



## FIELD OBSERVATION REPORT

Lincoln Trail Elementary School, Hardin County Schools, Elizabethtown, KY 201752 -CA8

Date: 11/03/2020 and 11/05/2020

Time: 8:30 AM ET

Weather: Perfect Weather for Completing the Project

Observed by: Joseph Jones

Report No: 37

Est. Completion: 94%

Present on Site:

Tommy Gumm, Billy Parson, Gerald Jones, Pavers, General Trades - Cleaners, Erectors, Carpenters, Roofers, Cabinet Installers, Glazers, Painters, HVAC Installers, Plumbers, Electricians

### 1. Work in Progress

- a. The general trades contractor was cleaning.
- b. Pavers were paving the bus loop.
- c. Roofers were installing copings.
- d. Cabinet installers were installing cabinets.
- e. Carpenters were installing solid surface materials.
- f. Glazers were working on the interior doors.
- g. Painters continued to apply paint and caulking in Area B and exterior items.
- h. HVAC installers were completing commissioning their systems.
- i. Plumbers were installing sinks in casework.
- j. The electricians were installing electrical devices and light fixtures.

### 2. General Observations

On both days that I was on site, the weather was partly cloudy and warming and the site was dry. The purpose of my visit was to determine if the project was ready for a punchlist inspection.

**The following comments are not a punchlist but are meant to provide a list of defects observed on this project and other similar projects and represents defects typically cited on punchlist. The list is not exhaustive. Other defects may be listed in the final punchlist. The engineers will determine compliance with specifications for their portions of the work. Corrections of these defects in advance of the punchlist inspection will hasten the final completion of the project.**

**When correcting defects, do not damage the work done by other trades. If you do damage the work done by other trades, report this immediately to the Construction Manager.**

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**a) Trademark Construction**

- Maintain erosion control measures until the end of the project. Completely remove erosion control measures from the site when the project is complete.
- Remove rocks and clogs from lawn areas.
- Correct grades that do not meet those indicated on the plans.
- Maintain seeded areas including irrigation and reseeding as necessary. Some areas will need to be reseeded next Spring during the growing season. Remove weeds.
- Remove temporary construction fencing completely from the site.
- Correct all issues with the site storm drainage systems.

**b) Scottys Contracting Paving**

- Correct coarse aggregate showing in asphalt paving.
- Apply all striping, symbols and lettering as indicated. Correct work not in compliance with the contract documents.
- Correct issues with ADA signage including height, location and graphics.
- Correct final grades of paving that are not in compliance with the Contract Documents.

**c) Landscape Service**

- Remove rocks and clods from lawn areas.
- Maintain lawn areas. Replace dead sod. Remove weeds.
- Maintain plantings. Replace dead plantings.
- Replace plantings that do not meet the requirements of the Contract Documents.

**d) Edgar Belle General Trades**

- Interior Finished Carpentry. Verify that all interior finish carpentry items are installed, and that all these items are installed properly including covering brad holes with putty, aligning the items properly and caulking edges with dissimilar materials.
- Thermal Insulation. Verify that all gaps in exterior wall and roof/wall construction are filled with spray foam insulation.
- Composite Wall Panels
  - o Apply sealant to all control joints.
  - o Secure metal trim to the panel system.
  - o Adjust window and door opening trim for tight, square corners.
  - o Cover counter flashings above roof areas with composite panels.
  - o Have the manufacturer's representative visit the site and confirm that all components of the system are in place.
- Joint Fire Stopping. Verify that all joint fire stopping is in place in CMU and in compliance with the U.L. design requirements.
- Coiling Overhead Doors. Verify that doors are fully operational, that they meet U.L. design requirements and all finishes are undamaged. Clean doors, frames and housings.
- Metal Lockers - Verify that doors are fully operational including locks and all finishes are undamaged. Clean inside and outside of lockers.
- Protective Canopies
  - o Touch up missing or damaged paint.
  - o Verify drainage to storm sewer system.
  - o Extend downspouts into boots and seal between the downspout and boot.
  - o Seal canopy to brick walls including flashings and sealants.
- Loading Dock Bumpers – Install to substate to absorb applied load from vehicles. Adjust bumpers to be level with each other and the dock at designated height.

