DOVER GREEN WAVE

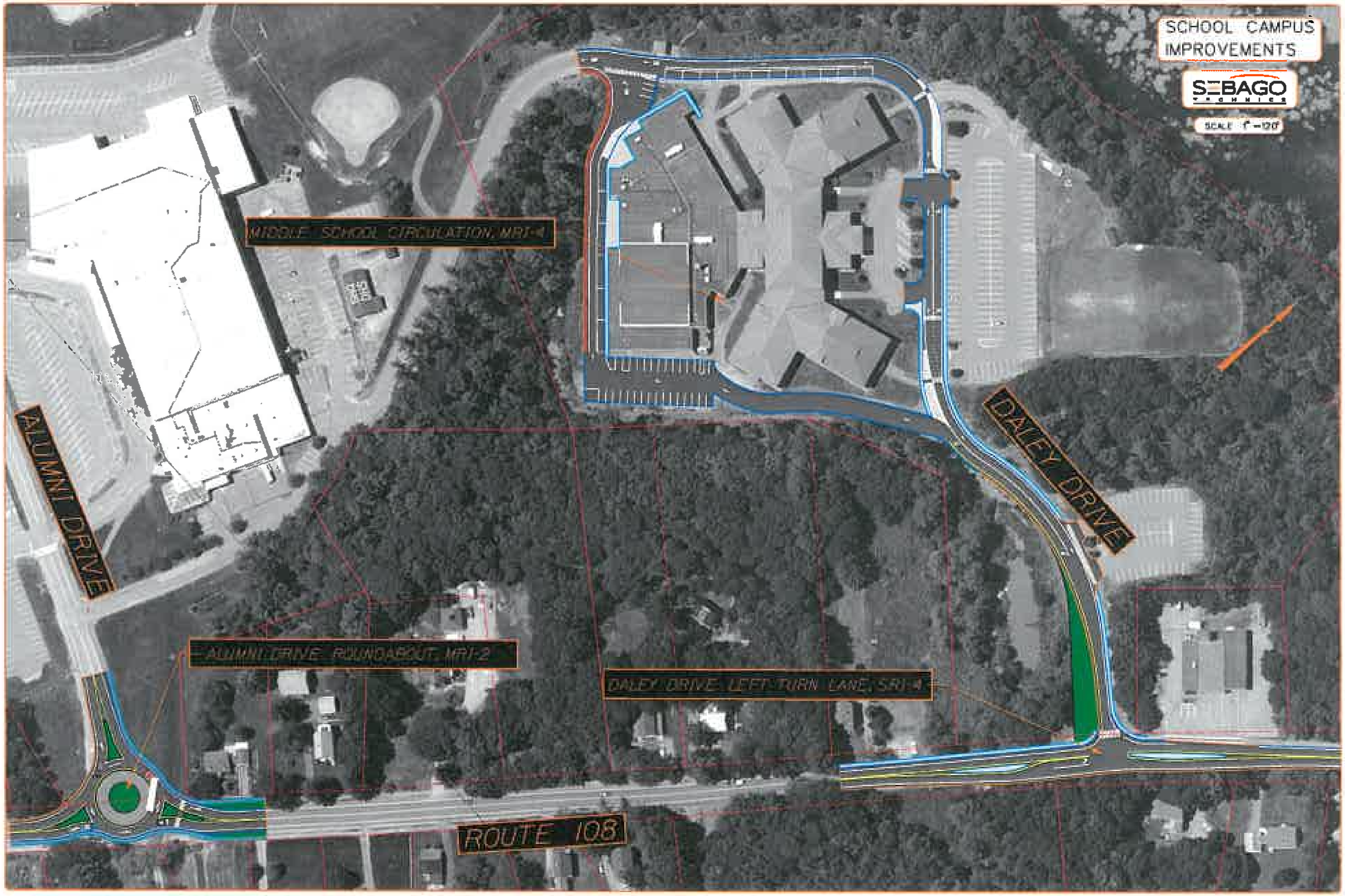
DOVER SCHOOL DISTRICT

JOINT BUILDING COMMITTEE – DOVER HIGH SCHOOL AND REGIONAL CTC MEETING NOTICE

Meeting Type:	**Regular Meeting**
Meeting Location:	**Superintendent's Conference Room, McConnell Center**
Meeting Date:	**Thursday, May 4, 2017**
Meeting Time:	**4:30 P.M.**

1. Call to order and roll call
2. Citizens' Forum
3. Sebago Presentation
4. Approval of Meeting Minutes from April 18, 2017
5. Committee Financial Report
6. Financial and Status Report Approval
7. Approve manifests
8. Review and approve change order proposals
9. Approve Letters of Recommendation for subcontractors
10. Clerk of the Works Report
11. Fundraising Resolution Draft
12. Permitting Update
13. DHS Scoreboards
14. Outfield Drainage Issues
15. Construction schedule update
16. Review future meeting schedule
17. Matters of Interest
18. Build next agenda and review action items
19. Adjournment


MIDDLE SCHOOL CIRCULATION
MRI-4
SEBAGO
SCALE 1" =120'
DALEY DRIVE
BUSSES AND AUTHORIZED TRAFFIC ONLY
PARENT LOADING ZONE
5' DOOR ZONE BUFFER
BUS LOADING ZONE


SCHOOL CAMPUS IMPROVEMENTS
SEBAGO TECHNICS
SCALE 1" = 120'
MIDDLE SCHOOL CIRCULATION, MRI-4
DALEY DRIVE
ALUMNI DRIVE
ALUMNI DRIVE ROUNDABOUT, MRI-2
DALEY DRIVE LEFT TURN LANE, SRI-4
ROUTE 108

Joint Building Committee
Dover High School and Regional CTC
Minutes

Dover School District

Meeting Type:	Regular Meeting
Meeting Location:	Superintendent's Conference Room, McConnell Ctr.
Meeting Date:	**Tuesday, April 18, 2017**
Meeting Time:	**4:30 p.m.**

I. **CALL TO ORDER AND ROLL CALL:** A meeting of the Dover High School and Regional Career Technical Center Joint Building Committee was called to order on Tuesday, April 18, 2017 at 4:40 p.m. in the Superintendent's Conference Room in the McConnell Center. Present were Bob Carrier, Jason Gagnon, Mark Geuther and Matt Severson. Amanda Russell and Sarah Greenshields were excused. Also present were Superintendent Elaine Arbour, High School Principal Peter Driscoll, Clerk of the Works Michael Brooks, Business Administrator Libby Simmons, Dover Fire Chief Eric Hagman, PC Construction Project Manager Scott Blair, HMFH representative Tina Stanislaski and Facilities Director Jeff White.

II. **CITIZENS' FORUM:** No one addressed the committee.

III. **APPROVE MEETING MINUTES FROM APRIL 4, 2017:** Jason Gagnon moved, Matt Severson seconded to approve the minutes listed. An oral **VOTE PASSED 4/0.**

IV. **COMMITTEE FINANCIAL REPORT:** Ms. Simmons reviewed the financial report for the JBC.

V. **APPROVE MANIFESTS:**

Matt Severson moved, Jason Gagnon seconded to pay manifest CIPM#DHSCTC069 in the amount of $84,564.54 to HMFH Architects for professional services (Invoices 1456, 1457, 1457, 1458) rendered through 3/31/2017. A roll call **VOTE PASSED 4/0.**

Matt Severson moved, Jason Gagnon seconded to pay manifest CIPM#DHSCTC070 in the amount of $7,000.00 to Sebago Technics for professional services through 2/24//17. A roll call **VOTE PASSED 4/0.**

Jason Gagnon moved, Matt Severson seconded to pay manifest CIPM#DHSCTC071 in the amount of $620.00 to Horizon Engineering Associates for professional services through 3/31/2017. A roll call **VOTE PASSED 4/0. (Attachment A)**

VI. **REVIEW AND APPROVE CHANGE ORDER PROPOSALS:**

Matt Severson moved, Jason Gagnon seconded to approve Change Request Proposal 190037 ASI-022 Elevator Roof Structure in the amount of $0. A roll call **VOTE PASSED 4/0**.

Matt Severson moved, Jason Gagnon seconded to approve Owner's Change Order 0005 in the amount of $138,029.00. This is not an addition to the project. It is a transfer from HMFH to PC Construction. A roll call **VOTE PASSED 4/0. (Attachment B)**

VII. **APPROVE LETTERS OF RECOMMENDATION FOR SUBCONTRACTORS:** none

VIII. **CLERK OF THE WORKS REPORT:** Mr. Brooks reviewed his weekly site reports dated April 7 and April 14. There is a delay in shipment of lighter colored brick for courtyard. Currently, the date of delivery is June 19. Mr. Blair is working to get it sooner. The new foreman for Lemire is doing a great job.

IX. PERMITTING UPDATE: Mr. Blair spoke with Mr. Maxfield who stated he just needs to complete the paperwork. Work is continuing without issue.

X. CONSTRUCTION SCHEDULE UPDATE:

The updated schedule will be posted at the end of the week on the submittal exchange. There are no overall changes to the schedule at this time.

XI. REVIEW FUTURE MEETING SCHEDULE: There is no change to the schedule. The next meeting will be May 2.

XII. MATTERS OF INTEREST: Dr. Arbour shared information regarding the meeting held with Sebago Technics regarding the Route 108 corridor. The discussion was regarding re-directing the flow of traffic on the entire DHS campus. She asked Sebago to share information with Kim Stephens and Peter Driscoll for their input. The hope is to keep busses away from parent traffic. The proposal consists of a right turn only onto Daley Dr. and a roundabout in front of Alumni Dr. The goal is to have people move in one direction around the campus. There is not enough traffic to warrant a traffic light. They also discussed the DMS issue with a crossing guard although they are not looking at other options at this time. This also affects traffic at DHS. X They also discussed a possible path/trail within a year or two. Adding bike racks and bike lanes were also discussed.

XIII. BUILD NEXT AGENDA AND REVIEW ACTION ITEMS: Contingency plan that explains mechanisms for rental generator (future agenda). Sebago Technics will present information on the traffic plan at the May 2 meeting. Dr. Arbour will share the link with her most recent drawings, although updated drawings will be provided when available.

XIV. ADJOURNMENT: Matt Severson moved, Mark Geuther seconded to adjourn the JBC meeting at 5:20 p.m. An oral **VOTE PASSED 4/0.**

Dover High School and Regional Career Technical Center Project
Summary of Contract Amounts and Expenditures/Obligations To Date
Feasibility Study & Design, Geotech and Construction Services
Date: May 4, 2017

Appropriation #1 (FY14),Issued January 26, 2014:	$	900,000.00
Appropriation #2 (FY15), Issued November 12, 2014:	$	23,300,000.00
Appropriation #3 (FY16), Issued July 22, 2015:	$	49,700,000.00
State of NH Funding:	$	13,500,000.00
Appropriation #4, DHS/RCTC Bond Premium Appropriation (Project Manager) Approved 5/11/2016:	$	222,756.00
Total Appropriation:	$	87,622,756.00

