



**DOVER SCHOOL  
DISTRICT**

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

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Meeting Type:     | <b>Regular Meeting</b>                                  |
| Meeting Location: | <b>Superintendent's Conference Rm, McConnell Center</b> |
| Meeting Date:     | <b>Tuesday, December 3, 2019</b>                        |
| Meeting Time:     | <b>4:30 P.M.</b>                                        |

1. Call to order and roll call
2. Citizen's Forum
3. Approval of Meeting Minutes from November 12, 2019
4. Approve manifests
5. Review and approve new change order proposals/log
6. Proposal Request Approvals
7. Inspectional Services Update
8. Clerk of the Works Update
9. Committee Financial Report
10. Matters of Interest
11. Build next agenda and review action items
12. Adjournment



**DOVER SCHOOL  
DISTRICT**

## **JOINT BUILDING COMMITTEE DOVER HIGH SCHOOL AND REGIONAL CTC MINUTES**

|                   |                                      |
|-------------------|--------------------------------------|
| Meeting Type:     | Regular Meeting                      |
| Meeting Location: | Supt Conference Rm, McConnell Center |
| Meeting Date:     | November 12, 2019                    |
| Meeting Time:     | <b>4:30 p.m.</b>                     |

- 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, November 12, 2019 at 4:33 p.m. in the Superintendent's Office at the McConnell Center. Present were Bob Carrier, Amanda Russell, Sarah Greenshields, Dennis Shanahan, Mark Geuther and Matt Severson. Also present were PC Construction Representatives Garret Bertolini, Nick Rouleau, City Attorney Joshua Wyatt, Clerk of the Works Stephanie Cartabona, Business Administrator Libby Simmons, DHS Principal Peter Driscoll, Superintendent Bill Harbron, Facilities Director Mike Brooks, CTC Director Lisa Danley, Fire Chief Paul Haas.
- II. CITIZEN'S FORUM:** No one addressed the JBC.
- III. APPROVE MEETING MINUTES FROM OCTOBER 29, 2019:** Sarah Greenshields moved, Dennis Shanahan seconded to approve the minutes listed above as presented. An oral **VOTE PASSED 6/0.**
- IV. APPROVE MANIFESTS:**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC300 in the amount of \$2,469.85 to Vernier Software and Technology for DHS Science equipment. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC301 in the amount of \$542.06 to HMFH Architects, Inc for professional services through October 31, 2019. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC302 in the amount of \$727.00 to School Specialty for FFE for CTC. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC303 in the amount of \$5,362.27 to School Furnishings for FFE for CTC. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC304 in the amount of \$3,276.00 to School Furnishings for FFE for CTC. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC305 in the amount of 2,785.00 to DiaMedical USA for FFE for CTC. A roll call **VOTE PASSED 6/0.**
- Amanda Russell moved, Matt Severson seconded to pay manifest CIPM#DHSCTC306 in the amount of \$7,002.84 to School Furnishings for FFE for CTC. A roll call **VOTE PASSED 6/0.**
- V. REVIEW AND APPROVE NEW CHANGE ORDER PROPOSALS/LOG:**
- Amanda Russell moved, Matt Severson seconded to approve Owners Change Order 0036 in the amount of \$4,461.68. A roll call **VOTE PASSED 6/0.**
- Mr. Shanahan reminded the JBC that it was agreed upon a few weeks ago that the contract completion date change would occur at no extra cost.



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Ms. Cartabona reviewed the change order log. Items on the unsubmitted list are currently being worked on by PC Construction.

Amanda Russell moved, Dennis Shanahan seconded to authorize up to \$10,000 to fix courtyard doors so that they will be easier to use during the day without wedging the door open. A roll call **VOTE PASSED 6/0.**

Under **PC Not Pricing**, wainscoting in welding costs were reduced from \$6,000 to \$2,500. Ms. Cartabona will obtain 3 estimates for the sink in welding with the intention to have installation over the holiday break when students aren't present.

The washer/dryer and lighting at building signs are not critical.

Ms. Cartabona has asked PC to add the Clean Room Fume Hood to their list of summer work since they have the trades available and know the project.

The air compressor for auto collision and welding will be put out to bid.

A bid will be put out also for fencing. Ms. Cartabona mentioned adding the tennis grant funds to the fence bid (\$50,000). Thank you to Sue Vitko for her work obtaining the grant funds. The fence near the front entry is included in the fencing estimate.

The dugouts were discussed, and the consensus on the exterior was that it should be wood, most likely, T1-11 and wood or PVC trim. Ms. Danley will share with the building trades teacher so that he can estimate the project.

- VI. PROPOSAL REQUEST APPROVALS:** Ms. Cartabona discussed a request for materials for the diamond plate and for ventilation adapters that will improve welding fume capture. The welding teacher offered for installation to be completed by her team. Mr. Severson commented that a professional should review the ventilation systems. He doesn't agree with teachers building a safety system and wants to make sure the system is what is needed. Ms. Cartabona stated she would go to the manufacturer to compare products (fume extractors) and will obtain information in writing.

Sarah Greenshields moved, Matt Severson seconded to approve a request for Diamond plate and ventilation adapters not to exceed \$2,500.00 with manufacturer written acceptance. A roll call **VOTE PASSED 6/0.**

Ms. Cartabona added that she would like to a request a quote for tables and chairs for CTC that would most likely be less than \$5,000 if money is available.

- VII. INSPECTIONAL SERVICES UPDATE:** Chief Haas stated that Inspectional Services received a letter from GGD regarding the audibility of the fire alarm. The letter stated that the alarm met requirements, but Inspectional Services is not in agreement with the response. They feel the alarm is not able to be heard or understood in certain areas of the CTC due to a higher ambient noise level in these areas. They also believe that CTC classrooms should not be treated the same as other classrooms. Students in many of these classrooms wear ear protection which would make hearing



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**JOINT BUILDING COMMITTEE  
DOVER HIGH SCHOOL AND REGIONAL CTC  
MINUTES**

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alarms even more difficult. A previous proposal to install shunts that would shut down equipment when the fire alarm is activated has been determined to be problematic, as this could create an unsafe condition with some of the CTC equipment.

Chief Haas requested that a third party evaluate the fire alarm system to determine if it is sufficient.

Mr. Severson stated his belief that more visuals are needed including additional strobes for the fire alarm systems in certain CTC areas.

Mr. Geuther noted that HMFH missed that some rooms would be used for a certain purpose. Ms. Cartabona will contact a fire protection engineer to determine the process and cost for obtaining a third-party evaluation.

Mr. Severson added that HMFH or GGD should pay if there is an issue.

Chief Haas confirmed that all other items are small and in progress. The alarm is the only impediment to the Certificate of Occupancy.

- VIII. CLERK OF THE WORKS:** Ms. Cartabona discussed welding ventilation stating there is an air handling system that provides up to twenty air changes per hour. She asked GGD if the welding room controls were set up to provide an appropriate amount of fresh air, instead of simply recirculating air back into the room. She hasn't received an answer yet if it is 100% outside air or recirculated air.

Mr. Brooks is also looking into the welding ventilation issue.

Mr. Severson requested a definitive statement by GGD to make sure the issue is resolved.

- IX. COMMITTEE FINANCIAL REPORT:** Ms. Simmons reviewed the report stating that \$112,146 is estimated in the contingency after today's approvals. This does not include tennis court grant and fundraising money.

There are still funds in FFE, but a complete inventory hasn't been completed. CTC has completed about 80% of their inventory.