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- Gymnasium Equipment – Install to substrate to absorb applied loads. Adjust equipment to be level and in plane with other units. Replace/repair damaged units.
- Roller Window Shades. Adjust for smooth operation throughout full range of opening/closing. Replace damaged units.
- Chain Link Fences and Gates
  - o Verify secure attachment of all components.
  - o Repair damaged finishes.
  - o Install privacy slats.
  - o Verify that gates and latches operate smoothly over the full range of operations.
- Steel Ornamental Fence System
  - o Verify secure attachment of all components.
  - o Repair damaged finishes.
  - o Verify that gates and latches operate smoothly over the full range of operations.
- Visual Display Units. Verify that units are securely attached to walls, that they are level, there is no damage to the finishes, and they are clean.
- Plaques. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes and the plaques are clean.
- Dimensional Letter Signage. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes, and they are clean.
- Room Identification Signage. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes. Verify that signage is located as indicated on the drawings to meet ADA requirements. Verify that they are clean.
- Plastic Toilet Compartments. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes. Verify that openings and clearances meet ADA requirements. Verify that they are clean.
- Cubicle Curtains and Tracks. Verify that units are securely attached to ceilings and there is no damage to the finishes and curtains. Verify that units operate smoothly through the full range of opening and closing. Verify that they are clean.
- Folding Panel Partitions. Verify that units are securely attached to supports above ceilings and there is no damage to the finishes and panels. Verify that units operate smoothly through the full range of opening and closing and that latches are operational.
- Wall and Door Protection. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes. Verify that they are clean.
- Toilet, Bath, and Laundry Accessories. Verify that the units are undamaged, are clean and are mounted at heights shown on the drawings to meet ADA requirements.
- Defibrillator Cabinet. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes. Verify that they are clean inside and outside.
- Fire Protection Cabinets. Verify that units are securely attached to walls, that they are level and there is no damage to the finishes. Verify that they are clean inside and outside.
- Fire Extinguishers – Verify they are fully charged and clean.
- Ground Set Flagpoles – Verify that the flagpole is plumb, that the lanyard is fully operational, and the base plate is sealed to the wall.

**e) Alliance Concrete**

- Exterior Concrete
  - o Repair broken edges of curbs and walks.
  - o Replace broken slabs.
  - o Verify that all walkway surfaces are installed at grades indicated on the drawings and they meet ADA requirements.
  - o Apply sealant over backer rods in concrete control joints.
- Interior Concrete
  - o Repair slabs at walls where the finish surface is missing.
  - o Repair cracked slabs where exceeds hairline size.
- Polished Concrete Surfaces
  - o Repair all patches that are not the color of the slabs.
  - o Polish slabs next to walls to match field color and texture.
  - o Remove blue stain from field color slabs.
  - o Remove stain from cleanout covers.
  - o Remove dark stain in control joints and in stained areas.
  - o Correct control joints that do not match other joints, blue or gray.
  - o Recolor slabs at door frames to match the field color.

**f) Carmicle Masonry**

- Exterior Brick
  - o Remove mortar from the face of brick.
  - o Repair mortar joints that have missing mortar, mortar not adhering to brick and discolored mortar.
  - o Apply sealant to brick control joints. Apply sealant over backer rods so that sealant is concave in shape. Remove all sealant smears on brick.
  - o Replace broken brick and brick not in plane with surrounding brick.
  - o Clean all brick, stone and mortar to be completely free of stains from mortar, concrete, mud and other building materials. Replace brick, stone and mortar that cannot be cleaned.
  - o Apply water repellents over the entire surface of the exterior masonry while protecting all other exterior materials from overspray of water repellents.
- Interior CMU
  - o Replace CMU with damaged faces and CMU not in plane with surrounding block.
  - o Repair wall cutouts that are not covered with device faceplates.
  - o Repair mortar joints that are not concave and matching surrounding joints.
- Ground Faced CMU
  - o Replace GFCMU with damaged faces and not in plane with surrounding block.
  - o Repair mortar joints that are not concave and matching surrounding joints.
  - o Repair wall cutouts that are not covered with device faceplates.

**g) Stewart-Richey Erecting**

- Metal Pan Steel Stairs
  - o Repair blemishes in the surfaces of exposed steel members so they match adjoining surfaces.
  - o Continuously weld and grind smooth all exposed members together.
  - o Continuously weld and sand smooth all railing components.
  - o Sand all guardrail bar shapes so they are smooth to the touch.
  - o Remove excess darker grout where exterior railings are set in concrete.