Vendor	Description of Services	(A) Contract Totals	(B) HS Portion of Total Amount @ 77.2%	(C) CTE Portion of Total Amount @ 22.8%	(D = B+C) Total Expenditures To Date	(E = A-D) HS & CTE Remaining Balance (Obligations)	District Share of CTE Portion @ 100%	(F = C x 25%) District Share of CTE Portion @ 25%	(G = C x 75%) (Invoiced through 4/30/2017) State Share of CTE Portion @ 75%	State Funding Rec'd To Date 5/4/2017 (March Claim)
HMFH	Feasability Study	$ 485,000.00	$ 374,420.00	$ 110,580.00	$ 485,000.00	$0 - Complete	$ -	$ 27,645.00	$ 82,935.00	$ 82,935.00
HMFH	PSS#1: Frank Locker Visioning Study	$ 29,150.00	$ 22,503.80	$ 6,646.20	$ 29,150.00	$0 - Complete	$ 6,646.20	$ -	$ -	
HMFH	PSS#2: Universal Environmental, (Haz Mat)	$ 6,270.00	$ 4,840.44	$ 1,429.56	$ 6,270.00	$0 - Complete	$ 1,429.56	$ -	$ -	
HMFH	PSS#2: McPhail Associates, (GeoTech)	$ 23,650.00	$ 16,506.76	$ 4,875.05	$ 21,381.81	$ 2,268.19	$ 4,875.05	$ -	$ -	
HMFH	PSS#2: Sebago Technics, (Site Survey)	$ 43,780.00	$ 33,798.16	$ 9,981.84	$ 43,780.00	$0 - Complete	$ 9,981.84	$ -	$ -	
HMFH	Add'l Services: Travel, Postage, Printing	$ 7,811.25	$ 6,030.29	$ 1,780.97	$ 7,811.25	$0 - Complete	$ -	$ 445.24	$ 1,335.72	$ 1,335.72
Dover School District	Clerical, Legal and Supply Costs	$ 14,527.35	$ 11,215.11	$ 3,312.24	$ 14,527.35	$0 - Complete	$ 1,116.66	$ 548.90	$ 1,646.69	$ 1,646.69
PC Construction	Construction Manager Services	$ 96,000.00	$ 74,112.00	$ 21,888.00	$ 96,000.00	$0 - Complete	$ -	$ 5,472.00	$ 16,416.00	$ 16,416.00
	Subtotal, Feasibility Study:	$ 706,188.60	$ 543,426.56	$ 160,493.85	$ 703,920.41	$ 2,268.19	$ 24,049.31	$ 34,111.14	$ 102,333.41	$ 102,333.41
HMFH	PSS#3: Schematic Design (15%)	$ 1,008,000.00	$ 778,176.00	$ 229,824.00	$ 1,008,000.00	$0 - Complete	$ -	$ 57,456.00	$ 172,368.00	$ 172,368.00
HMFH	PSS#3 /PSS#6: Design Development (20%)	$ 1,316,000.00	$ 1,015,952.00	$ 300,048.00	$ 1,316,000.00	$0 - Complete	$ -	$ 75,012.00	$ 225,036.00	$ 225,036.00
HMFH	PSS#3 / PSS#6: Construction Documents (25%)	$ 1,633,000.00	$ 1,235,462.48	$ 364,877.52	$ 1,600,340.00	$ 32,660.00	$ -	$ 91,219.38	$ 273,658.14	$ 273,658.14
HMFH	PSS#3: Bidding (5%)	$ 336,000.00	$ 246,422.40	$ 72,777.60	$ 319,200.00	$ 16,800.00	$ 72,777.60	$ -	$ -	
HMFH	PSS#3: Construction Administration-Phase 1 (30%)	$ 2,016,000.00	$ 498,032.64	$ 147,087.36	$ 645,120.00	$ 1,370,880.00	$ -	$ 36,771.84	$ 110,315.52	$ 110,315.52
HMFH	PSS#3: Construction Administration-Phase 2 (5%)	$ 336,000.00			$ -	$ 336,000.00	$ -	$ -	$ -	
HMFH	Add'l Services: Travel, Postage, Printing	$ 85,000.00	$ 14,811.61	$ 4,374.41	$ 19,186.02	$ 65,813.98	$ 1,567.50	$ 701.72	$ 2,105.16	$ 2,105.17
HMFH	PSS#4: Phail Associates - Geotechnical	$ 40,700.00	$ 31,366.58	$ 9,263.70	$ 40,630.28	$ 69.72	$ 9,263.71	$ -	$ -	
HMFH	PSS#5: Synthetic Turf Field Design	$ 74,250.00	$ 43,309.20	$ 12,790.80	$ 56,100.00	$ 18,150.00	$ 12,790.80	$ -	$ -	
HMFH	PSS#5: GGD-Technology Procurement	$ 35,200.00			$ -	$ 35,200.00	$ -	$ -	$ -	
HMFH	PSS#5: UEC-Add'l HazMat Services	$ 19,800.00	$ 15,285.60	$ 4,514.40	$ 19,800.00	$0 - Complete	$ 4,514.40	$ -	$ -	
HMFH	PSS#5: PLS - Furniture & Equip Procurement	$ 110,000.00	$ 39,445.34	$ 11,649.66	$ 51,095.00	$ 58,905.00	$ 11,649.66	$ -	$ -	
HMFH	PSS#7: Irrigation	$ 9,350.00	$ 4,670.60	$ 1,379.40	$ 6,050.00	$ 3,300.00	$ 1,379.40	$ -	$ -	
HMFH	PSS#8 & PSS#10: Add'l Geotechnical Engineering	$ 180,620.00	$ 106,065.07	$ 31,324.91	$ 137,389.98	$ 43,230.02	$ 31,324.91	$ -	$ -	
HMFH	PSS#9: HMFH Professional Services (COW)	$ 731.05	$ 564.37	$ 166.68	$ 731.05	$0 - Complete	$ 166.68	$ -	$ -	$ -
HEA	Commissioning Agent	$ 171,630.00	$ 28,111.80	$ 8,302.46	$ 36,414.26	$ 135,215.74	$ -	$ 2,075.62	$ 6,226.84	$ 6,120.82
Dover School District	Clerical Support, Legal and Supply Costs	$ 12,064.65	$ 9,313.91	$ 2,750.74	$ 12,064.65	$0 - Complete	$ 599.64	$ 537.78	$ 1,613.33	$ 1,613.33
RW Gillespie	Materials Testing Services & Special Inspections	$ 141,969.00	$ 73,430.56	$ 21,686.75	$ 95,117.31	$ 46,851.69	$ 21,686.75	$ -	$ -	
Sebago Technics	Traffic Study	$ 30,000.00	$ 19,840.40	$ 5,859.60	$ 25,700.00	$ 4,300.00	$ 5,859.60	$ -	$ -	
Eversource Energy	Install pole, anchor, xarms, cutouts for primary riser	$ 8,608.00	$ 6,645.37	$ 1,962.63	$ 8,608.00	$0 - Complete	$ 1,962.63	$ -	$ -	
Seacoast Media Group	Employment Ad for Clerk of Works	$ 329.46	$ 329.46	$ -	$ 329.46	$0 - Complete	$ -	$ -	$ -	
State of NH-DES	Wetlands Permit Application	$ 200.00	$ 154.40	$ 45.60	$ 200.00	$0 - Complete	$ 45.60	$ -	$ -	$ -
Michael Brooks	Clerk of Works (est wage & benefits 10/1/16-6/30/17)	$ 59,674.61	$ 35,694.99	$ 10,542.05	$ 46,237.04	$ 13,437.57	$ 10,542.05	$ -	$ -	$ -
PC Construction	GMP, including additions/deductions by change order	$ 72,448,705.00	$ 12,045,829.94	$ 3,297,690.06	$ 15,343,520.00	$ 57,105,185.00	$ 215,730.75	$ 770,489.83	$ 2,311,469.48	$ 1,904,475.23
Dover School District	Estimated Gas Usage for Construction Heaters	$ 120,000.00	$ 20,385.79	$ 6,020.67	$ 26,406.46	$ 93,593.54	$ 6,020.67	$ -	$ -	$ -
					$ -	$ -				
	Subtotal, Design, Geotech & Construction Services:	$ 80,193,831.77	$ 16,269,300.51	$ 4,544,939.00	$ 20,814,239.51	$ 59,379,592.26	$ 407,882.35	$ 1,034,264.17	$ 3,102,792.47	$ 2,695,692.21
	Totals:	$ 80,900,020.37	$ 16,812,727.07	$ 4,705,432.85	$ 21,518,159.92	$ 59,381,860.45	$ 431,931.66	$ 1,068,375.31	$ 3,205,125.88	$ 2,798,025.62

Unexpended/Unencumbered Funds Remaining: $ 6,722,735.63

Dover High School and Regional Career Technical Center Project
Summary of Contract Amounts and Expenditures/Obligations To Date
Feasibility Study & Design, Geotech and Construction Services
Date: May 4, 2017

PC Construction - Guaranteed Maximum Price (GMP)		
Total Contract Sum (includes $4,270,636 for Procurement and Early Work, 6/20/16-10/7/16)	$71,643,000.00	
Change Order #1, Approved 12/13/2016		
Proposal#190006R1 - Ledge Removal SMH-4 to SMH-2	$6,200.00	
Proposal#190012R1 - RFI-009 Organic Mat at Loading Dock	$34,405.00	
Proposal#190013R1 - Ledge Removal Force Main to SMH-2	$1,705.00	
Proposal#190014R1 - Ledge Removal SMH-2 to SMH-1	$8,680.00	
Proposal#190016R1 -Ledge Removal SMH-1 to Existing SMH	$3,151.00	
Total Change Order #1:	**$54,141.00**	
Change Order #2, Approved 1/24/2017		
Proposal#190010 - RFI-007 Fabric Under Roadway	$3,705.00	
Proposal#190021 - ASI-001 Catwalk Revisions	-$1,657.00	
Proposal#190022 - ASI-007 Loading Dock Footing Rev.	$2,197.00	
Proposal#190023 - ASI-006R Courtyard & Loading Dock Drainage	$15,015.00	
Proposal#190025 - Organic Soil Removal Area B	$2,559.00	
Proposal#190027 - RFI-125 Road Subgrade Revisions	$17,926.00	
Proposal#190029 - Edge Strip Deletion Credit	-$6,953.00	
Proposal#190034 - ASI-016 Control Joint Addition	$0.00	
Total Change Order #2:	**$32,792.00**	
Change Order #3, Approved 2/15/2017		
Proposal#190020.1 Ledge Removal for Foundations & Utilities	$185,297.00	
Proposal#190026 RFI-099 Deleted RAP's at AE Line	-$9,531.00	
Proposal#190028R1 - ASI-12 Animal Science Power	$0.00	
Proposal#190031 - ASI-014 Kitchen Equipment Revisions	$454,539.00	Under original FF & E Budget
Proposal#190035 - ASI-020 Life Safety Switch	$14,252.00	
Proposal#190036 - PR-001 Slab Depression Deletion	-$46,832.00	
Proposal#190040 - ASI-023 Revised Grease Traps	-$10,245.00	
Propsoal#190047 - RFI-141R1 Fiber Reinforced Concrete	-$22,212.00	
Total Change Orders #3:	**$565,268.00**	
Change Order #4, Approved 3/21/2017		
Proposal#190030 ASI-013 Window Changes	$0.00	
Proposal#190033 ASI-017 Steel Additions & ASI-026	$3,858.00	
Proposal#190041 - ASI-024 Stair #2 Revisions	$0.00	
Proposal#190043R - ASI-027 Smoke Hatch Revisions	$19,320.00	
Proposal#190043R2 - ASI-027 Smoke Hatch Revisions	-$2,533.00	
Proposal#190044 - ASI-028 Brace at Column B2/BE.1	$982.00	
Proposal#190048 - AIS-029 Cardio/Weight Room Floor Revision	-$1,520.00	
Proposal#190053 - PR-003 Schulter Cove Base	-$5,777.00	
Proposal#190059 - ASI-032 and 037 Revised Brace Bays	$1,597.00	
Proposal#190062 - ASI-039 Bleacher Power	-$4,605.00	
Propsoal#190073 - ASI-041 Lockers in Building Construction	$4,153.00	
Total Change Orders #4:	**$15,475.00**	
Change Order #5, Approved 4/18/2017		
Proposal#190037 ASI-022 Elevator Roof Structure	$0.00	
Proposal#190038 ASI-21.1 Curtainwall Revisions	$4,947.00	
Proposal#190050 ASI-031/RFI 189-Eliminated Catwalk Steel Mesl	-$6,314.00	
Proposal#190078 - Paint Booth Procurement	$139,396.00	
Total Change Orders #5:	**$138,029.00**	
Total Change Orders Approved to Date	$805,705.00	
New Contract Sum Including Approved Change Orders	**$72,448,705.00**	

Retainage Held To Date (PC Construction):	$	575,084.00	App#1-#10

CAPITAL IMPROVEMENTS SUMMARY
Dover High School & Regional Career Technical Center Project
As of: April 30, 2017

Appropriation #1 (FY14), Issued January 28, 2014:	$	900,000.00
Appropriation #2 (FY15), Issued November 12, 2014:	$	23,300,000.00
Appropriation #3 (FY16), Issued July 22, 2015:	$	49,700,000.00
State of NH Funding (FY16):	$	13,500,000.00
Appropriation #4, DHS/RCTC Bond Premium appropriation (Project Manager) approved 5/11/2016:	$	222,756.00
Total Appropriation:	**$**	**87,622,756.00**

