

GMP #2 AMENDMENT

# Northeast High School SMART Project Project Number P.001684

The School Board of Broward County  
Oakland Park, FL

April 14, 2018



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## Northeast High School SMART Project – GMP #2 Amendment

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**EXHIBIT A2**  
**TO CONSTRUCTION MANAGER AT RISK AGREEMENT**

**GMP #2 AMENDMENT**

THIS **GMP #2 Amendment**, made and entered into as of this 24th day of April 2018, ("GMP #2 Amendment") amends that certain Agreement between Owner, The School Board of Broward County, Florida and Construction Manager, Gilbane Building Company, made as of the 1st day of November 2016 for the following described project: Northeast Senior High School SMART Project, (the "**Project**").

WHEREAS, the Owner and the Construction Manager have agreed to amend the Agreement in the manner set forth herein.

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, in the Agreement and the other Contract Documents and for such other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Owner and the Construction Manager do hereby agree as follows:

1. This **GMP #2 Amendment** is executed in connection with, and is deemed to be a part of the Agreement and the Contract Documents. Wherever the terms of this GMP #2 Amendment and the terms of the Contract Documents are in conflict, the terms of this GMP #2 Amendment shall govern and control. The terms used herein, unless otherwise defined in this GMP #2 Amendment, shall have the meanings ascribed to them in the Contract Documents.
2. The following are hereby incorporated into the Contract Documents and made part thereof:
  - a. The drawings listed on **Attachment I** attached hereto, which drawings are made a part of the Contract Documents by this reference (the "Drawings"); and
  - b. The specifications listed on **Attachment II** attached hereto, which specifications are made a part of the Contract Documents by this reference (the "Specifications").
  - c. Those documents listed on **Attachment III**, Additional Contract Documents, attached hereto, are made a part of the Contract Documents by this reference.
3. The entire Scope of the Work for the Project is hereby incorporated into the work.
  - .1 The **Date of Commencement** for the Project shall be: **April 25, 2018**.  
The Construction Manager shall achieve Substantial Completion of the entire Work not later 855 calendar days from the Date of Commencement (the "Contract Time") and Final Completion not later than 90 calendar days from the Date of Substantial Completion. Failure to meet either the Substantial Completion or Final Completion dates shall be a material breach of the Agreement.

- .1 The Owner and the Construction Manager acknowledge and agree that the Owner will suffer damages if the Construction Manager fails to achieve Substantial Completion of the

entire Work, as defined in the Contract Documents, on or before the expiration of the Contract Time, which damages are difficult, if not impossible, to ascertain with any degree of certainty. Accordingly, if the Construction Manager fails to achieve Substantial Completion of the Work for this Project on or before the expiration of the Contract Time, liquidated damages (which are not intended as a penalty) shall be assessed against the Construction Manager in an amount of one thousand dollars (\$1,000.00) per calendar day.

- .2 To the extent that the Contract Documents include specific provisions for liquidated damages to be applied separately for any Phase, Building or other portion of the Work prior to the required completion date or within the Contract Time for the entire Project, such liquidated damages shall be assessed based on the required completion dates and construction time durations set forth in the approved schedule for each such separate portion of the Work.
- .3 The Guaranteed Maximum Price for GMP #1 Amendment (for the SPE Project) is Six hundred one thousand four hundred thirty six Dollars and Zero Cents (\$601,436.00). **The Guaranteed Maximum Price for GMP #2 Amendment for the Northeast High School SMART Project is Twenty six million five hundred fifty nine thousand seven hundred fifteen Dollars and Zero Cents (\$26,559,715.00)** The Project is hereby guaranteed by the Construction Manager not to exceed the combined sum of GMP #1 Amendment and GMP #2 Amendment equaling Twenty seven million one hundred sixty one thousand one hundred fifty one six Dollars and Zero Cents (\$27,161,151.00) (the "Project GMP"), based upon the entire Scope of Work for the Project as described in the Contract Documents, including, but not limited to, the Drawings and the Specifications, subject only to additions and deductions by Change Order or Construction Change Directive, as provided in the Contract Documents. The Project GMP is more particularly itemized in the Schedule of Values prepared in accordance with the terms of the Agreement, which Schedule of Values is attached hereto and made a part of the Contract Documents by this reference. Included in the Schedule of Values and specifically identified herein, the contingency included in this guaranteed maximum price is the amount of One million one hundred sixty two thousand six hundred three Dollars and Zero Cents (\$1,162,603.00).
- .4 Whether or not the Construction or Contract Documents enumerated in the Attachments to this GMP #2 Amendment have actually been completed to the level of 100% as defined by this Agreement, the Guaranteed Maximum Price includes all Work reasonably inferable from such Construction and Contract Documents, the documents referenced in section paragraph 1.4 of the Construction Manager At-Risk Agreement and all responses issued by the Design Consultant to CM's bidding inquiries and requests for information, as necessary to deliver a fully completed and finished working Project. To the extent there exists a conflict between the Construction



and Contract Documents and any of the other aforementioned referenced documents, the item of higher price, quantity or quality shall be included in the Guaranteed Maximum Price, without use of any Contingency.

- .5 Procedures and expenditures related to use of any Contingency and any Allowances included in this PROJECT GMP shall comply with CMAR Agreement Section 6.1.1, Specification Section 01250 respectively, and all provisions of such documents are incorporated into and made a part of this Contract.
- .6 Procedures and expenditures related to direct purchases of materials by the Owner for this Project shall comply with Specification Section 01295, and all provisions of such documents are incorporated into and made a part of this Contract.
- .7 The Construction Manager shall provide Commercial General Liability Insurance, Automobile Liability Insurance, Professional Liability Insurance and Worker's Compensation Insurance in compliance with the provisions of Article 9 of the CMAR Agreement and Article 29 of the General Conditions of the Contract for Construction, satisfactory to the Owner's Office of Risk Management.
- .8 By executing this GMP #2 Amendment, the Construction Manager acknowledges that it has ascertained all correct locations for points of connection for all utilities, if any, required for this Project; and has identified all clarifications and qualifications for this Project, if any.
- .9 The Construction Manager's on-site management and supervisory personnel for this Project are set forth on **Attachment IV**, attached hereto and made a part hereof by this reference.
- .10 To the extent that the Owner has authorized the Construction Manager, in writing, to perform a portion of the Work for this Project; with the Construction Manager's own forces, the salary and wage schedule for the Construction Manager's personnel performing such portion of the Work, agreed upon by the Owner and the Construction Manager, shall be as set forth on **Attachment IV**, attached hereto and made a part of the Contract Documents by this reference. The Construction Manager warrants and represents that the salary and wage schedule includes the lowest comparable market rates (including any and all benefits, contributions and insurance) charged by the Construction Manager for comparable contracts to other businesses and individuals for similar services, and that such rates are not higher than the standard paid at the place of this Project.
- .11 The Construction Schedule for this Project is set forth on **Attachment V**, attached hereto and made a part hereof by this reference. The final accepted schedule for construction as required in the Construction Manager At-Risk Agreement and included in this GMP #2 Amendment shall not be construed as the Detailed Initial or Baseline Schedule as set forth in the General Conditions of the Contract for Construction which schedule shall be prepared by the CM and separately submitted for review and approval after approval of the GMP #2 Amendment by the Owner, as set forth in the General Conditions of the Contract for Construction.

.12 Except as expressly provided herein above, all of the terms, conditions, covenants, agreements and understandings contained in the Contract Documents shall remain unchanged and in full force and effect, and the same are hereby expressly ratified and confirmed by the Owner and the Construction Manager.

.13 This Amendment may be executed in several counterparts, each of which shall be deemed an original but not all of which shall constitute one and the same instrument.

.14 Delete all text in Article 3.4.1 of CMAR Agreement and replace with “Not Used”.

.15 Revise Article 3.4.3 of CMAR Agreement as follows:

3.4.3 Upon receipt of 100% Construction Documents from the Project Consultant, Owner approval of the latest Statement of Probable Construction Cost, and Owner approval to bid, the Construction Manager shall prepare and issue the bid packages to cover the scope of the Work for this contract.

.16 Add Article 6.1.4 to the CMAR Agreement as follows:

6.1.4 In addition to the Cost of Work and construction contingency, the GMP may include one or more allowance to be used for work items that are identified, but not quantifiable at the time of GMP submission. The Construction Manager must request and receive prior written approval by the Owner, through an Allowance Expenditure Proposal (“AEP”), to use funds contained in each allowance prior to expenditure of funds. The use of any allowance is subject to the unanimous approval of the AEP by the Chief Facilities Officer, Director of Construction, Owner’s Representative, and Project Cost Consultant, prior to disbursement to Construction Manager.

IN WITNESS, WHEREOF, the parties have affixed their signatures, effective on the date first written above.

(Corporate Seal)

THE SCHOOL BOARD OF  
BROWARD COUNTY, FLORIDA

ATTEST:

by: \_\_\_\_\_  
Nora Rupert, Chair

\_\_\_\_\_  
Robert W. Runcie, Superintendent of Schools

Approved as to Form and Legal Content:

  
\_\_\_\_\_  
Office of the General Counsel

FOR CONSTRUCTION MANAGER,



[GILBANE BUILDING COMPANY]

By 

Printed Name: Robert S. Hayes

Title: Sr. Vice President

\_\_\_\_\_  
, Secretary

-or-

  
Witness

  
Witness

**Northeast High School SMART Project – GMP #2 Amendment**  
**Gilbane Job No. J07393.200**  
**3/13/2018**

**100% CDs Submittal for Permit Drawing Log**

<b>DRAWING</b>	<b>DESCRIPTION</b>	<b>DATE SUBMITTAL PERMIT SET 12/18/2017</b>
GN-000	COVER SHEET	12/18/2017
GN-001	SHEET INDEX	12/18/2017
GN-002	GENERAL NOTES	12/18/2017
GN-400	ADULT ADA DETAILS	12/18/2017
C-01	CIVIL FIRE LINE PLAN	12/18/2017
C-02	CIVIL FIRE LINE PLAN	12/18/2017
C-03	DETAILS AND SPECIFICATIONS	12/18/2017
C-04	DETAILS AND SPECIFICATIONS	12/18/2017
FLS01-001	BUILDING 1 LIFE SAFETY PLANS	12/18/2017
FLS01-002	BUILDINGS 3, 4 AND 5 LIFE SAFETY PLANS	12/18/2017
FLS01-003	BUILDINGS 6, 7, 8, AND 9 LIFE SAFETY PLANS	12/18/2017
FLS01-004	BUILDINGS 10, 11 AND 12	12/18/2017
FLS01-005	BUILDINGS 17 AND 25	12/18/2017
A-100	DEFICIENCY CAMPUS SITE PLAN	12/18/2017
A-101	CAMPUS SITE PLAN	12/18/2017
A01-101	BUILDING #1 – PARTIAL FLOOR PLAN (WEST)	12/18/2017
A01-102	BUILDING #1 – PARTIAL FLOOR PLAN (CENTER)	12/18/2017
A01-103	BUILDING #1 – PARTIAL FLOOR PLAN (EAST)	12/18/2017
A01-111	BUILDING #1 – DEMO PARTIAL ROOF PLAN (WEST)	12/18/2017
A01-112	BUILDING #1 – DEMO PARTIAL ROOF PLAN (CENTER)	12/18/2017
A01-113	BUILDING #1 – DEMO PARTIAL ROOF PLAN (EAST)	12/18/2017
A01-114	BUILDING #1 – PARTIAL ROOF PLAN (WEST)	12/18/2017
A01-115	BUILDING #1 – PARTIAL ROOF PLAN (CENTER)	12/18/2017
A01-116	BUILDING #1 – PARTIAL ROOF PLAN (EAST)	12/18/2017
A01-121	BUILDING #1 – REFLECTED CEILING PLAN (WEST)	12/18/2017
A01-122	BUILDING #1 – REFLECTED CEILING PLAN (CENTER)	12/18/2017
A01-123	BUILDING #1 – REFLECTED CEILING PLAN (EAST)	12/18/2017
A01-400	BUILDING #1 – RESTROOM PLUMBING FIXTURES COUNT	12/18/2017
A01-401	BUILDING #1 – ADA RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017
A01-402	BUILDING #1 – ADA RESTROOM RENOVATION	12/18/2017
A01-403	BUILDING #1 – ADA RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017
A01-404	BUILDING #1 – ADA RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017
A01-405	BUILDING #1 – ADA RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017



ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

A01-411	BUILDING #1 – LIFE SCIENCE STEM LAB – ENLARGED PLAN #153	12/18/2017
A01-412	BUILDING #1 – LIFE SCIENCE STEM LAB – ENLARGED PLAN #142	12/18/2017
A01-413	BUILDING #1 – LIFE SCIENCE STEM LAB – ENLARGED DEMO PLAN #146	12/18/2017
A01-414	BUILDING #1 – LIFE SCIENCE STEM LAB – ENLARGED PLAN #146	12/18/2017
A02-101	BUILDING #2 – REROOFING – FLOOR PLAN AND DEMO ROOF PLAN & ROOF PLAN	12/18/2017
A03-101	BUILDING #3 – FLOOR PLAN (WEST)	12/18/2017
A03-102	BUILDING #3 – FLOOR PLAN (EAST)	12/18/2017
A03-121	BUILDING #3 – RCP PLAN (WEST)	12/18/2017
A03-122	BUILDING #3 – RCP PLAN (EAST)	12/18/2017
A03-131	BUILDING #3 – REROOFING – DEMO ROOF PLAN (WEST)	12/18/2017
A03-132	BUILDING #3 – REROOFING – DEMO ROOF PLAN (EAST)	12/18/2017
A03-133	BUILDING #3 – REROOFING – ROOF PLAN (WEST)	12/18/2017
A03-134	BUILDING #3 – REROOFING – ROOF PLAN (EAST)	12/18/2017
A03-401	BUILDING #3 – ADA RESTROOM RENOVATION	12/18/2017
A03-402	BUILDING #3 – ADA RESTROOM RENOVATION	12/18/2017
A03-411	BUILDING #3 – ENLARGED PLANS – STEM LABS #193	12/18/2017
A03-412	BUILDING #3 – ENLARGED DEMO PLAN – STEM LAB #194	12/18/2017
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A04-111	BUILDING #4 – REROOFING – DEMO ROOF PLAN	12/18/2017
A04-112	BUILDING #4 – REROOFING – ROOF PLAN	12/18/2017
A04-121	BUILDING #4 – RCP	12/18/2017
A05-101	BUILDING #5 – FLOOR PLAN	12/18/2017
A05-111	BUILDING #5 – REROOFING – DEMO ROOF PLAN	12/18/2017
A05-112	BUILDING #5 – REROOFING – ROOF PLAN	12/18/2017
A05-121	BUILDING #5 – RCP	12/18/2017
A06-101	BUILDING #6 – FLOOR PLANS	12/18/2017
A06-111	BUILDING #6 – REROOFING – DEMO ROOF PLAN	12/18/2017
A06-112	BUILDING #6 – REROOFING – ROOF PLAN	12/18/2017
A07-101	BUILDING #7 – WINDOW REPLACEMENT – FLOOR PLAN	12/18/2017
A07-111	BUILDING #7 – REROOFING – DEMO ROOF PLAN	12/18/2017
A07-112	BUILDING #7 – REROOFING – ROOF PLAN	12/18/2017
A07-121	BUILDING #7 – RCP	12/18/2017
A08-101	BUILDING #8 – FLOOR PLAN & REFLECTED CEILING PLAN	12/18/2017
A08-111	BUILDING #8 – REROOFING – DEMO ROOF PLAN	12/18/2017
A08-112	BUILDING #8 – REROOFING – ROOF PLAN	12/18/2017
A09-101	BUILDING #9 – FLOOR PLAN	12/18/2017
A09-111	BUILDING #9 – DEMO REROOFING – ROOF PLAN	12/18/2017
A09-112	BUILDING #9 – REROOFING – ROOF PLAN	12/18/2017
A10-101	BUILDING #10 – FLOOR PLAN (SOUTH)	12/18/2017
A10-102	BUILDING #10 – FLOOR PLAN (NORTH)	12/18/2017
A10-111	BUILDING #10 – DEMO ROOF PLAN (SOUTH)	12/18/2017
A10-112	BUILDING #10 – DEMO ROOF PLAN (NORTH)	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

A10-113	BUILDING #10 – ROOF PLAN (SOUTH)	12/18/2017
A10-114	BUILDING #10 – ROOF PLAN (NORTH)	12/18/2017
A10-121	BUILDING #10 – RCP (SOUTH)	12/18/2017
A10-122	BUILDING #10 – RCP (NORTH)	12/18/2017
A10-400	BUILDINGS # 10 & 11 – PLUMBING FIXTURE CALCULATION	12/18/2017
A10-401	BUILDING #10 – ADA RESTROOM RENOVATION – RESTROOM ENLARGED PLAN & INTERIOR ELEVATIONS	12/18/2017
A10-402	BUILDING #10 – ADA RESROOM RENOVATION – RESTROOM ENLARGED PLAN & INTERIOR ELEVATIONS	12/18/2017
A11-101	BUILDING #11 – FLOOR PLAN	12/18/2017
A11-111	BUILDING #11 – DEMO ROOF PLAN	12/18/2017
A11-112	BUILDING #11 – ROOF PLAN	12/18/2017
A11-121	BUILDING #11 – RCP	12/18/2017
A11-401	BUILDING #11 – ADA RESTROOM ENLARGED PLAN & INTERIOR ELEVATIONS	12/18/2017
A11-402	BUILDING #11 – ADA RESTROOM ENLARGED RCP	12/18/2017
A11-403	BUILDING #11 – ADA RESTROOM ENLARGED PLAN & INTERIOR ELEVATIONS	12/18/2017
A11-404	BUILDING #11 – ADA RESTROOM ENLARGED RCP	12/18/2017
A12-101	BUILDING #12 – FLOOR PLAN	12/18/2017
A12-111	BUILDING #12 – DEMO ROOF PLAN	12/18/2017
A12-112	BUILDING #12 – REROOFING – ROOF PLAN	12/18/2017
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A12-401	BUILDING #12 – ADA RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017
A12-402	BUILDING #13 – RESTROOM RENOVATION – ENLARGED PLAN	12/18/2017
A12-411	BUILDING #12 – ENLARGED PLAN	12/18/2017
A15-101	BUILDING #15 – FLOOR PLAN & ROOF PLAN	12/18/2017
A17-101	BUILDING #17 – FLOOR PLAN	12/18/2017
A17-111	BUILDING #17 – ROOF PLAN	12/18/2017
A17-121	BUILDING #17 – RCP	12/18/2017
A18-101	BUILDING #18 AND #20 – FLOOR PLAN, ROOF PLAN	12/18/2017
A25-111	BUILDING #25 – ROOF PLAN	12/18/2017
A27-101	BUILDING #27 – REROOFING – FLOOR PLAN, ROOF PLAN	12/18/2017
A28-101	BUILDING #28 – FLOOR PLAN	12/18/2017
A85-101	BUILDING #85 – FLOOR PLAN	12/18/2017
A85-102	BUILDING #85 – ROOF PLAN	12/18/2017
A86-101	BUILDING #86 – FLOOR PLAN AND ROOF PLAN	12/18/2017
A-500	FINISH SCHEDULE	12/18/2017
A-501	GENERAL DETAIL	12/18/2017
A-601	DOOR SCHEDULES	12/18/2017
A-701	PARTITION TYPES	12/18/2017
A-801	ROOF DETAILS	12/18/2017
A-802	ROOF DETAILS	12/18/2017
A-803	ROOF DETAILS	12/18/2017
A-804	ROOF DETAILS	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

A-805	ROOF DETAILS	12/18/2017
S00-001	STRUCTURAL NOTES	12/18/2017
S00-201	BUILDING #02 – SECTION & DETAILS	12/18/2017
S00-202	BUILDING #02 – SECTION & DETAILS	12/18/2017
S00-203	SECTION & DETAILS wqws	12/18/2017
S01-101	BLDG #01 – PARTIAL ROOF PLAN	12/18/2017
S01-102	BLDG #01 – PARTIAL ROOF PLAN	12/18/2017
S01-103	BLDG #01 – PARTIAL ROOF PLAN	12/18/2017
S01-104	BLDG #01 – WIND PRESSURE DIAGRAM	12/18/2017
S.02-101	BUILDING #2 – ROOF PLAN	12/18/2017
S.03-101	BUILDING #3 – ROOF PLAN	12/18/2017
S.04-101	BUILDING #4 – ROOF PLAN	12/18/2017
S.05-101	BUILDING #5 – ROOF PLAN	12/18/2017
S.06-101	BUILDING #6 – ROOF PLAN	12/18/2017
S.07-101	BUILDING #7 – ROOF PLAN	12/18/2017
S.08-101	BUILDING #8 – ROOF PLAN	12/18/2017
S.09-101	BUILDING #9 – ROOF PLAN	12/18/2017
S.10-101	BUILDING #10 – ROOF PLAN	12/18/2017
S.11-101	BUILDING #11 – ROOF PLAN	12/18/2017
S.12-101	BUILDING #12 – ROOF PLAN	12/18/2017
S.15-101	BUILDING #15 – ROOF PLAN	12/18/2017
S.17-101	BLDG #17 – ROOF PLAN	12/18/2017
S.18-101	BLDG #18 – ROOF PLAN	12/18/2017
S.25-101	BUILDING #25 – ROOF PLAN	12/18/2017
S.27-101	BUILDING #27 – ROOF PLAN	12/18/2017
S.85-101	BUILDING #85 – ROOF PLAN	12/18/2017
S.86-101	BUILDING #86 – ROOF PLAN	12/18/2017
M-000	HVAC SCOPE OF WORK	12/18/2017
M-001	HVAC GENERAL NOTES, LEGEND AND SCHEDULE	12/18/2017
M-002	HVAC GENERAL NOTES, LEGEND AND SCHEDULE	12/18/2017
M-003	HVAC GENERAL NOTES, LEGEND AND SCHEDULE	12/18/2017
M-004	HVAC SCHEDULES	12/18/2017
M-100	HVAC SITE PLAN	12/18/2017
MD01-202.1	BUILDING #1 – HVAC PARTIAL ROOF PLAN (WEST SIDE)	12/18/2017
MD01-202.2	BUILDING #1 – HVAC PARTIAL ROOF PLAN (MIDDLE SIDE)	12/18/2017
MD01-202.3	BUILDING #1 – HVAC PARTIAL ROOF PLAN (EAST SIDE)	12/18/2017
MD01-301	BUILDING #1 – HVAC DEMOLITION ENLARGED PLANS	12/18/2017
M01-201.1	BUILDING #1 – HVAC PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
M01-201.2	BUILDING #1 – HVAC PARTIAL FLOOR PLAN (MIDDLE SIDE)	12/18/2017
M01-201.3	BUILDING #1 – HVAC PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
M01-202.1	BUILDING #1 – HVAC PARTIAL ROOF PLAN (WEST SIDE)	12/18/2017
M01-202.2	BUILDING #1 – HVAC PARTIAL ROOF PLAN (MIDDLE SIDE)	12/18/2017
M01-202.3	BUILDING #1 – HVAC PARTIAL ROOF PLAN (EAST SIDE)	12/18/2017
M01-301	BUILDING #1 – HVAC ENLARGED PLANS	12/18/2017
M01-302	BUILDING #1 – HVAC ENLARGED PLANS – RESTROOMS	12/18/2017
MD02-201	BUILDING #2 – HVAC DEMOLITION FLOOR PLAN	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

