



## *Southern Lehigh School District Hopewell Elementary School*



### **Phase 1: New Building Construction**

**Start:** June 1, 2015

**Substantial Completion:** August 1, 2016

### **WORK COMPLETED**

#### **Site Work**

- Installation of underground storm line from Infiltration Bed 33 to Playground courtyard inlets.

#### **General Contractor**

- Spray foam application 95% complete.
- Load bearing stud walls and exterior sheathing: 98 % complete.
- Concrete slab-on-grade – 90% complete.
  
- Brick veneer in areas B and C: 100% complete, 10% complete on Area A.
- Structural steel installation throughout entire building: 100% complete.
- Steel roof decking: 98 percent complete.
  
- Roof insulation and substrate: 95% complete.
- Shingle installation 95% complete.
- Above ceiling drywall:
  - 100% in area B and C
- Classroom partition walls 100% complete in Areas B and C.
- Finishing of classroom drywall in Area B classrooms: 50% complete.
- Window installation is 100% complete in Areas B and C.

### **WORK PROJECTED FOR MARCH 2016**

#### **Site Work**

- Continue working on underground storm system, including building downspout tie-in laterals.

#### **General Contractor**

- Complete application of spray foam insulation around perimeter of building.
- Complete concrete slab-on-grade in Area A – Gym and Music Room.
- Complete load bearing stud walls and exterior sheathing around southwest section of Area A (Main Entrance and Music Room).
- Continue laying rock-cast masonry and brick veneer around building Area A.
- Addition of structural steel plates for roof-top mechanical units support.
- Install remaining steel roof decking over main entrance and Music room areas.
- Finish roof insulation/substrate and complete installation of asphalt roof shingles.
- Complete Soffit framing in classrooms and start corridor soffit framing in Areas B&C.
- Continue installation of drywall for classroom walls.
- Continue finishing drywall in classrooms in Area B.
- Continue windows & curtain walls installation in Areas A, B & C.

**WORK COMPLETED (cont'd)****Plumbing Contractor**

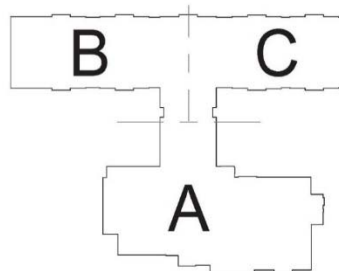
- Domestic water rough-ins to classroom sinks and toilet rooms in Area B: 100% complete; Area C: 95% complete.
- Sanitary vent and drain lines in Areas B & C: 100% complete; Area A: 85% complete.
- Sprinkler pipe rough-in Area B: 85% complete.

**Electrical Contractor**

- Electrical rough-ins in areas B & C: 100% complete. (Areas B & C - inspection approved)
- Electrical feeder cable from main switch gear to Areas B & C pulled: 100%.
- Electrical panels set throughout building: 90% complete.
- Cable tray installation in area B & C: 100% complete.

**Mechanical Contractor**

- Drilling of geothermal wells completed 100%.
- Duct work installation in classrooms in Area B: 90% complete; Area C: 50% complete.
- Geothermal piping installation: 80% complete in Areas B & C.
- Concrete placed for 4 equipment pads in Areas B & C, 2 ERU units have been set onto pads.
- Geothermal underground feeder loops to building, completed from water retention basin to interior tie-in inside mechanical room.

**Building Layout:****WORK PROJECTED FOR MARCH 2016 (cont'd)**

- Continue field measurements for casework installation.
- Complete building enclosure in area A

