



CONSTRUCTION



Dover High School and Career Technical Center

Monthly Construction Report No. 19



April 2, 2018

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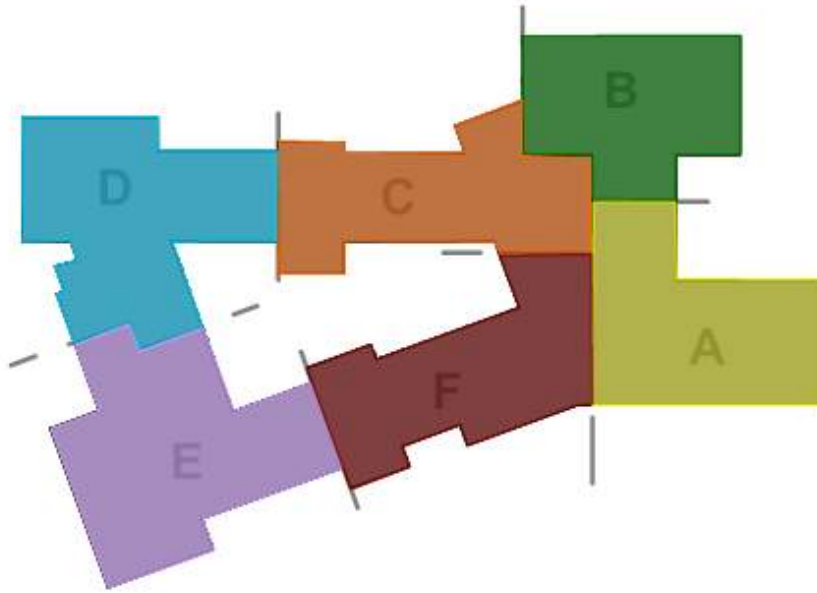
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A. Executive Summary:

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

- Permanent lighting is energized in Building C
- Flushing of hot and chilled water is on-going
- Aud clouds are complete and lifts are being removed
- Gym wood floor installation is on-going
- Exterior Alum Door installation has begun
- Ceramic wall tile installation is progressing throughout

3. Critical Issues

- Manpower for electricians and finish trades.

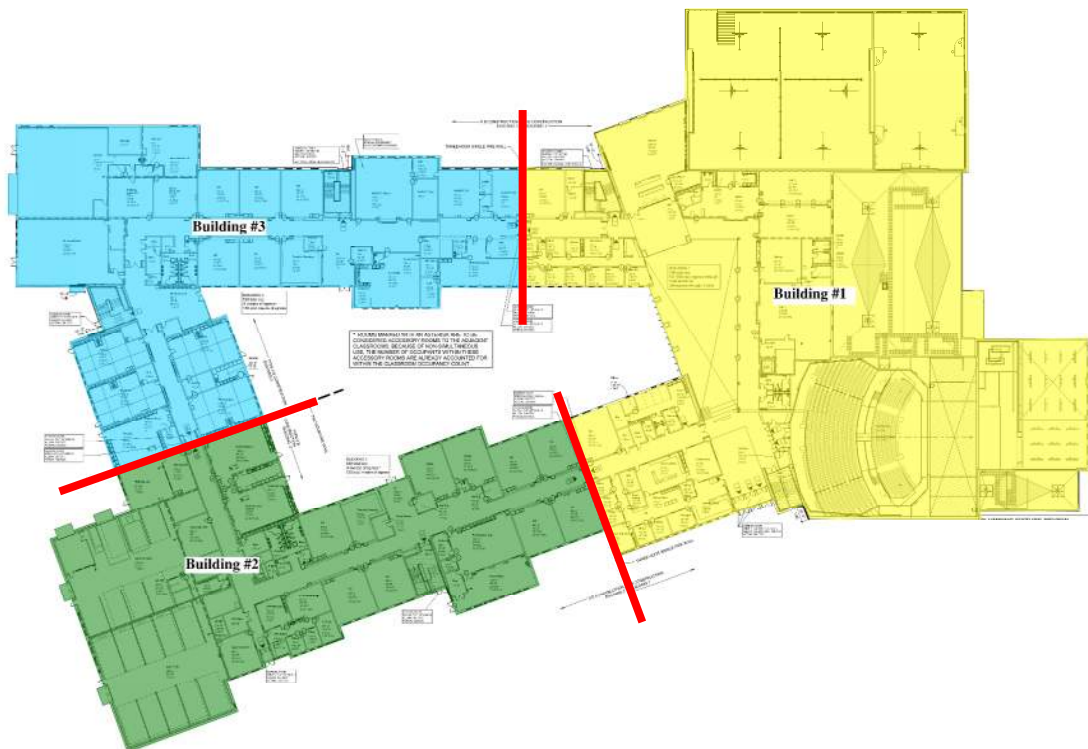
4. Summary

- 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 – 3/30/18 update provided.

3. Three-Week Look Ahead Schedule – Distributed weekly

4. Schedule Impacts

- Analyzing impact due to volume of changes to documents.

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5. Progress Photos

- Mail Room Millwork



- Auditorium Cloud Progress



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- Gymnasium Progress



- Guidance Suite Millwork



C. Design Coordination:

1. RFI Status
 - Submitted (731)
 - Open (07)
 - Critical (02)
2. Submittals
 - Submitted (865)
 - Open (09)
 - Critical (00)
3. ASI's & PR's
 - Issued (174)

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 03/05/18 = 88

Week of 03/12/18 = 82

Week of 03/19/18 = 73

Week of 03/26/18 = 91

E. Project Financial Status:

1. Procurement Update: Letters of Recommendation (LOR's) Issued and Signed
 - 02.01 Demolition & Asbestos Abatement \$ 2,193,895
 - 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

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• 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
• 31.03 Turf Field	\$ 417,250
• 32.02 Fencing	\$ 128,881
• 03.2A Courtyard Concrete	\$ 241,600
• 32.1A Courtyard Landscaping	\$ 85,020
• 32.1B Courtyard Hardscaping	\$ 127,110
• Animal Science Building Shell	\$ 375,000
• Animal Science Building Erection	\$ 121,000
• 08.01A Door & Hardware Installation	\$ 84,000
• Climbing Wall	\$ 38,116
• ASB 21.1 Fire Protection	\$ 52,500
• ASB 23.1 Mechanical	\$ 217,003
• ASB 23.1 Air Handling Unit	\$ 29,500
• ASB 23.1 Plumbing	\$ 173,600
• ASB 23.1 Ductwork	\$ 70,000
• ASB 23.2 Temperature Controls	\$ 70,700
• ASB 26.1 Electrical	\$ 355,424
○ Total to Date	\$57,283,435

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2. Current Contract Summary		
• Base Contract:		\$71,643,000
• Approved Changes thru CO #14		\$ 1,870,457
• Current Contract amount:		\$73,513,457
3. Change Order Management:		
Previously Approved Proposals		\$ 1,870,457
Proposals to be included in CO No. 15:		
• 190229R1		(\$ 1,459)
• 190230		\$ 1,842
• Total		\$ 1,870,840
4. Contingency Usage		
• Carried:		\$ 1,700,000
• Committed to Date:		\$ 1,700,000
• Remaining:		\$ 0
5. Allowance Status		
	<u>Used</u>	<u>Remaining</u>
• Hazardous Abatement	\$ 2,241	\$ 1,089,759
• Animal Science Building	\$1,200,000	\$ 0
• Climbing Wall	\$38,116	(\$ 3,116)
6. Application for Payment Status		
• Requisitioned to Date Thru #22		\$59,393,885
• Current Retained Amount		\$ 2,493,340
• Remaining to be Billed		\$16,612,911