M02-201	BUILDING #2 – HVAC FLOOR PLAN	12/18/2017
M02-202	BUILDING #2 – HVAC ROOF PLANS	12/18/2017
MD03-201-2	BUILDING #3 – HVAC DEMOLITION PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
MD03-202-1	BUILDING #3 – HVAC ROOF PARTIAL PLAN (WEST SIDE)	12/18/2017
MD03-202-2	BUILDING #3 – HVAC ROOF PARTIAL PLAN (EAST SIDE)	12/18/2017
M03-201-1	BUILDING #3 – HVAC PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
M03-201-2	BUILDING #3 – HVAC PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
M03-202-1	BUILDING #3 – HVAC ROOF PARTIAL PLAN (WEST SIDE)	12/18/2017
M03-202-2	BUILDING #3 – HVAC ROOF PARTIAL PLAN (EAST SIDE)	12/18/2017
M03-301	BUILDING #3 – HVAC ENLARGED PLANS – RESTROOMS	12/18/2017
MD04-201	BUILDING #4 – HVAC DEMOLITION FLOOR PLANS	12/18/2017
MD04-202	BUILDING #4 – HVAC ROOF PLAN	12/18/2017
M04-201	BUILDING #4 – HVAC FLOOR PLANS	12/18/2017
M04-202	BUILDING #4 – HVAC ROOF PLAN	12/18/2017
M04-301	BUILDING #4 – HVAC DEMOLITION ENLARGED PLANS	12/18/2017
M04-302	BUILDING #4 – HVAC ENLARGED PLANS	12/18/2017
MD05-201	BUILDING #5 – HVAC DEMOLITION FLOOR PLAN	12/18/2017
MD05-202	BUILDING #5 – HVAC ROOF PLAN	12/18/2017
M05-201	BUILDING #5 – HVAC FLOOR PLAN	12/18/2017
M05-202	BUILDING #5 – HVAC FLOOR PLAN	12/18/2017
MD06-201	BUILDING #6 – HVAC DEMOLITION FLOOR PLANS	12/18/2017
M06-201	BUILDING #6 – HVAC FLOOR PLANS	12/18/2017
M07-201	BUILDING #7 – HVAC FLOOR PLANS	12/18/2017
M07-202	BUILDING #7 – HVAC ROOF PLAN	12/18/2017
M08-201	BUILDING #8 – HVAC FLOOR PLANS	12/18/2017
M08-202	BUILDING #8 – HVAC ROOF PLAN	12/18/2017
ME08-201	BUILDING #8 – HVAC FLOOR PLANS	12/18/2017
M09-201	BUILDING #9 – HVAC FLOOR PLANS	12/18/2017
M09-202	BUILDING #9 – HVAC ROOF PLANS	12/18/2017
MD10-202.1	BUILDING #4 – HVAC ROOF PLAN (SOUTH SIDE)	12/18/2017
MD10-202.2	BUILDING #4 – HVAC ROOF PLAN (NORTH SIDE)	12/18/2017
M10-201.1	BUILDING #10 – HVAC FLOOR PLAN – GROUND FLOOR (SOUTH SIDE)	12/18/2017
M10-201.2	BUILDING #10 – HVAC FLOOR PLAN – GROUND FLOOR (NORTH SIDE)	12/18/2017
M10-202.1	BUILDING #10 – HVAC ROOF PLAN (SOUTH SIDE)	12/18/2017
M10-202.2	BUILDING #10 – HVAC ROOF PLAN (NORTH SIDE)	12/18/2017
M10-301	BUILDING #10 – HVAC ENLARGED PLANS – RESTROOMS	12/18/2017
M10-302	BUILDING #10 HVAC ENLARGED PLANS	12/18/2017
MD11-201	BUILDING #11 HVAC DEMOLITION FLOOR PLAN GROUND LEVEL	12/18/2017
MD11-202	BUILDING #11 – HVAC DEMOLITION ROOF PLAN	12/18/2017
M11-201	BUILDING #11 – HVAC FLOOR PLAN – GROUND LEVEL	12/18/2017
M11-202	BUILDING #11 – HVAC ROOF PLAN	12/18/2017
M11-301	BUILDING #11 – HVAC ENLARGED PLANS – RESTROOMS	12/18/2017
M11-302	BUILDING #10 HVAC ENLARGED PLANS ENLARGED PLANS	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

MD12-201	BUILDING #12 – HVAC DEMOLITION FLOOR PLAN	12/18/2017
MD12-202	BUILDING #12 – HVAC ROOF PLAN	12/18/2017
M12-201	BUILDING #12 – HVAC FLOOR PLAN	12/18/2017
M12-202	BUILDING #12 – HVAC ROOF PLAN	12/18/2017
M12-301	BUILDING #12 – HVAC ENLARGED PLANS – RESTROOMS	12/18/2017
M15-201	BUILDING #15 – HVAC FLOOR PLAN	12/18/2017
MD17-201	BUILDING #17 – HVAC DEMOLITION FLOOR PLAN	12/18/2017
M17-201	BUILDING #17 - HVAC FLOOR PLAN	12/18/2017
M17-301	BUILDING #17 – HVAC ENLARGED PLANS	12/18/2017
M20-201	BUILDING #20 – HVAC FLOOR PLANS	12/18/2017
M85-201	BUILDING #85 – HVAC FLOOR PLANS	12/18/2017
M86-201	BUILDING #86 – HVAC FLOOR PLANS	12/18/2017
M-301	HVAC SCHEMATIC DIAGRAM	12/18/2017
M-501	HVAC CONTROLS	12/18/2017
M-502	HVAC CONTROLS	12/18/2017
M-503	HVAC CONTROLS	12/18/2017
M-601	HVAC DETAILS	12/18/2017
M-602	HVAC DETAILS	12/18/2017
M-603	HVAC DETAILS	12/18/2017
M-604	HVAC DETAILS	12/18/2017
M-605	HVAC DETAILS	12/18/2017
E-001	ELECTRICAL GENERAL NOTES	12/18/2017
E-002	ELECTRICAL LEGEND AND SCHEDULE	12/18/2017
E-100	ELECTRICAL SITE PLAN	12/18/2017
E-401	PARTIAL ELECTRICAL RISERS DIAGRAM	12/18/2017
E-402	PARTIAL ELECTRICAL RISERS DIAGRAM	12/18/2017
E-403	PARTIAL ELECTRICAL RISERS DIAGRAM	12/18/2017
E-404	PARTIAL ELECTRICAL RISERS DIAGRAM	12/18/2017
E-501	ELECTRICAL PANELS	12/18/2017
E-502	ELECTRICAL PANELS	12/18/2017
E-503	ELECTRICAL PANELS	12/18/2017
E-504	ELECTRICAL PANELS	12/18/2017
E-505	ELECTRICAL PANELS	12/18/2017
E-506	ELECTRICAL PANELS	12/18/2017
E-507	ELECTRICAL PANELS	12/18/2017
E-508	ELECTRICAL PANELS	12/18/2017
E-509	ELECTRICAL PANELS	12/18/2017
E-510	ELECTRICAL PANELS	12/18/2017
E-511	ELECTRICAL PANELS	12/18/2017
E-512	ELECTRICAL PANELS	12/18/2017
E-513	ELECTRICAL PANELS	12/18/2017
E-601	ELECTRICAL DETAILS	12/18/2017
E-602	ELECTRICAL DETAILS	12/18/2017
E-603	ELECTRICAL DETAILS	12/18/2017
E01-101.1	BUILDING #1 – ELECTRICAL PARTIAL LIGHTING PLAN (WEST SIDE)	12/18/2017
E01-101.2	BUILDING #1 – ELECTRICAL PARTIAL LIGHTING PLAN (MIDDLE SIDE)	12/18/2017



ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

E01-101.3	BUILDING #1 – ELECTRICAL PARTIAL LIGHTING PLAN (EAST SIDE)	12/18/2017
E01-201.1	BUILDING #1 – ELECTRICAL PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
E01-201.2	BUILDING #1 – ELECTRICAL PARTIAL FLOOR PLAN (MIDDLE SIDE)	12/18/2017
E01-201.3	ELECTRICAL PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
E01-202.1	BUILDING #1 – ELECTRICAL PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
E01-202.2	BUILDING #1 – ELECTRICAL PARTIAL FLOOR PLAN (MIDDLE SIDE)	12/18/2017
E01-202.3	BUILDING #1 – ELECTRICAL PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
E01-301	BUILDING #1 ELECTRICAL ENLARGED PLANS	12/18/2017
E01-302	BUILDING #1 ELECTRICAL ENLARGED PLANS RESTROOMS	12/18/2017
E01-303	BUILDING #1 ELECTRICAL ENLARGED PLANS	12/18/2017
E01-304	BUILDING #1 – ELECTRICAL ENLARGED PLANS	12/18/2017
E01-305	BUILDING #1 – LIGHTING ENLARGED PLANS	12/18/2017
E02-201	BUILDING #2 – ELECTRICAL FLOOR PLANS	12/18/2017
E02-301	BUILDING #2 ELECTRICAL ENLARGED PLAN	12/18/2017
E03-201-1	BUILDING #3 – ELECTRICAL PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
E03-201-2	BUILDING #3 – ELECTRICAL PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
E03-202-1	BUILDING #3 – ELECTRICAL ROOF PARTIAL PLAN (WEST SIDE)	12/18/2017
E03-202-2	BUILDING #3 – ELECTRICAL ROOF PARTIAL PLAN (EAST SIDE)	12/18/2017
E03-301	BUILDING #3 ELECTRICAL ENLARGED PLANS – RESTROOMS	12/18/2017
E03-302	BUILDING #3 ELECTRICAL ENLARGED PLANS	12/18/2017
E03-303	BUILDING #3 ELECTRICAL ENLARGED PLANS	12/18/2017
E03-304	BUILDING #3 LIGHTING ENLARGED PLANS	12/18/2017
E03-305	BUILDING #3 LIGHTING ENLARGED PLANS	12/18/2017
E03-306	BUILDING #3 EMERGENCY MODE PHOTOMETRIC PLANS – STEM LABS	12/18/2017
E03-307	BUILDING #3 NORMAL MODE PHOTOMETRIC PLANS – STEM LABS	12/18/2017
E03-308	BUILDING #3 EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
E04-201	BUILDING #4 – ELECTRICAL FLOOR PLANS	12/18/2017
E04-301	BUILDING #4 ELECTRICAL ENLARGED PLAN	12/18/2017
E04-302	BUILDING #4 ELECTRICAL ENLARGED PLANS	12/18/2017
E05-201	BUILDING #5 – ELECTRICAL FLOOR PLAN	12/18/2017
E05-202	BUILDING #5 – ELECTRICAL ROOF PLAN	12/18/2017
E06-201	BUILDING #6 – ELECTRICAL FLOOR PLANS	12/18/2017
E07-201	BUILDING #7 – ELECTRICAL FLOOR PLANS	12/18/2017
E08-101	BUILDING #8 – ELECTRICAL LIGHTING PLAN	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

