



March 1, 2012

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

Re: March School Board Meeting

Dear Gary:

Sherman Carter Barnhart will be present at the board meeting on Thursday, March 15, 2012 at which time we will be reporting on status for the following projects nearing project closeout:

Renovation to Radcliff Elementary – Phase 3

Please refer to the submitted final completion punchlist for items remaining for final completion. Only very few items remain on the final punchlist report. Majority of the items require completion in the spring. Sherman Carter Barnhart is in the process of generating final project closeout documentation to be approved by the board of education in the next few months.

North Middle School

Remaining items to be addressed by Alliance Corporation include verification of grass growth along entrance road to school, refinishing of gymnasium wood flooring, addressing roof leak in Kitchen Office, and performing ASTM masonry water testing at brick masonry above Gym corridor to verify location of ongoing water infiltration in this area. Masonry water testing to occur on March 5 (weather permitting).

If you have any questions, please feel free to contact me.

Sincerely,

Myra Vaughn AIA, LEED[®] AP
Project Architect

January 20, 2012

FINAL COMPLETION PUNCHLIST REPORT

Per Morel Construction, only remaining items in the final completion punchlist are those highlighted in **YELLOW**.

Re: Renovation to Radcliff Elementary School – Phase 3
SCB Project No. 1004

March 1, 2012

Date: January 18, 2012

Report by: Myra Vaughn

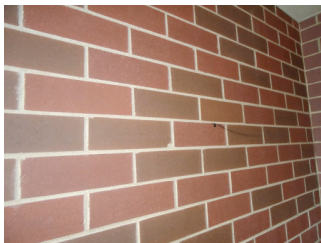
At the final completion punch review of the referenced project, performed on Wednesday, January 18, 2012, the following items were found to be incorrect or incomplete. Please note: The final completion punchlist review does not include roof review. Contractor to verify that all items identified in the substantial completion roof punchlist review have been addressed.

Note: Item numbers listed below correspond with the item numbers indicated on the original substantial completion punchlist reports.

Exterior Building

Note: The item numbers listed below correspond with the exterior building punchlist report issued on November 23, 2011. The items and attached photos below also correspond with the exterior building elevations submitted with the original November 23, 2011 report.

East Building Elevation (Front of Building)



2. Remove black marks on face brick, to right of entry masonry portico.



3. Insufficient sealant at steel lintels. This is typical at all exterior building elevations and walkway covers.



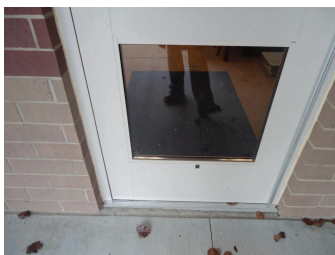
4. Patch and repair brick masonry around hose bib connection. Hose bib cover is crooked.



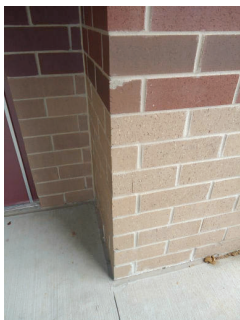
6. Gaps at brick masonry cavity vents, typical all exterior building elevations. Confirm all cavity vents are properly installed.



13. Readjust recessed can light fixture.



14. Clean all exterior doors, glazing, and provide threshold sweeps.



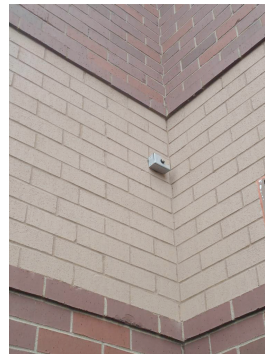
17. Chipped and damaged face brick at pilaster.



