



July 2015 Board Update

Hardin County Board of Education

GC Burkhead Elementary School

North Park Elementary Entry Vestibule

New Highland Elementary Entry Vestibule



GC Burkhead Elementary

Overview

Budget:

Original Construction Cost: \$15,817,590.00

Present Construction Cost: \$15,824,605.19

Schedule:

Original Substantial Completion: 06/30/15

Final Completion: 07/30/15

The following notes highlight the activities over the last Thirty (30) days of the project:

Meetings

Progress Meetings took place on June 11, 2015 and June 24, 2015. (See attached minutes)

Shop Drawings

Complete

RFI's

Four (4) RFI's have been reviewed and responded by the design team.

ASI's

One (1) ASI has been issued by the design team.

Consultant Field Report's

MEP reports from 06.11.2015 and 06.25.2015 are attached.

Schedule

Construction Schedule provided by DWW is attached.

Construction Last 30 Days: (see attached Field Report)

Drywall Complete
Begin Drywall Punch List
Start on ceiling clouds in Cafeteria
VET Started
Mobilize carpeting
Food Service Complete
Start hanging doors
Earthwork complete
Roof trim and Maintenance building continue
Curb and gutter complete

Construction Snapshot next 30 Days:

Complete VET
Complete carpeting
Complete hanging doors
Light Poles complete
Sprinkler complete
Marker board tack strips complete
Bath Partitions complete
Tile punch list complete
Site concrete complete
Finish gym floors
Gym equipment Complete
Exterior concrete power washed
Courtyard Landscaping complete
Masonry complete



PROGRESS MEETING MINUTES:

Prepared by:	Maria Gillette
Company:	Murphy + Graves + Trimble
Project:	GC Burkhead Elementary
Location:	Job Site Trailer
Arch. Project Number:	1264
Date/Time:	Thursday, June 24, 2015
Weather:	Sunny, Approximately 75F

<u>Parties Present</u> SEE ATTACHED SHEET	<u>Organization</u>	<u>Email Address</u>
Action Items:	<ul style="list-style-type: none"> DWW to provide slab moisture reading test on all areas receiving VET and carpet. DWW and owner to coordinate pick up of extra stock of materials (see attached sheet) As per owner's request, MGT to issue a PR for replacing the mulch in the courtyard with stone. MGT and Owner to coordinate color of scoreboard and issue a purchase order. DWW to coordinate the moving of a sprinkler pipe so ceiling contractor can complete the bamboo panels in the lobby area. DWW to issue a PR for the additional drywall soffit in the cafeteria at the entry door. Landscape subcontractor to provide new proposed trees for the parking lot. 	
Review Of Previous Minutes	<ul style="list-style-type: none"> Approved as submitted. 	
New Business	<ul style="list-style-type: none"> Inspector is coming to the site the upcoming week to review the building for occupancy permit. 	
Proposed Changes/Change Orders/ ASI / RFI	<ul style="list-style-type: none"> DWW to provide revised pricing for PR 14. No outstanding submittals/RFI's. 	
Owner Comments	<ul style="list-style-type: none"> July 23, 2015 is scheduled Open House for New Students. DWW to coordinate with owner what areas will be accessible to the public. Ideally the front lobby, FRC and reception area will be complete so registration can take place. Owner is working on providing phone lines, Windstream will be at the site on July 1, 2015. Library furniture is being delivered July 7, 2015. Carpet to be complete prior to that. Furniture delivery is scheduled for July 13. Furniture to be temporary staged in the gymnasium. Furniture contractor will provide their own dumpster. The pre-school playground equipment and ground cover is owner provided. Owner and DWW to coordinate installation time. Steve Boone stated that phones and speakers have been delivered and are being stored in a warehouse; waiting on programming. 	
General Items	<ul style="list-style-type: none"> DWW is to obtain a letter from Atlas Metal products regarding the casework being installed and stored inside a non-conditioned building is acceptable and will not void the warranty or the life of the casework. Larry Martin will be finishing the wood floor in the gymnasium on July 17, 2015. All furniture needs to be out of the gymnasium by July 17, DWW and Owner to coordinate. Building is not fully enclosed; soffits in the front, trim in the back and snow guards are still missing. Glass in the front to be installed by July 7. Exterior door of room #209 missing. DWW to schedule Englert for final inspection of the roof and issuing of warranty. Final flushing of systems in Area 2 is being complete. Interior doors are getting installed within the next 4 days. 	



	<ul style="list-style-type: none"> • DWW to schedule Joe Calvert for punch on door hardware. • DWW stated by July 9th all units will be running. • In the cafeteria drywall, ductwork and ceilings are being installed. • All kitchen equipment is in place and in the process of being hooked up. • Courtyard landscape to be complete by July 9. • Sidewalks are being pressure washed. • Asphalt will be complete by July 9. • Plumbing certificate will be attained for areas D, C and B. • Four light poles are left to be complete. • Fencing is to start. • Roofer will be complete with DWW's roof punch list by July 9. • Teresa with Drywall Systems Plus stated they haven't received all the ordered bamboo ceiling panels. They have enough to complete the front lobby. For the rest of the ceiling they will provide temporary black acoustical panels until we receive the bamboo ceiling (by second week of August). • Ceiling tile is being installed in areas where ducts are not installed and/or insulated. DWW will be responsible for replacing damaged tiles. • Staff Training to begin as soon as everything is installed. Attached is a sheet with all the required items that require training. DWW to coordinate with Melissa Case exact day/times.
Next Meeting Date And Time	<ul style="list-style-type: none"> • Next progress meeting is Thursday, July 9th at 2:00PM, at the project site. Since job trailer will be removed meeting will be held in the cafeteria.

Attachments: Sign-in Sheet, Turn Over Materials Form, Training Form

No other items were discussed if upon review of these minutes you have any questions or have any questions or comments please contact our office.

Respectfully Submitted,

Maria Gillette
Project Manager
Murphy + Graves + Trimble PLLC

CC: Gary Milby, David Wyatt, Steve Boone, Sherri DeHart, Sam Gibson, Marcum Engineering, BFW, Jim Leake, Chuck Trimble, Michael Shaffor, File 1264-M



PROJECT NAME: GC Burkhead

LOCATION: Onsite

DATE OF MEETING: June 24, 2015

ATTENDEES (please sign in, and make any corrections to info as needed):

JOB NO.: 1264

Time

[illegible]

Turn Over Materials

-----	10'/500' vinyl base
-----	10% ea type /color vct
-----	10% ea type / color carpet
-----	10% ea type /color ceramic / trim
-----	1 bag ea color grout
-----	2% ea type / color grid a-b-c
-----	2% ea type / color metal ceiling
-----	2% metal ceiling hold down clips
-----	2% ea type decorative panel
-----	10% ea type / color sound panel
-----	5% sound panel mounting material
-----	1 gal paint/stain each color/type unopened
-----	controls computer
-----	1 set belts for MAU
-----	1 set filters / MAU-WSHPERV-Split System-WSHP
-----	fire alarm software
-----	30 assist/list earphones
-----	6 microphones w/stands
-----	ball goal adjuster
-----	volleyball posts
-----	2 closer bodies
-----	1 classroom lock
-----	1 office lock
-----	1 offset pull
-----	10% locker id's
-----	10% locker locks
-----	10%locker hooks
-----	1 yr geothermal chemicals