E08-201	BUILDING #8 – ELECTRICAL FLOOR PLAN	12/18/2017
E08-202	BUILDING #8 – ELECTRICAL ROOF PLAN	12/18/2017
E09-101	BUILDING #9 – ELECTRICAL LIGHTING PLANS	12/18/2017
E09-102	BUILDING #9 ELECTRICAL LIGHTING PLAN	12/18/2017
E09-201	BUILDING #9 – ELECTRICAL FLOOR PLANS	12/18/2017
E09-202	BUILDING #9 – ELECTRICAL ENLARGED PLANS	12/18/2017
E10-101.1	BUILDING #10 – ELECTRICAL LIGHTING PLAN (SOUTH SIDE)	12/18/2017
E10-101.2	BUILDING #10 – ELECTRICAL LIGHTING PLAN (NORTH SIDE)	12/18/2017
E10-201.1	BUILDING #10 – ELECTRICAL FLOOR PLAN – GROUND FLOOR (SOUTH SIDE)	12/18/2017
E10-201.2	BUILDING #10 – ELECTRICAL FLOOR PLAN – GROUND FLOOR (NORTH SIDE)	12/18/2017
E10-202.1	BUILDING #10 ELECTRICAL ROOF PLAN (SOUTH SIDE)	12/18/2017
E10-202.2	BUILDING #10 ELECTRICAL ROOF PLAN (NORTH SIDE)	12/18/2017
E10-301	BUILDING #10 ELECTRICAL ENLARGED PLANS RESTROOMS	12/18/2017
E10-302	BUILDING #10 ELECTRICAL ENLARGED PLANS	12/18/2017
E10-303	BUILDING #10 – EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
E11-101	BUILDING #11 ELECTRICAL LIGHTING PLAN GROUND LEVEL	12/18/2017
E11-201	BUILDING #11 – ELECTRICAL FLOOR PLAN – GROUND LEVEL	12/18/2017
E11-202	BUILDING #11 – ELECTRICAL ROOF PLAN	12/18/2017
E11-301	BUILDING #11 ELECTRICAL ENLARGED PLANS RESTROOMS	12/18/2017
E11-302	BUILDING #11 ELECTRICAL ENLARGED PLANS	12/18/2017
E11-303	BUILDING #11 EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
E11-304	BUILDING #11 EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
ED12-201	BUILDING #12 ELECTRICAL DEMOLITION FLOOR PLAN	12/18/2017
E12-201	BUILDING #12 – ELECTRICAL FLOOR PLAN	12/18/2017
E12-202	BUILDING #12 – ELECTRICAL ROOF PLAN	12/18/2017
E12-301	BUILDING #12 - ELECTRICAL ENLARGED PLANS RESTROOMS	12/18/2017
E12-302	BUILDING #12 – LIGHTING ENLARGED PLANS	12/18/2017
E12-303	BUILDING #12 – EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
E12-304	BUILDING #12 – EMERGENCY AND NORMAL MODE PHOTOMETRIC PLANS	12/18/2017
E15-201	BUILDING #15 – ELECTRICAL FLOOR PLANS	12/18/2017
E17-201	BUILDING #17 – ELECTRICAL FLOOR PLAN	12/18/2017
E20-201	BUILDING #20 – ELECTRICAL FLOOR PLANS	12/18/2017
E85-201	BUILDING #85 – ELECTRICAL FLOOR PLAN	12/18/2017
E86-201	BUILDING #86 – ELECTRICAL FLOOR PLANS	12/18/2017
P-001	PLUMBING GENERAL NOTES, LEGEND, SCHEDULES, AND	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

	DETAILS	
P-100	PLUMBING SITE PLAN	12/18/2017
P01-201	BUILDING #1 – PLUMBING FLOOR PLAN	12/18/2017
P01-202	BUILDING #1 – PLUMBING ROOF PLAN	12/18/2017
P01-301	BUILDING #1 – PLUMBING ENLARGED PLAN	12/18/2017
P01-302	BUILDING #1 – PLUMBING ENLARGED PLAN	12/18/2017
P01-303	BUILDING #1 – PLUMBING ENLARGED PLANS	12/18/2017
P01-401	BUILDING #1 – PLUMBING ISOMETRICS	12/18/2017
P02-201	BUILDING #2 – PLUMBING ROOF PLAN	12/18/2017
P03-201	BUILDING #3 – PLUMBING FLOOR PLAN	12/18/2017
P03-202	BUILDING #3 – PLUMBING ROOF PLAN	12/18/2017
P03-301	BUILDING #3 – PLUMBING ENLARGED PLANS	12/18/2017
P03-302	BUILDING #3 – PLUMBING ENLARGED PLANS	12/18/2017
P03-303	BUILDING #3 – PLUMBING ENLARGED PLANS	12/18/2017
P03-401	BUILDING #3 – PLUMBING ISOMETRICS	12/18/2017
P03-402	BUILDING #3 – PLUMBING ISOMETRICS	12/18/2017
P04-201	BUILDING #4 – PLUMBING FLOOR PLANS	12/18/2017
P04-202	BUILDING #4 – PLUMBING ROOF PLAN	12/18/2017
P05-202	BUILDING #5 – PLUMBING ROOF PLAN	12/18/2017
P06-201	BUILDING #6 – PLUMBING FLOOR PLANS	12/18/2017
P06-202	BUILDING #6 – PLUMBING ROOF PLAN	12/18/2017
P07-201	BUILDING #7 – PLUMBING FLOOR PLANS	12/18/2017
P08-202	BUILDING #8 – PLUMBING ROOF PLAN	12/18/2017
P09-201	BUILDING #9 – PLUMBING FLOOR PLANS	12/18/2017
P10-201	BUILDING #10 – PLUMBING FLOOR PLAN – GROUND LEVEL	12/18/2017
P10-202	BUILDING #10 – PLUMBING ROOF PLAN	12/18/2017
P10-301	BUILDING #10 – PLUMBING ENLARGED PLANS	12/18/2017
P10-401	BUILDING #10 – PLUMBING ISOMETRICS	12/18/2017
P11-201	BUILDING #11 – PLUMBING FLOOR PLAN – GROUND LEVEL	12/18/2017
P11-202	BUILDING #11 – PLUMBING ROOF PLAN	12/18/2017
P11-301	BUILDING #11 – PLUMBING ENLARGED PLANS	12/18/2017
P11-401	BUILDING #11 – PLUMBING ISOMETRICS	12/18/2017
P12-201	BUILDING #12 – PLUMBING FLOOR PLAN	12/18/2017
P12-202	BUILDING #12 – PLUMBING ROOF PLAN	12/18/2017
P12-301	BUILDING #12 – PLUMBING ENLARGED PLANS	12/18/2017
P15-201	BUILDING #15 – PLUMBING FLOOR PLAN	12/18/2017
P17-201	BUILDING #17 – PLUMBING FLOOR PLAN	12/18/2017
P18-201	BUILDING #18 – PLUMBING ROOF PLANS	12/18/2017
P20-201	BUILDING #20 – PLUMBING FLOOR PLANS	12/18/2017
P25-202	BUILDING #25 – PLUMBING ROOF PLAN	12/18/2017
P27-201	BUILDING #27 – PLUMBING FLOOR PLANS	12/18/2017
P85-202	BUILDING #85 – PLUMBING ROOF PLAN	12/18/2017
P86-201	BUILDING #86 – PLUMBING FLOOR PLANS	12/18/2017
F-001	FIRE PROTECTION GENERAL NOTES, LEGEND, SCHEDULES AND DETAILS	12/18/2017
F-100	FIRE PROTECTION SITE PLAN	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

F01-201.1	BUILDING #1 – FIRE PROTECTION PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
F01-201.2	BUILDING #1 – FIRE PROTECTION PARTIAL FLOOR PLAN (MIDDLE SIDE) AND DETAILS	12/18/2017
F01-201.3	BUILDING #1 – FIRE PROTECTION PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
F03-201-1	BUILDING #3 – FIRE PROTECTION PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
F03-201-2	BUILDING #3 – FIRE PROTECTION PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
F04-201	BUILDING #4 – FIRE PROTECTION FLOOR PLANS	12/18/2017
F05-201	BUILDING #5 – FIRE PROTECTION FLOOR PLAN	12/18/2017
F10-201.1	BUILDING #10 – FIRE PROTECTION FLOOR PLAN – GROUND FLOOR (SOUTH SIDE)	12/18/2017
F10-201.2	BUILDING #10 – FIRE PROTECTION FLOOR PLAN – GROUND FLOOR (NORTH SIDE)	12/18/2017
FA-100	FIRE ALARM SYSTEM SITE PLAN	12/18/2017
FA-501	FIRE ALARM RISERS	12/18/2017
FA-502	FIRE ALARM RISERS	12/18/2017
FA01-201.1	BUILDING #1 FIRE ALARM PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
FA01-201.2	BUILDING #1 FIRE ALARM PARTIAL FLOOR PLAN (MIDDLE SIDE)	12/18/2017
FA01-201.3	BUILDING #1 FIRE ALARM PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
FA02-201	BUILDING #2 FIRE ALARM FLOOR PLANS	12/18/2017
FA03-201-1	BUILDING #3 FIRE ALARM PARTIAL FLOOR PLAN (WEST SIDE)	12/18/2017
FA03-201-2	BUILDING #3 FIRE ALARM PARTIAL FLOOR PLAN (EAST SIDE)	12/18/2017
FA04-201	BUILDING #4 FIRE ALARM FLOOR PLANS	12/18/2017
FA05-201	BUILDING #5 FIRE ALARM FLOOR PLAN	12/18/2017
FA06-201	BUILDING #6 FIRE ALARM FLOOR PLANS	12/18/2017
FA07-201	BUILDING #7 FIRE ALARM FLOOR PLANS	12/18/2017
FA08-201	BUILDING #8 FIRE ALARM FLOOR PLAN	12/18/2017
F09-201	BUILDING #9 FIRE ALARM FLOOR PLANS	12/18/2017
FA10-201.1	BUILDING #10 FIRE ALARM FLOOR PLAN – GROUND FLOOR (SOUTH SIDE)	12/18/2017
FA10-201.2	BUILDING #10 FIRE ALARM FLOOR PLAN – GROUND FLOOR (NORTH SIDE)	12/18/2017
FA11-201	BUILDING #11 FIRE ALARM FLOOR PLAN GROUND LEVEL	12/18/2017
FA12-201	BUILDING #12 FIRE ALARM FLOOR PLAN	12/18/2017
FA15-201	BUILDING #15 FIRE ALARM FLOOR PLANS	12/18/2017
FA17-201	BUILDING #17 FIRE ALARM FLOOR PLAN	12/18/2017
FA18-201	BUILDING #18 FIRE ALARM FLOOR PLANS	12/18/2017
FA20- 201	BUILDING #20 FIRE ALARM FLOOR PLANS	12/18/2017
FA25-201	BUILDING #25 FIRE ALARM FLOOR PLAN	12/18/2017
FA27-201	BUILDING #27 FIRE ALARM FLOOR PLANS	12/18/2017
FA85-201	BUILDING #85 FIRE ALARM FLOOR PLAN	12/18/2017

ATTACHMENT I - CONTRACT DOCUMENTS – THE DRAWINGS

FA86-201	BUILDING #86 FIRE ALARM FLOOR PLANS	12/18/2017
T-001	TECHNOLOGY LEGEND AND NOTES	12/18/2017
T01-201	BUILDING #1 TECHNOLOGY FLOOR PLAN	12/18/2017
T01-301	BUILDING #1 TECHNOLOGY ENLARGED PLANS	12/18/2017
T03-201	BUILDING #3 TECHNOLOGY FLOOR PLAN	12/18/2017
T03-301	BUILDING #3 TECHNOLOGY ENLARGED PLANS	12/18/2017
T03-302	BUILDING #3 TECHNOLOGY ENLARGED PLANS	12/18/2017
T-401	TECHNOLOGY DETAILS	12/18/2017