Date	CIPM#	Expenditures to Date:		Amount:
2/26/2015	001	HMFH Architects, Inc.: Professional Services through 12/31/2014	$	24,250.00
2/26/2015	001	HMFH Architects, Inc.: Professional Services through 1/31/2015	$	106,100.00
3/12/2015	002	HMFH Architects, Inc.: Travel Expense - for services rendered through 12/31/2014	$	347.94
3/12/2015	002	HMFH Architects, Inc.: Travel Expense - for services rendered through 1/31/2015	$	238.23
3/26/2015	003	HMFH Architects, Inc.: Professional Services through 2/28/2015	$	89,268.74
4/30/2015	004	HMFH Architects, Inc.: Professional Services through 3/31/2015	$	130,884.68
6/18/2015	005	HMFH Architects, Inc.: Professional Services through 4/30/2015	$	86,731.41
6/30/2015	006	HMFH Architects, Inc.: Professional Services through 5/31/2015	$	84,706.16
6/30/2015	006	HMFH Architects, Inc.: Professional Services through 6/30/215	$	40,383.96
6/30/2015	008	Journal entry to re-class JBC expenses from GF (managed under existing POs & Payroll within GF)	$	14,527.35
9/3/2015	007	HMFH Architects, Inc.: Professional Services through 7/31/2015	$	24,431.94
10/15/2015	010	HMFH Architects, Inc.: Professional Services through 8/31/2015	$	153,095.89
10/23/2015	012	PC Construction Co.: Precon Ph I - Initial 3 conceptual design option estimates & recon with HMFH Estimator	$	59,000.00
11/5/2015	011	HMFH Architects, Inc.: Professional Services through 9/30/2015	$	352,800.00
12/3/2015	013	HMFH Architects, Inc.: Professional Services through 10/31/2015	$	302,400.00
12/3/2015	014	HMFH Architects, Inc.: Printing & Travel Expense - for services rendered through 10/31/2015	$	933.06
12/3/2015	015	HMFH Architects, Inc.: Professional Services through 10/31/2015	$	25,515.33
12/31/2015	016	HMFH Architects, Inc.: Professional Services through 11/30/2015	$	398,498.63
2/11/2016	017	HMFH Architects, Inc.: Professional Services through 12/31/2015	$	332,373.63
3/3/2016	018	HMFH Architects, Inc.: Professional Services through 1/31/2016	$	337,250.00
3/31/2016	019	HMFH Architects, Inc.: Professional Services through 2/29/2016	$	334,689.37
4/21/2016	020	HMFH Architects, Inc.: Misc. Expenses - for services through 3/31/2016	$	6,875.00
5/5/2016	021	HMFH Architects, Inc.: Professional Services through 3/31/2016	$	362,005.05
5/10/2016	n/a	Journal entry to re-class JBC clerical work expenses from General fund for period 7/1/2015-4/29/2016	$	9,434.65
5/24/2016	n/a	Journal entry to re-class JBC legal expenses from General Fund for period 7/17/2015-7/20/2015	$	2,630.00
6/2/2016	023	Horizon Engineering Associates, LLP: Professional Services from 4/2/2016-4/29/2016	$	2,930.00
6/9/2016	022	HMFH Architects, Inc.: Professional Services through 4/30/2016	$	348,035.76
6/30/2016	024	PC Construction - Phase II Preconstruction services covering the Design Development estimate	$	37,000.00
6/30/2016	025	HMFH Architects, Inc.: Professional Services through 5/31/2016	$	332,773.40
6/30/2016	026	Horizon Engineering Associates, LLP: Professional Services from 4/30/2016-5/27/2016	$	2,450.00
8/11/2016	027	HMFH Architects, Inc: Professional Services through 6/30/2016	$	339,615.54
8/11/2016	028	PC Contruction Co.: Professional Services through 6/30/2016 (App#1, Includes Held Retainage of $8,790)	$	87,900.00
8/11/2016	029	Horizon Engineering Associates, LLP: Professional Services from 5/28/2016-7/1/2016	$	1,290.00
8/25/2016	030	HMFH Architects, Inc.: Professional Services through July 31, 2016	$	441,135.69
9/1/2016	031	Horizon Engineering Associates, LLP: Professional Services from 7/2/2016-7/29/2016	$	2,301.00
9/15/2016	032	PC Contruction Co.: Professional Services through 7/31/2016 (App#2, Includes Held Retainage of $7,381)	$	460,059.00
9/15/2016	033	Sebago Technics, Inc. - Traffic Study, Planning & Engineering Services	$	13,900.00
9/15/2016	034	Eversource Energy - Prepayment of services to install pole, ancor, xarms and cutouts for new primary riser.	$	8,608.00
9/29/2016	035	HMFH Architects, Inc.: Professional Services through 8/31/2016	$	334,359.76
9/29/2016	036	R.W. Gillespie & Associates, Inc. - Professional Services through 8/31/2016	$	3,275.51
9/29/2016	037	PC Construction Co.: Professional Services through 8/31/2016 (App#3, Includes Held Retainage of $23,324)	$	570,212.00
9/29/2016	038	Horizon Engineering Associates, LLP: Professoional Servcies from 7/30/2016-9/2/2016	$	4,160.00
10/13/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,291.96
10/20/2016	039	R.W. Gillespie & Associates, Inc. - Professional Services through 9/30/2016	$	6,724.25
10/20/2016	042	Horizon Engineering Associates, LLP: Professional Services through 9/30/2016	$	1,111.00
10/20/2016	043	Sebago Technics, Inc. - Traffic Study, Planning & Engineering Services: Services through 9/2/2016	$	3,000.00
10/20/2016	044	State of NH - DES: Wetlands Permit	$	200.00
10/20/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,291.96
10/27/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,291.96
11/3/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,617.37
11/3/2016	040	PC Construction Co.: Professional Services through 9/30/2016 (App#4, Includes Held Retainage of $37,250)	$	866,127.00
11/3/2016	041	HMFH Architects, Inc.: Professional Services through 9/30/2016	$	199,023.73
11/10/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,617.37
11/10/2016	045	Sebago Technics, Inc. - Traffic Study, Planning & Engineering Services	$	1,800.00
11/17/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
11/23/2016	n/a	Seacoast Media Group - Advertisement for Civil Works position	$	329.46
11/23/2016	046	R.W. Gillespie & Associates, Inc. - Professional Services through 10/31/2016	$	8,859.00
11/23/2016	048	Horizon Engineering Associates, LLP: Professional Services through 10/28/2016	$	1,096.00
11/23/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
12/1/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
12/8/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
12/15/2016	047	PC Construction Co.: Professional Services through 10/31/2016 (App#5, Includes Held Retainage of $41,474)	$	1,003,159.00
12/15/2016	049	HMFH Architects, Inc.: Professional Services through 10/31/2016	$	186,446.73
12/15/2016	050	HMFH Architects, Inc.: Professional Services through 10/31/2016 (Clerk of Works, PSS#9)	$	731.05
12/15/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
12/22/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,638.39
12/29/2016	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
12/29/2016	051	R.W. Gillespie & Associates, Inc. - Professional Services through 11/30/2016	$	11,129.50
12/29/2016	052	PC Construction Co.: Professional Services through 11/30/2016 (App#6, Includes Held Retainage of $120,917)	$	2,601,958.00
1/5/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
1/12/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
1/19/2017	053	Horizon Engineering Associates, LLP: Professional Services through 12/2/2016	$	4,500.00
1/19/2017	054	HMFH Architects, Inc.: Professional Services through 11/30/2016	$	133,726.13
1/19/2017	055	R.W. Gillespie & Associates, Inc. - Professional Services through 12/31/2016	$	11,683.00
1/19/2017	056	PC Construction Co.: Professional Services through 12/31/2016 (App#7, Includes Held Retainage of $30,899)	$	1,422,046.00
1/19/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
1/26/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,638.39
2/2/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13

Expenditures to Date, Cont'd:

2/9/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
2/9/2017	057	HMFH Architects, Inc.: Professional Services through 12/31/2016	$	108,706.89
2/16/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
2/23/2017	058	R.W. Gillespie & Associates, Inc. - Professional Services through 1/31/2017	$	12,523.14
2/23/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,638.39
3/2/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
3/9/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
3/9/2017	059	PC Construction Co.: Professional Services through 1/31/2017 (App#8, Includes Held Retainage of $94,252)	$	3,092,058.00
3/9/2017	060	HMFH Architects, Inc.: Professional Services through 1/31/2017	$	99,665.05
3/30/2017	061	PC Construction Co.: Professional Services through 2/28/2017 (App#9, Includes Held Retainage of $108,494)	$	2,626,511.00
3/16/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
3/22/2017	J#5589	Gas Usage through Unitil at DHS/CTC project site from 2/2/2017-2/16/2017 as approved by JBC 3/21/2017 (Manifest #065)	$	6,624.84
3/23/2017	062	R.W. Gillespie & Associates, Inc. - Professional Services through 2/19/2017	$	10,500.04
3/23/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,638.39
3/30/2017	063	Horizon Engineering Associates, LLP: Professional Services from 12/3/2016 through 2/24/2017	$	15,956.26
3/30/2017	064	HMFH Architects, Inc.: Professional Services through 2/28/2017	$	95,036.64
3/30/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
4/4/2017	J#5951	Gas Usage through Unitil at DHS/CTC project site from 2/16/2017-3/17/2017 as approved by JBC 3/21/2017 (Manifest #067)	$	19,781.62
4/6/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
4/13/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
4/13/2017	066	R.W. Gillespie & Associates, Inc. - Professional Services through 3/25/2017	$	30,422.87
4/20/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,628.13
4/27/2017	n/a	M. Brooks - Clerk of Works, Wages/Benefits	$	1,638.39
4/27/2017	068	PC Construction Co.: Professional Services through 3/31/2017 (App#10, Includes Held Retainage of $102,303)	$	2,613,490.00
4/27/2017	070	Sebago Technics, Inc. - Traffic Study, Planning & Engineering Services	$	7,000.00
4/27/2017	071	Horizon Engineering Associates, LLP: Professional Services from 2/25/2017-3/31/2017	$	620.00
		Total Expenditures:	**$**	**21,518,159.92**

Obligations to Date:

PO#201603137	HMFH Architects, Inc.: Supplement #2 (Survey & GeoTech Bal. from 2015); Supplement #3, #6 Services Fee authorized 9/15/2015	$	1,758,608.19
PO#201603137	HMFH Architects, Inc.: Supplement #4 Additional Geotechnical Engineering Services-Borings, Geotechnical Report & Design	$	69.72
PO#201604242	HMFH Architects, Inc.: Supplement #5 Synthetic Turf Field Design, Technology Procurement, Add'l HazMat Services, Furniture & Equipment Procurement, HMFH Coordination Fee	$	112,255.00
PO#201604454	HMFH Architects, Inc.: Printing & Travel Expenses	$	65,813.98
PO#201609442	Horizon Engineering Associates, LLP: Commissioning Agent	$	135,215.74
PO#201611298	HMFH Architects, Inc: Supplement #7 Add'l irrigation alternates for an automatic irrigation system for turf fields and courtyard	$	3,300.00
PO#201611299	PC Construction Co.: GMP, Includes $4,270,636 for Early GMP and Approved Change Orders to Date	$	57,105,185.00
PO#201700407	HMFH Architects, Inc: Supplement#8 & #10 Add'l services for Construction Phase Geotechnical Engineering (McPhail Associates)	$	43,230.02
PO#201701262	R.W. Gillespie & Associates, Inc. - Materials Testing Services and Special Inspections	$	46,851.69
PO#201701772	Sebago Technics, Inc. - Traffic Study, Planning & Engineering Services	$	4,300.00
PO#201702272	Seacoast Media Group - Advertisement for Civil Works position	$	-
Payroll	M. Brooks: Clerk of Works (Est Wage & Benefits 10/1/16-6/30/17)	$	13,437.57
PO#201706749	Dover School District (Estimated Gas Usage for Construction Heaters)	$	93,593.54
	Total Obligations:	**$**	**59,381,860.45**

Unexpended/Unencumbered Funds Remaining: $6,722,735.63

Retainage:

8/11/2016	028	PC Construction Co.: Application #1	$	8,790.00
9/15/2016	032	PC Construction Co.: Application #2	$	7,381.00
9/29/2016	037	PC Construction Co.: Application #3	$	23,324.00
11/3/2016	040	PC Construction Co.: Application #4	$	37,250.00
12/15/2016	047	PC Construction Co.: Application #5	$	41,474.00
12/29/2016	052	PC Construction Co.: Application #6	$	120,917.00
1/19/2017	056	PC Construction Co.: Application #7	$	30,899.00
3/9/2017	059	PC Construction Co.: Application #8	$	94,252.00
3/30/2017	061	PC Construction Co.: Application #9	$	108,494.00
4/27/2017	068	PC Construction Co.: Application #10	$	102,303.00
		Total Retainage Held:	**$**	**575,084.00**

PC Construction - Guaranteed Maximum Price (GMP)		
Total Contract Sum (includes $4,270,636 for Procurement and Early Work, 6/20/16-10/7/16)		$71,643,000.00
Change Order #1, Approved 12/13/2016		
Proposal#190006R1 - Ledge Removal SMH-4 to SMH-2		$6,200.00
Proposal#190012R1 - RFI-009 Organic Mat at Loading Dock		$34,405.00
Proposal#190013R1 - Ledge Removal Force Main to SMH-2		$1,705.00
Proposal#190014R1 - Ledge Removal SMH-2 to SMH-1		$8,680.00
Proposal#190016R1 -Ledge Removal SMH-1 to Existing SMH		$3,151.00
	Total Change Order #1:	**$54,141.00**
Change Order #2, Approved 1/24/2017		
Proposal#190010 - RFI-007 Fabric Under Roadway		$3,705.00
Proposal#190021 - ASI-001 Catwalk Revisions		-$1,657.00
Proposal#190022 - ASI-007 Loading Dock Footing Rev.		$2,197.00
Proposal#190023 - ASI-006R Courtyard & Loading Dock Drainage Rev		$15,015.00
Proposal#190025 - Organic Soil Removal Area B		$2,559.00
Proposal#190027 - RFI-125 Road Subgrade Revisions		$17,926.00
Proposal#190029 - Edge Strip Deletion Credit		-$6,953.00
Proposal#190034 - ASI-016 Control Joint Addition		$0.00
	Total Change Order #2:	**$32,792.00**
Change Order #3, Approved 2/15/2017		
Proposal#190020.1 Ledge Removal for Foundations and Utilities Part 1		$185,297.00
Proposal#190026 RFI-099 Deleted RAP's at AE Line		-$9,531.00
Proposal#190028R1 - ASI-12 Animal Science Power		$0.00
Proposal#190031 - ASI-014 Kitchen Equipment Revisions (under original FF & E Budget)		$454,539.00
Proposal#190035 - ASI-020 Life Safety Switch		$14,252.00
Proposal#190036 - PR-001 Slab Depression Deletion		-$46,832.00
Proposal#190040 - ASI-023 Revised Grease Traps		-$10,245.00
Propsoal#190047 - RFI-141R1 Fiber Reinforced Concrete		-$22,212.00
	Total Change Order #3:	**$565,268.00**
Change Order #4, Approved 3/21/2017		
Proposal#190030 ASI-013 Window Changes		$0.00
Proposal#190033 ASI-017 Steel Additions & ASI-026		$3,858.00
Proposal#190041 - ASI-024 Stair #2 Revisions		$0.00
Proposal#190043R - ASI-027 Smoke Hatch Revisions		$19,320.00
Proposal#190043R2 - ASI-027 Smoke Hatch Revisions		-$2,533.00
Proposal#190044 - ASI-028 Brace at Column B2/BE.1		$982.00
Proposal#190048 - AIS-029 Cardio/Weight Room Floor Revision		-$1,520.00
Proposal#190053 - PR-003 Schulter Cove Base		-$5,777.00
Proposal#190059 - ASI-032 and 037 Revised Brace Bays		$1,597.00
Proposal#190062 - ASI-039 Bleacher Power		-$4,605.00
Propsoal#190073 - ASI-041 Lockers in Building Construction		$4,153.00
	Total Change Order #4:	**$15,475.00**
Change Order #5, Approved 4/18/2017		
Proposal#190037 ASI-022 Elevator Roof Structure		$0.00
Proposal#190038 ASI-21.1 Curtainwall Revisions		$4,947.00
Proposal#190050 ASI-031/RFI 189-Eliminated Catwalk Steel Mesh Guardrail at Auditorium		-$6,314.00
Proposal#190079 - Paint Booth Procurement		$139,396.00
	Total Change Order #5:	**$138,029.00**
	New Contract Sum Including Approved Change Orders:	**$72,448,705.00**

JBC Monthly Status Report – April 2017

DHS–CTC Building Project

- The DHS CTC project is still on time although there is a delay in receiving shipment of lighter colored bricks. PC Construction hopes to be able to expedite the shipment.

- Permits are all close to being secured.

- Sebago Technics is presenting information on the route 108 traffic flow at the May 4 meeting.

MAN. NO. CIPM#DHSCTC072
DATE: 5/4/2017

VENDOR VOUCHER MANIFEST
SCHOOL DISTRICT SAU #11

1. DATE	2. PAYEE NAME AND ADDRESS	3. FINANCE PO NO:	4. AMOUNT EXPENDED	5. AMOUNT OF CHECK	6. PROJECT NAME
1. 5/4/2017	Dover School District				
PO Line					DHS/CTC Fac. Improv. FY: 2016
	4016.1.600.46900.4725.07101.16.000.000.700	N/A - Journal Entry		$ 13,000.30	
	4016.1.600.46900.4725.07108.16.000.000.700	N/A - Journal Entry		$ 3,839.47	
				$ 16,839.77	
	To process journal entry for gas usage at DHS/CTC project site from School's general fund. Unitil invoice service 3/17/2017-4/14/2017				
TOTALS				$16,839.77	

TO THE TREASURER; PAYMENTS AUTHORIZED AND ORDERED
TO THE PERSONS LISTED ABOVE FOR THE SUMS INDICATED
IN COLUMN 5. AMOUNT OF CHECK AMOUNTING IN THE
AGGREGATE TO: 16,839.77

Superintendent of Schools or Business Administrator *Date*

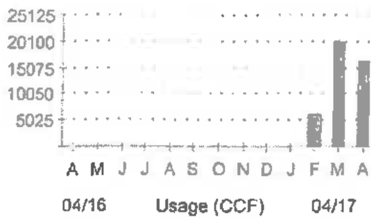
Robert Carrier, Deputy Mayor, JBC Chair *Date*

Unitil

energy for life

AMOUNT DUE $16,839.77

ACCOUNT NUMBER	BILL DATE	PLEASE PAY BY	NEXT METER READING DATE
4038395-4074194	4/18/17	5/15/17	5/16/17



25 ALUMNI DR NEW, DOVER DOVE

AT A GLANCE

AMOUNT OF LAST BILL		$19,781.62	TOTAL CURRENT CHARGES	$16,839.77
PAYMENT - THANK YOU	04/03/17	($19,781.62)	PLEASE PAY AMOUNT	$16,839.77
YTD BUDGET AMOUNT		$0.00	YTD ACTUAL AMOUNT	$0.00

METER NUMBER	METER READING PREVIOUS	METER READING PRESENT	METER CONSTANT	METERED USAGE	NUMBER OF DAYS	METERED DEMAND	RATE CODE
J67568	2526	4118	10.00	15920.00 CCF	28		G42

BALANCE FORWARD					$0.00
GAS SERVICE	**PERIOD 03/17/17 - 04/14/17**				
METERED USAGE	15920.00 CCF x 1.0284 = 16372.13 THERMS				
DELIVERY CHARGES					
CUSTOMER CHARGE					1,124.19
DISTRIBUTION CHARGE	16372.13	Therms	x	$0.1764	2,888.04
LOCAL DELIVERY ADJ CHARGE	16372.13	Therms	x	$0.0296	484.60
Total Current GA Charges					**$4,496.83**
GAS SUPPLIER SERVICE	**PERIOD 03/17/17 - 03/31/17**				
GAS SUPPLY CHARGES AT COST					
COST OF GAS	8770.78	Therms	x	$0.6772	5,939.56
GAS SUPPLIER SERVICE	**PERIOD 04/01/17 - 04/14/17**				
GAS SUPPLY CHARGES AT COST					
COST OF GAS	7601.35	Therms	x	$0.8424	6,403.38
Total Current GS Charges					**$12,342.94**

MESSAGES

TO AVOID INTEREST CHARGES OF 1.0000% PER MONTH, EFFECTIVE 1/01/09 PAYMENT MUST BE RECEIVED BY 3 PM ON 5/15/17.

TOTAL CURRENT BILL	$16,839.77
TOTAL AMOUNT DUE	$16,839.77

Questions about your bill? Visit www.unitil.com or call: (866) 933-3820. More information on reverse.

utgenin 20170418.csv-3134-000000

PLEASE PAY UPON RECEIPT AND BY DATE LISTED BELOW

PAYMENT INFO

ACCOUNT NUMBER
4038395-4074194

Unitil

AMOUNT DUE	PLEASE PAY BY	AMOUNT PAID
$16,839.77	5/15/17	

003134 000000963

DOVER SCHOOL DEPT
MCCONNELL CENTER
61 LOCUST ST # 409
DOVER NH 03820-3753

UNITIL
P.O. BOX 981010
BOSTON, MA 02298-1010

800403839500407419400168397 74

Unitil

energy for life

AMOUNT DUE $16,839.77 *** FINAL BILL ***

ACCOUNT NUMBER	BILL DATE	PLEASE PAY BY	NEXT METER READING DATE
4038395-4074194	4/21/17	5/16/17	

25 ALUMNI DR NEW, DOVER DOVE

AT A GLANCE

AMOUNT OF LAST BILL	$16,839.77	TOTAL CURRENT CHARGES	$0.00
PAYMENT	$0.00	PLEASE PAY AMOUNT	$16,839.77
YTD BUDGET AMOUNT	$0.00	YTD ACTUAL AMOUNT	$0.00

METER NUMBER	METER READING PREVIOUS	METER READING PRESENT	METER CONSTANT	METERED USAGE	NUMBER OF DAYS	METERED DEMAND	RATE CODE

BALANCE FORWARD $16,839.77

MESSAGES

TOTAL CURRENT BILL $0.00
TOTAL AMOUNT DUE $16,839.77

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Questions about your bill? Visit www.unitil.com or call: (866) 933-3820. More information on reverse.

PLEASE PAY UPON RECEIPT AND BY DATE LISTED BELOW.

PAYMENT INFO

ACCOUNT NUMBER
4038395-4074194

Unitil

AMOUNT DUE	PLEASE PAY BY	AMOUNT PAID
$16,839.77	5/16/17	

000908 000000141

DOVER SCHOOL DEPT
MCCONNELL CENTER
61 LOCUST ST # 409
DOVER NH 03820-3753

UNITIL
P.O. BOX 981010
BOSTON, MA 02298-1010

GO PAPERLESS GO GREEN

800403839500407419400168397774

WEEKLY SITE REPORTS

Dover High School

25 Alumni Drive

Date: 4/21/17

Work in progress:

DULAC: Continued work with footings and walls in area E.

GRIFFIN: Installation of under slab conduits in both areas C and D. Installed floor boxes and conduits in keyboard room in building A.

AE LEMERE: Completed under slab plumbing in area c ground floor and started work on plumbing in area D for under slab plumbing and acid waste.

Plumbing 1st and second floor bathrooms in buildings A and B.

Stanley: Completed a large area of roofing on C and high roof over Town square. Rain has slowed progress.

METRO: Completed the Mock-up framing with continued progress on framing and sheathing the exterior of areas C and A. Progress on interior framing in all levels of both buildings A and B with the start of area C.

AP Concrete: Placed concrete slabs on ground floor kitchen and north west 1st floor slab and roof pad in building C.

SUR: Continued work with plumbers for under slab trenches in area D and slab prep of stone and fabric on ground floor of C. Excavating footings and backfill for foundations in area E.

Prepping the back of the auditorium for slab placement next week.

G.S BOLTON: On site spraying AVB on back side of loading dock area.