	_____	coiling door pull handle
Training		ALL TRAINING IS TO BE VIDEO TAPED
	_____	Plumbing
	_____	HVAC
	_____	Electric
	_____	Fire Alarm
	_____	Sprinkler (phillips / chattanooga)
	_____	Kitchen Hood
	_____	Video/Door Intercom
	_____	Generator
	_____	Cabling
	_____	Sound Systems
	_____	Intercom / Clock
	_____	Food Service
	_____	Gym Equip
	_____	Bleachers



OBSERVATION REPORT: June 24, 2015

Prepared by:	Maria Gillette
Company:	Murphy + Graves + Trimble
Project:	GC Burkhead Elementary
Location:	Project Site
Arch. Project Number:	1264
Date/Time:	Thursday, June 24, 2015
Weather:	Sunny / approx... 82F

<u>Parties Present</u> Melissa Case Maria Gillette	<u>Organization</u> Hardin County Board M+G+T	<u>Email Address</u> Melissa.case@hardin.kyschools.us maria@mgtky.com
General Observation	Contractor to protect finished product.	
Work in Progress	<ul style="list-style-type: none"> • Site signage is almost complete, awaiting on signage (picture 1) • Curb and gutter and asphalt are going in on the drive to the right of the entry (picture 2) • Front entry doors, windows and soffit panels are being complete (picture 3) • Sidewalks at front entry are being poured; light poles are being installed (picture 4) • Sidewalks and prep for sod and landscape around gymnasium and back of kitchen. (pictures 5 & 6) • Large louver off of mezzanine level not complete (picture 6) • Outdoor seating furniture is at the job site. Contractor to store appropriately (picture 7) • Roof on Maintenance building is in process of getting complete (picture 8) • Ceiling and ductwork in cafeteria is being painted (picture 9) • Drywall soffits in cafeteria are being complete (picture 10, 11) • Kitchen floor drain is being complete (picture 12) • Installation of VET floor in corridor 300A and 400 (picture 13) • Casework and ceiling installation continues (picture 14) • Gym floor installation is complete (picture 15) • Media Center lights, speakers and ductwork is complete (picture 16) • VET floor complete in computer room (picture17) • Casework installation continues in admin area (picture 18) • Entry Lobby High Window is installed; waiting on glass to arrive (picture 19) • Ceiling installation continues in Reception Area (picture 20) 	



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19



Photo 20



MARCUM
ENGINEERING, LLC

500 South 17th Street
P.O. Box 120
Paducah, KY 42002-0120
Phone (270) 444-9274; Fax (270) 443-1904

CONSTRUCTION REPORT

PROJECT NAME: G.C. Burkhead Elementary School	PROJECT NO: 13519
DATE: May 28, 2015	TIME: 2:00 PM ET
WEATHER: Warm/Sunny	EST. MPE COMPLETION: 70%

OBSERVED BY: Micah Cope, Construction Administrator

PRESENT AT SITE: GC, PC, EC, Geothermal Contractor

BUILDING CONSTRUCTION STATUS:

- Storm Lines 100%
- Slabs 100%
- Masonry 100%
- Roof Dry In 100%
- Wood Trusses Installed
- Brick Masonry 100%
- Flooring 25%
- Painting 55%
- Ceilings 50%

MPE WORK IN PROGRESS:

- Geothermal Mains 100%
- DWV Overhead Rough-In 100%
- Domestic Water Overhead Rough-In 100%
- Domestic Water Insulation 75%
- Plumbing Fixtures 50%
- HVAC Units Set 90%
- HVAC Duct Rough-In 75%
- HVAC Duct insulation 45%
- Generator is set on pad.
- Electric Overhead Rough-In 85%
- Electric Panels Set 100%
- Electrical Devices 50%
- Electric Feeders 90%
- Cable Tray 85%
- Lay-in light fixtures 55%

ON-SITE OBSERVATIONS:

- Gym floor is being installed.

ITEMS FOR ENGINEER TO VERIFY:

1. None.

ENGINEERS RESPONSE:

1. None.

CORRECTIONS REQUIRED OF CONTRACTOR:

1. Contractor shall separate Units on platform areas. There shall be 36" of space between any concrete pads, units, piping and ductwork to allow adequate passage between units. Refer to detail A on Drawing ME1.1.
2. Contractor Shall ensure all filters are replaced before running units. While onsite filters were needed to be changed. Contact Daniel with Foster Mechanical to operate units.
3. Contractor must keep the space closed off from other areas to keep dust and dirt from entering the space. While on site the units were running and there was dust making activity going on.
4. Contractor shall only run units in the allowed time from 6pm to 6am every work day.
5. Contractor shall clean ductwork before installing. Ductwork was very dirt. Contractor shall keep ductwork ends covered.
6. While on site I found one of the units on platform was running and unit insulation was not complete and temporary filter was not installed. Contractor was instructed to turn unit off. Contractor will be required to have NADCA certified ductwork cleaning preformed.

MISCELLANEOUS:

- HVAC Contractor shall contact Marcum Engineering for a 10% retest of Lot #2. and a retest of Unit # HPH 126 which failed.
- While temporary conditioning Area 1 the following must be adhered to by the Contractor:
 - No Dust Producing Activities may occur until the units are shut down by the designated Operator (Daniel Hagerman). Offenders will be required to pay for NADCA certified ductwork/equipment cleaning.
 - Routine monitoring and replacement of filters.
 - Operator must monitor HVAC Control system daily for notifications and/or alarms.
 - Engineer and Architect must be informed in writing of any upsets or problems to the HVAC system.

The above constitutes the Engineer's understanding of all items discussed and/or items noted. All concerned parties shall review this Construction Report and comment within 7 days if any of the items require clarification, correction and or require additional discussion.

Contractors shall review all Construction Reports for notification of needed actions or required corrections of work.

END OF REPORT:

Distribution: Chuck Trimble, MGT
Maria Gillette, MGT
Andrea Bradford, MGT
Rob Crouch, MGT
Jim Leake, MGT
Baccus Oliver, Marcum Engineering
Tony Gray, Marcum Engineering



MARCUM
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500 South 17th Street
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CONSTRUCTION REPORT

PROJECT NAME: G.C. Burkhead Elementary School	PROJECT NO: 13519
DATE: June 25, 2015	TIME: 2:00 PM ET
WEATHER: Hot/Sunny	EST. MPE COMPLETION: 75%

OBSERVED BY: Johnny Baucum, Construction Administrator

PRESENT AT SITE: GC, PC, EC, MC

BUILDING CONSTRUCTION STATUS:

- Storm Lines 100%
- Slabs 100%
- Masonry 100%
- Roof Dry In 100%
- Wood Trusses Installed
- Brick Masonry 100%
- Flooring 30%
- Painting 55%
- Ceilings 50%

MPE WORK IN PROGRESS:

- Geothermal Mains 100%
- DWV Overhead Rough-In 100%
- Domestic Water Overhead Rough-In 100%
- Domestic Water Insulation 75%
- Plumbing Fixtures 50%
- HVAC Units Set 90%
- HVAC Duct Rough-In 75%
- HVAC Duct insulation 45%
- Generator is set on pad.
- Electric Overhead Rough-In 90%
- Electric Panels Set 100%
- Electrical Devices 55%
- Electric Feeders 90%
- Cable Tray 85%
- Lay-in light fixtures 55%

ON-SITE OBSERVATIONS:

- Gym floor is installed.