- X. FINANCIAL AND STATUS UPDATE:** Amanda Russell moved, Matt Severson seconded to approve the financial update. An oral **VOTE PASSED 6/0**.

- XI. MATTERS OF INTEREST:** Mr. Geuther congratulated Mr. Carrier on his recent election win as Mayor. Mr. Severson commented on a positive email sent by Dover High School Dean of Students Tom Waldron and asked if it could be submitted to Fosters for publication to which Dr. Harbron responded that he would send to Fosters.

- XII. BUILD NEXT AGENDA AND REVIEW ACTION ITEMS:** The next regular meeting is scheduled for Tuesday, December 3 at 4:30 pm at the Superintendent's Conference Room at the McConnell Center.



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- XIII. ADJOURNMENT:** Sarah Greenshields moved, Matt Severson seconded to adjourn the meeting at 5:50 pm. An oral **VOTE PASSED 6/0.**

DRAFT

MAN. NO. CIPM#DHSCTC307  
DATE: 12/3/2019

VENDOR VOUCHER MANIFEST  
SCHOOL DISTRICT SAU #11

| 1.<br>DATE                                          | 2.<br>PAYEE<br>NAME AND ADDRESS                                         | 3.<br>FINANCE PO<br>NO: | 4.<br>AMOUNT<br>EXPENDED | 5.<br>AMOUNT OF<br>CHECK | 6.<br>PROJECT<br>NAME                     |
|-----------------------------------------------------|-------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------|-------------------------------------------|
| 1. 12/3/2019                                        | VWR International, Inc.<br>P.O. Box 640169<br>Pittsburgh, PA 15264-0169 |                         |                          |                          |                                           |
| PO Line<br>1                                        | <u>4016.1.600.46900.4725.07101.16.000.000.700</u>                       | 201908855               | COMPLETE                 | \$ 22.02                 | DHS/CTC<br>Fac. Improv.<br>Inv#8086366925 |
|                                                     | FFE (Science Equipment)                                                 |                         |                          | \$ 22.02                 |                                           |
| PO Line<br>1                                        | <u>4016.1.600.46900.4725.07101.16.000.000.700</u>                       | 201908855               | COMPLETE                 | \$ 42.95                 | Inv#8086296414                            |
|                                                     | FFE (Science Equipment)                                                 |                         |                          | \$ 42.95                 |                                           |
| Confirmed receipt at DHS (A. Poirier) on 11/14/2019 |                                                                         |                         |                          |                          |                                           |
| TOTALS                                              |                                                                         |                         |                          | \$64.97                  |                                           |

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:

64.97

\_\_\_\_\_  
Superintendent of Schools or Business Administrator

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert Carrier, Deputy Mayor, JBC Chair

\_\_\_\_\_  
Date



PO Box 117  
Wayne, PA 19087

**BILL TO:**

MDG2012 00000109 1 MB 428 1



DISTRICT 11 DOVER  
201908855  
61 LOCUST ST STE 409  
DOVER NH 03820-3753

**ORIGINAL INVOICE**

| INVOICE DATE     | INVOICE #     | PURCHASE ORDER #       | ORDER DATE |
|------------------|---------------|------------------------|------------|
| 05/23/2019       | 8086366925    | 201908855              | 04/30/2019 |
| CUSTOMER ACC #   | SALES ORDER # | TERMS                  |            |
| 80290863         | 8355984686    | 30 days net            |            |
| PAYMENT DUE DATE | 06/22/2019    | PLEASE PAY THIS AMOUNT | \$ 22.02   |

**SHIP TO:**

Driscoll Peter/201908855  
DOVER HIGH SCHOOL  
25 ALUMNI DR  
DOVER NH 03820-4365

RECEIVED  
MAY 29 2019

E-mail address changes to [cmd\\_na@vwr.com](mailto:cmd_na@vwr.com)

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|                                                                    |             |                                                                                                                      |                           |         |                  |                   |           |             |            |
|--------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|---------|------------------|-------------------|-----------|-------------|------------|
| Reference:                                                         |             | Reference 2:                                                                                                         |                           |         |                  | Credit Card : N/A |           |             |            |
| ORDERED BY                                                         |             |                                                                                                                      | DATE SHIPPED              | WHSE    | VIA              |                   | CURRENCY  | DUNS #      | TAX CODE   |
| LIZABETH TAYLOR - 603-516-6900                                     |             |                                                                                                                      | 05/23/2019                | 8041    | UPS 2 Day Ground |                   | USD       | 15-098-2189 | 56-2445503 |
| LINE #                                                             | CUST LINE # | CATALOG NUMBER AND DESCRIPTION                                                                                       | ORDERED                   | SHIPPED | U/M              | UNIT PRICE        | EXTENSION | TAX         |            |
| 1                                                                  |             | 470148-746<br>MORTAR & PESTLE SET 100 MM 100 ML.<br>Packing Slip: 8355984686 5331<br>COO: CN<br>US HTS: 6909.11.4000 | 6                         | 6       | KT               | 3.67              | 22.02     | 0.00        |            |
|                                                                    |             | Merchandise Total                                                                                                    |                           |         |                  |                   | 22.02     |             |            |
| Visit our web site at <a href="http://www.vwr.com">www.vwr.com</a> |             |                                                                                                                      | Questions? 1-800-932-5000 |         |                  | Tax               |           | \$ 0.00     |            |
|                                                                    |             |                                                                                                                      |                           |         |                  | TOTAL             |           | \$ 22.02    |            |

PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT

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**BILL TO**

DISTRICT 11 DOVER  
201908855  
61 LOCUST ST STE 409  
DOVER NH 03820-3753

| INVOICE DATE     | INVOICE #     | PURCHASE ORDER #       | ORDER DATE |
|------------------|---------------|------------------------|------------|
| 05/23/2019       | 8086366925    | 201908855              | 04/30/2019 |
| CUSTOMER ACC #   | SALES ORDER # | TERMS                  |            |
| 80290863         | 8355984686    | 30 days net            |            |
| PAYMENT DUE DATE | 06/22/2019    | PLEASE PAY THIS AMOUNT | \$ 22.02   |

**REMIT TO**

VWR INTERNATIONAL LLC  
P.O. BOX 640169  
PITTSBURGH PA 15264-0169

0080863669257000000220200000022020

000109 000319 0001 0001



PO Box 117  
Wayne, PA 19087

**BILL TO:**

MDG2012 00000107 1 MB .428 1



DISTRICT 11 DOVER  
201908855  
61 LOCUST ST STE 409  
DOVER NH 03820-3753

**ORIGINAL INVOICE**

| INVOICE DATE     | INVOICE #     | PURCHASE ORDER #       | ORDER DATE |
|------------------|---------------|------------------------|------------|
| 05/16/2019       | 8086296414    | 201908855              | 04/30/2019 |
| CUSTOMER ACC #   | SALES ORDER # | TERMS                  |            |
| 80290863         | 8355984686    | 30 days net            |            |
| PAYMENT DUE DATE | 06/15/2019    | PLEASE PAY THIS AMOUNT | \$ 42.95   |

**SHIP TO:**

Driscoll Peter/201908855  
DOVER HIGH SCHOOL  
25 ALUMNI DR  
DOVER NH 03820-4365

**PAID**  
MAY 24 2019

E-mail address changes to [cmd\\_na@vwr.com](mailto:cmd_na@vwr.com)