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h) **Kalkreuth Roofing**

- Built Up Roofing
  - o Verify that all BUR installations meet Garland's requirements for the complete implementation of their warranty.
  - o Verify that all areas drain after rains.
  - o Verify that all roof areas have been flood coated and covered with gravel.
  - o Verify that all metal copings are sealed and drain to the roof side of the coping.
- Metal Roofing, Gutters, Downspouts and Metal Soffits
  - o Verify that all joints are weathertight.
  - o Verify that all sheet metal is secured tightly to the substrates and will not dislodge during high winds.
  - o Seal all joints where metal work intersects with the work of other trades.

i) **Atlas Wood Doors**

- Joe Calvert will commission all door openings. Make all repairs noted by his inspection report.

j) **G&M Glass**

- Apply sealants at the perimeters of all aluminum window, curtainwall and door openings. Verify that sealant joints are concave, continuous and smooth. Remove excess sealant from other surrounding materials.
- Joe Calvert will commission the aluminum doors and hardware. Make all repairs noted by his inspection report.
- Clean glass and aluminum framing and doors inside and out.
- Furnish and install wall mirrors on standoffs with plywood backing.

k) **Bennett's Interiors**

- Gypsum Wall Board Walls and Soffits
  - o Repair nicks and defects in panels and joints.
  - o Align gypsum board soffit edges to be straight and true.
  - o Repair wall cutouts that are not covered with device faceplates.
- Acoustical Panel Ceilings
  - o Replace damaged/dirty panels.
  - o Set all panels completely in the grid.
  - o Repair bent/damaged/dirty ceiling grid and trim.
  - o Install bullnose corner trim where outside bullnose CMU corners occur.
- Sound Absorbing Wall and Ceiling Panels.
  - o Install wall panels securely to walls.
  - o Align wall panels in runs to be level and at the same height.
  - o Clean dirty units.
  - o Replace damaged units.
- Resilient Vinyl Floor Tile, Resilient Linoleum Floor Tile and Sheet, Carpet Tile, Vinyl Base
  - o Replace damaged tile and sheet flooring.
  - o Clean adhesive, marks and dirt off tiles and sheet goods,
  - o Reinstall tiles and sheet goods that are not fully adhered to the floor slab.
  - o Adhere base to walls.
  - o Replace damaged base.
  - o Clean adhesive, marks and dirt off base.

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l) **Smith Interiors**

- Wall Tile
  - o Remove and replace remaining wall tiles that are out of plane with the rest of the wall.
  - o Remove joint grout on the face of tile. Remove excess globs of grout.
  - o Caulk wall tile in the inside corners.
  - o Caulk metal end strips to CMU.
  - o Clean the surface of the wall tile so it is uniform.
- Paver Tile
  - o Fill all grout joints to provide uniform concave joints throughout the field of the tile.
  - o Clean the face of the tile to provide a uniform appearance.
  - o Clean the metal transition strips.
  - o Seal the joints in the transition strips to provide a uniform, finished appearance.
  - o At the doors to toilets, replace transition strips that do not match the ADA ramp in the detail.
  - o Replace damaged tile.
- Quarry Tile
  - o Fill all grout joints, so they are at the top of the tile and uniform over the entire tile field.
  - o Seal expansion joints at walls.
  - o Clean the face of the quarry tile and grout to provide a uniform appearance.

m) **Conrad Floors**

- Provide maintenance information.
- Verify that floor anchors for nets are in place.

n) **Baston Painting**

- Exterior Painting
  - o Remove corrosion, dirt, cement, spray insulation and other materials that will affect the final painted finish.
  - o Paint exterior items a prime coat, an intermediate coat and a finish coat.
  - o Repair dents and sand exterior hollow metal doors and frames to provide a smooth substrate. Apply sealant at door frame bottoms that do not meet the slab.
  - o Paint hollow metal doors and frames using spray or a roller. Do not use a brush.
  - o Seal painted items to adjacent materials with exterior sealant.
  - o Paint edges and corners forming a straight line.
  - o Remove paint from adjoining surfaces not scheduled to be painted.
- Interior Painting
  - o At door frames, remove corrosion, dirt, cement. Caulk bottoms of frames to floor where the frame does not meet the floor slab.
  - o Where CMU surface does not match adjoining CMU, add filler so the pores are the same in appearance and repaint.
  - o Paint interior items a prime coat, an intermediate coat and a finish coat.
  - o Repair dents and sand hollow metal doors and frames to provide a smooth substrate.
  - o Paint hollow metal doors and frames using spray or a roller. Do not use a brush. Sand and repaint frames showing brush marks, runs and arises.
  - o Remove paint from adjacent surfaces not scheduled to be painted.
  - o Paint intersections between different colors, edges and corners with a straight line.
  - o Caulk painted items to adjacent materials with caulk.
  - o Repair caulk joints in CMU so caulking forms a concave shape at the face of the CMU. Clean all caulking outside the joint off the CMU and repaint.
  - o Repair all dirt, marks, nicks, etc. on painted surfaces.

