Dover High School and Career Technical Center
Monthly Construction Report No. 13

October 3, 2017
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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
   • Interior drywall in Areas A & B is nearly complete
   • Interior framing in Areas D & F are complete
   • Interior drywall in Area C is on-going
   • Window and Curtainwall installation has begun
   • RTU placement has begun
   • Interior piping, ductwork and electrical are on-going
   • Interior concrete slab placement is substantially complete

3. Critical Issues
   • Finalization and issuance of color selections so materials can be ordered and delivered for installation. Resolution of recent code questions from Inspectional Services.

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.


3. Three-Week Look Ahead Schedule – Distributed weekly
4. Schedule Impacts
   • Analyzing impact due to volume of changes to documents.

5. Progress Photos
   • Auditorium Concrete Steps Complete
• Town Square Curtainwall Installation

• Courtyard Seatwall Foundations
• South Elevation @ CTC Entrance

• Library Elevation
C. Design Coordination:

1. RFI Status
   - Submitted (561)
   - Open (08)
   - Critical (01)

2. Submittals
   - Submitted (760)
   - Open (21)
   - Critical (00)

3. ASI’s & PR’s
   - Issued (137)

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 9/05/17 = 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
   - 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
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- 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

  o Total to Date $55,696,592

2. Current Contract Summary
   - Base Contract: $71,643,000
   - Approved Changes thru CO #8 $ 910,414
   - Current Contract amount: $72,553,414

3. Change Order Management:
   Previously Approved Proposals $ 910,414
   Proposals to be included in CO No. 9:
   - 190020.2 $ 189,382
   - 190058 ($ 152)
   - 190060R1 $ 22,776
   - 190065 $ 18,387
   - 190089R2 $ 5,080
   - 190103R1 $ 7,485
   - 190115 ($ 5,238)
   - 190124 ($ 337)
   - 190128 $ 498
   - 190137 $ 609
   - 190148 ($ 4,256)

  o Total $ 1,144,648

4. Contingency Usage
   - Carried: $ 1,700,000
   - Committed to Date: $ 1,123,760
   - Remaining: $ 576,240

5. Allowance Status
   Used Remaining
   - Hazardous Abatement $ 2,241 $ 1,089,759
   - Animal Science Building $36,358 $ 1,163,642
   - Climbing Wall $0 $ 35,000
6. Application for Payment Status
   • Requisitioned to Date Thru #16 (Draft)   $39,063,177
   • Current Retained Amount                 $  1,595,032
   • Remaining to be Billed                  $35,085,270