1 of 1

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|                                                                    |             |                                                                                                                                                   |              |                           |                  |                   |            |                                                           |            |
|--------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------|------------------|-------------------|------------|-----------------------------------------------------------|------------|
| Reference:                                                         |             | Reference 2:                                                                                                                                      |              |                           |                  | Credit Card : N/A |            |                                                           |            |
| ORDERED BY                                                         |             |                                                                                                                                                   | DATE SHIPPED | WHSE                      | VIA              |                   | CURRENCY   | DUNS #                                                    | TAX CODE   |
| LIZABETH TAYLOR - 603-516-6900                                     |             |                                                                                                                                                   | 05/16/2019   | 8041                      | UPS 2 Day Ground |                   | USD        | 15-098-2189                                               | 56-2445503 |
| LINE #                                                             | CUST LINE # | CATALOG NUMBER AND DESCRIPTION                                                                                                                    |              | ORDERED                   | SHIPPED          | U/M               | UNIT PRICE | EXTENSION                                                 | TAX        |
| 1                                                                  |             | TARS560070_U<br>WASH BOTTLE-500ML/16OZ-PK 12.<br>Packing Slip: 8355984686 2646<br>COO: IN<br>US HTS: 3923.30.0090<br><br><b>Merchandise Total</b> |              | 1                         | 1                | CS                | 42.95      | 42.95<br><br><br><br><br><br><br><br><br><br><b>42.95</b> | 0.00       |
| Visit our web site at <a href="http://www.vwr.com">www.vwr.com</a> |             |                                                                                                                                                   |              | Questions? 1-800-932-5000 |                  |                   | Tax        | \$ 0.00                                                   |            |
|                                                                    |             |                                                                                                                                                   |              |                           |                  |                   | TOTAL      | \$ 42.95                                                  |            |

PLEASE DETACH THIS PORTION AND RETURN WITH YOUR PAYMENT

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**BILL TO**

DISTRICT 11 DOVER  
201908855  
61 LOCUST ST STE 409  
DOVER NH 03820-3753

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|------------------|---------------|------------------------|------------|
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| 80290863         | 8355984686    | 30 days net            |            |
| PAYMENT DUE DATE | 06/15/2019    | PLEASE PAY THIS AMOUNT | \$ 42.95   |

**REMIT TO**

VWR INTERNATIONAL LLC  
P.O. BOX 640169  
PITTSBURGH PA 15264-0169

0080862964147000000429500000042950

000107 000341 0001 0001

MAN. NO. CIPM#DHSCTC308  
DATE: 12/3/2019

VENDOR VOUCHER MANIFEST  
SCHOOL DISTRICT SAU #11

| 1.<br>DATE   | 2.<br>PAYEE<br>NAME AND ADDRESS                                                     | 3.<br>FINANCE PO<br>NO: | 4.<br>AMOUNT<br>EXPENDED | 5.<br>AMOUNT OF<br>CHECK | 6.<br>PROJECT<br>NAME                   |
|--------------|-------------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------|-----------------------------------------|
| 1. 12/3/2019 | City of Dover, NH<br>PO Box 818<br>Dover, NH 03820                                  |                         |                          |                          |                                         |
| PO Line<br>1 | <u>4016.1.600.46900.4725.07101.16.000.000.700</u>                                   |                         |                          | \$ 4,034.45              | DHS/CTC<br>Fac. Improv.<br>Inv ID#20292 |
|              |                                                                                     |                         |                          | \$ 4,034.45              |                                         |
|              | Softball fields water meter - PC issued credit on Change Order #190414.             |                         |                          |                          |                                         |
|              | Confirmed cost and completion of work with S. Cartabona, Clerk of Works, 11/18/2019 |                         |                          |                          |                                         |
| TOTALS       |                                                                                     |                         |                          | \$4,034.45               |                                         |

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:

4,034.45

\_\_\_\_\_  
Superintendent of Schools or Business Administrator

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert Carrier, Deputy Mayor, JBC Chair

\_\_\_\_\_  
Date



# City of Dover, NH

P.O. Box 818  
Dover, NH 03820-0818

## UTILITY BILL

Tax collection office accepts payment by check or cash

**Meter Read Date:** 9/4/2019

Payor

CITY OF DOVER  
SCHOOL DEPARTMENT  
288 CENTRAL AVE  
DOVER NH 03820

Service ID 20292  
Service Address  
LUMNI DR/IRRIGATION/LOW FLOW  
Book  
Billing Period 6/13/2019-9/4/2019  
Bar Code 1074682  
Invoice Date 9/4/19  
Due Date 10/4/19

### User Rate Information

Usage service based on 100 cubic feet  
of water consumption.

**Make checks payable to: City of Dover**

**Important Information Located on Back**

Interest of 18% per annum accrues on  
unpaid balances after due date.  
Interest calculated thru 9/4/2019

### CURRENT CHARGES

| Meter | Service               | Read Type | Previous<br>Read Date | Last Read | Current<br>Read | Usage | Rate | Charge     |
|-------|-----------------------|-----------|-----------------------|-----------|-----------------|-------|------|------------|
|       | Water Maint - Parts   |           |                       |           |                 |       |      | \$4034.45  |
|       | Total Current Balance |           |                       |           |                 |       |      | \$4,034.45 |
|       | Total Due             |           |                       |           |                 |       |      | \$4,034.45 |
|       | Due Date              |           |                       |           |                 |       |      | 10/4/2019  |

**Mail payment with lower portion in enclosed self-addressed envelope. Retain upper portion for your records.**

**City of Dover, NH**

P.O. Box 818  
Dover, NH 03820-0818

Tax collection office accepts payment by check or cash

Service ID 20292  
Billing Period 6/13/2019-9/4/2019  
Book  
Invoice Date 9/4/19  
Service Address  
ALUMNI DR/IRRIGATION/LOW FLOW

Bar Code 1074682



CITY OF DOVER  
SCHOOL DEPARTMENT  
288 CENTRAL AVE  
DOVER NH 03820

**Return This Portion**

| Outstanding | Interest | Current    | Pay This Amount |
|-------------|----------|------------|-----------------|
| \$0.00      | \$0.00   | \$4,034.45 | \$4,034.45      |

0000020292 01074682 100419 9202003 0000403445 6

# PROFESSIONAL SERVICES SUPPLEMENT #13

AIA Document G604

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In accordance with the **AGREEMENT** dated:

December 2, 2014

**BETWEEN:**

**The Dover School District  
School Administrative Unit #11  
McConnell Center  
61 Locust Street, Suite 409  
Dover, NH 03820-4132**

and:

**HMFH Architects, Inc.  
130 Bishop Allen Drive  
Cambridge, MA 02139**

for the Project:

Dover High School and Regional Career Technical Center

☒ authorization is requested



- ☒ to proceed with Additional Services  
☐ to proceed with revised scope of Basic Services  
☐ to incur Reimbursable Expenses

OR

☐ notification is made



- ☐ of the need to proceed with Contingent Additional Services  
☐ of the need for other services

AS FOLLOWS:

Additional Civil Out-of-Scope Construction Support Services - Nobis (to be billed as Lump Sum).

|                             |                    |
|-----------------------------|--------------------|
| Nobis                       | \$19,980.00        |
| HMFH Coordination Fee – 10% | <u>\$1,998.00</u>  |
| <b>Total</b>                | <b>\$21,978.00</b> |

*(insert provisions covering time of commencement and completion of authorized services as applicable).*

Prompt written notice is required if the services indicated are not needed.

SUBMITTED BY: HMFH Architects, Inc.