20. Brick and mortar repair to match adjacent brick and mortar.



24. Red sealant around louver painted to match existing adjacent face brick stain.



25. Verify if electrical outlet box was to have been removed.



26. Existing wall anchors/penetrations to have been removed and patched prior to staining of brick.



32. Paint exposed masonry lintel at overhead door.



33. Per project specifications section 08334 – Overhead Coiling Doors, pull-down straps or pole hooks to be provided for overhead doors more than 84 inches high. Overhead door E129 at Preschool Playground Storage 129 should have received one of these items.



34. Due to the use of sidewall freeze-proof sprinkler heads in the exterior Preschool storage, the gypsum ceiling was removed, as the sprinkler heads would have been above the ceiling height. However, the sprinkler heads are too low from roof deck above in order to meet sprinkler code. STW and SCB to verify and coordinate solution with Morel.



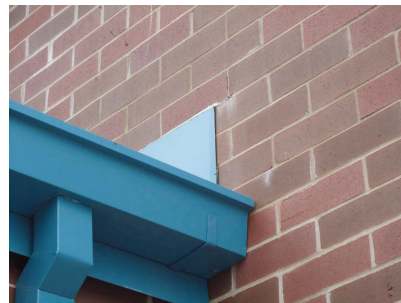
38. Insufficient accent color brick stain.



42. Insufficient accent color brick stain.



43. Patch brick at hose bib connection.



47. Inadequate sealant at metal roof flashing.



49. Readjust recessed can light fixture inside main entry masonry portico.



52. Exposed wood blocking behind gutter fascia.



53. Seal gaps around perimeter of aluminum window frames at Cafeteria clerestory window. Seal gaps at aluminum window frame seams. *(Contractor to confirm completion of this item).*



54. Incomplete installation at head of aluminum window units at Cafeteria clerestory window, typical. Paint exposed steel lintels. Seal gaps at aluminum window frame seams. *(Contractor to confirm completion of this item).*



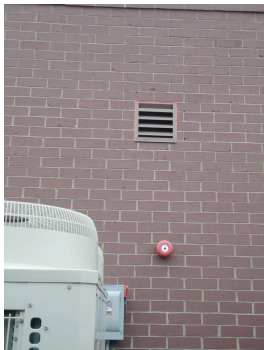
55. Lacking sealant around perimeter of aluminum window units at Cafeteria clerestory windows. Paint exposed steel lintel. *(Contractor to confirm completion of this item).*

Note: The exterior Maintenance Building located behind west building elevation, is not complete. Contractor anticipates metal roof material to be delivered to site within the next 3 weeks.

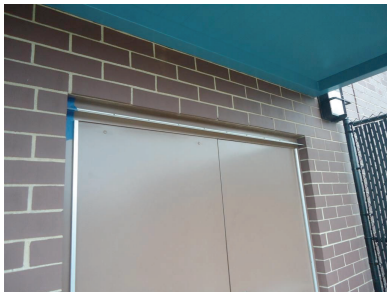
North Building Elevation



2. Remove existing metal bar and repair brick stain below existing bar.



4. Red sealant around louver painted to match existing adjacent face brick stain.



9. Remove blue tape from exterior doors.



10. Red sealant around louver painted to match existing adjacent face brick stain.



11. Repair and replace building expansion joint material, full height.



13. Remove brick stain from perimeter window sealant.



14. Verify exposed open PVC piping.



16. Existing concrete base at grade of existing exterior brick wall is in disrepair. SCB to discuss with Owner potential options for addressing these existing conditions.

West Building Elevation



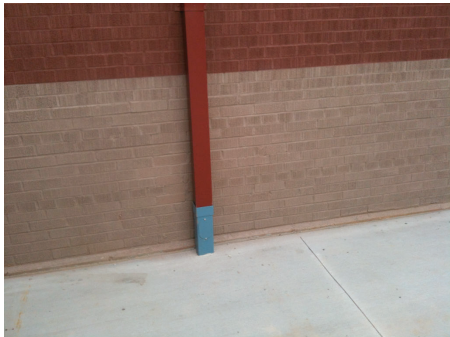
4. Leak at gutter at bus walkway cover.