Lighthouse Masonry: Mobilizing product to site and started the block and brick on the Mock up.

Rose Steel: Continued work on the erecting of area F with decking on floors. Completing the detailing on building D.

Issues: continued work on finding a solution to the projects added water to the baseball field.

AP concrete has been put on warning for their conduct on site.

Clerk of the Works: Michael Brooks (603) 534-0367

WEEKLY SITE REPORTS

Dover High School

25 Alumni Drive

Date: 4/28/17

Work in progress:

DULAC: continued progress on the foundation and footings for area E.

AE LEMERE: Continued progress with under slab plumbing in building D and prep for the connection into area E. continued interior plumbing of bathrooms in buildings A and b.

AP Concrete: Placed concrete slab on the back portion of the auditorium and under the auditorium seating on grade.

Griffin Electric: continued work with under slab conduit runs in area D.

G.S Bolton: Continued work with Spray applied AVB on the back east side of the auditorium.

Rose Steel: Detail welding the auditorium seating. Continued steel erection of area F.

Metro: continued framing of interiors on first and second floors of area's B and C.

Framing and sheathing of exterior of building C nearly complete. New 12 man crew started for Metro.

SUR: finish grading area C to D for concrete slab prep. Continued work on excavation and backfill on foundations in area E.

Lighthouse Masonry: Continued work of the masonry on the Mock-up.

McPhail: on site part time for the excavation of E.

Gillespie: on site every day for compaction, concrete and rebar inspection. Inspection of fireproofing was for one day this week.

Issues: continued flooding of warning track on the baseball field. I Called HMFH and they sent out Erin from Nobis to discuss a temporary and permanent solution to this design flaw.

The meeting consisted of Eric price, Ryan from SUR, Erin from Nobis, Peter Driscoll, Peter watton and myself. Nobis had temp solutions and will be sending a response for a permanent solution.

Clerk of the Works: Michael Brooks (603) 534-0367

RESOLUTION

RESOLUTION RE: ESTABLISHMENT OF FUNDRAISING TRUST FUND FOR DHS-CTC BUILDING PROJECT

WHEREAS: The Dover High School and Career Technology Center Joint Building Committee is currently overseeing the construction of the new Dover High School and Career Technology Center (the "Project"); and

WHEREAS: The Dover High School and Career Technology Center Joint Building Committee wishes to raise funds to purchase items for the Project not otherwise included in the Project budget; and

WHEREAS: The Dover High School and Career Technology Center Joint Building Committee has formed a Fundraising Sub-Committee to assist in raising such funds; and

WHEREAS: An expendable trust fund should be established by the Dover City Council to hold all such funds raised and accepted by the Dover School Board, until ready for disbursement consistent with the purposes for which they were raised; and

WHEREAS: Whenever able, the Dover High School and Career Technology Center Joint Building Committee shall serve in an advisory capacity to the Dover School Board in expending funds in a manner consistent with the purpose for which they were raised; and

WHEREAS: The Dover High School and Career Technology Center Joint Building Committee voted on April 18, 2017 to seek School Board approval to request the City Council establish the Fundraising Trust Fund for the DHS-CTC Building project; and

NOW, THEREFORE, BE IT RESOLVED THAT the Dover School Board hereby requests that the Dover City Council establish the "Dover High School and Career Technology Center Joint Building Committee Fundraising Trust Fund," for the purposes of accepting donations, bequests, and any other funding which may become available to be utilized by the Dover School Board, upon the recommendation of the Dover High School Joint Building Committee if available, to enhance the Dover High School and Career Technology Center Building Project by purchasing items for the Project not otherwise included in the Project budget. The Trust Fund should be established as an expendable trust fund, which allows for principal, any investment income, and any additional donations to the trust to be disbursed for the purpose of the trust. The City of Dover Trustees of Trust Funds shall be trustees of the funds. In no instance shall donated funds be accepted if they trigger private activity thresholds in violation of bonds funding the construction of the Project.

SUBMITTED BY:

____

Amanda Russell, Chairperson

____

Betsey Andrews Parker, Vice Chairperson

____

Kathleen Morrison, Secretary

____

Keith Holt

Matthew Lahr

Carolyn Mebert

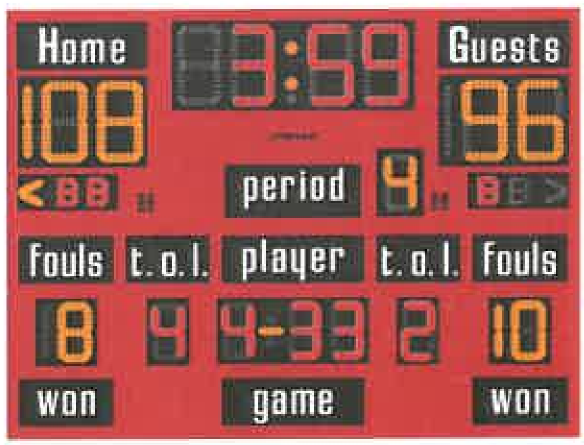
Michelle Muffett-Lipinski

May 8, 2017

BASKETBALL SCOREBOARDS

MODEL 2770

Size: 8′ x 6′ x 8″ (2.44 x 1.83 x .20 meters)
Approximate hanging weight: 111 lbs. (50 kg)
Digit Size: 13″/ 9″ **Digit Color:** High Intensity Red & Amber



Advanced timing features ideal for Basketball/Volleyball/Wrestling Facilities.

- Energy-efficient LEDs reduce power consumption and operating expense.
- Ability to retrofit team name caption plates.
- Bright, long lasting LED lamp banks when ordered with rear-lit team names.
- Large, 4″ Bonus, Double Bonus and Possession Indicator digits included.
- Durable and lightweight cabinet design.
- Universal—syncs with Nevco accessories.
- Extended advertising opportunities.
- Lighted time colon and decimal; automatically adjusts to 1/10th of a second.
- Built-in Power Factor Correction.
- Includes basketball, volleyball and wrestling caption plates.
- Soccer available with MPCX$_2$ and MPC7 series controls.
- Advantage Timer feature included with wrestling captions.

Combine your scoreboard with a Nevco monochrome or full-color message center to create a complete scoring and display system. Team/Sponsor signs also available.

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MAXIMIZE YOUR IMPACT®

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INTEGRATED DISPLAY AND SCORING SOLUTIONS

Model 2770 (Indoor) Basketball/Volleyball/Wrestling Scoreboard

SCOREBOARD/CONTROL OPERATING FEATURES

MODEL 2770	MPC WIRED	MPCW WIRELESS	MPCX$_2$ WIRELESS
TIMING 13″ High Intensity Red LED Digits	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.	Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59. 1/10th seconds display during final minute.
TEAM SCORES 13″ High Intensity Amber LED Digits	Displays 0-199	Displays 0-199	Displays 0-199
PERIOD 9″ High Intensity Amber LED Digits	Displays 0-9	Displays 0-9	Displays 0-9
NEXT POSSESSION (BASKETBALL) **SERVE (VOLLEYBALL)** **ADVANTAGE (WRESTLING)** High Intensity Amber LED	Displays arrow for each team.	Displays arrow for each team.	Displays arrow for each team.
BONUS/DOUBLE BONUS High Intensity Red LED	Displays the letter "B" for each team (BASKETBALL)	Displays the letter "B" for each team (BASKETBALL)	Displays the letter "B" for each team (BASKETBALL)
TIME OUTS LEFT 9″ High Intensity Red LED Digits	Displays 0-9 for each team.	Displays 0-9 for each team.	Displays 0-9 for each team.
PLAYER/FOUL (BASKETBALL) **GAME (VOLLEYBALL)** **WEIGHT (WRESTLING)** 9″ High Intensity Red LED Digits	BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used as advantage timer or display weight.	BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used as advantage timer or display weight.	BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used to display weight.
TEAM/FOULS (BASKETBALL) **WON (VOLLEYBALL)** **MATCH (WRESTLING)** 9″ High Intensity Amber LED Digits	Displays 0-19 for each team.	Displays 0-19 for each team.	Displays 0-19 for each team.
TIME OF DAY	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day". "Time of day" can still display after control turned off.	In place of displaying game time on the scoreboard, the "time out" time may be displayed or the "time of day". "Time of day" can still display after control turned off.	"Time of day" can display after control turned off.
HORN Two located in scoreboard	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.	Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.
JUNCTION BOXES	Two (2) 4″x2 1/8″ with covers, furnished per scoreboard for installation.	N/A	N/A
CONTROL CABLE	One (1) length required of 2-WIRE (coaxial type) ¼″ diameter. Order length required.	N/A	N/A
SEGMENT TIMING	Supported.	Supported.	Requires MPCX$_2$ segment timer control.

In addition to the standard 15 colors, Nevco can match any PMS color. Please contact your local Display and Scoring Consultant for pricing information.

#103 Cardinal Red	#75 Maroon	#102 Team Orange	#99 Golden Yellow	#142 Kelly Green	#74 Forest Green	#120 Teal Blue	#72 Electronic Blue	#140 Royal Blue	#121 Midnight Blue	#141 Navy Blue	#104 Medium Purple	#70 Desert Tan	#95 Silver Gray	#76 Print Black

AGENCY APPROVAL: UL/CUL listed, FCC, CE, INDUSTRY CANADA.

SCOREBOARD: Size 8′L x 6′H x 8″D (2.44 x 1.83 x .20 meters), constructed of aluminum. Hanging weight approximately 111 lbs. (61 kg).

CAPTIONS: HOME, GUESTS, FOULS, PLAYER, WON, GAME, MATCH, WEIGHT, T.O.L. and PERIOD, white 6″ high. (HOME and GUESTS are omitted when ordered with ETNs.)

LED UNITS: Seven-bar segmented digits with protective aluminum cover.

POWER WITHOUT ETNS: 120 VAC, .61 Amps, 50/60 Hz. / 240 VAC, .31 Amps, 50/60 Hz. Requires earth ground.

POWER WITH REAR-LIT CAPTIONS: 120 VAC, .86 Amps, 50/60 Hz./ 240 VAC, .44 Amps, 50/60 Hz. Requires earth ground.

POWER WITH ETNS: 120 VAC, .83 Amps, 50/60 Hz / 240 VAC, .42 Amps, 50/60 Hz. Requires earth ground.

POWER WITH REAR-LIT CAPTIONS AND ETNS: 120 VAC, 1.01 Amps, 50/60 Hz / 240 VAC, .51 Amps, 50/60 Hz. Requires earth ground.

BUILT-IN LIGHTNING PROTECTION: All models feature optical isolation circuitry providing additional protection against lightning strikes.

GUARANTEE: TO VIEW OR RECEIVE THE MOST RECENT COPY OF OUR GUARANTEE, PLEASE VISIT: **NEVCO.COM/WARRANTY-LIMITATION**

U.S. SERVICE: 1-800-851-4040 **INTERNATIONAL SERVICE: 1-618-664-0360** **CANADA SERVICE: 1-800-461-8550**

DAKTRONICS BB-2101 PRODUCT SPECIFICATIONS

This indoor single-sided LED basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine and indicates possession and bonus. Scoreboard can also score volleyball and wrestling. When period time is less than one minute, the scoreboard displays time to 1/10 of a second. Scoreboard shown with PanaView® digits and optional striping.

CAPTION OPTIONS	POWER (120 VAC)*	UNCRATED WEIGHT	DIMENSIONS
VINYL ONLY (STANDARD)	200 Watts, 1.7 Amps	120 lb (54 kg)	4'-0" H x 8'-0" W x 6" D (1.22 m, 2.44 m, 152 mm)
VINYL & TNMCS	300 Watts, 2.5 Amps	135 lb (61 kg)	

**Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).*

DIGITS & INDICATORS

- Period digit is 10" (254 mm) high. All other digits are 13" (330 mm) high. Bonus indicators are 4" (102 mm) high and possession arrows are 3" (76 mm) high.
- Select PanaView® or UniView® LED digit technology (see SL-04729).
- Scoreboard comes with choice of LED colors:
  - ***Red/Amber LEDs:*** clock digits, PERIOD digit, Bonus indicators and optional TNMCs are amber. Score digits and possession indicators are red.
  - ***White LEDs:*** all digits, indicators and optional TNMCs are white. **PanaView digits only.**

CAPTIONS

- HOME and GUEST captions are 6" (152 mm) high. PERIOD caption is 4" (102 mm) high. Optional TNMCs are 6" (152 mm) high.
- Standard captions are vinyl, applied directly to the display face.