AUTHORIZATION IS GIVEN or  
NOTIFICATION IS ACKNOWLEDGED BY:



*(signature)*

Laura Wernick, FAIA, Senior Principal  
*(printed name and title)*

10/29/2019  
*(date)*

*(signature)*

*(printed name and title)*

*(date)*

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AIA DOCUMENT G604 • PROFESSIONAL SERVICES SUPPLEMENT • 1993 EDITION • AIA •  
• THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVE., N.W., WASHINGTON, DC 20006

G604-1993



October 28, 2019  
File No. 989120.01

Ms. Laura Wernick  
HMFH Architects, Inc.  
130 Bishop Allen Drive  
Cambridge, MA 02139

Re: Contract Amendment #001  
Out-of-Scope Construction Support Services  
Dover High School & Career Technical Center  
Alumni Drive  
Dover, New Hampshire

Dear Ms. Wernick:

Following our recent discussion, Nobis Engineering, Inc. d/b/a Nobis Group® (Nobis) has prepared this contract amendment letter requesting a formal modification to our contract to reflect the out-of-scope services provided during the construction phase of the above-referenced project. Our original proposal/contract (dated September 16, 2015) included a task for “Construction Administration” (CA) with a lump sum fee of \$77,000 to support construction.

As you know, construction efforts intensified over the summer to complete the project. During this push, Nobis provided a substantial amount of technical support for a variety of construction aspects, some of which were unanticipated out-of-scope efforts that were discussed/identified at the time of construction, with the understanding that a contract modification could be obtained if the estimated budget was exceeded as the project nears completion. Specifically, these supplemental efforts and associated costs are as follows:

- Environmental Services: Providing environmental assessment, analytical testing, and full-time oversight during the removal of impacted water/sludge within former auto bay troughs and the removal of impacted soil surrounding the troughs. The cost associated with these efforts is \$8,701 (which includes \$3,450 in analytical laboratory costs and \$5,251



in project management, sample collection, and field inspection/oversight, and field screening equipment/instrumentation).

- Consultation/Redesign Services & Teacher Parking Lot Repairs: These out-of-scope services included issuing CSK drawings at the request of HMFH for tennis court design modifications associated with the US Tennis Association (USTA) grant and providing full-time oversight to remove and replace unanticipated pockets of unsuitable buried organic soil deposits below portions of the teacher's parking lot. Tennis court redesign efforts included the redesign of tennis court sidewalks and sidewalk grades to address revised access gate locations on Alumni Drive side of fence and ADA requirements, and modifying tennis court grades to meet USTA grant requirements. Soft/unstable pavement areas were identified in the teacher's parking lot following the placement of asphalt binder. As a result, Nobis provided consultation and full-time engineering oversight during the removal of unsuitable buried organic deposits and replacement with crushed gravel to stabilize the subgrade; The cost associated with these efforts is \$11,279.

The total cost of these unanticipated/out-of-scope efforts provided during construction are approximately \$19,980. As such, we are requesting a contract modification in the amount of \$19,980 to support these efforts.

We thank you in advance for your cooperation and understanding. If you have questions, or need additional information, please call or email us.

Very truly yours,  
**NOBIS GROUP®**

Michael A. Ciance, PE  
Senior Project Manager

Kenneth R. Koornneef, PE  
CEO/President



November 26, 2019

Garret Bertolini  
PC Construction  
131 Presumpscot Street  
Portland, ME 04103

OFFICE: (617) 492 2200  
FAX: (617) 870 9775

130 Bishop Allen Drive  
Cambridge, MA 02142

hmfh.com

Re: Change Request Proposal – 190425  
Canopy Lintel Paint Credit at HS & CTC Entrances

Dear Garret:

HMFH has reviewed this Proposed Change Order and is recommending to the Owner that it and the associated credit of \$1,014.00 be reviewed by the JBC for approval. It is our understanding that PC Construction is not requesting any time be added to the contract for the work related to this CR or any other costs for this work.

This was identified as work needing to be completed on the punch list. PC requested the color which was to match the white brick. For the past 18 months, PC has periodically been reminded to do this work. PC never completed the work.

All out of sequence CRPs have included a 5% coordination charge. PC is not providing this credit.

In approving this CR, the Owner is not accepting the request for reservation of rights identified in the CR.

Very Truly yours,

HMFH Architects

Alan Pemstein, AIA

encl: CRP 190425

cc: Libby Simmons, Dover School District  
Bob Carrier, Chair JBC  
Laura Wernick, HMFH  
Stephanie Cartabona, Clerk

Arthur S. Duffy, AIA  
Chin Lin, AIA  
Colin R. Dockrill, AIA  
Deborah A. Collins, AIA  
Devin E. Canton, AIA  
Erica Metzger  
George R. Metzger, AIA  
John F. Miller, FAIA  
Julia Nugent, AIA  
Laura A. Wernick, FAIA  
Lori Cowles, AIA  
Margaret M. Munroe  
Mario J. Torroella, FAIA  
Matthew LaRue, AIA  
Melissa A. Greene, AIA  
Philip S. Lewis, AIA  
Robert P. Williams, AIA  
Stephen Friedlaender, FAIA  
Tina Stanislawski, AIA  
Vassilios Vatacs, AIA



131 Presumpscot Street  
Portland, ME 04103  
T: 207.874.2323  
F: 207.874.2727

**15027: Dover High School and Career  
Technical Center**  
25 Alumni Drive  
Dover, NH 03820

## Change Request Proposal 190425.1

Title **Main Entrance Canopy & CTC Entrance Canopy - Credit to not Paint Lintels**  
Date Issued **11/22/2019**  
Proposal Status **Submitted (Not Proceeding)**

| Architect                                                                                                                                                  | Owner                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Alan Pemstein<br>HMFH Architects, Inc.<br>130 Bishop Allen Drive<br>Cambridge, MA 02139<br><br>T: 617.844.2140<br>F: 617.876.9775<br>E: apemstein@hmfh.com | Robert Carrier<br>Dover School District<br>61 Locust Street 409<br>Dover, NH 03820-4132<br><br>T: 603.516.6800<br>F: 603.516.6809<br>E: |

### Project Cost And Schedule Impacts

This proposal will decrease the value of this contract by \$-1,014.00.

### Scope Of Work

Credit to not paint the underside of the galvanized lintels at the Main Entrance Canopy & CTC Entrance.

### Cost Items

| Description                                                                                     | Company         | Phase  | Amount             |
|-------------------------------------------------------------------------------------------------|-----------------|--------|--------------------|
| Credit to not Paint Galvanized Steel Lintels at the Front Entrance Canopy & CTC Entrance Canopy | F.A. Gray, Inc. | 190425 | \$ -1,000.00       |
| L2 Markup - Insurance (0.75%)                                                                   |                 | 016150 | \$ -8.00           |
| L2 Markup - P&P Bond (0.56%)                                                                    |                 | 016200 | \$ -6.00           |
| <b>Total</b>                                                                                    |                 |        | <b>\$-1,014.00</b> |

### Architect/Engineer Recommendation

I have reviewed this change proposal and agree that it appears to be fair and reasonable and recommend acceptance.

Signature

Date

Name & Title of Authorized Representative

Alan Pemstein

HMFH Architects, Inc.

### Owner Approval

By signing below, the Owner authorizes this work to proceed and agrees that PC shall be compensated by the appropriate time and cost. This Change Request Proposal will be included in the next Contract Change Order.

Signature

Date

Name & Title of Authorized Representative

Robert Carrier

Joint Building Committee Chair  
Dover School District

This change request proposal includes only the direct costs associated with this work. PC Construction Company reserves the right to later claim schedule adjustment and extension of time, and for all other indirect impact costs caused by or resulting from this change proposal and cumulative effects of other change orders to the work of this contract.