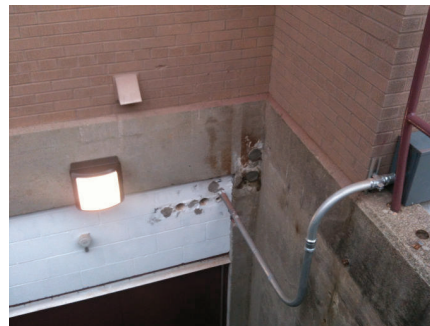
8. Verify exposed open PVC piping.



19. Substantial water infiltrating through existing concrete stair to lower level storage area. Water infiltration through stair also “rust” color.



12. Incorrect downspout boot color at two locations (both sides of existing stair).



20. Patch holes from removed conduit penetrations in existing exterior wall.



14. Remove white substance and staining from poured concrete Kitchen loading dock and stair.

South Building Elevation



15. Insufficient accent color brick stain. Remove dirt and white substance from face brick.



16. Crack in face brick masonry, southeast corner of Cafeteria clerestory. *(Contractor to confirm completion of this item).*



17. Trim weep ropes and flashing at clerestory windows at Cafeteria. *(Contractor to confirm completion of this item).*



18. Excessive gaps in aluminum window frames at Cafeteria clerestory, typical all sides. Paint exposed lintel. *(Contractor to confirm completion of this item).*



19. Patch holes in existing face brick, typ. *(Contractor to confirm completion of this item).*



20. Insufficient pointing at existing brick mortar joints. *(Contractor to confirm completion of this item).*



Note: Gutter at far west corner of walkway cover has reported to be leaking.

Kitchen and Cafeteria

Kitchen 131

6. Construction key cores are still in doors 131D, 131C and 131B (responsibility of Owner).
22. Fly fan above door 131A still not operational. Switch is being replaced.
48. Bent hot food well steel covers at hot food counters. The covers were provided by Owner and were not part of new kitchen equipment contract. NIC - not part of contractor's responsibility.
60. Patch and repair around electrical outlet at low stainless steel partition, west face directly across from cooler door.
67. Bent ceiling trim at central location in Kitchen, above hot food counter at south end.

Vestibule 131A

1. Patch and repair holes at the right of doorframe E131A and behind push bar.

Dishwashing 132

14. Verify hole and plastic device protruding at west wall, to the right of the triple-compartment sink on south wall.

Dry Food Storage 133

13. Patch and repair holes in masonry wall, behind wall-mounted fire extinguisher, and touch-up paint

Cafeteria 130

3. There are numerous areas of protrusions beneath the VCT floor tile throughout the Cafeteria, which need to be addressed, removed, and the VCT floor tile needs to be replaced in these areas. Most of these have been addressed, however some protrusions were still noted.
4. There are protrusions beneath the blue VCT floor tile that extend from the northeast corner adjacent to existing Laundry 122 to the west wall adjacent to Kitchen. Most of these have been addressed, but some remain.

5. Patch and repair excessively deep vertical masonry mortar joints visible around the perimeter of the coiling counter shutter, as well as on west wall, east wall, and all areas of new masonry construction.

15. All door hardware currently has construction key cores – Owner responsibility.

NIC - not part of contractor's responsibility.

26. Remove excessive mortar around top of brick soldier coursing at masonry piers, directly beneath the stone cap.
51. Touch up paint around perimeter of ceiling-mounted projection screen at north wall.

MEP Item: Verify lighting controls have been programmed and coordinated with the HVAC controls. Verify that the wall-mounted light fixtures in the clerestory are functional.

Vestibule 130

17. Construction key cores are still placed within Doors E130A – Owner responsibility.

NIC - not part of contractor's responsibility.