ITEMS FOR ENGINEER TO VERIFY:

1. None.

ENGINEERS RESPONSE:

1. None.

CORRECTIONS REQUIRED OF CONTRACTOR:

1. Contractor shall separate Units on platform areas. There shall be 36" of space between any concrete pads, units, piping and ductwork to allow adequate passage between units. Refer to detail A on Drawing ME1.1.
2. Contractor shall ensure all filters are replaced before running units. While onsite filters were needed to be changed. Contact Daniel with Foster Mechanical to operate units.
3. Contractor must keep the space closed off from other areas to keep dust and dirt from entering the space. While on site the units were running and there was dust making activity going on.
4. Contractor shall only run units in the allowed time from 6pm to 6am every work day.
5. Contractor shall clean ductwork before installing. Ductwork was very dirt. Contractor shall keep ductwork ends covered.
6. Any unit found running and unit insulation is not complete and temporary filters have not been installed. The Contractor will be required to have NADCA certified ductwork cleaning preformed.
7. All HVAC Equipment on the Mechanical Platform shall have an auxiliary drain pans.
8. Domestic water piping shall receive saddles at all hangers.
9. Envelope around areas being conditioned needs attention.

MISCELLANEOUS:

- HVAC Contractor shall contact Marcum Engineering for a 10% retest of Lot #2. and a retest of Unit # HPH 126 which failed.
- While temporary conditioning Area 1 the following must be adhered to by the Contractor:
 - No dust producing Activities may occur until the units are shut down by the designated Operator (Daniel Hagerman). Offenders will be required to pay for NADCA certified ductwork/equipment cleaning.
 - Routine monitoring and replacement of filters.
 - Operator must monitor HVAC control system daily for notifications and/or alarms.
 - Engineer and Architect must be informed in writing of any upsets or problems to the HVAC system.

The above constitutes the Engineer's understanding of all items discussed and/or items noted. All concerned parties shall review this Construction Report and comment within 7 days if any of the items require clarification, correction and or require additional discussion.

Contractors shall review all Construction Reports for notification of needed actions or required corrections of work.

END OF REPORT:

Distribution: Chuck Trimble, MGT
Maria Gillette, MGT
Andrea Bradford, MGT
Jim Leake, MGT
Baccus Oliver, Marcum Engineering
Tony Gray, Marcum Engineering

OBSERVATION REPORT: JUNE 26th, 2015

Prepared by:	Michael Shaffor
Company:	Murphy + Graves + Trimble
Project:	GC Burkhead Elementary
Location:	Project Site
Arch. Project Number:	1264
Date/Time:	Friday, June 26, 2015
Weather:	Partly Cloudy/ Warm 88deg.

<u>Parties Present</u>	<u>Organization</u>	<u>Email Address</u>
Michael Shaffor	M+G+T	michael@mgtky.com
Maria Gillette	M+G+T	maria@mgtky.com
General Observation	<ul style="list-style-type: none"> Doors and Windows still missing through the building creating opportunities for water infiltration. See photo 1 of main entry Standing water on concrete slab in Staff Workroom 209. Door opening damned with mulch in attempt to divert water. See photo 2 and 3. Carpet being laid without Architect or Owner receiving required tests. See photo 4 Door slabs are being set directly on installed VCT without protection to prevent scratching the final product. See photo 5 Installed VCT in Corridors is not being protected and is therefore being scratched and will need to be replaced. See photo 6 Installed soffit panels are showing signs of rust throughout the project. See photo 7 Courtyard Downspout not installed properly. See photo 8 Downspout straps do not wrap around entire downspout creating sharp edge and exposed edge with no finish. This is especially an issue where downspouts are accessible by children, in the courtyard and along the bus drop off. See photo 9 Conduit, Electrical Boxes unistruts left in mill finish. Should be painted Black like Sprinkler pipes. See photo 10 In Library, sealant is missing below trusses and purlins along cmu walls. See photo 11 In multiple locations in Library, conduit is projecting from base of wall. See photo 12 In cafeteria, painted duct work needs additional coat of paint as silver of insulation is showing through. See photo 13 In multiple locations, cmu corners have been chipped and need to be repaired. See photos showing cmu pilaster in Corridor 200 @ southern most Truss and cmu corners at entry to Boys 201 & Girls 203. See photo 14 and 15. Exterior corner of cafeteria, between Columns C35 and D36, the steel lintel is not connected. Further, the concrete columns along line C are not square to the building, creating a skew along the face of the wall above. See photos 16 and 17. Exterior feature windows in Library, are missing sealant along bottom of window and sill. Rubber flashing is under sill and at sides needs to be cut back and should not be visible. Grouting around window is very inconsistent. See photos 18 and 19 In multiple locations at exterior entries, the cmu lintel is not installed as per architects response to RFI 65 and the soffit is installed incorrectly and does not extend to the steel lintel, leaving the rigid insulation exposed. See photo 20 of door E109 	
Work in Progress	<ul style="list-style-type: none"> Ceiling grid was being installed in corridors Duct insulation was being installed in cafeteria Carpet was being installed in Library. HVAC slot diffusers were being installed. Doors were being moved into place. 	