## F.A. GRAY, LLC

Painting Contractors - Residential - Industrial - Commercial  
300 West Road Unit #4, Portsmouth, NH 03801  
(603) 436-0170 Visit us at [www.fagray.com](http://www.fagray.com)

## PROPOSAL

DATE: 11/18/19  
PC CONSTRUCTION COMPANY - 131 PRESUMSCOT STREET  
PORTLAND, ME 04103

We propose hereby to furnish material and labor – complete in accordance with specifications below, for the sum of: (See below)

All material is guaranteed to be specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed upon written or oral orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

AUTHORIZED SIGNATURE:

By: John Gray, Vice-President

Note: This proposal may be withdrawn by us if not accepted within thirty days.

*We hereby submit specifications for:*  
**DOVER HIGH SCHOOL**

DEDUCT PAINTING OF TWO EXTERIOR LINTELS +/- 100 L/F

PRICE: (1,000.00)

**Acceptance of Proposal:** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined below.

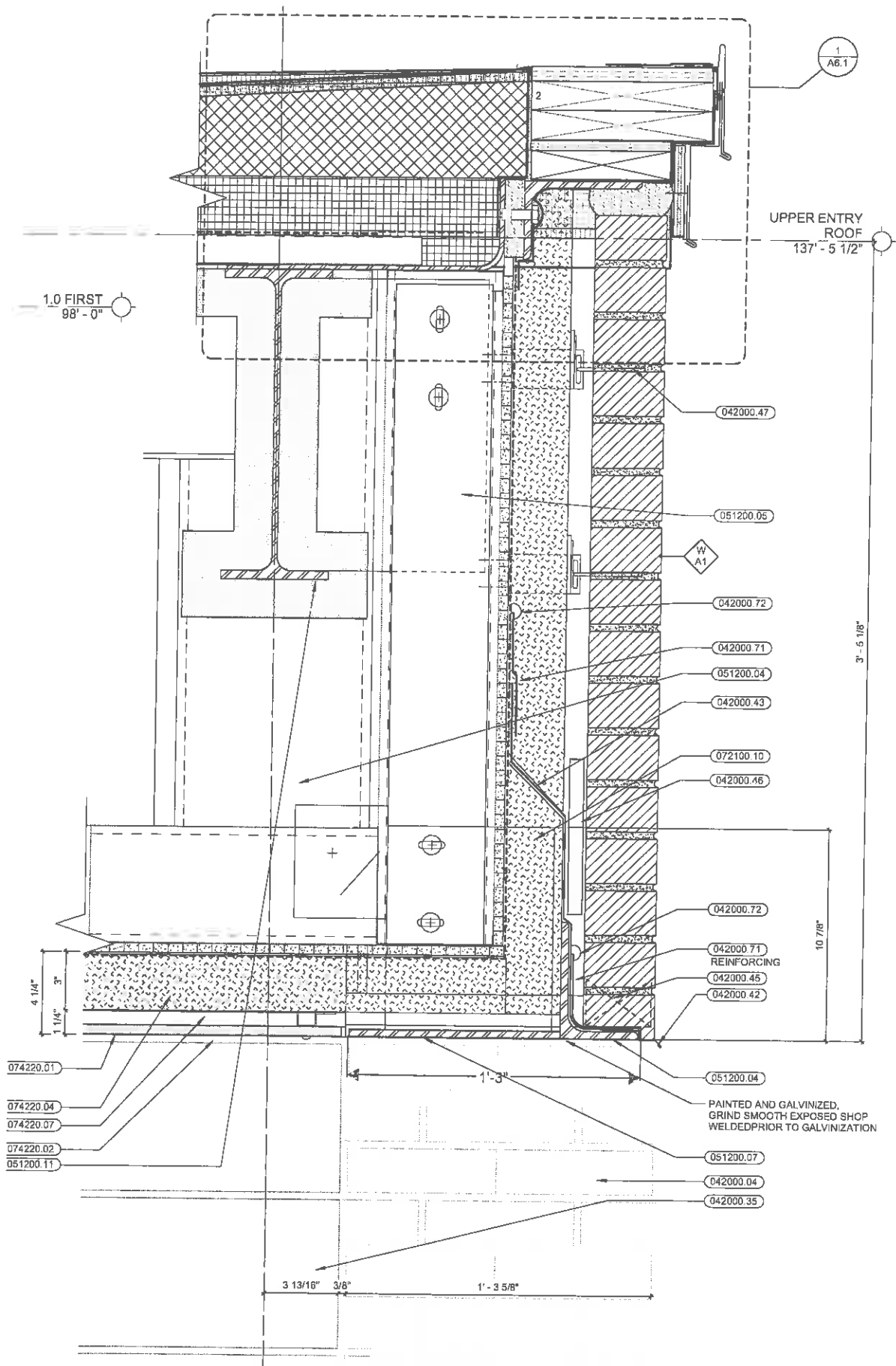
Signature: \_\_\_\_\_

Date of acceptance: \_\_\_\_\_

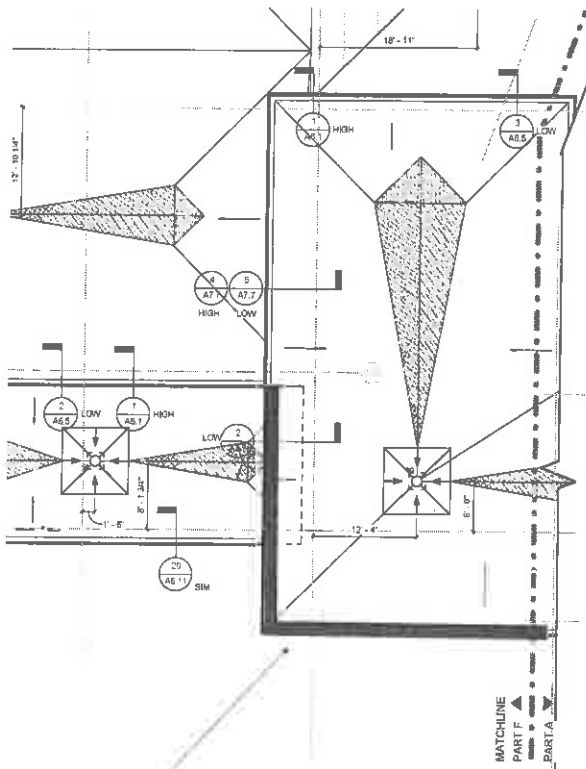
Signature: \_\_\_\_\_

Date of acceptance: \_\_\_\_\_

Payment to be made as follows: 50% of job to be paid upon signature. Balance upon completion of work. Accounts with delinquent invoices may be refused delivery or production until past due amounts are paid in full. In the event that we are forced to file suit or utilize a collection agency to collect for your purchases, you agree to pay applicable interest, court costs, reasonable attorney fees, and collection costs.