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o) **US Specialties**

- Specialty Items
  - o Replace specialty items that arrive on site with damage.
  - o Provide keys, maintenance information and special warranties for specialty items.
- Casework
  - o Replace damaged cabinets or components.
  - o Clean the interior and exterior of cabinets.
  - o Align pairs of cabinet doors.
  - o Adjust door and drawer hardware for proper operation.
  - o Securely attach cabinets to substrates.
- Solid Surface Material
  - o Replace/repair damaged material.
  - o Securely attach solid surface material to substrates.
  - o Caulk solid surface sills to window frames and CMU.
  - o Caulk solid surface material to adjacent construction.

p) **Atlas Movable Stands**

- Adjust movable stands for proper operations.
- Verify that all components of movable stands are installed.
- Clean all components.
- Provide training session for the Owner's staff.
- Provide special warranties.
- Provide certification for compliance with all codes and laws.

q) **Atlas Library Equipment**

- Clean library equipment interior and exterior surfaces.
- Adjust door and drawer hardware for proper operation.
- Replace/repair damaged units.

r) **C&T Designs Kitchen Equipment**

- Replace damaged cooler panel.
- Replace/repair damaged kitchen equipment.
- Commission and adjust all kitchen equipment for proper operation.
- Provide certifications for the range hood and other equipment as specified.
- Clean interior and exterior surfaces of kitchen equipment.
- Conduct video-taped training sessions with the Owner's staff.

s) **DC Elevators**

- Completely remove protective materials from hall lanterns and call panels.
- Remove marks, dirt and stains from the surfaces of the elevator cab.
- Commission the elevator for proper operation.
- Conduct video-taped training sessions for the Owner's staff.
- Provide the Elevator Inspector's report and certificate.

t) **Fire Protection**

- Provide the installer's certification for the installation of the fire protection system per the requirements of the specifications.
- Repair all leaks from the fire protection system.
- Make corrections listed on the Engineer's Punchlist Inspection.

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u) **Knights Plumbing**

- Complete the installation of all plumbing fixtures.
- Provide the Plumbing Inspector's Certificate.
- Caulk fixtures to walls and floors.
- Adjust plumbing controls for proper operation.
- Repair all leaks in the system.
- Conduct training sessions for the Owner's staff.
- Make corrections listed on the Engineer's Punchlist Inspection.

v) **Knights HVAC**

- Commission all HVAC equipment for proper operation.
- Provide the HVAC Inspector's report and certification.
- Provide the air balance report.
- Clean/replace dirty and/or damaged grilles, registers and diffusers.
- Make corrections listed on the Engineer's Punchlist Inspection.
- Conduct video-taped training sessions for the Owner's staff.
- Submit special warranties as required by the specifications.

w) **Heartland Electric**

- Commission all electrical equipment for proper operation.
- Provide the Electrical Inspector's report and certification.
- Clean/replace dirty and/or damaged fixtures and devices.
- Adjust faceplates, devices and light fixtures to be level and square with adjacent construction.
- Make corrections listed on the Engineer's Punchlist Inspection.
- Conduct video-taped training sessions for the Owner's staff.
- Submit special warranties as required by the specifications.
- Make corrections listed in Joe Calvert's report for the security system.

**3. Follow up items:**

- a. Finalize and submit as-built locations for site utility work.
- b. Finalize and submit as-built locations of plumbing and electrical lines.
- c. Finalize and submit as-built drawings.
- d. Submit all special warranties, certifications, reports and operations manuals.
- e. Provide all keys and special maintenance tools and devices to the Owner.

Follow up by:

- ☐ Architect, ☐ Owner, ☐ MEP Engineer, ☐ Structural Engineer, ☐ Civil Engineer  
☒ Contractor, ☐ Other

Respectfully submitted,

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