Northeast High School SMART Project – GMP #2 Amendment  
 Gilbane Job No. J07393.200  
 3/13/2018

**100% CDs Submittal for Permit Specification Log**

SECTION	DESCRIPTION	DATE SUBMITTAL PERMIT SET 12/18/2017
00000	Title Page	12/18/2017
00002	Project Directory	12/18/2017
00006	Professionals Seal	12/18/2017
00010	Project Manual Index	12/18/2017
00015	List of Drawings	12/18/2017
01010	Summary of Work	12/18/2017
01230	Alternates	12/18/2017
01250	Contract Modification Procedures	12/18/2017
01250a	Proposal Request	12/18/2017
01250b	Change Order Request (Proposal)	12/18/2017
01250c	Proposal Worksheet Detail (Spec Missing)	NIC
01250d	Proposal Worksheet Summary	12/18/2017
01250e	Construction Change Directive	12/18/2017
01250f	Project Consultant's Supplemental Instructions	12/18/2017
01250g	Construction Change Order Form	12/18/2017
01250h	Contingency Use Directive (Spec Missing)	NIC
01270	Unit Prices	12/18/2017
01290	Payment Procedures	12/18/2017
01290a	Application for Payment	12/18/2017
01295	Direct Owner Purchasing Program	12/18/2017
	SBBC Order Form	12/18/2017
01295b	Vendor Request Form	12/18/2017
01295c	Invoice Summary	12/18/2017
01310	Project Management and Coordination	12/18/2017
01310a	Contractor's Request for Information	12/18/2017
01310b	Transmittal	12/18/2017
01320	Construction Progress Documentation	12/18/2017
01320a	Weekly Progress Report	12/18/2017
01320b	Periodic Observation Report	12/18/2017
01320c	Non-Conforming Work Notice	12/18/2017
01321	Construction Schedule Critical Path Method (CPM)	12/18/2017
01330	Submittal Procedures	12/18/2017
01330a	Submittal Form	12/18/2017
01340	Shop Drawings, Product Data, and Samples	12/18/2017
01350	Special Procedures	12/18/2017
01352	LEED for Schools Requirements	12/18/2017
01354	Construction Indoor Air Quality	12/18/2017



ATTACHMENT II - CONTRACT DOCUMENTS - THE SPECIFICATIONS

	Management	
01410	Regulatory Requirements	12/18/2017
01420	References	12/18/2017
01430	Quality Assurance	12/18/2017
01450	Quality Control	12/18/2017
01510	Temporary Utilities	12/18/2017
01520	Construction Facilities	12/18/2017
01530	Temporary Construction	12/18/2017
01540	Construction Aids	12/18/2017
01550	Vehicular Access and Parking	12/18/2017
01560	Temporary Barriers and Enclosures	12/18/2017
01570	Temporary Controls	12/18/2017
01572	Construction Waste Management	12/18/2017
01580	Project Identification	12/18/2017
01610	Basic Product Requirements	12/18/2017
01620	Product Options	12/18/2017
01630	Product Substitution Procedures	12/18/2017
01630a	Contractor's Substitution Request	12/18/2017
01663	Product Delivery, Storage and Handling Requirements	12/18/2017
01700	Contract Closeout	12/18/2017
01710	Examination	12/18/2017
01720	Preparation	12/18/2017
01730	Execution	12/18/2017
01735	Operation and Maintenance Data	12/18/2017
01740	Cleaning	12/18/2017
01745	Warranties	12/18/2017
01750	Starting and Adjusting	12/18/2017
01760	Protection of Installed Construction	12/18/2017
01770	Closeout Procedures	12/18/2017
01770a	Contractor's Request for Substantial Completion Inspection	12/18/2017
01770b	Project Consultant's Notification of Readiness for Substantial Completion Inspection	12/18/2017
01770c	SF 727: Substantial Completion Inspection	12/18/2017
01770d	Substantial Completion Inspection	12/18/2017
01770e	Project Consultant's Letter Establishing Substantial Completion Date	12/18/2017
01770f	Contractor's Request for Final Completion Inspection	12/18/2017
01770g	Project Consultant's Notification of Readiness for Final Completion Inspection	12/18/2017
01770h	Project Consultant's Letter Establishing Final Completion Date	12/18/2017
01780	Closeout Submittals	12/18/2017
01810	Commissioning	12/18/2017
01820	Demonstration and Training	12/18/2017
01820a	Contractor's Demonstration and Training Attendance Log	12/18/2017
01830	Operation and Maintenance	12/18/2017

ATTACHMENT II - CONTRACT DOCUMENTS - THE SPECIFICATIONS

01890	Reconstruction	12/18/2017
01900	Facility Decommissioning	12/18/2017
02070	Minor Demolition for Remodeling	12/18/2017
02110	Site Clearing	12/18/2017
02200	Earthwork	12/18/2017
02280	Soil Treatment	12/18/2017
02586	Exterior Electrical Work Underground	12/18/2017
02730	Sanitary Sewerage	12/18/2017
02811	Landscape Irrigation (Spec Missing)	NIC
02830	Chain Link Fencing and Gates	12/18/2017
02890	Traffic Signs and Signalization	12/18/2017
02931	Sodding	12/18/2017
02950	Trees, Plants and Groundcovers	12/18/2017
03100	Concrete Formwork	12/18/2017
03200	Concrete Reinforcement	12/18/2017
03300	Cast-In-Place Concrete	12/18/2017
03520	Lightweight Insulating Concrete	12/18/2017
03700	Concrete Repair	12/18/2017
04200	Unit Masonry	12/18/2017
04205	Masonry Pier Foundations	12/18/2017
04230	Reinforced Unit Masonry	12/18/2017
04530	Masonry Patchwork	12/18/2017
05120	Structural Steel	12/18/2017
05310	Steel Deck	12/18/2017
05400	Cold Formed Metal Framing	12/18/2017
05500	Metal Fabrications	12/18/2017
06100	Carpentry	12/18/2017
06300	Wood Treatment	12/18/2017
06400	Architectural Woodwork	12/18/2017
07132	Vapor-Protective Waterproofing	12/18/2017
07190	Vapor Barrier	12/18/2017
07210	Building Insulation	12/18/2017
07220	Roof Insulation	12/18/2017
07551	Modified Bitumen Roofing – Torch Applied	12/18/2017
07600	Flashing and Sheet Metal	12/18/2017
07631	Gutters and Downspouts	12/18/2017
07716	Roof Expansion Joints	12/18/2017
07722	Roof Scuttles and Automatic Fire Vents	12/18/2017
07724	Prefabricated Curbs	12/18/2017
07920	Joint Sealants	12/18/2017
08110	Steel Doors and Frames	12/18/2017
08333	Overhead Coiling Doors	12/18/2017
08400	Entrances and Storefronts	12/18/2017
08520	Aluminum Windows	12/18/2017
08710	Door Hardware	12/18/2017
08800	Glass and Glazing	12/18/2017
09125	Plaster Ceiling Suspension System	12/18/2017
09220	Portland Cement Plaster (Stucco)	12/18/2017
09250	Gypsum Board	12/18/2017
09310	Ceramic Tile	12/18/2017
09510	Acoustical Ceilings	12/18/2017
09650	Resilient Tile Flooring	12/18/2017

ATTACHMENT II - CONTRACT DOCUMENTS - THE SPECIFICATIONS

09683	Carpet Tile	12/18/2017
09900	Painting	12/18/2017
09951	Resinous Flooring	12/18/2017
10165	Plastic Toilet Partitions	12/18/2017
10200	Louvers and Vents	12/18/2017
10400	Identifying Devices	12/18/2017
10532	Aluminum Walkway Covers	12/18/2017
10810	Toilet Accessories	12/18/2017
11480	Athletic and Recreational Equipment	12/18/2017
12490	Window Treatments	12/18/2017
13845	Fire Alarm System	12/18/2017
15050	Basic Materials and Methods	12/18/2017
15052	Variable Frequency Drives	12/18/2017
15055	Motors	12/18/2017
15060	Hangers and Supports	12/18/2017
15070	Mechanical Sound and Vibration Control	12/18/2017
15075	Mechanical Identification	12/18/2017
15078	Field Painting of Mechanical Systems	12/18/2017
15083	Duct Insulation	12/18/2017
15089	Piping Insulation	12/18/2017
15100	Valves	12/18/2017
15105	Plumbing Piping	12/18/2017
15182	HVAC Pumps	12/18/2017
15183	Hydronic Piping	12/18/2017
15184	Refrigeration DX Piping and Specialties	12/18/2017
15188	Hydronic Specialties	12/18/2017
15220	Chemical Treatment System	12/18/2017
15300	Fire Protection System	12/18/2017
15410	Plumbing Fixtures	12/18/2017
15430	Plumbing Specialties	12/18/2017
15480	Domestic Water Heaters	12/18/2017
15620	Packaged Water Cooled Chiller	12/18/2017
15720	Air Handling Units	12/18/2017
15724	DX Air Handling Unit with Hot Gas Reheat	12/18/2017
15725	Split System DX Air Conditioning Unit	12/18/2017
15730	Packaged Rooftop DX Air Conditioning Unit with Hot Gas Reheat	12/18/2017
15738	Self -Contained Packaged Classroom DX Air Condensing Unit	12/18/2017
15768	Fan Coil Unit	12/18/2017
15788	Refrigeration System Safety Equipment	12/18/2017
15810	Metal Ducts	12/18/2017
15825	Electric Duct Heater	12/18/2017
15830	Fans	12/18/2017
15845	Air Terminal Unit	12/18/2017
15850	Air Outlets and Inlets	12/18/2017
15900	HVAC Instrumentation and Controls	12/18/2017
15940	Sequence of Operation	12/18/2017
15995	Startup and Certification of Air, Water and Control Systems	12/18/2017
16010	General Provisions	12/18/2017

ATTACHMENT II - CONTRACT DOCUMENTS - THE SPECIFICATIONS

16020	Completion of Work	12/18/2017
16050	Basic Materials and Methods	12/18/2017
16053	Provisions for Interior Finishing	12/18/2017
16060	Grounding	12/18/2017
16070	Equipment Bases, Mats and Supports	12/18/2017
16072	Electrical Supporting Devices	12/18/2017
16080	Electrical Inspection and Testing	12/18/2017
16085	Cables, Splices and Terminations Testing	12/18/2017
16088	Acceptance Tests and Performance Verification	12/18/2017
16090	Alterations and Additions to Existing Work	12/18/2017
16120	Wires and Cables	12/18/2017
16129	Terminal Lugs	12/18/2017
16130	Raceways and Boxes	12/18/2017
16132	Conduit, Fittings and Supports	12/18/2017
16134	Auxiliary Terminal Panels	12/18/2017
16137	Pull and Junction Boxes	12/18/2017
16138	Outlet Boxes	12/18/2017
16140	Wiring Devices	12/18/2017
16220	Motor Starters	12/18/2017
16225	Motors and Motor Controls	12/18/2017
16410	Circuit Breakers	12/18/2017
16413	Safety Switches	12/18/2017
16415	Surge Protection	12/18/2017
16430	Low Voltage Switchgear	12/18/2017
16440	Panelboards	12/18/2017
16460	Energy Efficient Dry Type Transformers	12/18/2017
16490	Fuses	12/18/2017
16510	Interior Luminaires	12/18/2017
16520	Exterior Luminaires	12/18/2017
16724	Sound and Intercom/Master Clock	12/18/2017
16726	Telephone Raceway System	12/18/2017
16910	Electric System Controls	12/18/2017
16912	Mechanical System Controls	12/18/2017
17000	Voice Data and Video Structured Cabling Systems	12/18/2017