SECTION DETAIL @ ENTRY OVERHANG ①  
3" = 1'-0"



Canopy Steel at Main Entrance

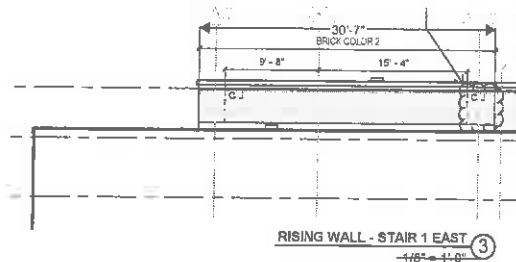


Image cropped from detail 3 on A4.4

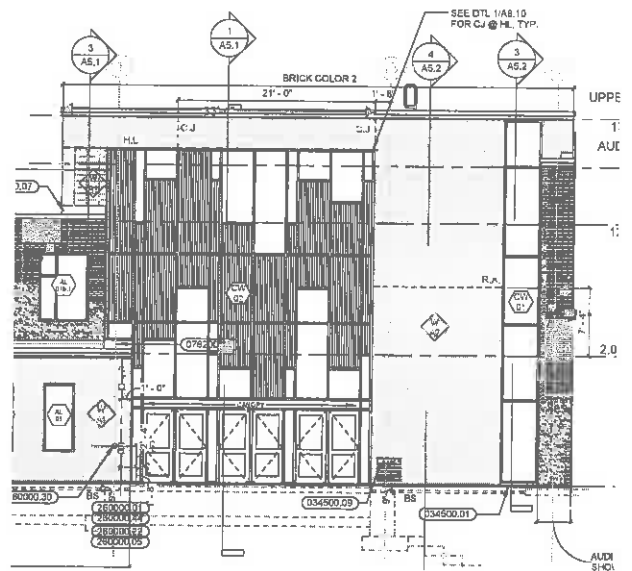


Image Cropped from Detail 1 on A4.3

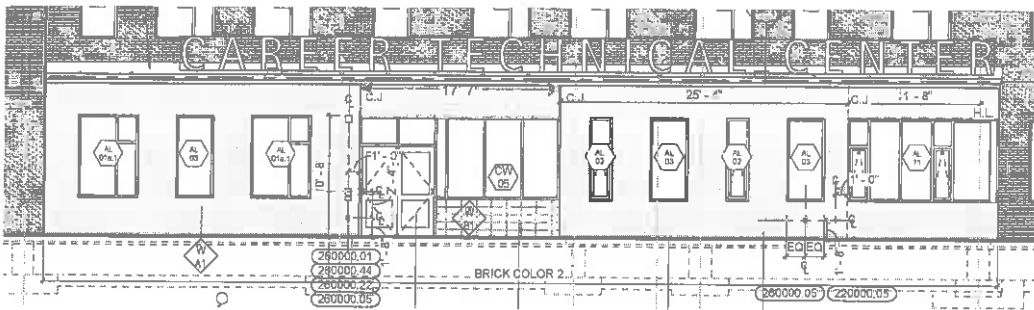


Image Cropped from Drawing A4.2



From Submittal  
09900-001-0

## SCHEDULE

### Exterior Finishes

#### **Ferrous Metal - New and Galvanized (Shop Primed)**

Spot Prime B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

*Touch Up for Damaged Areas*

2 Coats B65W00651 - Acrolon® 218 HS Polyurethane - Semi-Gloss

#### **Metal Bollards, Doors & Frames and Misc. Piping (Shop Primed)**

Spot Prime: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

*Touch Up for Damaged Areas*

2 Coats: B65W00651 - Acrolon® 218 HS Polyurethane - Semi-Gloss

#### **Gypsum Wallboard @ Soffits**

Primer: A24W01100 - Loxon® Masonry Coating Systems Conditioner

2 Coats: A05W00451 - ConFlex XL High Build Coating

### Interior Finishes

#### **Ferrous Metals - New and Galvanized**

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

2 Coats: B66W00651 - Pro Industrial High Performance Acrylic - Semi-Gloss

#### **Gypsum Wallboard**

Primer: B11W01500 - Harmony® IAQ Interior Primer

2 Coats: B09W01051 - Harmony® IAQ Interior Acrylic Eg-Shel

#### **Gypsum Wallboard Ceilings**

Primer: B11W01500 - Harmony® IAQ Interior Primer

2 Coats: B05W01051 - Harmony® IAQ Interior Acrylic Flat

#### **Wood, Opaque finish**

Primer: B11W01500 - Harmony® IAQ Interior Primer

2 Coats: B10W01051 - Harmony® Interior Latex Semi-Gloss

#### **CMU or Latex Semi-Gloss Finish**

Primer: B25W00025 - PrepRite® Interior/Exterior Latex Block Filler

2 Coats: B10W01051 - Harmony® Interior Latex Semi-Gloss

#### **Ferrous Metal Doors, Frames & Light Frames**

Primer: B66W00310 - Pro Industrial Pro-Cryl® Universal Acrylic Primer

2 Coats: B65W00721 - Pro Industrial Waterbased Acrolon 100 Polyurethane



# PRO

## INDUSTRIAL™

113.05

### Pro-Cryl® UNIVERSAL PRIMER

| As of 09/11/2015, Complies with: |         |             |     |
|----------------------------------|---------|-------------|-----|
| OTC                              | Yes     | LEED® 09 CI | Yes |
| SCAQMD                           | Yes     | LEED® 09 NC | Yes |
| CARB                             | Yes     | LEED® 09 CS | Yes |
| CARB SCM 2007                    | Yes     | LEED® 09 S  | Yes |
| MPI                              | 107,134 | NGBS        | Yes |

B66W00310

B66A00310

B66N00310

OFF WHITE

GRAY

RED OXIDE

### CHARACTERISTICS

**Pro Industrial Pro-Cryl Universal Primer** is an advanced technology, self cross-linking acrylic primer. It is rust inhibitive and designed for commercial, new construction and maintenance applications. It can be used as a primer under water-based or solvent-based high performance topcoats.

- Rust inhibitive
- Single component
- Early moisture resistant
- Fast dry
- Low temperature application 40°F
- Interior and exterior use
- Suitable for use in USDA inspected facilities

**Color:** Off White, Gray, Red Oxide

**Recommended Spread Rate per coat:**

Wet mils: 5.0 - 10.0

Dry mils: 1.8 - 3.6

~Coverage: 160 - 320 sq ft/gal  
Approximate

**Theoretical coverage sq ft/gal**

(m2/L) @ 1 mil / 25 microns dft 577sq ft

NOTE: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Time @ 6.0 mils wet 50% RH:**

40°F 77°F 120°F

To touch: 2 hrs 40 min 20 min

Tack free: 8 hrs 2 hrs 1 hr

To recoat: 16 hrs 4 hrs 2 hrs

To cure: 45 days 30 days 14 days

Drying time is temperature, humidity, and film thickness dependent.

**Finish:** Low sheen

**Flash Point:** N/A

**Shelf Life:** 36 months, unopened

Store indoors at 40°F to 100°F.

**Tinting:** Do not tint

**B66W310** (may vary by color)

**VOC (less exempt solvents):**

96 g/L; 0.80 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

**Volume Solids:** 36% ± 2%

**Weight Solids:** 49% ± 2%

**Weight per Gallon:** 10.23 lb

### RECOMMENDED SYSTEMS

**Waterborne topcoat:**

- 1-2 cts. Pro Industrial Acrylic  
or Pro Industrial DTM Acrylic  
or Pro Industrial Multi-Surface Acrylic  
or Pro Industrial Pre-Catalyzed Waterbased Epoxy  
or Pro Industrial Waterbased Acrolon 100  
or Pro Industrial Waterbased Catalyzed Epoxy

**Solventborne topcoat:**

- 1-2 cts. Pro Industrial High Performance Epoxy  
or Pro Industrial Urethane Alkyd

Pro Industrial Pro-Cryl Universal Primer B66W310 Off White is GREENGUARD GOLD certified for low chemical emissions into indoor air during product usage. For more information, visit [ul.com/gg](http://ul.com/gg).