19. Gaps within thermal sealant material around perimeter of exterior door within aluminum storefront system at Doors E130A. Daylight is visible through jamb conditions at exterior doors. Continuous weather stripping needs to be provided at the door locations to provide a thermal break from the exterior to the interior of the vestibule.

Note: At time of review, the heater in this vestibule was not working. Contractor to verify if ceiling heater is functioning properly.

Entrance Lobby

Vestibule 100A

3. Eliminate excessive gaps at joints of aluminum storefront framing.
24. Provide continuous weather stripping and sealant around perimeter of exterior doors at E100A and E100B. Daylight is visible through the top jamb locations at both sets of exterior doors.

Note: At time of review, the vestibule was extremely cold. Contractor to verify if heat is functioning properly to this space.

Note: Owner has inquired about providing electrical outlets in this space to more easily provide electric for cleaning equipment.

In Existing Lobby 125, per Phase 1, electrical outlets were to have been installed in this space. Contractor has since installed these electrical outlets as required per Phase 1.

Lobby 100

9. Construction key cores are currently still installed at aluminum storefront doors – Owner responsibility. Clean all associated door hardware.

NIC - placement of key cores not part of contractor's responsibility.

Note: There are still some protrusions beneath the blue VCT floor tile. Most of these areas have been addressed, but some remain.

Media Center

Media Center 185

2. Eliminate gaps between aluminum storefront frame members of Doors 185.
28. Contractor to verify if security cameras installed in Media Center are functional.
36. Touch-up paint at north gypsum wall, right of Activeboard. (Touch-up paint was different sheen than previously installed).
38. Sand and touch-up paint at exposed existing steel column, east face, adjacent to Office 187.

MEP Item: At computer stations, east side of room, the data outlets need to be secured underneath the tables. Wall occupancy sensor switches installed are single pole. Two pole switches were to have been provided.

Office 187

MEP Item: Wall occupancy sensor switches installed are single pole. Two pole switches were to have been provided.

Workroom 186

3. Patch masonry at electrical outlet, south wall. Paint.

Note: Lighting level in this room seemed low. Contractor to verify that lighting in this room is functioning properly.

MEP Item: Wall occupancy sensor switches installed are single pole. Two pole switches were to have been provided.

A/V Room 184

2. Patch and repair masonry adjacent to bottom left doorframe of Door 184B.
6. Smudges and dirt on ceiling tiles, west side of room. Replace ceiling tile with gouges, west side of room.

Note: Water damaged ceiling tile at west side of room. Contractor to verify source.

MEP Item: Wall occupancy sensor switches installed are single pole. Two pole switches were to have been provided.

Gymnasium

Gymnasium 165

13. Missing door sweet at exterior door E165, southeast corner.
23. Contractor to verify operation of wall-mounted electrical projection screen and associated projector.
24. At double doors to Existing Storage 168, transition strip installed is broken and has lost adhesion.

Stair C

27. Threshold sweeps at bottom of exterior double doors in Stair C still missing.

Note: At time of review, Stair C was extremely cold. Contractor to verify if heat is functioning properly to this space.

Existing Gymnasium Storage 170



Note: Per Phase 1 construction, this room was to have received “SO” unrated incidental use separation partition around entire perimeter of this room. Walls were to have been full height and all penetrations in the perimeter walls sealed. However, at time of review, the new west masonry wall was not extended full height to underside of floor decking above, nor were penetrations through perimeter walls sealed. The “SO” rating for this room requires it to be sealed from adjacent spaces.

End of punchlist review.

Should you have any questions regarding this information, please feel free to contact this office.

