



CONSTRUCTION



Dover High School and Career Technical Center

Monthly Construction Report No. 6



March 6, 2017

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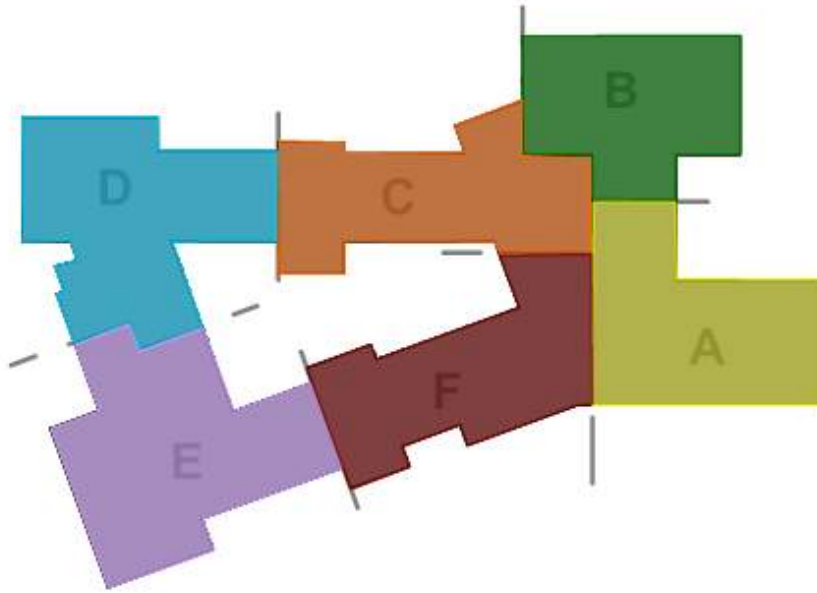
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A. Executive Summary:

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

2. Construction Progress Highlights

- Excavation and prep for foundation has begun in area F
- Foundations are nearly complete in Area D
- Steel erection for Area A is nearing completion
- Steel erection for Area C started 2/14/17
- Concrete slab on deck placement has started in Area B
- Underslab utility installation is on-going
- Slab on grade prep in Area B is on-going
- Exterior framing and sheathing is complete at the Gymnasium and progressing around to the Auditorium

3. Critical Issues

- State Fire Marshall approval has been received. Final drawings to be delivered to Dover Inspection Services for review and issuance of Building Permit

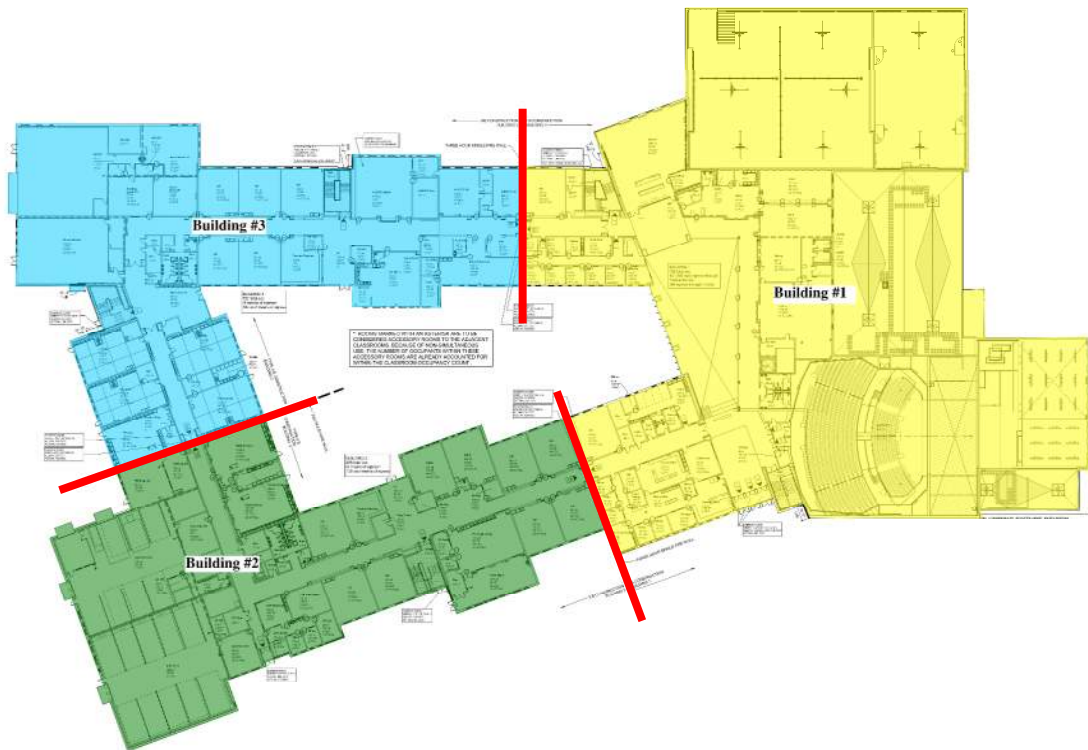
4. Summary

- The project is currently proceeding smoothly. Safety has been good to date.