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5

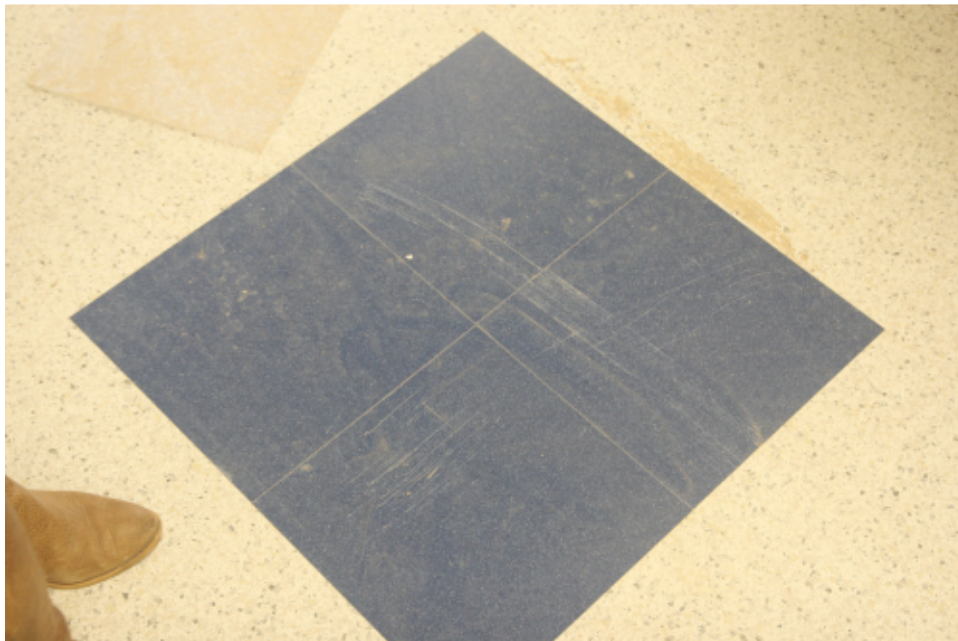


PHOTO 6



PHOTO 7

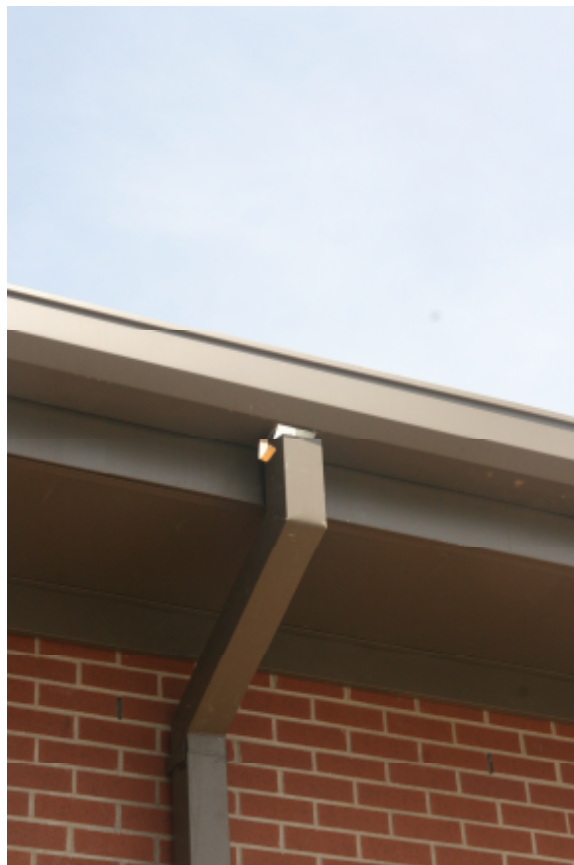


PHOTO 8



PHOTO 9



PHOTO 10



PHOTO 11



PHOTO 12



PHOTO 13



PHOTO 14

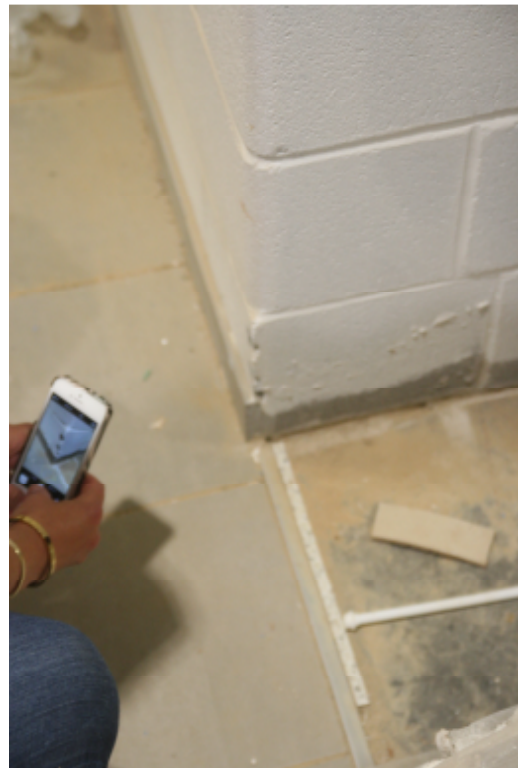


PHOTO15



PHOTO 16



PHOTO 17



PHOTO 18



PHOTO 19



PHOTO 20

North Park Elementary Entry Vestibule

Overview

Budget:

Original Construction Cost: \$80,000

Present Construction Cost: n/a

Schedule:

Pre-Bid was held on June 26 at 10:00am.

Bid-Opening is on July 9 at 1:00pm.

The following notes highlight the activities over the last Thirty (30) days of the project:

Meetings

Pre-Bid Meeting (See attached Meeting Minutes)

Bid-Opening Meeting

Shop Drawings

n/a

RFI'S

n/a

ASI's

n/a

Schedule

Last 30 Days:

Pre-Bid meeting.

Next 30 Days:

Open Bids.

Submit bid documents and revised BG-1 to KDE for approval.

New Highland Elementary Entry Vestibule

Overview

Budget:

Original Construction Cost: \$36,000

Present Construction Cost: n/a

Schedule:

Pre-Bid was held on June 26 at 10:00am.

Bid-Opening is on July 9 at 1:00pm.

The following notes highlight the activities over the last Thirty (30) days of the project:

Meetings

Pre-Bid Meeting (See attached Meeting Minutes)

Bid-Opening Meeting

Shop Drawings

n/a

RFI'S

n/a

ASI's

n/a

Schedule

Last 30 Days:

Pre-Bid meeting.

Next 30 Days:

Open Bids.

Submit bid documents and revised BG-1 to KDE for approval.

Addendum #1

Project Name: New Highland and North Park Elem.
Schools Entry Vestibules MGT# 1509

Addendum No.: **ONE**
Date: **June 29, 2015**

From: Maria Gillette, Project Manager
Murphy Graves Trimble, PLLC
3399 Tate's Creek Road, Suite 250
Lexington, Kentucky 40502
Phone: 859.559.0504
maria@mgtky.com

This Addendum forms a part of the Contract Documents and supersedes all conflicting portions of drawings and specifications. Contractors shall include all omissions, additions, and adjustments of all trades as may be necessary because of each change, substitution, or omission. This Addendum hereby becomes a part of the Proposal Documents and will become part of the Contract Documents on the successful bidder(s).

This Addendum consists of 13 – 8 ½" x 11 page(s) of documents, including this sheet.

I. Drawings:

New Highland Elementary School

- a. **Sheet A1.0**, drawings 2. Please find a new layout for the Admin Office, **AD1.1**, including a 42" high partition wall. New wall to be primed and painted; coordinate paint color with the owner. Furniture is owner provided. Door 103 has moved, resulting in a new HM-1, **AD1.2**.

North Park Elementary School

- a. **Sheet A1.0**, drawings 2. The existing door from Lobby 100 into Reception 101 has been labeled '100'. Please see the attached revised door schedule and MPE addendum.

II. Specifications:

- a. Refer to Specification Section 087100 "Door Hardware", entire section added.

III. Consultants:

- a. See attached MPE Addendum 1

Total attachments: Pre-Bid Meeting Minutes (3), MPE Addendum 1 (2), Section 087100 (3), AD1.1(1), AD1.2(1), AD1.3(1), XME1.0(1)

End of Document

Pre-Bid Meeting Minutes

Date: June 26, 2015

Murphy+Graves+Trimble #1509

RE: New Highland and North Park Elementary

Meeting Date: June 25, 2015 at 10:00am

Attendees: See Attached Sign-in Sheet

The purpose of the meeting was to review the bidding requirements for the project. During the meeting the following items were noted:

Introductions:

OWNER – David Wyatt, Facilities Director, Hardin County Board of Education

ARCHITECT – Maria Gillette, Project Manager, Murphy+Graves+Trimble (MGT)

Michael Shaffor, Project Architect, Murphy+Graves+Trimble (MGT)

Procurement Services:

- a. **The bid opening is July 6 at 2:00pm in the board room at the board office located at 65 W A Jenkins Road, Elizabethtown, KY 42701.**
- b. The Bid Submission for this project is Lump Sum Bid.
- c. Prevailing wage requirements do not apply.
- d. Plan holder list available at www.lynnimaging.com. Plans available at Lynn Imaging 800.888.0693 and/or 859.255.1021.
- e. A 5% Bid Bond or certified check of 5% of the bid is required upon submission of the Bid.
- f. 100% Performance and Payment Bonds are required of the successful Contractor.