DISPLAY COLOR

Choose from 150+ colors (from Martin Senour® paint book) at no additional cost.

CONSTRUCTION

Durable, lightweight aluminum Tuff Sport® cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.

PRODUCT SAFETY APPROVAL

ETL-listed, tested to CSA standards, and CE-labeled
for indoor use only

OPERATING TEMPERATURES

- Display: -22° to 122° Fahrenheit (-30° to 50° Celsius)
- Console: 32° to 130° Fahrenheit (0° to 54° Celsius)

DAKTRONICS BB-2101 PRODUCT SPECIFICATIONS

CONTROL CONSOLES	CONTROL OPTIONS
All Sport® 5000 (see SL-03991)	***Wired (standard):*** One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with signal cable from control console. ***Wireless (optional):*** 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370).
RC-100 (see SL-07397)	***Optional*** wireless handheld controller features 900 MHz spread spectrum radio with 15 non-interfering channels and up to 10 hours of operation via internal rechargeable battery. *Not compatible with Team Name Message Centers.*

HORN
A vibrating horn, mounted behind the scoreboard face, sounds automatically when period clock counts down to zero or manually as controlled by the operator.

SEGMENT TIMER MODE
The segment timer mode is ideal for keeping practices on schedule. The horn at the end of a segment allows coaches and athletes to focus on the practice and to listen for the horn when it is time to change drills (see SL-04004).

TIME OF DAY MODE
This scoreboard features a Time of Day (TOD) mode that allows it to act as a clock when the control console is unplugged or off. Refer to the scoreboard installation manual for instructions on how to enable the Time of Day mode.

GENERAL INFORMATION
Scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. Scoreboard arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

OPTIONS & ACCESSORIES
- Scoreboard border striping
- Multiple caption and striping colors (see DD2101644)
- Team name caption in place of HOME *
- Team names on changeable panels *
- Programmable Team Name Message Centers (see SL-04342)
- Double bonus indicators
- Two 17" (432 mm) tall x 21" (533 mm) wide logo/ sponsor panels in one or both upper corners
- Different sounding 12 VDC horn in place of buzzer
- Visual horn indicator (see SL-02093 or SL-05489)
- Protective screen (see SL-02551)
- Suspension installation kit
- Corner mounting kit
- Advertising/identification panels
- Decorative accents
- Electronic message centers and video displays in multiple sizes

** Only for scoreboard without Team Name Message Centers*

ADVERTISING/IDENTIFICATION PANELS

Backlit & Non-Backlit:

1'-6" H x 8'-0" W (457 mm, 2.44 m)
2'-0" H x 8'-0" W (610 mm, 2.44 m)
2'-6" H x 8'-0" W (762 mm, 2.44 m)

For additional backlit panel sizes, see SL-03664
For additional non-backlit panel sizes, see SL-03917

FOR ADDITIONAL INFORMATION
- Mechanical Specifications: DWG-1130092 (attached)
- Component Locations: DWG-1130102 (attached)
- Architectural Specifications: See SL-04785
- Installation Manual: See DD2481645
- Service Manual: See DD2481648

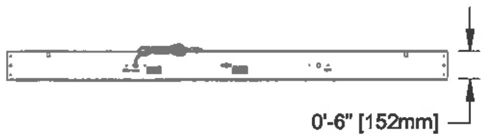
ALTERNATE SCORING MODES

Volleyball Mode

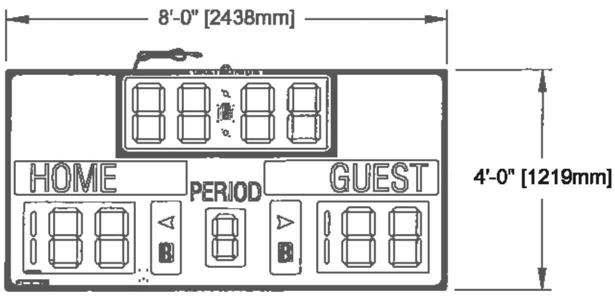
Wrestling Mode

DAKTRONICS

BB-2101/3101

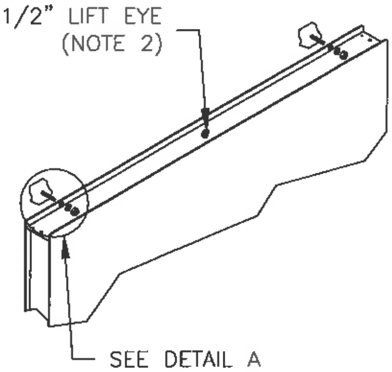


TOP VIEW

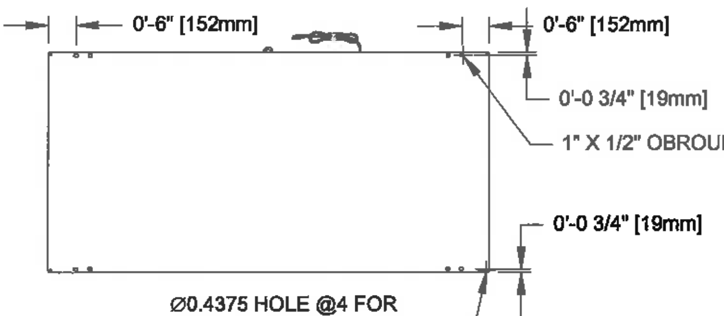


FRONT VIEW

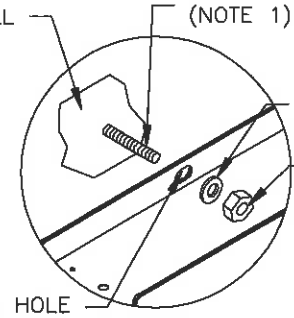
SIDE VIEW



WALL MOUNTING DETAIL



REAR VIEW



DETAIL: A
(SCALE 1=10)

WEIGHTS	
SHIPPING WEIGHT	MOUNTING WEIGHT
192 LBS (87 KG)	120 LBS (55 KG)

NOTES:

1. USE APPROPRIATE WALL ANCHORS FOR TYPE OF WALL. (NOT PROVIDED BY DAKTRONICS)

2. LIFT EYE IS FOR TEMPORARY USE WHILE LIFTING SCOREBOARD DURING INSTALLATION. DO NOT USE LIFT EYE FOR PERMANENT SUSPENSION. REFER TO DWG-1130959

DAKTRONICS, INC.
BROOKINGS, SD 57006
DO NOT SCALE DRAWING

PROJ: INDOOR SCOREBOARDS				
TITLE: MECHANICAL SPEC, BB-2101/3101				
DESIGN: DOPPELT		DRAWN: MJOHNSO		DATE: 13 MAR 13
SCALE: 1=40				
SHEET	REV	JOB NO:	FUNC-TYPE-SIZE	
	00	P1749	E-10-A	1130092

BB-2101/3101 & BB-2102/3102 FACE

SIGNAL IN (J31)

SIGNAL OUT (J32)

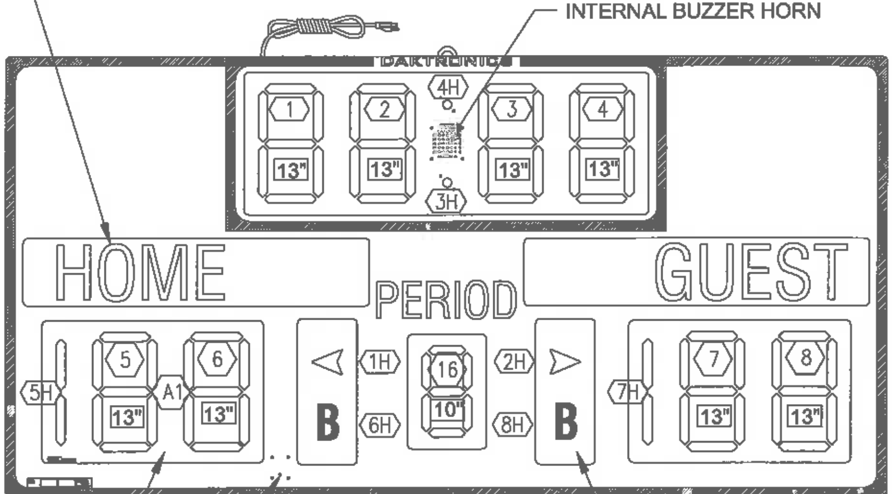
POWER IN (P41)

TOP VIEW

POWER OUT (J41)
(BB-2102/3102 120V ONLY)

OPTIONAL TNMC
8X48-6"

INTERNAL BUZZER HORN



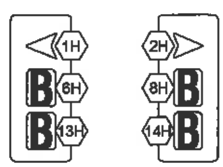
PRIMARY DRIVER (A1)

SEE DETAIL A
FOR MORE OPTIONS

FRONT VIEW

SIDE VIEW

OPTIONAL RADIO



OPTIONAL DOUBLE
BONUS INDICATORS

DETAIL: A
SCALE 1:1

NOTES:

(7) DIGIT DESIGNATION = IN RELATION TO DRIVER

[24"] = DIGIT SIZE

(1H) = SEGMENT DESIGNATION

(A1) =DRIVER NUMBER

DAKTRONICS, INC. BROOKINGS, SD 57006 DO NOT SCALE DRAWING	THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESSED WRITTEN CONSENT OF DAKTRONICS, INC. COPYRIGHT 2013 DAKTRONICS, INC.

PROJ: INDOOR SCOREBOARDS
TITLE: COMPONENT LOCATION; BB-2101/3101/2102/3102

DESIGN: DOPPELT	DRAWN: MJOHNSO	DATE: 13 MAR 13
SCALE: 1=20		

SHEET	REV	JOB NO:	FUNC-TYPE-SIZE	
	00	P1749	E - 10 - A	1130102

REV	DATE:		BY:
01	02 MAR 15	PER EC-17119, REMOVED DETAILS, CHANGED MASTER TO PRIMARY	KDB

DAKTRONICS BB-2114 PRODUCT SPECIFICATIONS

This indoor single-sided LED basketball shot clock timer displays shot times up to a value of 99 seconds. It can also count down from any preset time between 0 and 99 seconds. A hand-held start/stop/reset switch is included with purchase. Shot clock shown with PanaView® digits.

POWER (120 VAC)*	UNCRATED WEIGHT	DIMENSIONS
350 Watts, 2.9 Amps	15 lb (7 kg)	1'-7" H x 1'-10" W x 6" D (483 mm, 559 mm, 152 mm)

**Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).*

DIGITS

- All digits are 13" (330 mm) high
- All digits are red.
- Select PanaView® or UniView® LED digit technology (see SL-04729).

DISPLAY COLOR

Semi-gloss black

CONSTRUCTION

Durable, lightweight aluminum Tuff Sport® cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.

PRODUCT SAFETY APPROVAL

ETL-listed, tested to CSA standards, and CE-labeled **for indoor use only**

OPERATING TEMPERATURES

- Display: -22° to 122° Fahrenheit (-30° to 50° Celsius)
- Console: 32° to 130° Fahrenheit (0° to 54° Celsius)

CONTROL CONSOLE*	CONTROL OPTIONS
All Sport 5000 *(see SL-03991)*	***Wired (standard):*** One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with signal cable from control console.
OR	
All Sport® 1600** *(see SL-04352)*	***Wireless (optional):*** 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370).

** Controller not included with standard purchase; timer(s) are typically controlled by the same console controlling the basketball scoreboard(s).*
*** Controller is for standalone timing operation only; email SALES@DAKTRONICS.COM for more information.*

LIGHT STRIP OUTPUT
Timer features outputs to control Daktronics end-of-period backboard LED light strips, such as the BB-2135 (sold separately).

HORN
An internal horn sounds automatically when shot clock counts down to zero with a sound that is distinctly different from that of the game-clock horn.