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 – On-going

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3. Three-Week Look Ahead Schedule – Distributed weekly
4. Schedule Impacts
 - Analyzing impact of ledge discovered on-site.
 - Analyzing impact of code review comments on issuance of construction permits.
5. Progress Photos
 - Area D Foundations



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- Courtyard Excavation



- Area C Structural Steel Start



- Area C Structural Steel Ongoing



- Gymnasium Sheathing



- Auditorium Catwalk Steel



C. Design Coordination:

1. RFI Status
 - Submitted (233)
 - Open (03)
 - Critical (00)
2. Submittals
 - Submitted (475)
 - Open (65)
 - Critical (01)
3. ASI's & PR's
 - Issued (52)

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.

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 2/6/17 = 85

Week of 2/13/17 = 72

Week of 2/20/17 = 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
• 05.02 Miscellaneous Metals	\$ 755,350
• 06.01A Architectural Millwork	\$ 409,199
• 06.01B Laboratory Equipment	\$ 159,090
• 06.01C Laboratory Casework	\$ 989,575
• 07.01 Below Grade Waterproofing	\$ 41,600
• 07.01 Air & Vapor Barrier	\$ 445,770
• 07.02 Roofing and Flashing	\$ 1,770,000
• 07.03 Applied Fireproofing	\$ 328,320
• 07.05 Firestopping	\$ 54,750
• 08.01 Doors, Frames & Hardware	\$ 570,897
• 08.02 Windows, Storefront & Curtainwall	\$ 2,935,827
• 08.03 Overhead Doors	\$ 64,000
• 09.01 Metal Stud Framing & Drywall	\$ 5,550,000
• 09.02 Acoustical Ceilings	\$ 574,473
• 09.02 Acoustical Wall Panels	\$ 371,000
• 09.03 Ceramic Tile	\$ 640,000
• 09.03 Resilient Flooring	\$ 953,000
• 09.04 Stage and Gymnasium Flooring	\$ 159,000
• 09.05 Resilient Athletic Flooring	\$ 49,000
• 09.06 Painting	\$ 600,000
• 10.01 Miscellaneous Accessories	\$ 601,678
• 11.01 Kitchen Equipment	\$ 467,822
• 11.03 Stage Rigging & Curtains	\$ 320,000
• 11.04 Athletic Equipment	\$ 132,400
• 12.01 Window Treatments	\$ 76,700
• 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
• 23.01 Ductwork	\$ 2,645,270
• 23.01 Mechanical	\$ 2,241,750
• 23.01 Testing & Balancing	\$ 77,300
• 23.02 Automatic Temperature Controls	\$ 761,465
• 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

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• 31.03 Turf Field	\$	417,250
• 32.02 Fencing	\$	128,881
o Total to Date		\$53,048,967
2. Current Contract Summary		
• Base Contract:		\$71,643,000
• Approved Changes thru CO #3	\$	652,201
• Current Contract amount:		\$72,295,201
3. Change Order Management:		
Previously Approved Proposals	\$	652,201
Proposals to be included in CO No. 4:		
• 190043R	\$	19,320
• 190044	\$	982
• 190048	(\$	1,520)
• 190053	(\$	5,777)
• 190062	(\$	4,605)
• Total	\$	8,400
4. Contingency Usage		
• Carried:	\$	1,700,000
• Committed to Date:	\$	23,714
• Remaining:	\$	1,676,286
5. Allowance Status		
	<u>Used</u>	<u>Remaining</u>
• Hazardous Abatement	\$900	\$ 1,091,100
• Animal Science Building	\$36,358	\$ 1,163,642
• Climbing Wall	\$0	\$ 35,000
6. Application for Payment Status		
• Requisitioned to Date Thru #9		\$12,841,570
• Current Retained Amount	\$	478,358
• Remaining to be Billed		\$59,931,989