Description of the Project:

The project consists of interior renovation at New Highland Elementary and Interior and Exterior Renovations at North Park Elementary. Refer to drawings and specifications for more details.

Project Submittal:

1. Bidders must submit their Bid in a sealed envelope clearly marked **“New Highland and North Park Elementary Entry Vestibules”** and addressed as follows:
Mr. Gary Milby
Hardin County Board of Education
65 W A Jenkins Road, Elizabethtown, KY 42701

2. If Bids are mailed, they must be received by 2:00pm and delivered to the Bid Opening Room. It is not the responsibility of the Owner to ensure the Bids are received on time nor ensure they are delivered to the Bid Opening Room.
3. No facsimile Bids are allowed.
4. Please submit a single copy of the bid.
5. No Bid may be withdrawn for a period of 60 days after the date of the Bid Opening.
6. Any Bids received after the deadline outlined above, for the scheduled Opening, will be considered a late bid and may not be considered for award.
7. Final Completion of the project is 60 calendar days from notice to proceed; liquidated damages will be assessed at a rate of \$500/day if completion date is not met.
8. Contractor is responsible for attaining and paying for any and all required city permits.
9. Background checks/badges will be required for all contractors and their employees. They will be provided to the owner prior to start of construction.

Attachments: Sign-in sheet.

No other items were noted. The above information outlines the items discussed during this meeting.

Respectfully Submitted,
Maria Gillette, *Project Manager*

NEW HIGHLAND AND NORTH PARK ELEMENTARY ENTRY VESTIBULES

HARDIN COUNTY SCHOOLS

ELIZABETHTOWN, KY

MARCUM NO. 15561

MECHANICAL AND ELECTRICAL ADDENDUM 1.00

JUNE 29, 2015

The following Addendum Items shall be made part of the Contract Documents for the referenced project.

- 1.01 North Park Elementary – Refer to Drawing ME1.0 – Ductless Split Heat Pump System Equipment Schedule. This school has an existing Trane Tracer Summit Building Management System currently in operation. The Contractor shall omit Remark and Accessory Note 9 regarding manufacturer's thermostat. Both indoor units (IU-1 and IU-2) shall be integrated into and controlled by the existing BMS. Install a Trane temperature sensor at the locations shown on the drawing. The Contractor shall integrate the systems into the existing BMS and control the following: system graphic; space temperature; system mode (htg/clg/off); occupied/unoccupied set-points, temporary override; alarms; etc.
- 1.02 North Park Elementary – Refer to Sketch XME1.0 attached. Furnish and install all connections associated with door hardware controls – refer to Architectural Door Hardware Specifications.
- 1.03 New Highland Elementary - Refer to Drawing ME1.0 – Demolition Plan. Disconnect and remove exposed EMT conduit and exposed phone cabling/outlet mounted at North wall of Admin. Room 103, routed along bottom of window mullion. Surface mounted quadruplex receptacle and wiremold on North-West corner of room shall remain.
- 1.04 New Highland Elementary - Refer to the Revised Architectural Drawing AD1.1, issued as part of Addendum #1.
 - At the New Workstation located along the South wall of Admin Room 103 – furnish and install the following utilities:
 - (1) surface mounted 120v, 20 amp quadruplex receptacle in Wiremold box – extend surface mounted raceway, equal to Wiremold 700 series

to ceiling space and extend ½”c-3#12 to existing receptacles circuit within space and terminate – verify loading. Color shall match existing devices. Wiremold shall be painted to match wall.

- (1) Voice and (1) Data outlet and associated cabling in Wiremold box. Raceway drop from ceiling space to low wall shall be installed in 2000 Series Wiremold – paint to match wall. Transition to EMT conduit within low wall. New cabling/outlets shall match existing and extend to nearest available network rack and terminate. Furnish and install all required components and test drops for proper operation.

1.05 New Highland Elementary - Refer to the Revised Architectural Drawing AD1.1, issued as part of Addendum #1.

- Relocate the existing electrical connections for the door release system from the North-West corner of Admin. Room 103 to the end of the new low wall added, adjoining the Reception Desk. Rough-ins shall be at 16” AFF, suitable for desk mounted control station.
- At the new low wall section, adjoining the Reception Desk - furnish and install the following utilities:
 - (1) flush 120v, 20 amp quadruplex receptacle – extend ½”c-3#12 to existing receptacles circuit within space and terminate – verify loading. Color shall match existing devices.
 - (1) Voice and (1) Data outlet and associated cabling – outlets shall be flush. Raceway drop from ceiling space to low wall shall be installed in 2000 Series Wiremold – paint to match wall. Transition to EMT conduit within low wall. New cabling/outlets shall match existing and extend to nearest available network rack and terminate. Furnish and install all required components and test drops for proper operation.

Attachments:

1. Sketch XME1.0 – North Park Elementary

END OF ADDENDUM 1.00

Provide door hardware as indicated below in the hardware sets. Submittals and installation requirements per Section 087100 of latest version of AIA MasterSpec. Allowable equal manufacturers as follows:

Hinges Hager, Ives, McKinney, Stanley, PBB.
Key Cylinders Best; compatible with building master key system. Key as directed by Owner.
Locksets Stanley Best (to match district standard)
Exit Devices Stanley Precision (to match district standard).
Closers Stanley, LCN, Sargent.
Seals Zero, Reese, NGP, Pemko.
Misc Trim Hager, Trimco, Rockwood, Ives

Proximity Readers and Access Control Head-end System Electronics, low voltage cabling and terminations are to be provided in this Contract; Contract Hardware Supplier is to subcontract Alliant Integrators for this work and materials.

Hardware Set E01 - North Park Door 103

(6)	Butt Hinges	BB5004-545	652	BOM
(2)	Jamb-to-door Power Transfer	EPT-12C		PHI
(1)	Panic Device, Rim, 02, Elect	ELR-2102CD x 2102C	630	PHI
(1)	Panic Device, Rim, 03, Elect	ELR-2103CD x 2103C	630	PHI
(1)	Power Supply	ELR-152		PHI
Note: Provide power supply with 110V, 60Hz, 1A service.				
(1)	Key Removable Mullion	KR-822	689	PHI
(2)	Rim Cylinder	IE72	626	BES
(2)	Mortise Cylinder	1E74	626	BES
(2)	Closer, w/Spring Stop/HO	D-4550 HCS	689	STA
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Mullion Seal/Mute	5100N	BLK	NGP
(1)	Proximity Reader, Single-gang	(By Alliant Integrators)		
(1)	Desk-top Pushbutton Console	DTMOMA-2		SDC

Note: Pushing momentary button on console unlocks door for ingress; doors automatically relock after time delay. Pushing maintained button on console unlocks door until pushed again. Wire LED's so that Green indicates unlocked condition; Red indicates locked condition. Locate Console in Reception 101 as directed by Architect.

Electrical Note: Provide 110V electrical service, required electrical backboxes, and conduit with pull strings from power supply to all electrified hardware items.