**System Tested:** (unless otherwise indicated)

Substrate: Steel

Surface Preparation: SSPC-SP10

1 ct. Pro Industrial Pro-Cryl Universal Primer

1 ct. Pro Industrial Acrylic

**Adhesion:**

Method: ASTM D4541

Result: 500 psi

**Moisture Condensation Resistance:**

Method: ASTM D4585, 100°F, 1250

hours

Result: Passes

**Corrosion Weathering:**

Method: ASTM D5894, 10 cycles,

3360 hours

Result: Passes

**Pencil Hardness:**

Method: ASTM D3363

Result: H

**Direct Impact Resistance:**

Method: ASTM D2794

Result: >140 in. lbs.

**Salt Fog Resistance:**

Method: ASTM B117, 1250 hours

Result: Passes

**Dry Heat Resistance\*:**

Method: ASTM D2485

Result: 200°F

Provides performance comparable to products formulated in Lieu of Federal Specification: AA50557 and Paint Specification: SSPC-Paint 23.

**Flexibility:**

Method: ASTM D522, 180° bend,

1/4" mandrel

Result: Passes

\*Suitable for intermittent dry heat resistance up to 300°F when used as a system with Sher-Cryl HPA

**PRO INDUSTRIAL™**  
**PRO-CRYL® UNIVERSAL PRIMER**



**SHERWIN-WILLIAMS.**

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

**Do not use hydrocarbon solvents for cleaning.**

**Iron & Steel** - Minimum surface preparation is Hand Tool Cleaning per SSPC-SP2. Remove all oil and grease from the surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Prime the area the same day as cleaned.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Previously Painted Surfaces** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**APPLICATION PROCEDURES**

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating below minimum recommended spreading rate will adversely affect coating performance.

**SAFETY PRECAUTIONS**

Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**PERFORMANCE TIPS**

No painting should be done immediately after a rain or during foggy weather.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. Apply coating evenly while maintaining a wet edge to prevent lapping.

**APPLICATION**

Refer to the SDS before using

**Temperature:** 40°F minimum  
120°F maximum  
(air, surface, and material)  
At least 5°F above dew point  
**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water

**Airless Spray**

Pressure ..... 2000 psi  
Hose ..... 1/4" ID  
Tip ..... .015" - .019"  
Filter ..... 60 mesh  
Reduction ..... Not recommended

**Conventional Spray**

Gun ..... Binks 95  
Fluid Nozzle ..... 66  
Air Nozzle ..... 63PB  
Atomization Pressure ..... 60 psi  
Fluid Pressure ..... 25 psi  
Reduction As needed up to 5% by volume

**Brush** ..... Nylon/Polyester  
Reduction ..... Not recommended

**Roller** ..... 3/8" woven  
Reduction As needed up to 5% by volume

If specific application equipment is listed above, equivalent equipment may be substituted.

**CLEANUP INFORMATION**

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 09/11/2015 B66W00310 32 96

KOR, FRC, SP

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit [www.paintdocs.com](http://www.paintdocs.com) to obtain the most current version of the PDS and/or an SDS.



# PRO

## INDUSTRIAL™

# 113.03

## ACRYLIC

**GREENGUARD**PRODUCT CERTIFIED FOR  
LOW CHEMICAL EMISSIONS  
UL.COM/EGG  
UL 2818**GOLD**B66-600 SERIES GLOSS  
B66-650 SERIES SEMI-GLOSS  
B66-660 SERIES EG-SHEL

| As of 03/21/2018, Complies with: |     |                    |     |
|----------------------------------|-----|--------------------|-----|
| OTC                              | Yes | LEED® 09 NC, CI    | Yes |
| OTC Phase II                     | Yes | LEED® 09 CS        | Yes |
| SCAQMD                           | Yes | LEED® V4 Emissions | Yes |
| CARB                             | Yes | LEED® V4 VOC       | Yes |
| CARB SCM 2007                    | Yes |                    |     |
| Canada                           | Yes | MPI                | Yes |

### CHARACTERISTICS

**Pro Industrial Acrylic** is an ambient cured, single component 100% acrylic coating. It is designed for interior and exterior industrial and commercial applications

- Chemical resistant
- Outstanding early moisture resistance
- Flash rust/early rust resistant
- Suitable for use in USDA inspected facilities

**Color:** most colors

**Recommended Spread Rate per coat:**

Wet mils: 6.0 - 12.0  
Dry mils: 2.1 - 4.2  
Coverage: 135 - 265 sq ft/gal

approximate

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Time @ 7.0 mils wet 50% RH:**

@ 50°F @ 77°F @ 120°F

To touch: 1 hr 30 min 5 min

Tack free & recoat:

8 hrs 5 hrs 15 min

Drying times are temperature, humidity, and film thickness dependent.

**Finish:** 70+@60° Gloss

40-50@60° Semi-Gloss

20-30@85° Eg-Shel

**Shelf Life:** 36 months, unopened

Store indoors at 40°F to 100°F.

**Tinting with CCE only:**

| Base            | oz/gal | Strength |
|-----------------|--------|----------|
| Extra White     | 0-4    | 100%     |
| Deep Base       | 8-12   | 100%     |
| Ultra-deep Base | 8-12   | 100%     |

**Extra White B66W00611**

(may vary by color)

**VOC (less exempt solvents):**

<50 g/L; <0.42 lb/gal

as per 40 CFR 59.406 and SOR/2009-264, s. 12

**Volume Solids:** 35 ± 2%

**Weight Solids:** 44 ± 2%

**Weight per Gallon:** 9.5 lb/gal ± 2%

**Flash Point:** N/A

### RECOMMENDED SYSTEMS

#### Steel\*:

2 cts. Pro Industrial Acrylic

#### Steel:

1 ct. Pro Industrial Pro-Cryl Primer

or DTM Acrylic Primer/Finish

or Kem Bond HS

or Zinc Clad Primer

1-2 cts. Pro Industrial Acrylic

#### Aluminum:

1-2 cts. Pro Industrial Acrylic

#### Aluminum:

1 ct. Pro Industrial Pro-Cryl Primer

1-2 cts. Pro Industrial Acrylic

#### Concrete Block:

1 ct. Loxon Acrylic Block Surfer

1-2 cts. Pro Industrial Acrylic

#### Concrete/Masonry:

1 ct. Loxon Concrete & Masonry Primer

1-2 cts. Pro Industrial Acrylic

#### Drywall

1 ct. ProMar 200 Zero VOC Primer

1-2 cts. Pro Industrial Acrylic

#### Galvanizing:

2 cts. Pro Industrial Acrylic

#### Prefinished Siding: (Baked-on finishes)

1 ct. DTM Bonding Primer

1-2 cts. Pro Industrial Acrylic

#### Wood, exterior:

1 ct. Exterior Wood Primer

1-2 cts. Pro Industrial Acrylic

#### Wood, interior:

1 ct. Premium Wall & Wood Primer

1-2 cts. Pro Industrial Acrylic

\*Application of coating on unprimed steel may cause pinpoint rusting. Safety Colors, Deep Base, and Ultra-deep colors require a prime coat for maximum durability, adhesion, and corrosion protection.

