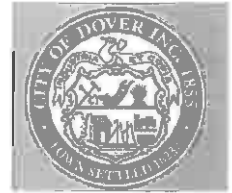




CONSTRUCTION



Dover High School and Career Technical Center

Monthly Construction Report No. 20



May 1, 2018

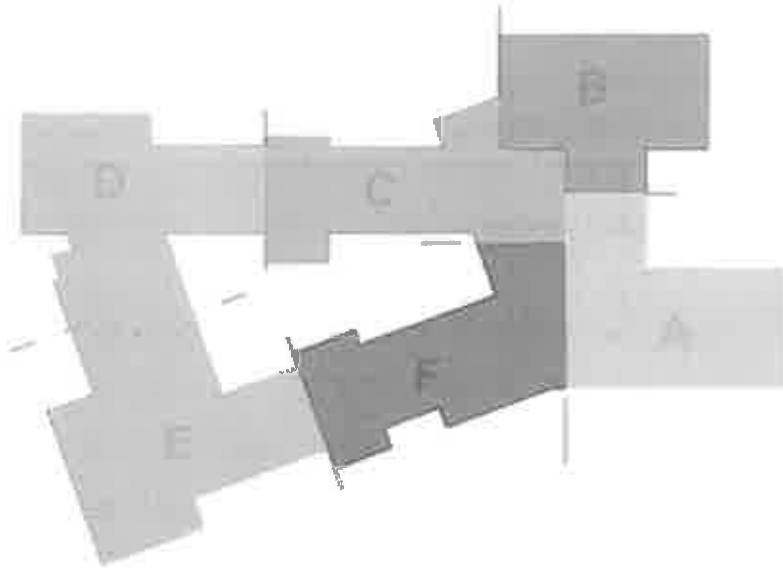
TABLE OF CONTENTS

- A. Executive Summary
 - 1. Construction Documents Area Breakout Plan
 - 2. Construction Progress Highlights
 - 3. Critical Issues
 - 4. Summary
- B. Construction Status
 - 1. Schedule Building Phase Plan
 - 2. Monthly Construction Schedule Update
 - 3. 3-Week Look Ahead Schedule
 - 4. Schedule Impacts
 - 5. Progress Photos
- C. Design Coordination
 - 1. RFI's
 - 2. Submittals
 - 3. Architectural Supplemental Instructions
- D. Safety
 - 1. Safety Status
- E. Project Financial Status
 - 1. Procurement Update
 - 2. Current Contract Summary
 - 3. Change Order Management
 - 4. Contingency Usage
 - 5. Allowance Usage
 - 6. Billed to Date

Dover HS & CTC - Monthly Report for April, 2018

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

Dover HS & CTC - Monthly Report for April, 2018

2. Construction Progress Highlights

- Permanent lighting is energized in Buildings A & B
- Balancing of 2nd floor hot water piping is ongoing
- Aud stage wall is closed up
- Gym bleacher installation has begun
- Animal Science Building columns installation is on-going
- Mason is completing last brick veneer at Music wing

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 – 5/01/18 update provided.

3. Three-Week Look Ahead Schedule – Distributed weekly

4. Schedule Impacts

- Analyzing impact due to volume of changes to documents.

Dover HS & CTC - Monthly Report for April, 2018

5. Progress Photos

- Teacher Planning 118



- Gymnasium Wood Floor



Dover HS & CTC - Monthly Report for April, 2018

- **Animal Science Building Columns**



- **Library Millwork**



Dover HS & CTC - Monthly Report for April, 2018

C. Design Coordination:

1. RFI Status
 - Submitted (748)
 - Open (03)
 - Critical (00)
2. Submittals
 - Submitted (890)
 - Open (17)
 - Critical (00)
3. ASI's & PR's
 - Issued (197)

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 04/02/18 = 70

Week of 04/09/18 = 88

Week of 04/16/18 = 85

Week of 04/23/18 = 82

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

Dover HS & CTC - Monthly Report for April, 2018

• 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
• 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
• 32.1 Phase 2 Landscaping	\$ 61,035
• 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

Dover HS & CTC - Monthly Report for April, 2018

• ASB 03.1 Concrete	\$ 43,380
• ASB 07.2 Spray Foam Insulation	\$ 57,752
• ASB 08.1 Doors, Frames & Hardware	\$ 44,068
• ASB 08.2 Glass and Glazing	\$ 25,000
• ASB 09.1 Drywall	\$ 120,000
• ASB 09.3 Acoustical Ceiling	\$ 33,200
• ASB 09.4 Flooring	\$ 29,000
• ASB 09.5 Painting	\$ 24,650
• ASB 09.6 Epoxy Flooring	\$ 21,000

○ Total to Date \$57,742,520

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:

• 190067	\$ 956
• 190151	\$ 5,622
• 190154	\$ 4,594
• 190190	\$ 3,246
• 190213	\$ 6,220
• 190216	(\$ 2,128)
• 190229R1	(\$ 1,459)
• 190230	\$ 1,842
• 190236	\$ 3,100
• 190237	\$ 2,016
• 190240	\$ 6,288
• 190242	\$ 2,682
• 190247	\$ 5,374

• Total \$ 1,908,810

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)

Dover HS & CTC - Monthly Report for April, 2018

6. Application for Payment Status

• Requisitioned to Date Thru #23	\$61,817,801
• Current Retained Amount	\$ 2,603,039
• Remaining to be Billed	\$14,298,694