



**CONSTRUCTION**



# **Dover High School and Career Technical Center**

## **Monthly Construction Report No. 3**



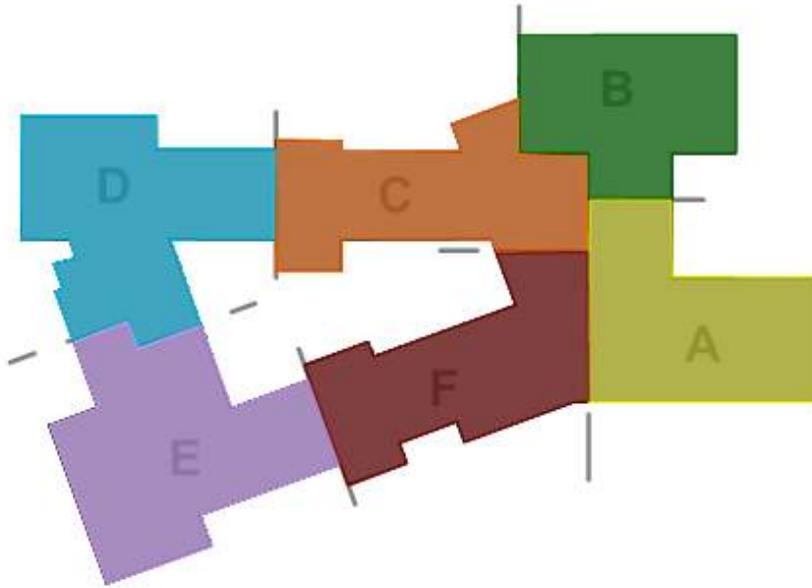
**December 9, 2016**

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**A. Executive Summary:**

1. Construction Documents Area Breakout Plan



- ▶ Area A
  - Ground - Auditorium, Band, Food Service
  - First - Culinary Kitchen/Dining
  - Second - CTC Labs/Classrooms, Staff Dining
- ▶ Area B
  - Ground - Gymnasium, Alt PE, Locker Rooms
  - First - CTC Salon, Labs
  - Second - Life Sciences
- ▶ Area C
  - Ground - MEP, Weight Room, Team rooms, Marketing
  - First - Library, SPED, NJROTC, Offices, Guidance
  - Second - Business CR's, SPED CR's, Typical CR's
- ▶ Area D
  - Ground - N/A
  - First - Building Construction, Electrical, Wood Working, Typical CR's, Art
  - Second - Typical CR's, Sciences & Labs
- ▶ Area E
  - Ground - N/A
  - First - Typical CR's, Photography, Earth Science, Welding, Auto, CTE Offices/Admin
  - Second - Typical CR's, Sciences & Labs
- ▶ Area F
  - Ground - Town Square
  - First - SPED CR's, Pre-Engineering, Photo, Typical CR's, Admin, Nurse, Main Entry
  - Second - Computer, Typical CR's

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### 2. Construction Progress Highlights

- Site utilities well underway with storm, sewer, water and site electrical ongoing.
- Excavation and prep for foundation is ongoing in areas C.
- Foundations are ongoing with footings and walls for Area A complete and Area C 25% complete.
- Steel erection for Area B started on 11/28/16.
- Loop road paving is 50% complete
- Electrical ductbank is 90% complete

### 3. Critical Issues

- Receipt of building permits from Inspection Services.