#### System Tested: (unless otherwise indicated)

Substrate: Steel

Surface Preparation: SSPC-SP10

Finish: 2 cts. Pro Industrial Acrylic, B66W00651, 6.2 DFT

#### Adhesion:

Method: ASTM D4541

Result: 1324 psi

#### Corrosion Weathering \*:

Method: ASTM D5894, 1500 hours, 5 cycles

Result: Rating 10, per ASTM D714 for blistering  
Rating 9.5 per ASTM D1654 for corrosion

#### Direct Impact Resistance:

Method: ASTM D2794

Result: >176 in. lb

#### Dry Heat Resistance:

Method: ASTM D2485

Result: 300°F

#### Flexibility:

Method: ASTM D522, 180° bend, 1/8" mandrel

Result: Passes

#### Humidity Resistance\*:

Method: ASTM D4585, 1480 hours

Result: Rating 10 per ASTM D714 for blistering  
Rating 10 per ASTM D1654 for corrosion

#### Pencil Hardness:

Method: ASTM D3363

Result: 3B

\*over Pro Industrial Pro-Cryl Primer

# PRO INDUSTRIAL™ ACRYLIC



SHERWIN-WILLIAMS.

## SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**Do not use hydrocarbon solvents for cleaning.**

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

**Concrete and Masonry** - For surface preparation, refer to SSPC-SP13/NACE 6 or ICR1 03732, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacers. The filler/surfacers must be thoroughly dry before topcoating per manufacturer's recommendations. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

**Previously Painted Surfaces** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

## APPLICATION PROCEDURES

Apply paint at the recommended film thickness and spreading rate as indicated on front page. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

## SAFETY PRECAUTIONS

Refer to the SDS sheets before use. **FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

## APPLICATION

Refer to the SDS before use.

**Temperature:** 50°F minimum  
120°F maximum  
(Air, surface, and material)  
At least 5°F above dew point

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer** Water

### **Airless Spray**

Pressure ..... 1500 psi  
Hose ..... 1/4" ID  
Tip ..... .017" - .021"  
Filter ..... 60 mesh  
Reduction ..... Not recommended

### **Conventional Spray**

Gun ..... Binks 95  
Fluid Nozzle ..... 66  
Air Nozzle ..... 63PB  
Atomization Pressure ..... 50 psi  
Fluid Pressure ..... 15-20 psi  
Reduction ..... As needed up to 12 1/2% by volume

**Brush** ..... Nylon / polyester  
**Reduction** ..... Not recommended  
**Roller** ..... 3/8" woven  
**Reduction** ..... Not recommended

If specific application equipment is listed above, equivalent equipment may be substituted.

## CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

HOTW 03/21/2018 B66W00611 17 00  
KOR, FRC, SP

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## Dover High School and CTC

### Change Order Log Summary

| Status                 | Cost             | Category Description                                                                                                 |
|------------------------|------------------|----------------------------------------------------------------------------------------------------------------------|
|                        | \$ 74,745,808.22 | Net Sum of Owner Change Orders Previously Approved                                                                   |
|                        |                  |                                                                                                                      |
| Status                 | Cost             | Category Description                                                                                                 |
|                        |                  |                                                                                                                      |
|                        |                  |                                                                                                                      |
| Status                 | Cost             | Category Description                                                                                                 |
| Pending JBC Approval   | \$ (1,014.00)    | CO has been reviewed by design and recommended for approval or reviewed in JBC CO Review Meetings.                   |
| Submitted              | \$ -             | CO has been submitted to design for review.                                                                          |
| Comments               | \$ -             | CO has been reviewed by design, CM addressing comments or providing more information.                                |
| Unsubmitted (Estimate) | \$ -             | CO to be submitted, work has not been completed or this is a potential cost with more information needed. (Estimate) |
| PC Not Pricing         | \$ 109,142.00    | PC not Performing Work (Estimate)                                                                                    |
|                        | \$ 108,128.00    |                                                                                                                      |



**CONSTRUCTION**

**Dover High School and CTC: Change Order Log**  
**Pending JBC**

| PCI No    | PCI Name                                      | Submitted Amount | Status      | BIC | Summary |
|-----------|-----------------------------------------------|------------------|-------------|-----|---------|
| 190425.10 | CTC & Main Entrance Paint Lintel Steel Credit | \$ (1,014.00)    | Pending JBC | JBC |         |

**-1,014.00**

**CONSTRUCTION**

**Dover High School and CTC: Change Order Log  
Unsubmitted (Incomplete)**

| PCI No.   | PCI Name                                     | Submitted Amount | Status                   | BIC    | Summary                                                           |
|-----------|----------------------------------------------|------------------|--------------------------|--------|-------------------------------------------------------------------|
| 190375.10 | PR-79 Fire Alarm Modificaitons (Shunt Trips) |                  | Unsubmitted (incomplete) | HMFH   |                                                                   |
| 190372.00 | PR-75 Abatement Credit                       |                  | Unsubmitted (incomplete) | PC     | PC to submit compliance log received from Envirovanatage on 10/17 |
| 190420.0  | Courtyard Door Power                         |                  | Unsubmitted (incomplete) | PC     |                                                                   |
| 190421.00 | Light Fixtures Credit                        |                  | Unsubmitted (incomplete) | PC/WIG |                                                                   |
| 190426.00 | Relocate Exhaust Reels at AutoTech           |                  | Unsubmitted (incomplete) | PC     |                                                                   |
| 190427.00 | Disconnect PA from Fire Alarm System         |                  | Unsubmitted (incomplete) | PC     | 11/26 - PC Directed to Perform Work                               |



CONSTRUCTION

11/26/2019

Dover High School and CTC: Change Order Log

PC Not Pricing

| PCI No.   | PCI Name                                                       | Estimated Cost | Issued Date | Submitted Amount | Status         | BIC | Summary                                                              |
|-----------|----------------------------------------------------------------|----------------|-------------|------------------|----------------|-----|----------------------------------------------------------------------|
| 190329.00 | PR-054 Wainscot at Welding                                     | 6,000.00       |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190332.00 | PR-056 Sink in Welding                                         | 10,000.00      |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190357.00 | PR-061 Washer/Dryer at Facilities                              | 4,000.00       |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190358.00 | PR-069 Clean Room Fume Hood                                    | 15,000.00      |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190363.00 | PR-74 Lights at Building Signs                                 | 2,500.00       |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190389.00 | PR-84 Fans in Barn                                             |                |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190390.00 | PR-85 AS 111 Door Closer                                       |                |             |                  | PC not pricing | HS  | Provided Quote Received from DS Specialties to Stephanie             |
| 190391.00 | PR-66 Room 033BC Fence Enclosure                               |                |             |                  | PC not pricing | HS  | PC will not price item                                               |
| 190347    | PR-064 Air Compressor                                          | \$ 16,642.00   |             |                  | PC not pricing | HS  | 9/12/2019 - Reviewed with Stephanie, work to be performed by others. |
| 190392.00 | PR-88 Vision Lights in ASB                                     |                |             |                  | PC not pricing | HS  | Provided Quote Received from DS Specialties to Stephanie             |
| 190284    | Revised Chilled Water Glycol Concentration                     | 15,000.00      | 9/27/2018   |                  | PC not pricing | HS  | 9/12/2019 - Reviewed with Stephanie, work to be performed by others. |
| 190410.00 | KEF 2&4 - Submittal 230000-290058-D Comments - Added Guardrail |                |             |                  | PC not pricing | HS  | 8/23 Stephanie stated Mike Brooks may be picking this item up.       |
|           | Dugout Revisions                                               | 40,000.00      |             |                  | PC not pricing | HS  | PC will not price item                                               |
|           | Fence at Bellamy                                               |                |             |                  | PC not pricing | HS  | PC will not price item                                               |
|           | Fence along Front Entry Retaining Wall                         |                |             |                  | PC not pricing | HS  | PC will not price item                                               |

108,128.00