GENERAL INFORMATION
Timer provides shot clock timing capabilities. 100% solid state electronics are housed in an all aluminum cabinet. Timer arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

OPTIONS & ACCESSORIES
- Carrying handle
- Portable signal kit
- End-of-period backboard light strips (see SL-05965)
- Visual horn indicator (see SL-02093 or SL-05489)
- Protective screen (see SL-02551)
- Suspension installation kit

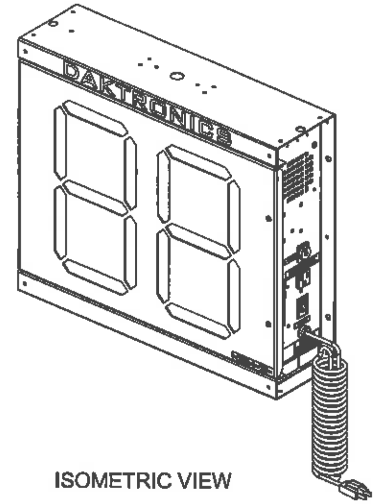
FOR ADDITIONAL INFORMATION
- Mechanical Specifications: DWG-3267937 (attached)
- Component Locations: DWG-3272581 (attached)
- Architectural Specifications: See SL-04794
- Installation Manual: See DD2481645
- Service Manual: See DD2481648

<u>NOTES:</u>

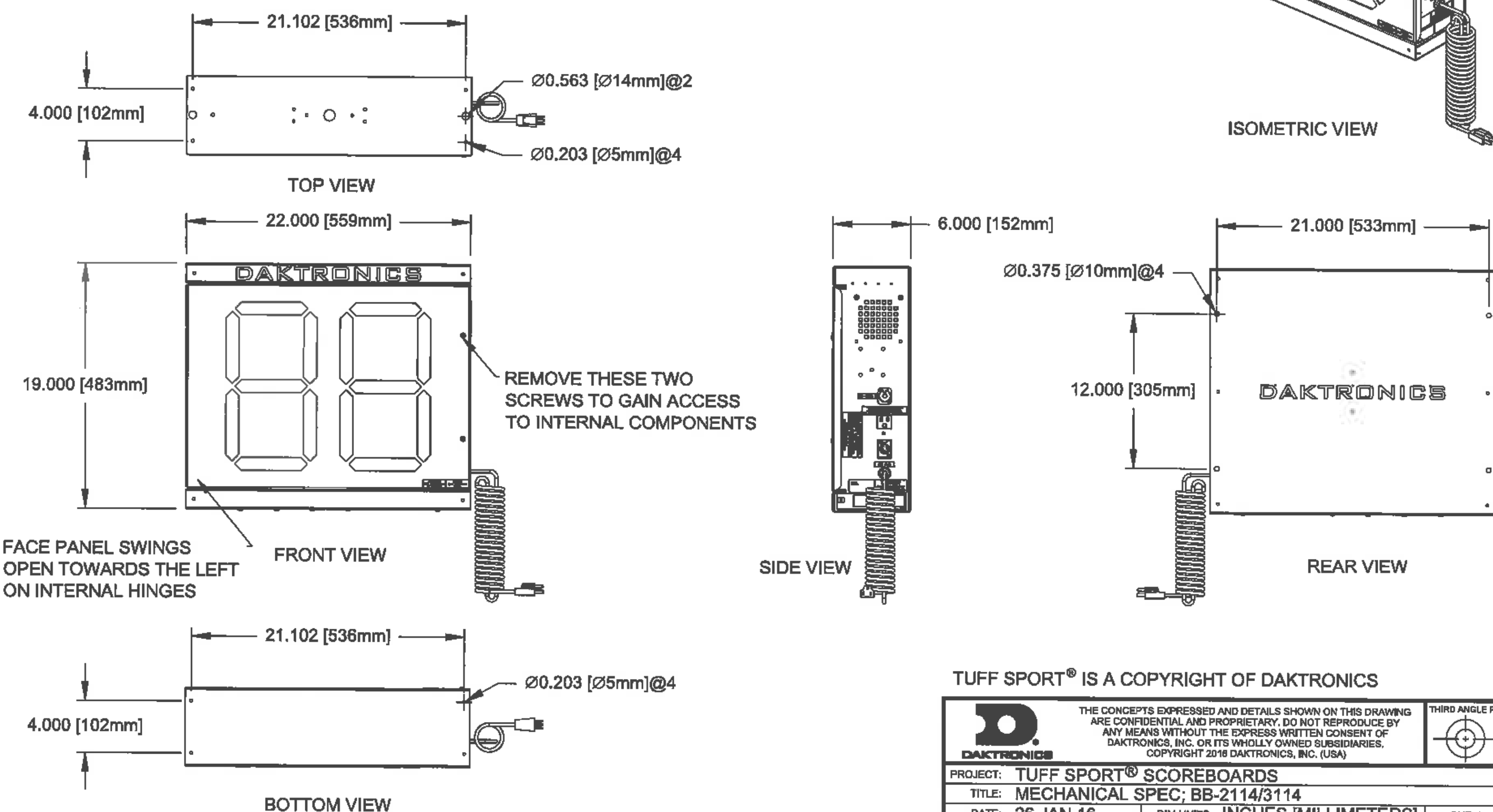
1. MOUNTING HARDWARE IS NOT PROVIDED.
2. SEE DRAWING A-91230 FOR SUGGESTIONS ON MOUNTING TO CEILING-SUSPENDED BACKSTOPS.
3. FOR PORTABLE BACKSTOPS, CONTACT THE BACKSTOP MANUFACTURER FOR MOUNTING HARDWARE.

BB-2114/3114

WEIGHTS	
SHIPPING WEIGHT	MOUNTING WEIGHT
20 LBS (10 KG)	15 LBS (7 KG)



ISOMETRIC VIEW



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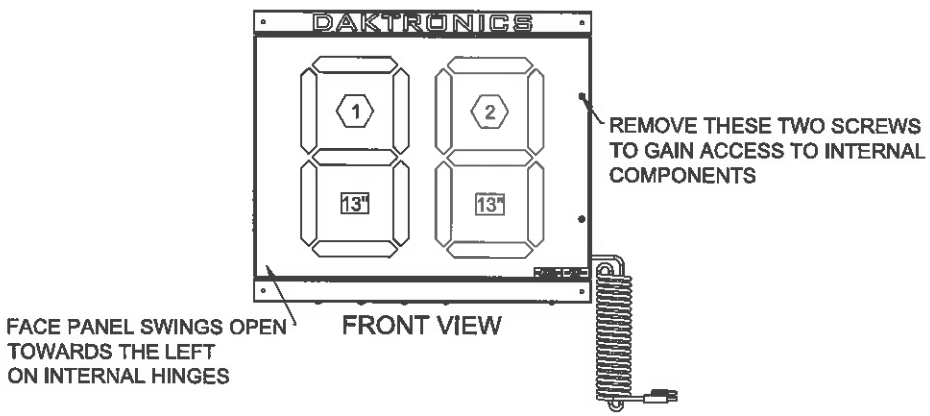
DAKTRONICS

THIRD ANGLE PROJECTION

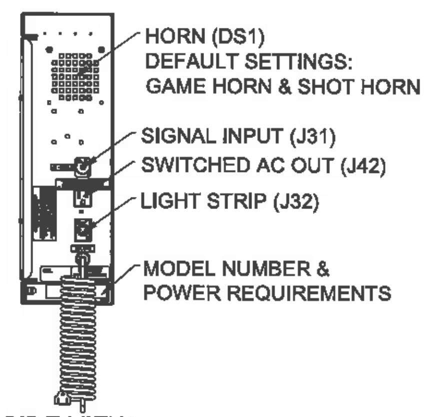
PROJECT:	TUFF SPORT® SCOREBOARDS				
TITLE:	MECHANICAL SPEC; BB-2114/3114				
DATE:	26 JAN 16	DIM UNITS: INCHES [MILLIMETERS]		SHEET	REV
SCALE:	1=12	DO NOT SCALE DRAWING			00
DESIGN:	BPETERSON	JOB NO.	FUNC - TYPE - SIZE	3267937	
DRAWN:	PSCHROE	P1237	E - 10 - A		

DIGIT, SIGNAL AND POWER SPECIFICATIONS:

BB-2114



FRONT VIEW

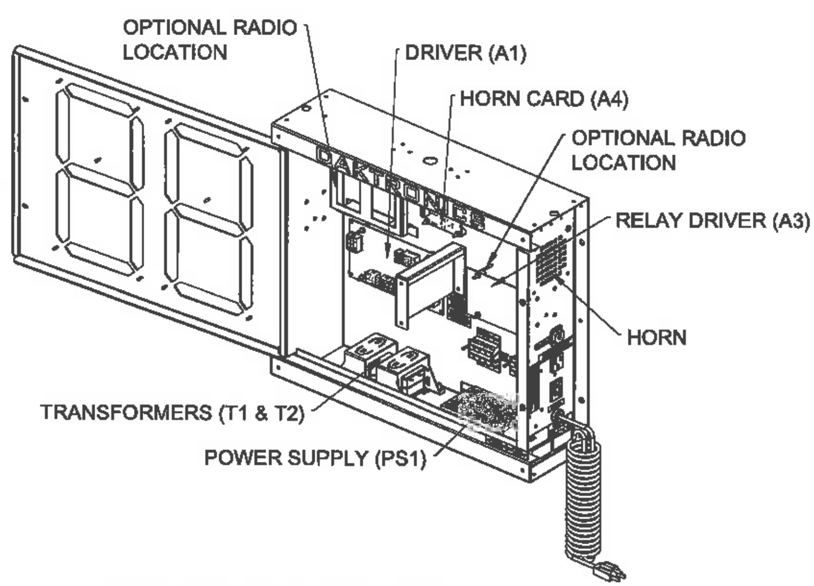


SIDE VIEW

LEGEND:

- (1) = DIGIT DESIGNATION IN RELATION TO DRIVER
- [13"] = DIGIT SIZE
- (3H) = SEGMENT DESIGNATION
- (A1) = DRIVER NUMBER

COMPONENT LOCATIONS:



ROTATED VIEW WITH OPEN DOOR

NOTES:

1. A3 BOARD CAPABILITIES ARE GAME HORN, SHOT HORN, CLK = STOP, CLK = 0. J32/J42 (TOGETHER), & HORN CAN BE SET TO DIFFERENT VALUES IF REQUIRED.

2. TO CHANGE DEFAULT FUNCTION OF HORN, ENABLE OTHER SEGMENTS, OR CHANGE LIGHT STRIP OPTIONS, REFER TO DWG A-179151.

THIRD ANGLE PROJECTION

PROJECT:	TUFF SPORT® SCOREBOARDS				
TITLE:	COMPONENT LOCATION; BB-2114				
DATE:	02 FEB 16	DIM UNITS:	INCHES [MILLIMETERS]	SHEET	REV
SCALE:	1=12	DO NOT SCALE DRAWING			00
DESIGN:	CHAMILT	JOB NO.	FUNC - TYPE - SIZE	3272581	
DRAWN:	PSCHROE	P1237	E - 10 - A		

5. Key Switch Assembly: Switch assembly shall be furnished with 4-1/2-inch square stainless steel cover plate for mounting into masonry wall box as specified in Division 26 electrical section.
6. Locate Key Switch: To allow operator full view of Mat-Mover during raising and lowering.

C. Wresting Mat Storage System Control Panel: Hoist mechanisms shall be monitored by factory-wired, preset control panel, and shall provide following safety/monitoring systems:

1. Enclosure: 20-inch by 20-inch by 8-inch steel enclosure, complete with lock and keys, house master control system including:
   a. Main Disconnect Switch: 208 volts, 230 volts, or 460 volts, 3-phase, 60 Hz; coordinate with electrical contractor.
   b. Control Circuit Transformer: Primary and secondary protection.
   c. Two full-voltage reversing contacts, with motor circuit protection.
   d. Motion Logic Controller: Monitor take-up and pay-out of cable at each hoist, ensuring units remain synchronized throughout up/down cycle.
   e. Watchdog Timers: Ensure motion of each hoist is transmitted to control system minimum of 8 times per 12 inches of travel, providing consistent, level operation.
   f. Audible Motion Alarm: Activates when unit is in raising or lowering cycle, to increase athlete's awareness of mats being moved into and out of storage.
2. Mount Control Panel: Within close proximity of Mat-Mover for ease in field wiring and effectiveness of motion alarm system.