Clarifications and Assumptions

## INCLUDED AS PART OF ATTACHMENT III ADDITIONAL CONTRACT DOCUMENTS

### Northeast High School SMART Project - GMP #2 Amendment

Guaranteed Maximum Price Estimate

April 13, 2018

Contract Provisions

1. Preamble: It is understood and agreed by all Parties that the CM established its GMP #2 prior to the issuance of a permit to accommodate the design schedule and facilitate the CM's purchasing of the subcontracts and materials; As a result, the Owner and CM agree that the following assumptions and clarifications are for the benefit of the Project, and that GMP #2 Amendment ,shall control and govern as follows:
2. The Owner and CM acknowledge and agree that because the GMP was established before issuance of the permit, the CM may be entitled to a Change Order to the extent the CM is impacted from the discovery of any condition or issue not reasonably visible at the time of this GMP #2 Amendment or resulting from requirements added during the Permit review, which could not have been reasonably anticipated.
3. Pursuant to Article 3.3.9 of the Agreement, and subject to architect's response and resolution to the comments of the Building Department dated 2/1/18, Heery's Review Comments, Gilbane Constructability report dated 11/17/17, Outstanding RFIs, Gilbane IDC Final Compiled Report No.1-112217 (1-190), the CM, without assuming the Project Consultant's responsibilities, hereby attests and confirms that that the plans and specifications (Attachments I and II) are consistent, practical, feasible and constructible and that the work described in the plans and specifications for the various bidding packages is constructible within the scheduled construction time.
4. The CM shall proceed with obtaining bids and to award subcontractors and purchase orders with the consent of the Owner's Representative prior to the Letter of Intent to Permit.
5. Notwithstanding any other term or provision in the Contract Documents, the Owner shall permit the CM to commence certain work such as mobilize, purchasing, procurement after issuance of the Notice to Proceed, but prior to the issuance of the Letter of Intent to Permit.
6. The date for Substantial Completion shall not be less than 855 days after Board Approval of GMP #2 Amendment and Notice to Proceed (for mobilization).

### ATTACHMENT III- ADDITIONAL CONTRACT DOCUMENTS

7. The Intent to Permit, together with the construction documents associated with the Intent to Permit, and Notice to Proceed (For the entire Construction Phase) shall be issued by Owner to the CM on or before April 30, 2018. If such documents have not been issued to the CM by such date, the CM shall prepare and transmit a Time Impact Analysis to the Owner which may show the need to accelerate and/or entitle the CM to an extension of time and the right to file for additional compensation through a request for potential cost adjustment, which shall be considered by the Owner. Potential cost adjustment may include labor, material, and/or general condition items.
8. Due to the GMP #2 being established before the issuance of a permit, as set forth above, the Owner and CM agree that certain GMP amounts are based on Allowances. If the actual Cost for Allowance item(s) is less than the Allowance Amount(s) set forth in this GMP Amendment, then the Allowance Amount(s) shall be amended and reduced equal to the actual Costs of the Allowance Item, with unused funds being returned to the Project Contingency. If the CM estimates that an Allowance item shall be exceeded, then the CM shall request and must receive approval from the Owner for additional funding to be transferred from Project Contingency. Actual cost of an Allowance item shall be limited to labor, materials, equipment, subcontractor costs, bonds and insurance, and GC Fee associated with the specific Allowance item.
9. The contract agreement, General Conditions Article 44 indicates the basis of the Right to Audit Provisions. Per CMAR Agreement Article 7.1.3, the General Conditions are included as a lump sum cost in the GMP. As with all lump sums it is anticipated that some line items in the originally proposed budget will be exceeded while others result in a savings. The intended result is that there is a balanced budget within the line items.
10. Pursuant of the extended design duration Gilbane has incurred in Additional Preconstruction Services that are included as part of the General Conditions of this GMP
11. It is assumed that all furnishings and owner equipment will be relocated out of the construction and/or staging area by the owner prior to construction start within each Phase.
12. It is assumed that Construction Manager (CM) and Trade Contractors shall be able to utilize part of the existing campus for delivery of materials, staging of materials, and storage of materials as necessary to complete the construction work as referenced in the Site Logistics plan, which is included as part of Attachment III – Additional Contract Documents of this GMP Amendment. These areas will not be available for use by the public, including any students, staff, and/or parents.
13. It is anticipated the project will operate during normal construction business hours from Monday through Friday 7am to 4pm and that access will be provided by school staff. The CM reserves the right to perform work off-hours as required to achieve the project milestones in coordination with school staff at no additional cost to the Owner.
14. It is intended that the CM and Trade Contractors shall utilize current onsite electrical and water service for the completion of the Project as a cost saving measure to the District for the entire project duration. The CM is including temporary power for the installation of one office trailer for onsite staff.

ATTACHMENT III- ADDITIONAL CONTRACT DOCUMENTS

15. One general project permit for Gilbane Building Company is included as part of this GMP and the roofing sub-permit as part of the trade contractor.
16. Bonds and Insurance shall be paid based on actual cost and may be invoiced on the first application for Payment following payment of premiums by CM.
17. The GMP is utilizing CDI/Subguard for all of the trade contractors in lieu of subcontractor Payment and Performance Bonds. By acceptance of this Clarification, the Owner is accepting these costs as required per article 24.13 of the General Conditions. CDI/Subguard is separate from the Payment and Performance Bond that the Construction Manager will provide to the Owner as per Article 29 of the CMAR Agreement.
18. In accordance with the agreement at 3.4.2 and at Exhibit C, we attach our list of subcontractors and their MWBE participation percentage and value. The MWBE participation extends from subcontractors to sub-subcontractors and sub-material suppliers. The calculated total percentage participation is the amount of participation divided by the subtotal of costs of work, CM Fee, Contingency, and General Conditions. Owner Direct Purchase orders deducted from the trade contracts are an accounting function and will not reduce the calculated percentage of MBWE participation contracts.
19. Items not incorporated into this GMP Amendment (not required, or by others)
  - a. Asbestos and/or any other hazardous materials abatement- by owner, except in roofing applications as indicated in below clarifications.
  - b. RFIs and responses not incorporated into the contract drawings and specifications.
  - c. Any use of or cost for licenses by eBuilder or any other document control software not included in these clarifications.
    - i. FF&E: Section 01710 - remove, store and protect furniture as instructed by the project consultant. (All existing FF&E shall be removed by owner prior to construction start within each Phase) Including all existing flammable materials
  - d. Independent testing, material testing, threshold inspections, special inspections and monitoring
  - e. As-Built drawings are included as Red-Line documents. Costs associated to develop CAD or Revit type As-Built drawings are by Owner. If Signed and Sealed As-Built drawings will be required on this project the cost associated with the implementation of the As-Built drawings is not included.
  - f. Partnering Sessions, Groundbreaking ceremony, Owner and Project Consultant's Office per Section 01520.

## ATTACHMENT III- ADDITIONAL CONTRACT DOCUMENTS

The following items represent further clarifications that have been included in the Guaranteed Maximum Price:

### Division 1:

1. Section 01810 Commissioning applies only as to new equipment, not existing equipment and becomes effective per Phase of construction completion.
2. Warranties to become effective upon issuance of Building Department's Certificate of Completion for each phase.
3. Fee not to be reduced if Cost of Work is reduced via Direct Purchase Order by Owner.

### BID PACKAGES:

#### 02A: Selective Demolition

1. All items scheduled for demolition become the property of the construction manager or contractor. If owner wishes to retain ownership of any materials or equipment, owner shall notify the construction manager prior to demolition and shall be responsible to remove from site.

#### 07B: Roofing

1. Only non-hazardous, non-friable roofing components are included as part of the roofing demolition.
2. The GMP was developed with the following considerations:
  - a. Tectum roof decking is assumed to be structurally adequate for the roof assembly
  - b. The roof deck types are in accordance with structural drawings
  - c. The roof decks are structurally adequate to support the load of the lightweight concrete as designed on architectural drawings-up to 20". (Sheet S00-001, Note 3 under Lightweight Insulating concrete states: "FOR REROOFING WHERE THE EXISTING LIGHTWEIGHT CONCRETE IS NOT BEING REMOVED, THE MAXIMUM ADDED DEPTH OF LIGHTWEIGHT ROOFING SYSTEM IS 12").
3. Galvanized ARBS blocking system included as specified in lieu of drawing details 4/A801
4. 5,300 SF Tectum deck replacement is included.
5. Separate roof permits or roofing phased permitting is allowed by the Building Department and considered as part of this GMP.
6. Once roofing plans are refined, the CM agrees to rebid the roofing portion of the work.

#### Division 11 Equipment

1. Equipment listed as "OP/GCI" is assumed to mean "Owner Provided/General Contractor Installed, meaning "Owner Provided/CMAR Installed".

#### 21A: Fire Protection

1. GMP includes use of CPVC pipe branch lines option in accordance with specifications. Metal option was not selected

ATTACHMENT III- ADDITIONAL CONTRACT DOCUMENTS

22A: Plumbing

1. All gas piping, tanks, enclosures, meters, etc. as required from the meter upstream. Owner to provide LP gas tank.

26A Electrical, Fire Alarm, Telecommunications

1. Fire alarm installation included on a building by building basis. New fire alarm system to be run and operate parallel with existing system. Existing system to be de-commissioned as new system comes online per Phase, pending SBBC Fire Chief approval.

The following is a list of Items not incorporated into this GMP Amendment (not required, or by others)

Several details on the CDs have no applicability to the project.

Division 5:

1. Specification Section 15300 1.5, L: Structural verification of existing buildings to support the load of new systems such as fire protection as this is the responsibility of the Design Consultant

Division 11:

1. Equipment shown on sheets A01-411, A01-412, A01-414. These are FFE for the STEM Labs.

Division 22 Plumbing:

1. LP tank or meters. (Owner to contract with gas company vendors)

Division 23 HVAC and Controls:

1. New fume hoods or fume hood exhaust. Per drawing numbers A-100 Legend note 33 and A12-101 note 13, but not applicable
2. Laptop for graphics for mechanical controls. Per spec section 15900, 2.4, B.
3. Interface of existing building network master controller The existing equipment will interface with existing building network master controller **by SBBC** per detail "Campus Network Control Schematics" M-502 and experience from controls contractor
4. NOA for existing equipment being reinstalled per key note 1 on Demolition Plans. For example Sheet MD01-202.01 :

# Northeast High School SMART Project - GMP#2 Amendment

## Breakdown of Costs



4.13.2018

Bid Package Description	Gilbane GMP Amount	Subcontractor/ Vendors Carried Within GMP	W/MBE %	W/MBE Amount
02A - Selective Demolition	\$890,978	D. Stephenson	100.0%	\$890,978
05A - Misc. Metals	\$843,698	Steel Fabricators,L.L.C.	0.0%	\$0
07B - Roofing	\$8,036,166	Advance Roofing Inc. Concrete Solutions Group, LLC TrinTec CGR Construction Company, Inc.	25.0%	\$2,009,042
08A - Doors, Frames and Hardware	\$55,984	JJAS Door Installations, Inc.	100.0%	\$55,984
08B - Overhead Coiling Doors	\$8,250	Overhead Door Company of Treasure Coast	0.0%	\$0
08C - Glass & Glazing	\$27,442	Solatrol	0.0%	\$0
09B - Framing, Drywall, Insulation and ACT	\$1,762,600	Applegate Interiors, Inc.	100.0%	\$1,762,600
09C - Flooring	\$166,505	ProFloors, LLC	0.0%	\$0
09E - Painting	\$65,352	Jasper Enterprises, Inc	100.0%	\$65,352
10A - Division 10 Specialties	\$56,451	Rolling Oak	0.0%	\$0
21A - Fire Sprinkler	\$947,871	Sprinkler Matic	0.0%	\$0
22A - Plumbing	\$652,014	Farmer & Irwin, Corp	0.0%	\$0
23A - HVAC and Controls	\$2,810,424	Coltec Engineering, Inc.	100.0%	\$2,810,424
26A - Electrical, Fire Alarm and Telecommunications	\$1,928,327	Universal Electric of Florida, Inc.	0.0%	\$0
<b>Cost of Work Subtotal</b>	<b>\$18,252,063</b>		<b>41.61%</b>	<b>\$7,594,380</b>
CM Fee	\$912,603		0.0%	\$0
Construction Contingency	\$1,162,603		16.1%	\$146,884
CM General Conditions	\$3,451,324		0.0%	\$0
			12.6%	\$433,818
<b>SUBTOTAL</b>	<b>\$23,778,593</b>		<b>34.4%</b>	<b>\$8,175,082</b>
Allowances	\$2,145,450		0.0%	\$0
CDI	\$237,277		0.0%	\$0
P & P Bond	\$168,654		0.0%	\$0
General Liability Insurance	\$229,742		0.0%	\$0
<b>Total GMP Amount</b>	<b>\$26,559,715</b>		<b>30.78%</b>	<b>\$8,175,082</b>