Hardware Set E02 - North Park Door 100

- | | | | | |
|--|-------------------------------|--------------------------|-----|-----|
| (1) | Storeroom Lock | 45H7D-14M-Less Cylinder | 626 | BES |
| Note 1: Remove existing lockset. Re-install key cylinder into this new lockset.
Field prep door as required. | | | | |
| Note 2: Door hand is LHRB. | | | | |
| (1) | Power Supply | 632RF | | SDC |
| Note: Provide power supply with 110V, 60Hz, 1A service. | | | | |
| (1) | Relock Time Delay | 10TD | | SDC |
| (1) | Electric Strike | 55-B | 630 | SDC |
| (1) | Proximity Reader, Single-gang | (By Alliant Integrators) | | |
| (1) | Desk-top Pushbutton Console | DTMOMA-2 | | SDC |
| Note: Pushing momentary button on console unlocks door for ingress into
Reception; door automatically relocks after time delay. Pushing maintained
button on console unlocks door until pushed again. Wire LED's so that Green
indicates unlocked condition; Red indicates locked condition. Locate Console
in Reception 101 as directed by Architect. | | | | |

Electrical Note: Provide 110V electrical service, required electrical backboxes, and conduit with pull strings from power supply to all electrified hardware items.

Hardware Set E03 - North Park Door 101

- | | | | | |
|--|-------------------------------|---------------------------|-----|-----|
| (3) | Butt Hinges | BB5000-454 | 652 | BOM |
| (1) | Storeroom Lock | 93K7D-14C-S3 | 626 | BES |
| Note: Door hand is LH. | | | | |
| (1) | Closer, w/Spring Stop | D-4550 CS | 689 | STA |
| (1) | Kick Plate | KO050 8 x 2LDW x CS x B4E | 630 | TRI |
| (1) | Relock Time Delay | 10TD | | SDC |
| (1) | Electric Strike | 55-B | 630 | SDC |
| (1) | Proximity Reader, Single-gang | (By Alliant Integrators) | | |
| (1) | Desk-top Pushbutton Console | DTMOMA-2 | | SDC |
| Note: Pushing momentary button on console unlocks door for ingress into
Cafeteria; door automatically relocks after time delay. Pushing maintained
button on console unlocks door until pushed again. Wire LED's so that Green
indicates unlocked condition; Red indicates locked condition. Locate Console
in Reception 101 as directed by Architect. | | | | |

Electrical Note: Door electronics utilizes power supply specified in Hardware Set E02 for Door 100. Provide required electrical backboxes and conduit with pull strings from power supply to all electrified hardware items.

Hardware Set 02 - North Park Door 105

- | | | | | |
|-----|--------------------------|---------------------------|-----|-----|
| (6) | Butt Hinges | BB5004-545 | 652 | BOM |
| (1) | Panic Device, Rim, 02 | 2102CD x 2102C | 630 | PHI |
| (1) | Panic Device, Rim, 03 | 2103CD x 2103C | 630 | PHI |
| (1) | Key Removable Mullion | KR-822 | 689 | PHI |
| (2) | Rim Cylinder | IE72 | 626 | BES |
| (2) | Mortise Cylinder | 1E74 | 626 | BES |
| (2) | Closer, w/Spring Stop/HO | D-4550 HCS | 689 | STA |
| (2) | Kick Plate | KO050 8 x 2LDW x CS x B4E | 630 | TRI |
| (1) | Mullion Seal/Mute | 5100N | BLK | NGP |

Hardware Set 03 - North Park Door 104A

- | | | | | |
|-----|--------------------|---------------------------|-----|-----|
| (3) | Butt Hinges | BB5000-454 | 652 | BOM |
| (1) | Office Lock | 93K7AB-14C-S3 | 626 | BES |
| (1) | Kick Plate | KO050 8 x 2LDW x CS x B4E | 630 | TRI |
| (1) | Wall Stop, Concave | 1270CV | 626 | TRI |

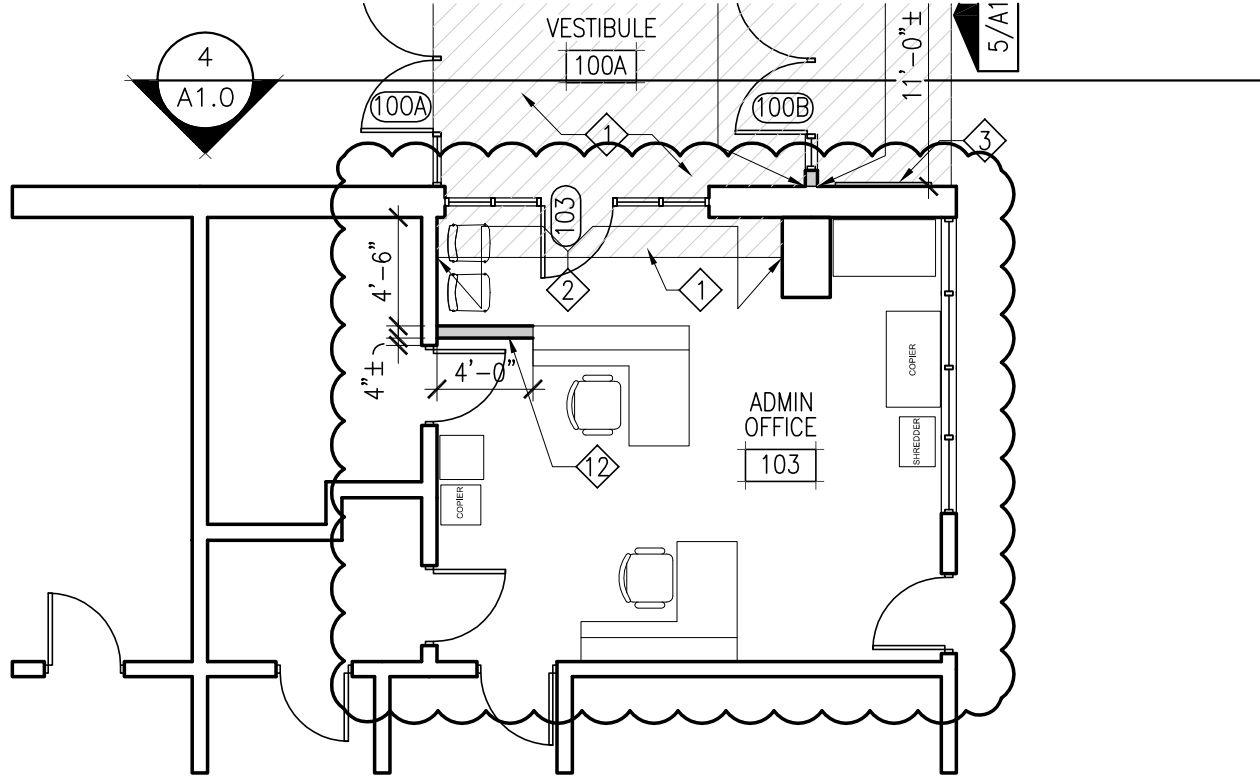
Hardware Set 04 - New Highland Door 100B

(6)	Butt Hinges	BB5004-545	652	BOM
(1)	Panic Device, Rim, 02	2102CD x 2102C	630	PHI
(1)	Panic Device, Rim, 03	2103CD x 2103C	630	PHI
(1)	Key Removable Mullion	KR-822	689	PHI
(2)	Rim Cylinder	1E72	626	BES
(2)	Mortise Cylinder	1E74	626	BES
(2)	Closer, w/Spring Stop	D-4550 CS	689	STA
(2)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Mullion Seal/Mute	5100N	BLK	NGP