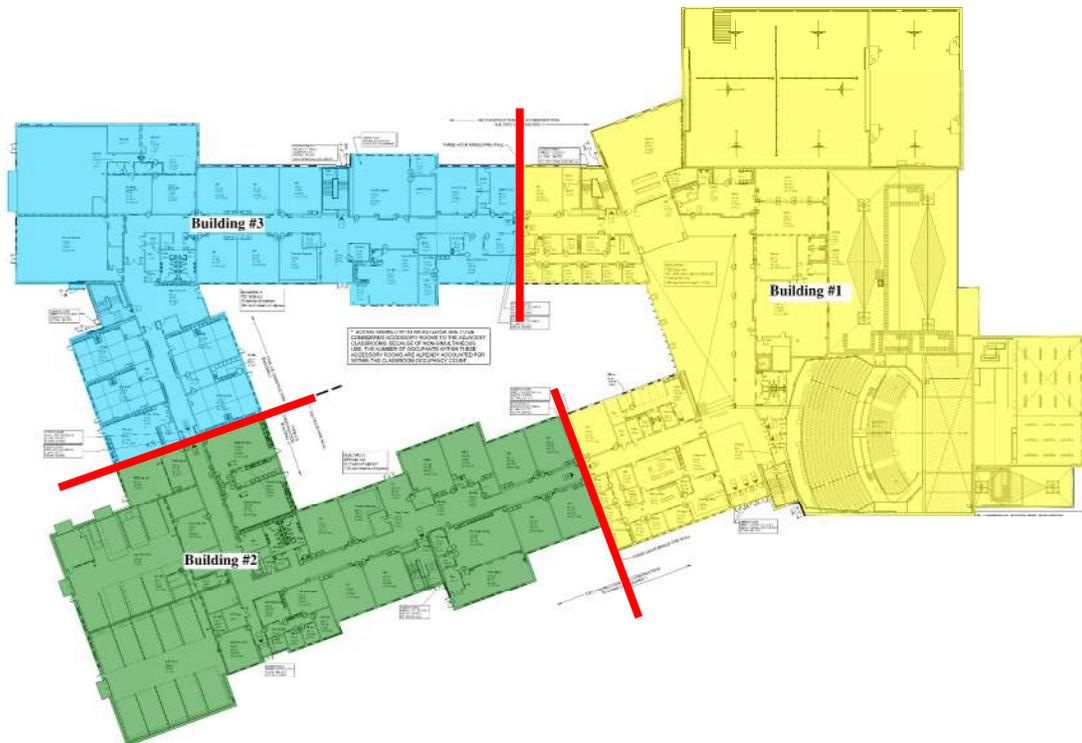
### 4. Summary

- The project is currently proceeding smoothly. Safety has been good to date. GMP was approved on 11/15/16.

## B. Construction Status:

### 1. Schedule Phase Plan

- For scheduling purposes, the building is separated into three areas – Building 1, Building 2 and Building 3. These are defined as separate areas separated by a fire rated expansion joint.



### 2. Monthly Schedule Update - Attached

### 3. Three-Week Look Ahead Schedule – Distributed weekly

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### 4. Schedule Impacts

- Analyzing impact of ledge discovered on-site.
- Analyzing impact of code review comments on issuance of construction permits.

### 5. Progress Photos

- Auditorium Retaining Wall



- Loop Road and Loading Dock Paving



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- Orchestra Pit Walls



- Start Structural Steel Erection (Weight Room & Library)



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- Structural Steel Erection



- Area C Footings



**C. Design Coordination:**

1. RFI Status
  - Submitted (154)
  - Open (06)
  - Critical (00)
2. Submittals
  - Submitted (110)
  - Open (14)
  - Critical (00)
3. ASI's
  - Issued (18)

**D. Safety Update:**

1. PC has a site specific safety program in place for this project. Every worker who comes on site is required to be oriented to the project rules and expectations. Safety has been good to date. A PC safety specialist is now on site full time. He will perform safety audits, orient all workers and manage our site specific safety program.

PC's on-site safety specialist does a weekly audit and provide the team with a safety score from 0 to 100. Below are the most recent scores.

- Week of 11/7/16 = 88
- Week of 11/14/16 = 88
- Week of 11/21/16 = 79
- Week of 11/28/16 = 94

**E. Project Financial Status:**

1. Procurement Update: Letters of Recommendation (LOR's) Issued and Signed
  - 03.01A Concrete Foundations \$ 1,800,000
  - 03.01B Concrete Flatwork \$ 2,019,559
  - 04.01 Masonry \$ 3,450,000
  - 05.01 Structural Steel \$ 6,400,000
  - 07.01 Below Grade Waterproofing \$ 41,600
  - 07.01 Air & Vapor Barrier \$ 445,770
  - 07.02 Roofing and Flashing \$ 1,770,000
  - 09.01 Metal Stud Framing & Drywall \$ 5,550,000
  - 11.01 Kitchen Equipment \$ 467,822
  - 12.02 Gymnasium and Auditorium Seating \$ 261,823
  - 14.01 Elevators \$ 211,131
  - 21.01 Fire Protection \$ 540,000
  - 23.01 Plumbing \$ 2,490,000

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• 23.01 Ductwork	\$ 2,645,270
• 23.04 Condensing Boilers	\$ 99,108
• 23.05 Air Handling Equipment & Chiller	\$ 1,690,000
• 26.01 Electrical, Telecom & Security	\$ 6,784,800
• 31.01 Sitework	\$ 4,546,082
• 31.02 Rammed Aggregate Piers	\$ 285,917

○ Total to Date \$41,498,882

2. Current Contract Summary

• Base Contract:	\$71,643,000
• Approved Changes to Date	\$ 53,141
• Current Contract amount:	\$71,696,141

3. Change Order Management:

Previously Approved Proposals	\$ 0
Approved this Month:	
• 190006R1	\$ 6,200
• 190012R1	\$ 33,405
• 190013R1	\$ 1,705
• 190014R1	\$ 8,680
• 190016R1	\$ 3,151
• Total	\$ 53,141

4. Contingency Usage

• Carried:	\$ 1,700,000
• Committed to Date:	\$ 0
• Remaining:	\$ 1,700,000

5. Allowance Status

	<u>Used</u>	<u>Remaining</u>
• Hazardous Abatement	\$900	\$ 1,091,100
• Animal Science Building	\$0	\$ 1,200,000
• Climbing Wall	\$0	\$ 35,000

6. Application for Payment Status

• Requisitioned to Date Thru #6	\$ 5,589,414
• Current Retained Amount	\$ 239,136
• Remaining to be Billed	\$66,292,722