## Northeast High School SMART Project - GMP#2 Amendment

### Allowances Log

4.13.2018

Bid Package Description	Allowances Amount
03A - Concrete & Masonry Allowance	\$57,850
05A - Misc. Metals Allowance	\$50,000
06B - Lab Casework / Arch. Millwork Allowance	\$15,000
07B - Roofing Allowance	\$42,500
09A - Stucco Allowance	\$438,600
09B - Framing, Drywall, Insulation and ACT Allowance	\$462,000
09C - Flooring Allowance	\$68,000
09E - Painting Allowance	\$100,000
11B - Food Service Allowance	\$30,000
21A - Fire Sprinkler Allowance	\$101,500
22A - Plumbing	\$100,000
23A - HVAC and Controls Allowance	\$150,000
26A - Electrical, Fire Alarm and Telecommunications Allowance	\$500,000
Building 12 Repairs Allowance	\$30,000
<b>Total Allowance SubTotal</b>	<b>\$2,145,450</b>





Gilbane Building Company  
 661 University Boulevard  
 Suite 107  
 Jupiter FL 33458  
 (561) 691-0060

**Northeast High School SMART PROJECT GMP #2 Amendmen**  
 Oakland Park, FL

Owner: The School Board of Broward County  
 A/E: ACAI

**PROPOSAL SUMMARY**

**10/01/16 thru 8/30/20**

GENERAL CONDITIONS		3,451,324
CONSTRUCTON PHASE PERSONNEL	2,186,544	
FIELD OFFICE SUPPORT COST	569,990	
GENERAL REQUIREMENTS	694,790	



Northeast High School SMART PROJECT GMP #2 Amendment  
Oakland Park, FL

Proposed Construction Phase Personnel & Expense

	2018												2019												2020												Total	Total Hours	Avg Hr. Rate	Proposed Cost
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec				
	41	36	40	76	83	76	79	41	36	41	40	38	626	41	36	38	40	41	36	41	40	38	41	38	40	470	41	36	40	40	38	40	41	38	40	20	19	392	1,488	161,925
SPE																																								
Construction	72	79	151	166	151	158	166	144	166	158	151	158	1,562	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,721	5,162	505,861
Closeout	144	158	151	166	151	158	166	144	166	158	151	158	1,714	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,721	5,314	314,454
Estimating Procurement																																								
Field Personnel	151	166	151	158	166	144	166	158	151	166	151	158	1,411	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,570	4,860	494,333
On Site Project Executive-Roby DeReuil	41	36	40	76	83	76	79	41	36	41	40	38	626	41	36	38	40	41	36	41	40	38	41	38	40	470	41	36	40	40	38	40	41	38	40	20	19	392	1,488	161,925
On Site Project Manager-Pablo Burgos	72	79	151	166	151	158	166	144	166	158	151	158	1,562	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,721	5,162	505,861
On Site Project Engineer-Ashley Eustis	144	158	151	166	151	158	166	144	166	158	151	158	1,714	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,721	5,314	314,454
On Site General Superintendent-Richard Willis																																								
On Site Area Superintendent(DS)	151	166	151	158	166	144	166	158	151	166	151	158	1,411	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,570	4,860	494,333
On Site Area Superintendent(DS)	151	166	151	158	166	144	166	158	151	166	151	158	1,411	166	144	151	158	166	144	166	158	151	166	151	158	1,879	166	144	158	158	151	158	166	151	158	158	151	1,570	4,860	494,333
On Site Project Manager 1- Rey Aranda	72	79	76	83	76								385																								385	71.85	27,661	
Preconstruction Manager On Site (Ted Cava)	32	32	32	32	32								176	8	8	8	8	8	8	8	8	8	8	8	32	8	8	8	8	8	8	8	8	8	8	8	16	224	154,711	
On Site Safety Manager (John Rawlings)	16	8	8	8	8	8	8	8	8	8	8	8	88	8	8	8	8	8	8	8	8	8	8	8	96	8	8	8	8	8	8	8	8	8	8	8	64	248	20,844	
On Site Quality Manager (brook Tienert)	16	8	8	8	8	8	8	8	8	8	8	8	80	8	8	8	8	8	8	8	8	8	8	8	96	8	8	8	8	8	8	8	8	8	8	8	64	240	14,760	
On Site Scheduling Manager	16	8	8	8	8	8	8	8	8	8	8	8	80	8	8	8	8	8	8	8	8	8	8	8	96	8	8	8	8	8	8	8	8	8	8	8	64	240	34,795	
Estimating Department (David Rowe)	80	80											160																								160	160	17,028	
Division Purchasing Agent (Sherri Puffenberger)	25	25	25										75																								75	75	127,281	
Purchasing Manager (Chris Beck)	50	50	50										150																								150	150	43,861	
On Site Project Accountant (Candace Peterson)	53	50	55	50	53	55	48	55	53	50	53	50	523	55	48	50	53	55	48	55	53	50	55	50	53	626	55	48	53	53	50	53	55	50	53	53	50	573	1,722	94,903
Sr. Project Executive (Mike Bird)	8	8	8	8	8	8	8	8	8	8	8	8	72	8	8	8	8	8	8	8	8	8	8	8	96	8	8	8	8	8	8	8	8	8	8	8	64	232	34,515	

8,513	9,028	7,621	25,162	2,209,617
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Gilbane Building Company  
661 University Boulevard  
Suite 107  
Jupiter FL 33458  
(561) 691-0060

**Northeast High School SMART PROJECT GMP #2**

**Amendment**

Oakland Park, FL

Owner: The School Board of Broward County

A/E: ACAI

FIELD OFFICE SUPPORT				
3/01/18 thru 8/30/20				
Description	Quantity	Unit	Rate	TOTAL
<b>FIELD OFFICE</b>				
Trailer Complex	28	Mo	1,200	33,600
Trailer Complex Setup & Removal	1	Est	5,800	5,800
Water, Sewer Connection Cost	1	Est	5,000	5,000
Electrical Consumption for Trailer	28	Mo	500	14,000
Water Charges for Trailer	28	Mo	180	5,040
Security System	1	Ea.	2,000	2,000
Fire Extinguisher	6	Ea.	50	300
Janitorial Service	28	Mo	300	8,400
Maintenance & Repair	28	Mo	144	4,030
<b>FIELD OFFICE EQUIPMENT</b>				
Copy Machine - Rental & Supplies	28	Mo	540	15,120
Furniture	6	Stat	1,250	7,500
Telephone System	8	Stat	225	1,800
Computer Network Trailer Wiring	9	Stat	126	1,130
Leased Computers	34	Mo	456	15,500
Data Line Internet connectivity - Check local service provider	30	Mo	650	19,500
Network Equipment (Aruba router and switch)	1	ls.	3,650	3,650
Tablet PC's ( GBCo/D. Stephenson only)	4	Ea.	650	2,600
Tablet PC, cell connection	170	Mo	50	8,500
Owner/Subcontractor Workstation	1	Ea.	3,500	3,500
<b>FIELD OFFICE EXPENSE</b>				
Bottled Water	28	Mo	80	2,240
Textura CPM Software	1	Ea.	8,000	8,000
P6 Scheduling Software - year 2 (year 1 covered in SPE)	1	License	3,500	3,500
Quality Control Management Systems (PX x 10 months)	11	Mo	600	6,600
Quality Control Management Systems (PM x 34 months)	34	Mo	600	20,400
Quality Control Management Systems (PE#1 x 34 months)	34	Mo	600	21,000
Quality Control Management Systems (PM#2 x3 months)	3	Mo	600	1,800
Quality Control Management Systems (GS x 30 months)	30	Mo	600	19,800
Quality Control Management Systems (AS x 3 months)	30	Mo	600	20,400
First Aid Supplies	1	LS	1,500	1,500
Safety/OSHA Startup Kit	1	LS	3,000	3,000
Miscellaneous Blueprinting	30	Mo	250	7,500
Shipping - Fedex/UPS	30	Mo	330	9,900
Progress Photos / Webcams	28	Mo	200	5,600
Records Transport/Retention	1	Est	2,000	2,000
Small Tools & Supplies	28	Mo	250	7,000
Stationary, Paper & Supplies	30	Mo	730	21,900
Cell Phones (PX ) Service and lease	11	Mo	125	1,380
Cell Phones (PM) Service and lease	34	Mo	125	4,250
Cell Phones (PE) Service and lease	34	Mo	125	4,250
Cell Phones (PM1) Service and lease	3	Mo	125	380
Cell Phones (GS) Service and lease	30	Mo	125	3,750
Cell Phones (AS) Service and lease	30	Mo	125	3,750
Jobsite Employee Travel (PX)	11	Mo	150	1,650
Jobsite Employee Travel (PM)	34	Mo	200	6,800

FIELD OFFICE SUPPORT				
3/01/18 thru 8/30/20				
Description	Quantity	Unit	Rate	TOTAL
Jobsite Employee Travel (PE)	34	Mo	300	10,200
Jobsite Employee Travel (GS)	30	Mo	150	4,500
Jobsite Employee Travel (AS)	30	Mo	250	7,500
Jobsite Employee Travel (Accountant)	34	Mo	300	10,200
Jobsite Employee Travel (Quality)	30	Mo	300	9,000
Jobsite Employee Trave (Sr. PX)	31	Mo	50	1,500
Jobsite Employee Travel (Safety)	31	Mo	300	9,000
Jobsite Employee Travel (PX)	11	Mo	300	3,300
Employee Vehicles (PX)	11	Mo	895	9,850
Employee Vehicles (PM)	34	Mo	895	30,430
Employee Vehicles (GS)	30	Mo	895	26,850
Employee Vehicles (AS)	30	Mo	895	26,850
Relocation Expense Pablo Burgos	1	Ea	15,500	15,500
Relocation Expense Ashley Eustis	1	Ea.	9,500	9,500
ADDITIONAL COST ITEMS (per RFP)				
Reimbursement for Preconstruction Time Extension	1	Ea	60,690	60,690
TOTAL FIELD OFFICE SUPPORT COST				569,990



Gilbane Building Company  
661 University Boulevard  
Suite 107  
Jupiter FL 33458  
(561) 691-0060