Hardware Set 05 - New Highland Door 103

(3)	Butt Hinges	BB5000-454	652	BOM
(1)	Classroom/Double Cyl Deadbolt	356 x Less Cylinders	626	YAL
(2)	Mortise Cylinder	1E74	626	BES
(1)	Push/Pull Bar Set	1731	630	TRI
(1)	Closer, w/Spring Stop	D-4550 CS	689	STA
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI

END OF SECTION



2

ENTRANCE VESTIBULE NEW WORK PLAN

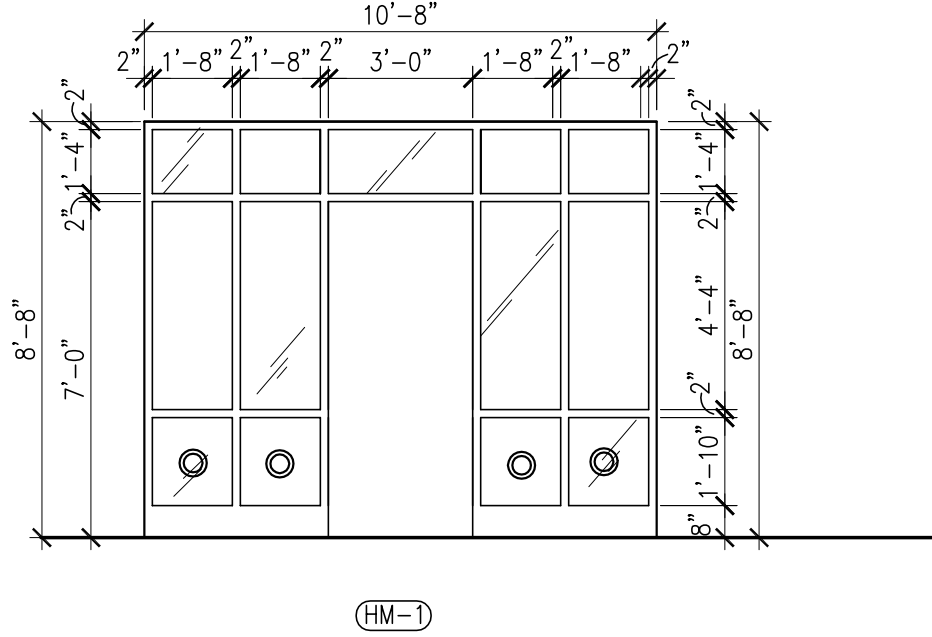
1/8"=1'-0"

12. NEW 42" TALL 3 5/8" STUD WALL, WITH 5/8" GYP. BD. EACH SIDE.

ADMIN OFFICE 103 NEW WORK PLAN
OFFICE LAYOUT - SEE 2/A1.0
NEW HIGHLAND ELEMENTARY SCHOOL
VESTIBULE UPGRADE

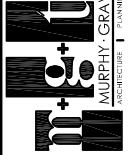
JOB NO. 1509
DATE: 6.29.15
PRODUCED BY: MWS
NOTES:

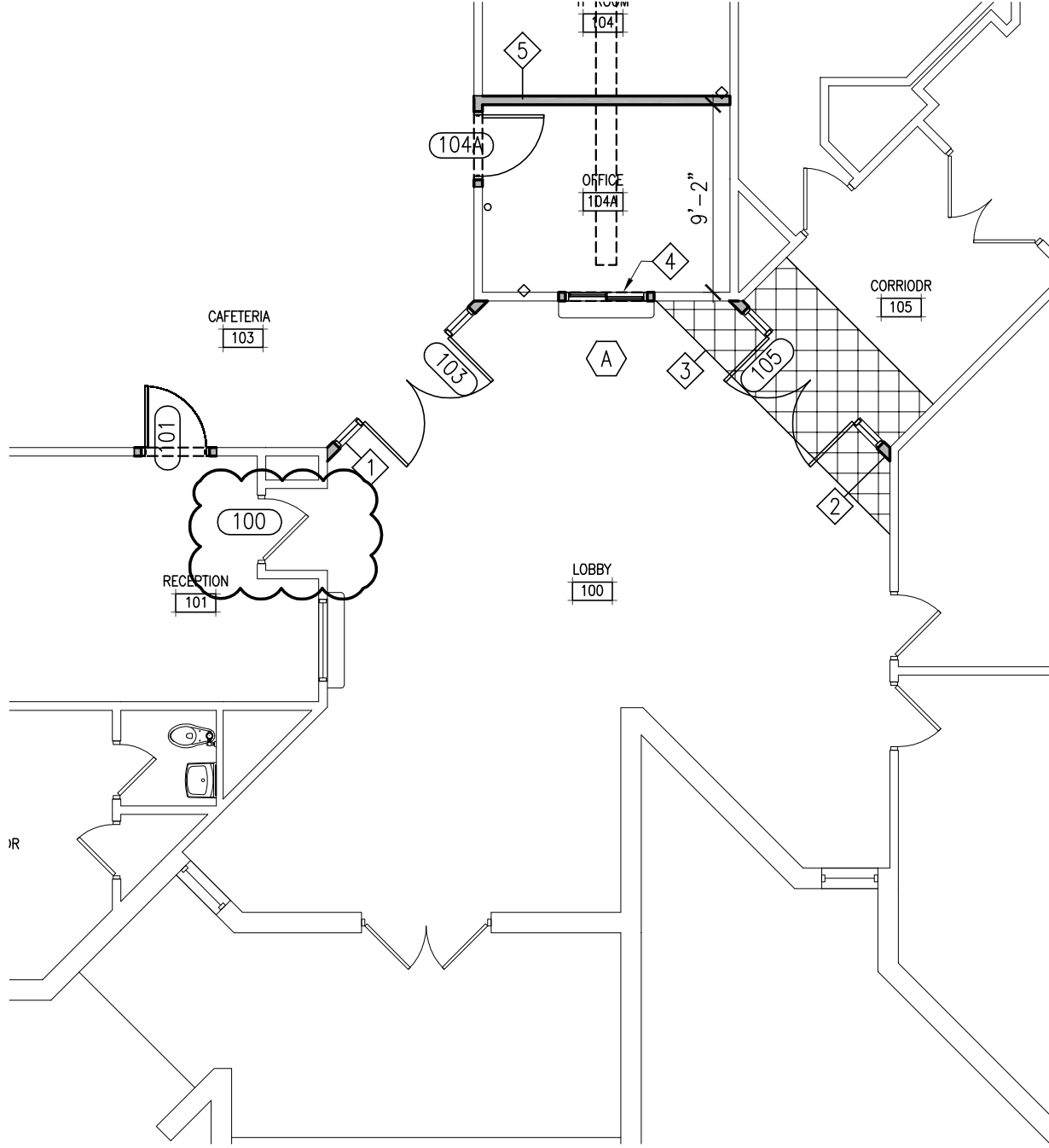
ADDENDUM DWG
AD1.1



HOLLOW METAL DOOR FRAMES

1/4"=1'-0"

 <p> MURPHY, GRAVES, TRIMBLE, PLLC ARCHITECTS • PLANNERS • ENGINEERS 3399 Tates Creek Road, Suite 250 Lexington, KY 40502 PH: 859.559.0504 www.mgtky.com © copyright 2015 </p>	REVISID HOLLOW METAL FRAME HM-1 - SEE A1.1	ADDENDUM DWG AD1.2	JOB NO. 1509 DATE: 6.29.15 PRODUCED BY: MWS NOTES:
	NEW HIGHLAND ELEMENTARY SCHOOL VESTIBULE UPGRADE		