Sincerely,

Myra Vaughn AIA, LEED® AP
Project Architect

C: Gary Milby, David Wyatt, Rusty Taylor, Mark Deasy, Rick Clauson, Richard Jackson, Ben Sorrell, Mike Bashikhes, Whitley Casey, Brandon Cecil, Mike McGaughey, Bill Grigsby, Kenny Stanfield, Phil Gayhart, Brian Ashley

January 20, 2012

EXTERIOR SITE PUNCH LIST REVIEW

RE: Radcliff Elementary School – Phase 3
SCB Project No. 1004

REVIEW DATE: January 18, 2012

WEATHER: Sunny, low 40's, ½" rain previous day

PRESENT:


Rusty Taylor	Hardin County Schools
David Wyatt	Hardin County Schools
Mark Deasy	Morel Construction
Richard Jackson	Morel Construction
Rick Clauson	Morel Construction
Ben Sorrell	Sherman Carter Barnhart
Myra Vaughn	Sherman Carter Barnhart

The following items were noted during the review:

Items

1. **Repair all ruts and re-seed as required to establish lawn.**

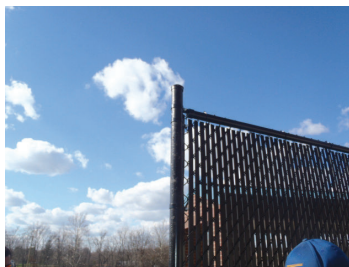
Ruts in these areas were caused by delivery trucks, not by contractor, as witnessed by contractor and Owner during on-site meeting.


2. Replace three panels of cracked concrete at the parent visitor entry adjacent to the flagpole. Concrete has been replaced but needs clean up and removal of excess concrete on top of walk to provide consistent surface.
3. **Provide additional stone at bio swale storm inlets. Still need decorative stone at inlet in bioswale facing 31W.**
4. **Repair all soil piles next to all light pole installations where conduits and wiring were installed. Smooth grade, remove rocks, and seed to establish lawn.**

5. Remove excess concrete/mortar, paint drips and spills from all concrete and storm structures. Still a few areas with excess concrete on walks and curb inlets.



6. Eliminate ponding along south property line adjacent to apartments along fence row. Re-establish erosion control measures and lawn in this area.
7. Adjust utility riser near 31W to be flush with grade. Top has been provided. Provide additional topsoil to meet flush with grade and establish lawn.
8. Remove small tree sapling on north side of site sign along 31W.
9. Provide additional asphalt patch at service area adjacent to utility cap to eliminate trip hazard near kitchen door.
10. Handrail / guardrail assembly at service area modifications are in progress. Finish installation to provide consistent slope on both rails and guard to match cheek wall as well. Handrail heights on either side of stair must match and be consistent from top to bottom. Refer to stair detail for proper heights.
11. Rub concrete tops of bollards smooth. Provide smooth finish prior to preparing, priming and painting bollards.
12. Monitor water on asphalt in visitor drive and at stairwell/coal chute. Investigation and testing underway to determine cause.
13. Adjust gate latch assembly at mechanical yard outside of Cafeteria door to allow proper operation.
14. Inconsistent heights on plastic screening pickets on PVC coated chain link. Adjust to provide consistent height along all chain link fence or provide channel to match bottom channel to create consistent, clean appearance.



15. Flip all grates in gravel mulched areas so they are essentially domed grates to minimize gravel migration into storm inlets.
16. Remove and replace half of cracked concrete panel at parent drop-off.
17. Finish installation of plantings in front of site sign after lights are installed.
18. Lawn maintenance is required by contractor until lawn is established and accepted by Owner via acceptance letter. Continue maintenance and erosion control measures.
19. Finish painting downspout boots to match downspouts on west side of building, near mechanical units.
20. Remove diamond plate and tapcons over electric junction box and repair any damage. Provide junction box flush with sidewalk.
21. Confirm installation of seed mix in bioswale around ballfield. Currently, fescue appears to be the only species in these areas. Reseed in spring as required to establish native species mix listed on planting plan.

End of review.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ben Sorrell".

Ben Sorrell

cc: All present, Gary Milby, Steve Boone, Joan Cooke, Rick Clauson, Myra Vaughn, Kenny Stanfield, Whitley Casey, Mike McGaughey, Brandon Cecil, Tyler Wilson