07/2009	A slight revision to the rim elevation of CI-7 is required, per the attached ASI No. 22 drawing SD2.3. CI-5's rim elevation is correct as shown; engineer's intent is to provide positive drainage to CI-5 and for rim elevation to be flush with bottom of curb.	BTA	
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23	07/23/2009	Contractor may mount the elevator controls on the adjacent CMU wall surface as shown on the attached drawing, provided the controls are mounted at an acceptable height per ADA guidelines.	BTA	
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24	09/09/2009	Revise electric breaker sizes for the freezer compressor and HP-118, per the attached drawings E2.6A, E4.1.E, E5.4.D and E3.5.C	BTA	
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PROJECT NAME: North Middle School

S-C-B JOB NUMBER:

0719

ASI NO.	DATE ISSUED	DESCRIPTION	ISSUED BY	C.O. NO.
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25	09/14/2009	Revise the bottom of suspended ceiling height in Vestibule 110 from 10'-0" a.f.f. to 9'-4" a.f.f. Also revise the bottom of suspended ceiling heights in Men's Restroom 120 and Women's Restroom 118 from 10'-0" a.f.f. to 9'-4" a.f.f.	MV	
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This will address the revisions per RFI #70 to allow for mechanical ductwork clearances and light fixture clearances.

26	09/17/2009	Provide 18" wide free-throw lines (1" thick, gray stripe) at 4 auxiliary basketball goals in Gymnasium 123.		
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27	10/09/2009	Refer to attached drawings for new routing of HP-104 ductwork. The ductwork shall be routed through the mechanical service platform slab as shown.	MV	
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28	10/14/2009	Contractor is to replace the P4 and P5 sinks originally specified for the following rooms with new 19x17 models with the same depth: Vocal 117 (P4A), First Aid 140 (P4A), Workroom 142 (P4A), Art 236(P5&P5A), and Extended Learning 243 (P4A).	BA	
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The plumbing contractor has stated that the replacement sinks can be provided at no additional cost. The contractor is to submit, for Shroud Tate Wilson's review, a pdf cutsheet of the replacement sink, or e-mail the consultant the model number.