2
A1.0

REVISED NEW WORK FLOOR PLAN

1/8"=1'-0"

JOB NO. 1509
DATE: 6.29.15
PRODUCED BY: MWS
NOTES:

ADDENDUM DWG

AD1.3

EXISTING DOOR 100 OF LOBBY 100

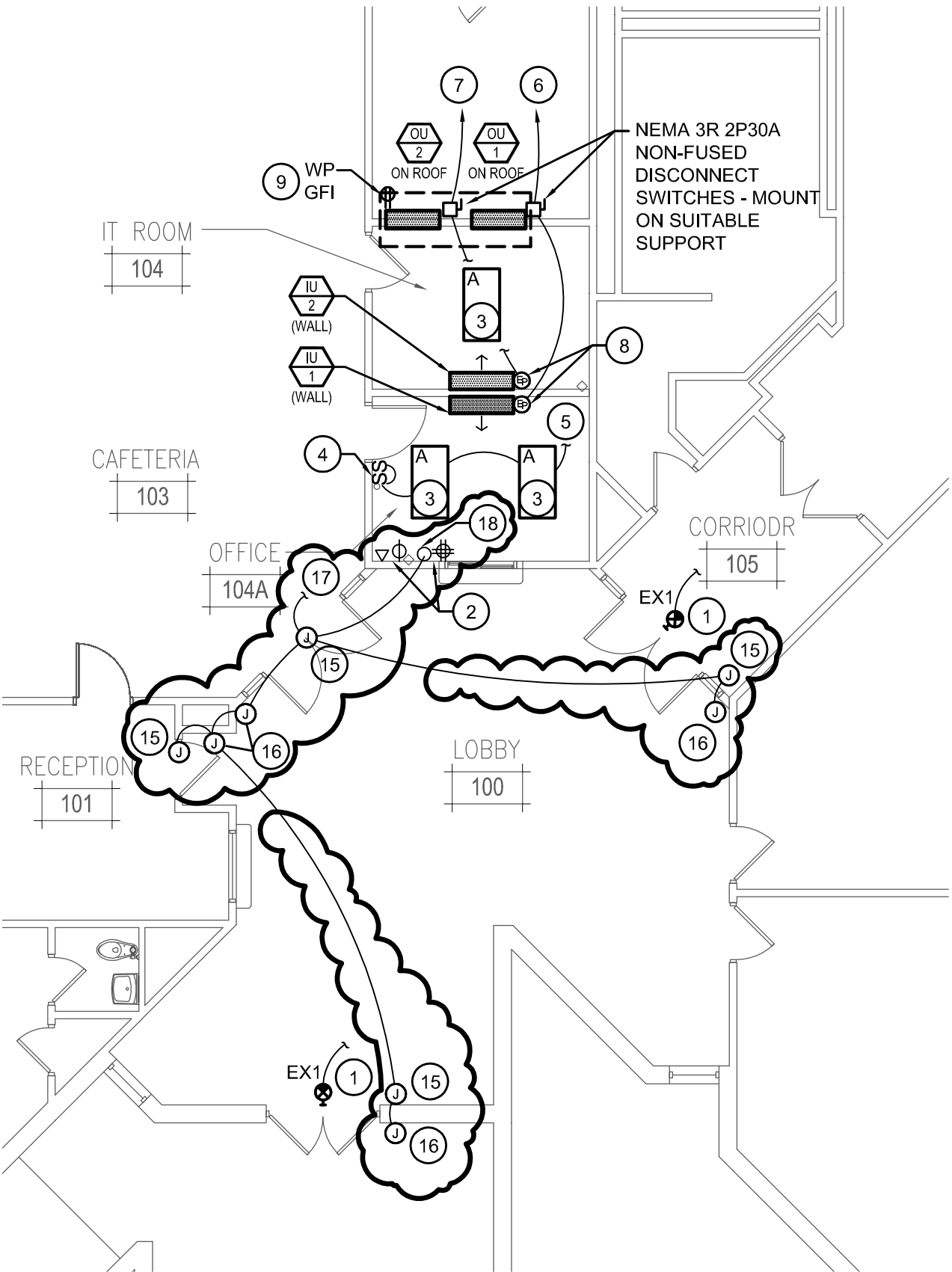
NORTH PARK ELEMENTARY SCHOOL
VESTIBULE UPGRADE



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CONSTRUCTION NOTES

#	(APPLIES TO THIS DRAWING ONLY)
15	J-BOX/CONDUIT DROP FOR CONNECTION TO ELECTRIC STRIKE POWER TRANSFORMER. FURNISH AND INSTALL ALL CONDUIT AND CONNECTIONS REQUIRED BY ARCHITECTURAL DOOR HARDWARE. 1/2"C-3#12 AWG FOR 120V WIRING CONNECTIONS.
16	J-BOX AND 1/2" CONDUIT DROP FOR CONNECTION TO CARDREADER. FURNISH AND INSTALL ALL CONDUIT AND CONNECTIONS REQUIRED BY ARCHITECTURAL DOOR HARDWARE.
17	FURNISH AND INSTALL 1/2"C-3#12 AWG FOR 120V WIRING CONNECTIONS FOR DOOR HARDWARE SYSTEM - CONNECT TO NEAREST AVAILABLE UNSWITCHED 120V. POWER SOURCE.
18	EXTEND CONDUIT AND CABLING CONNECTIONS TO EXISTING AIPHONE SYSTEM AND CONNECT SUCH THAT SYSTEM CONTROLS ELECTRIC STRIKE OF NEW DOOR HARDWARE. REMOVE THE EXISTING RY24DL RELAY FOR THE SYSTEM AND INSTALL A NEW (3) THREE DOOR RELAY (RY3DL) FOR CONTROL OF (3) THREE DOORS.



REFERENCE DRAWING ME1.0



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PROJECT NO. 15561
DATE: 6.29.2015
DRAWN BY: TG
SCALE: NO SCALE

MECHANICAL-ELECTRICAL PLAN
NORTH PARK ELEMENTARY SCHOOL ENTRY VESTIBULE

SHEET
XME1.0



Addendum #2

Project Name: New Highland and North Park Elem.
Schools Entry Vestibules MGT# 1509

Addendum No.: **TWO**
Date: **July 2, 2015**

From: Maria Gillette, Project Manager
Murphy Graves Trimble, PLLC
3399 Bates Creek Road, Suite 250
Lexington, Kentucky 40502
Phone: 859.559.0504
maria@mgtky.com

This Addendum forms a part of the Contract Documents and supersedes all conflicting portions of drawings and specifications. Contractors shall include all omissions, additions, and adjustments of all trades as may be necessary because of each change, substitution, or omission. This Addendum hereby becomes a part of the Proposal Documents and will become part of the Contract Documents on the successful bidder(s).

This Addendum consists of 1 – 8 ½” x 11 page(s) of documents, including this sheet.

I. General:

-The Bid date has been changed to **July 9 at 1:00pm** at the board office located at 65 W A Jenkins Road, Elizabethtown, KY 41472.

Total attachments: none

End of Document