**Plumbing Contractor**

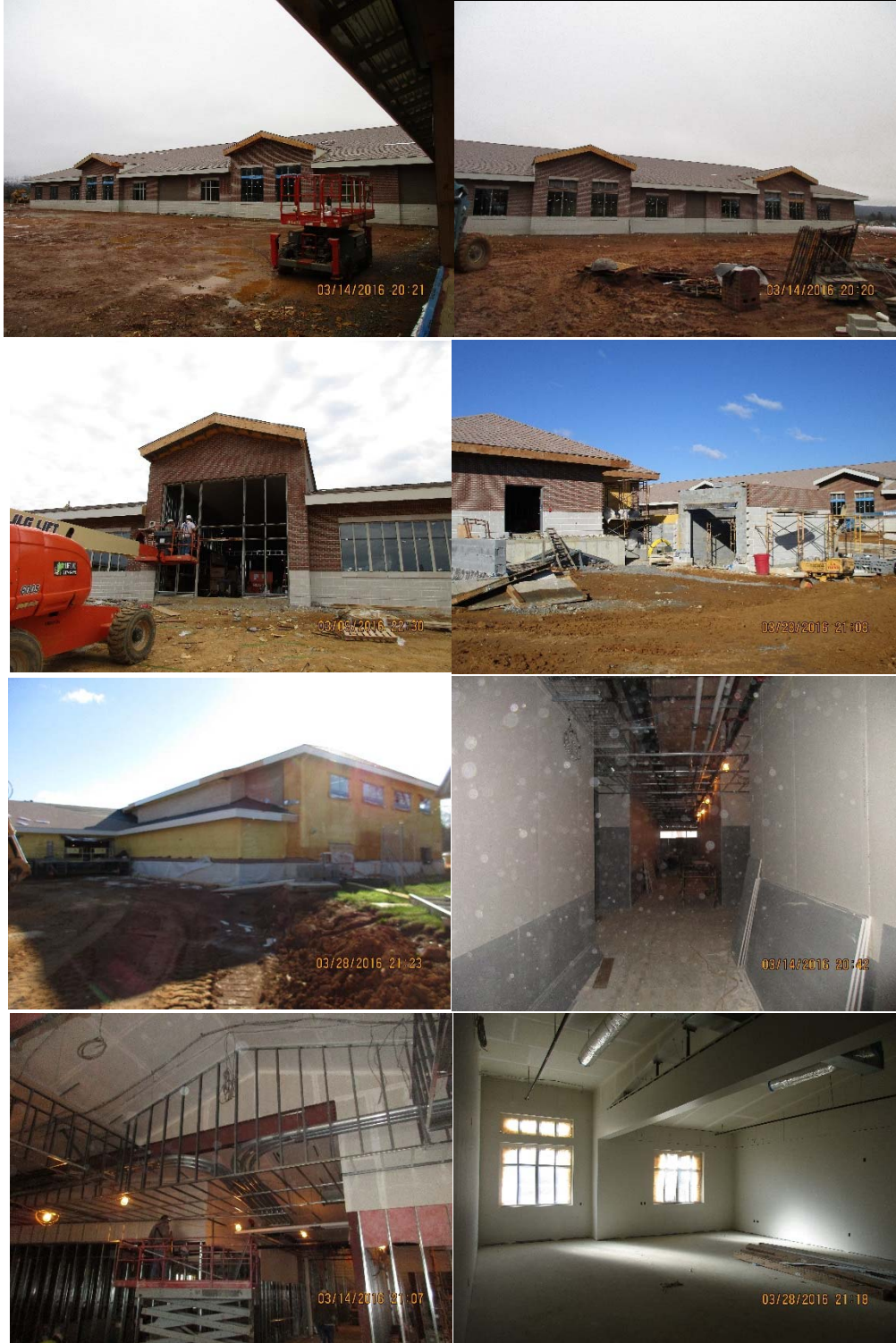
- Complete installation of domestic water lines above ceiling (sinks & toilet rooms).
- Complete sanitary vent lines in Area A.
- Continue sprinkler pipe installation in Areas B & C.

**Electrical Contractor**

- Continue rough-ins in Area A.
- Begin duct bank underground work from road feeding into the building.
- Continue to pull wire to junction boxes throughout building.
- Begin pulling wire into the cable tray.

**Mechanical Contractor**

- Complete grouting of remaining 12 geothermal wells.
- Continue hanging ductwork throughout Areas B and C.
- Begin setting precast concrete pads for heat pumps in Areas B & C.
- Complete placement of concrete for equipment pads throughout building.
- Set mechanical units in place within mechanical rooms.
- Complete geothermal underground feeder loops connecting well field wells to building link.





Contractor	Original Contract Amount	Change Orders to Date	Updated Contract Amount	Amount Paid to Date	Amount Remaining
Lobar (GC)	\$ 10,448,500.00	\$ -	\$ 10,448,500.00	\$ 5,573,303.13	\$ 4,875,196.87
JBM (MC)	\$ 2,630,000.00	\$ 395,241.00	\$ 3,025,241.00	\$ 1,586,601.90	\$ 1,438,639.10
Albarell (EC)	\$ 2,013,538.00	\$ -	\$ 2,013,538.00	\$ 352,423.17	\$ 1,661,114.83
DeWalt (PC)	\$ 835,000.00	\$ -	\$ 835,000.00	\$ 435,025.84	\$ 399,974.16
Sargent (EAC)	\$ 86,988.00	\$ -	\$ 86,988.00	\$ -	\$ 86,988.00
Air Balancing Engineers	\$ 62,150.00	\$ -	\$ 62,150.00	\$ 7,956.00	\$ 54,194.00
Chrin	\$ 75,000.00	\$ -	\$ 75,000.00	\$ 6,267.31	\$ 68,732.69
Advantage - constr. testing	\$ 75,000.00	\$ -	\$ 75,000.00	\$ 28,128.88	\$ 46,871.12
<b>Total</b>	<b>\$ 16,226,176.00</b>	<b>\$ 395,241.00</b>	<b>\$ 16,621,417.00</b>	<b>\$ 7,989,706.23</b>	<b>\$ 8,631,710.77</b>

Contractor	Starting Allowance	Allowance Issued	Allowance Remaining
Lobar (GC)	\$ 172,350.00	\$ 7,448.06	\$ 164,901.94
JBM (MC)	\$ 121,000.00	\$ -	\$ 121,000.00
Albarell (EC)	\$ 102,979.00	\$ 14,226.00	\$ 88,753.00
DeWalt (PC)	\$ 40,125.00	\$ 19,170.05	\$ 20,954.95
Sargent (EAC)	\$ 5,900.00	\$ -	\$ 5,900.00
<b>Total</b>	<b>\$ 442,354.00</b>	<b>\$ 40,844.11</b>	<b>\$ 401,509.89</b>

#### Pending Proposal Requests

##### Lobar

Provide (4) 24x24 access panels into attic space	\$ 2,633.79
Steel angle support for roof trusses in cafeteria	\$ 1,224.80
Terrazzo flooring adjustments	\$ (13,600.00)
Total:	\$ (9,741.41)
Lobar Updated Remaining Allowance if Approved:	\$ 174,643.35

##### JBM

Install duct lining for sound attenuation for LEED acoustic req's	\$ 4,806.03
JBM Updated Remaining Allowance if Approved:	\$ 116,193.97