D. Hoisting:

1. Hoisting of Mats: Accomplished with two 5/16-inch, 6-strand, 37 wires per strand, fiber-core, 4.26-ton breaking strength, steel cables. Each cable secured to 4-inch diameter drum, and terminating at heavy-wall, 2-inch by 6-inch by 40'-0" long steel load bar.
2. Sling: Mats shall be carried by 19 ounce per square yard vinyl fabric sling with antibacterial, fungi-resistant, and flame-retardant chemicals.
   a. Conformance: ASTM E 84, Class A Rating (25 flame spread, 450 smoke development); NFPA 701 large scale; ULC S-109 large and small scale; and California test requirements.
   b. Attach Sling to Load Bar: 2-inch wide nylon strap, encompassing full sling perimeter, terminating at load bar with load-rated ring with 5,000-pound breaking strength.
   c. Sling Capacity: Govern lift capacity of system.
   d. Sling Color: As selected by Architect from manufacturer's full range.

2.6 SCOREBOARD AND SHOT CLOCKS

A. General: Scoreboard and shot clocks shall meet requirements for FCC Class A.
   1. Provide one scoreboard and two shot clocks in Gymnasium.

B. Basketball Scoreboard: Standard electronic scoreboard with LED displays controlled by wireless remote control system.

1. General:
   a. Scoreboard face and perimeter material: 0.063" (1.60 mm) thick aluminum.
   b. Scoreboard back material: 0.050" (1.27 mm) thick aluminum.
   c. Overall Dimensions: 4'-0" (1.2 m) tall by 8'-0" (2.4 m) long by 8 inches (203 mm) deep.
   d. Finish: Powder-coat; color as selected by Architect from manufacturers full range.

Completely different Board = than we discussed

2. Display:
   a. Digits: 100,000 hour-rated, LED digits, minimum 13 inches high,
   b. Dots and Arrows: 100,000 hour-rated, LED circular or triangular shapes, 3 inches (76 mm) high.
   c. Captions: Vinyl lettering to identify each type of information.

3. Information displayed: Scoreboard shall display the following information:
   a. Three-digit HOME score; red LED
   b. Three-digit GUEST score; red LED
   c. One-digit PERIOD; orange LED
   d. Home and Guest BONUS circular dots; red LED
   e. Home and Guest POSSESSION arrows; red LED
   f. Four-digit count-down CLOCK; orange LED

4. Product: Daktronics Model BB-2101, or equal by approved manufacturer.

C. Shot Clocks

1. General:
   a. Shot clock face and perimeter material: 0.063" (1.60 mm) thick aluminum.
   b. Shot clock back material: 0.050" (1.27 mm) thick aluminum.
   c. Overall Dimensions: 2'-0" (610 mm) tall by 2'-0" (610 mm) long by 8 inches (203 mm) deep.
   d. Finish: Powder-coat; color as selected by Architect from manufacturers full range.
   e. Quantity: Two shot clocks for each scoreboard.

2. Display: 100,000 hour-rated, LED digits, 13 inches (330 mm) high,

3. Information displayed: Scoreboard shall display the following information: Two-digit count-down CLOCK; orange LED

4. Product: Daktronics BB-2114-15 or equal by approved manufacturer.

D. Remote Control for Scoreboard and Shot Clocks: Manufacturer's standard wireless system comprising the following:

1. Controller: Universal LCD keyboard controller, with nine keypad inserts for basketball and wrestling.
2. Transformer: 12-volt DC wall transformer
3. Transmitter: FCC Part 15-certifiec, 2.4 GHz transmitter connected to keyboard
4. Receiver: 2.4 GHz receiver, in conformance with the requirements of FCC Part 15, connected to scoreboard.

E. Power Requirements:
1. Scoreboard: Hard-wired into 20-amp, 120-volt, 60-Hz grounded AC circuit.
2. Shot Clock: Hard-wired into 20-amp, 120-volt, 60-Hz grounded AC circuit
3. Keyboard: Plug-in to receptacle on 20-amp, 120-volt, 60-Hz grounded AC circuit.

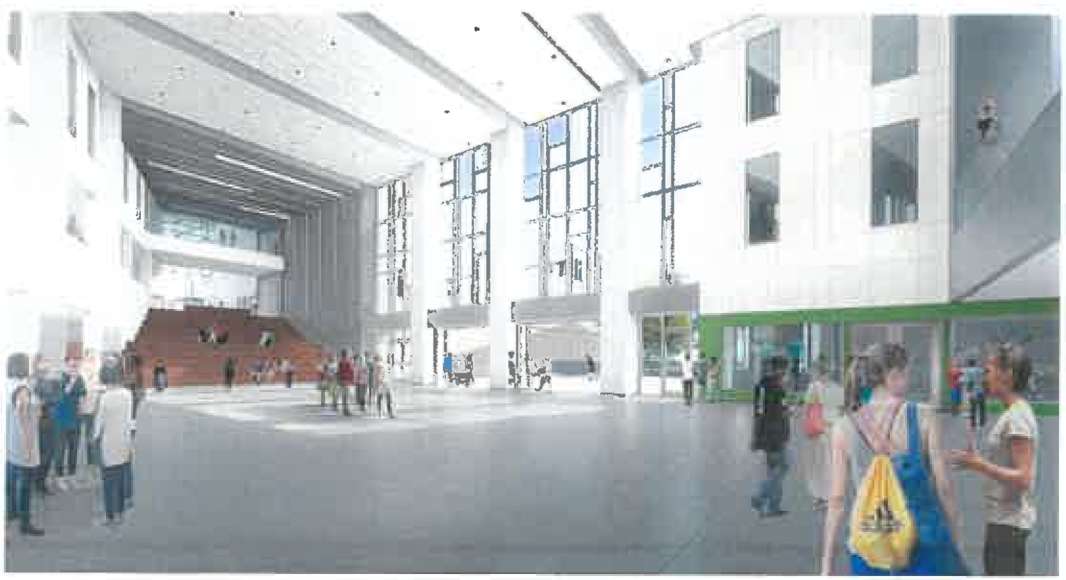
2.7 MISCELLANEOUS MATERIALS

A. Control Center: Centralized control center for motorized athletic equipment.

CONSTRUCTION

Dover High School and Career Technical Center

Monthly Construction Report No. 8

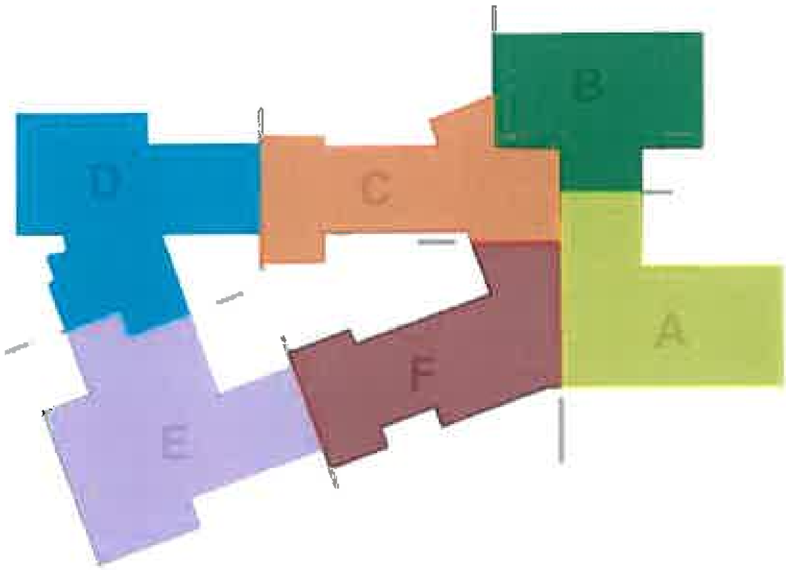


May 3, 2017

TABLE OF CONTENTS

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

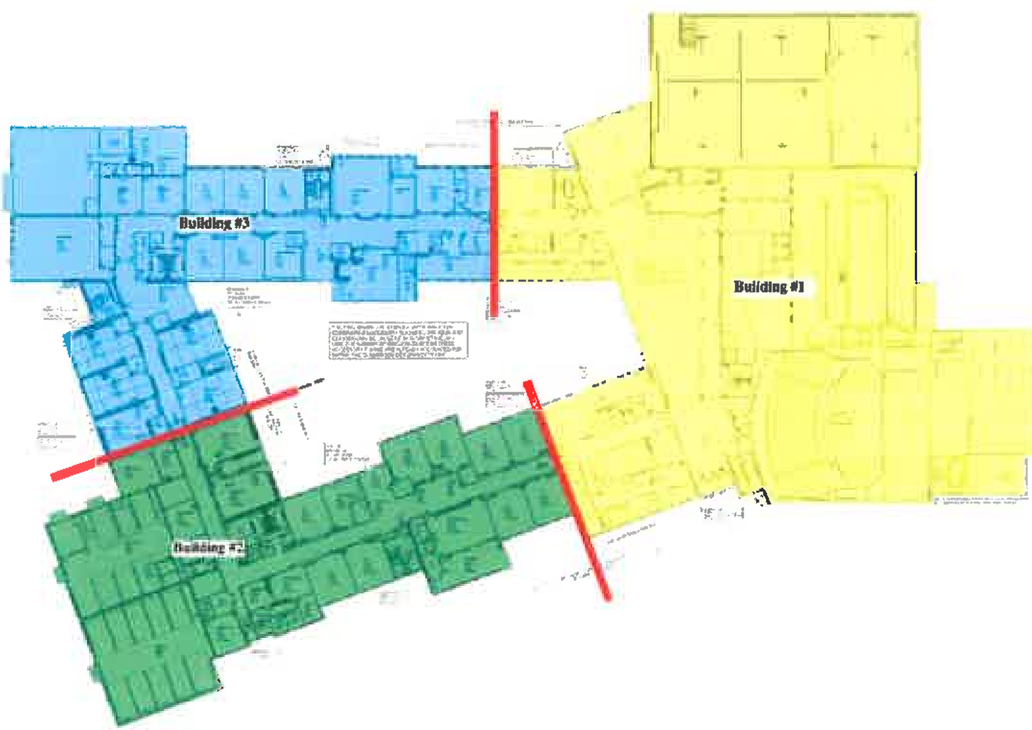
2. Construction Progress Highlights
    - Steel erection in Area F is nearly complete
    - Slabs in Area C are complete
    - Slabs on deck in Area D are on-going
    - Masonry has begun at the Loading Dock
    - Foundations for Area E are complete
    - Courtyard drainage is on-going
    - Interior fireproofing in Areas A, B & C is nearly complete

3. Critical Issues
    - We are concerned about on-going changes to the documents and lack of final drawings based upon Fire Marshal revisions. This is impacting the interior rough-in work.

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 – 4/21/17 update provided.

3. Three-Week Look Ahead Schedule – Distributed weekly

4. Schedule Impacts
   - Analyzing impact of ledge discovered on-site.
   - Analyzing impact of pending drawing updates due to Fire Marshall revisions.

5. Progress Photos
   - Area F Structural Steel

- Auditorium Framing and Sheathing

- Area C 1st Floor Slab On Deck

- Area C Ground Floor Slab Prep

- Area C 1st Floor Slab and Exterior Framing

C. Design Coordination:

1. RFI Status
   - Submitted (358)
   - Open (12)
   - Critical (01)
2. Submittals
   - Submitted (600)
   - Open (47)
   - Critical (00)
3. ASI's & PR's
   - Issued (79)

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 4/3/17 = 82
   Week of 4/10/17 = 73
   Week of 4/17/17 = 64
   Week of 4/24/17 = 81

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
• 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
o Total to Date	$55,242,862

2. Current Contract Summary

• Base Contract:	$71,643,000
• Approved Changes thru CO #5	$ 805,705
• Current Contract amount:	$72,448,705

3. Change Order Management:

Previously Approved Proposals	$ 805,705
Proposals to be included in CO No. 6:	
• 190052R1	$ 34,802
•	
• Total	$ 840,507

4. Contingency Usage

• Carried:	$ 1,700,000
• Committed to Date:	$ 548,460
• Remaining:	$ 1,151,540

5. Allowance Status	Used	Remaining
• 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 #11	$18,217,623
• Current Retained Amount	$ 681,402
• Remaining to be Billed	$54,907,830