**Northeast High School SMART PROJECT GMP #2 Amendment**  
Oakland Park, FL

Owner: The School Board of Broward County  
A/E: ACAI

### GENERAL REQUIREMENTS

3/01/18 thru 8/30/20

Description	Quantity	Unit	Rate	TOTAL
<b>PROJECT PERMITS</b>				
Project Construction Permit				
BCPS ID Badges (All Staff)	10	Est.	85	850
<b>BID SET, SHOP DRWGS REPRODUCTION, SCANNING, DISTRIBUTION &amp; EXPRESS MAIL</b>	1	Est.	15,000	15,000
<b>TEMPORARY FACILITIES/CHEMICAL TOILETS</b>				
Chemical Toilets	28	Mo.	900	25,200
Storage Trailers & Tool Rooms	28	Mo.	350	9,800
Wayfinding Signage	1	Est.	5,000	5,000
Golf Cart	1	ea	3,500	3,500
Precondition Survey	1	LS	5,000	5,000
First Aid Kits	1	Ea.	1,200	1,200
Project Fire Extinguishers	12	Est.	250	3,000
Drug Testing	14	Ea.	60	840
<b>TEMPORARY FENCING</b>				
Removable Fence	15,000	lf	14	210,000
Double Gate	6	Ea.	250	1,500
Personnel Gate	4	Ea.	450	1,800
<b>PROJECT CLEAN-UP</b>				
Dumpster Service	28	Mo.	450	12,600
Dumpster Pulls	160	ea.	450	72,000
Rough Cleanup/Safety watch/General labor	6,500	MH	35	227,500
Final Cleanup	250,000	SF	0.30	75,000
Connection Cost Electrical power by FPL	1	Est.	25,000	25,000
<b>TOTAL GENERAL REQUIREMENTS COST</b>				<b>694,790</b>

Clarifications: Per Article 13.1.09 of CMAR Agreement Jobsite Employee Travel is included in the Field Office Expense for Gilbane's staff to account for miscellaneous travel associated with the project and does not includes travel from home office to the project site. The value for this is a set monthly rate that is established per employee and calculated utilizing standard mileage rates. Auto allowance is included in the Field Office Expense for the operation's staff to account for the individual staff member's use of a personal vehicle, which is separate from the travel referenced above. The value for this auto allowance is a set monthly rate per employee.

Clarifications: As per article 25.2.05 of the CMAR Agreement-General Conditions, the following software has been included as part of the Quality Control Systems: CMIC, iBidPro, Bluebeam, BIM-360, iBuild, SmartApp and Docbuilder. These software are calculated based on a monthly rate.



**The School Board of Broward County, Florida**  
**Procurement & Warehousing Services Department**  
**7720 W. Oakland Park Blvd., Suite 323**  
**Sunrise, Florida 33351 (754) 321-0505**

## Document 00435: Schedule of Values

Project No: P.001684 Date Submitted: \_\_\_\_\_  
 Location No: 1241  
 Project Title: SMART Project GMP#2 Amendment Original Post Bid Submittal:  Yes  No  
 Facility Name: Northeast High School  
 Contractor: Gilbane Building Company Accompanying Requisition for Payment No.: \_\_\_\_\_

### (FORM TO BE USED BY THE SELECTED BIDDERS)

A Item No.	B Project Manual Division/Section No.	C Description of Work	D Scheduled Value	F Work Completed		G Materials Presently Stored to Date (Not in E or F)	H Total Completed & Stored to Date (E+F+G)	I %	J Balance to Finish (D-H)	K Retainage
				E From Previous Application (E+F)	This Period					
	Div. 2	02A - Selective Demolition	\$890,978							
	Div. 5	05A - Misc. Metals	\$843,698							
	Div. 7	07B - Roofing	\$8,036,166							
	Div. 8	08A - Doors, Frames and Hardware	\$55,984							
	Div. 8	08B - Overhead Coiling Doors	\$8,250							
	Div. 8	08C - Glass & Glazing	\$27,442							
	Div. 9	09B - Framing, Drywall, Insulation and ACT	\$1,762,600							
	Div. 9	09C - Flooring	\$166,505							
	Div. 9	09E - Painting	\$65,352							
	Div. 0	10A - Division 10 Specialties	\$56,451							
	Div. 21	21A - Fire Sprinkler	\$947,871							
	Div. 22	22A - Plumbing	\$652,014							
	Div. 23	23A - HVAC and Controls	\$2,810,424							
	Div. 26	26A - Electrical, Fire Alarm and Telecommunications	\$1,928,327							
		CM Fee	\$912,603							





**Contractor's Certification**

According to the best of my knowledge and belief, I certify that all items and amounts shown on this certificate are correct, that all work has been performed and material supplied in full accordance with the terms and conditions of the Contract. I further certify that all just and lawful bills against the undersigned and his subcontractors for labor, materials, and equipment employed in the performance of the Work have been paid in full in accordance with the Contract's terms and conditions.

**Submitted By:**

Company Name &  
Address:

Phone:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

**BATHROOM RENOVATION**  
**STEM LAB**

SITE KEY NOTES	
1	CLEAR POLE MOUNTED LIGHT FROM TREE BRANCHES OBSTRUCTIONS
2	REPLACE OUT-DOOR AIR DIVS
3	REPLACE CONTROLS VIT
4	REPLACE EXHAUST VENT
5	INCREASE MAKEUP AIR
6	REPLACE MECH HVAC PH
7	REPLACE AIR HANDLER
8	PROVIDE EMERGENCY E
9	INSTALL FIRE SPRINKLER
10	PROVIDE RENOVATION C
11	PROVIDE STEM LAB REN
12	REEROOF WITH NEW DECK
13	REPLACE WINDOW/AC CO
14	REPLACE DISTRIBUTION
15	REPLACE PANEL BOARD
16	REPLACE MOTOR CONTR
17	REPLACEMENT OF OVER
18	REPLACE EXTERIOR LIGH
19	REPLACE ELECTRICAL TR
20	REPAIR CONTROLS AS RE
21	REPLACE WINDOWS AS F
22	REPLACE CANOPY LIGHT
23	REPLACE PACKAGE HVAC
24	REPLACE DUCT DAMPER
25	REPLACE DUCT WORK AS
26	REPLACE EMERGENCY L
27	REPLACE ENTIRE HVAC S
28	REPLACE KITCHEN EXHA
29	REPLACE LAB EXHAUST
30	REFER TO ELECT. DWGS
31	REPLACE ROOF AIR HAN
32	REPLACE KITCHEN EXHA
33	TEST AND BALANCING AS
34	REPLACE LAB FUME HOOD
35	REPLACE METAL COUNTERT

**PHASE 1 - BLDGS 15, 18, 25, 27**  
 06/2018 to 08/2018

**PHASE 2 - BLDGS 12**  
 06/2018 to 09/2018

**PHASE 3 - BLDG 1 (east)**  
 10/2018 to 1/2019

**PHASE 4 - BLDG 1 (west)**  
 1/2019 to 3/2019

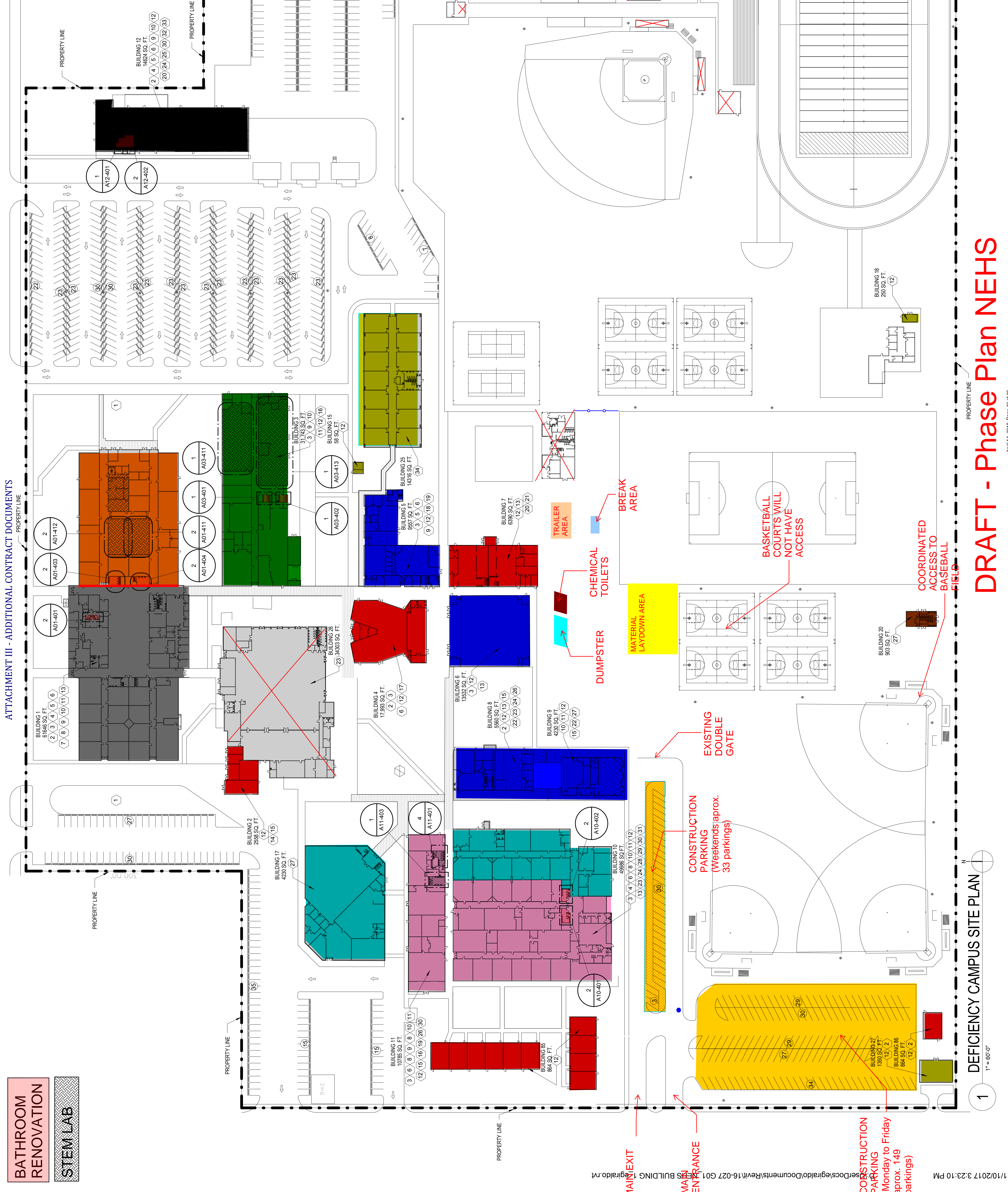
**PHASE 5 - BLDG 10 (east) and 17**  
 4/2019 to 8/2019

**PHASE 6 - BLDG 10 (west and center) and 11**  
 5/2019 to 8/2019

**PHASE 7 - BLDGS 5, 6, 8&9**  
 8/2019 to 11/2019

**PHASE 8 - BLDG 3**  
 11/2019 to 3/2020

**PHASE 9 - BLDGS 2, 4, 7, 85, 86**  
 03/2020 to 08/2020



Review Log:  
 Rev. 2017-12-22

**ACAI**  
 associates inc.  
 architecture, engineering,  
 roofing, consulting  
 construction management  
 AAC001323-EB0004379-CG0010769  
 2937 W. Cypress Creek Rd., Suite 200  
 Fort Lauderdale, Florida 33309  
 Tel: 954-484-4000 • Fax: 954-484-5888  
 www.acaiarchitects.com  
 ARCHITECT OF RECORD

16-027 G01  
 PROJECT NUMBER  
**A-100**  
 SHEET NUMBER

TO THE BEST OF MY KNOWLEDGE  
 AND ABILITY THESE PLANS ARE  
 COMPLETE AND COMPLY WITH THE  
 APPLICABLE BUILDING CODES.  
 COPYRIGHT 2017 BY ACAI ASSOC., INC.

**DRAFT - Phase Plan NEHS**

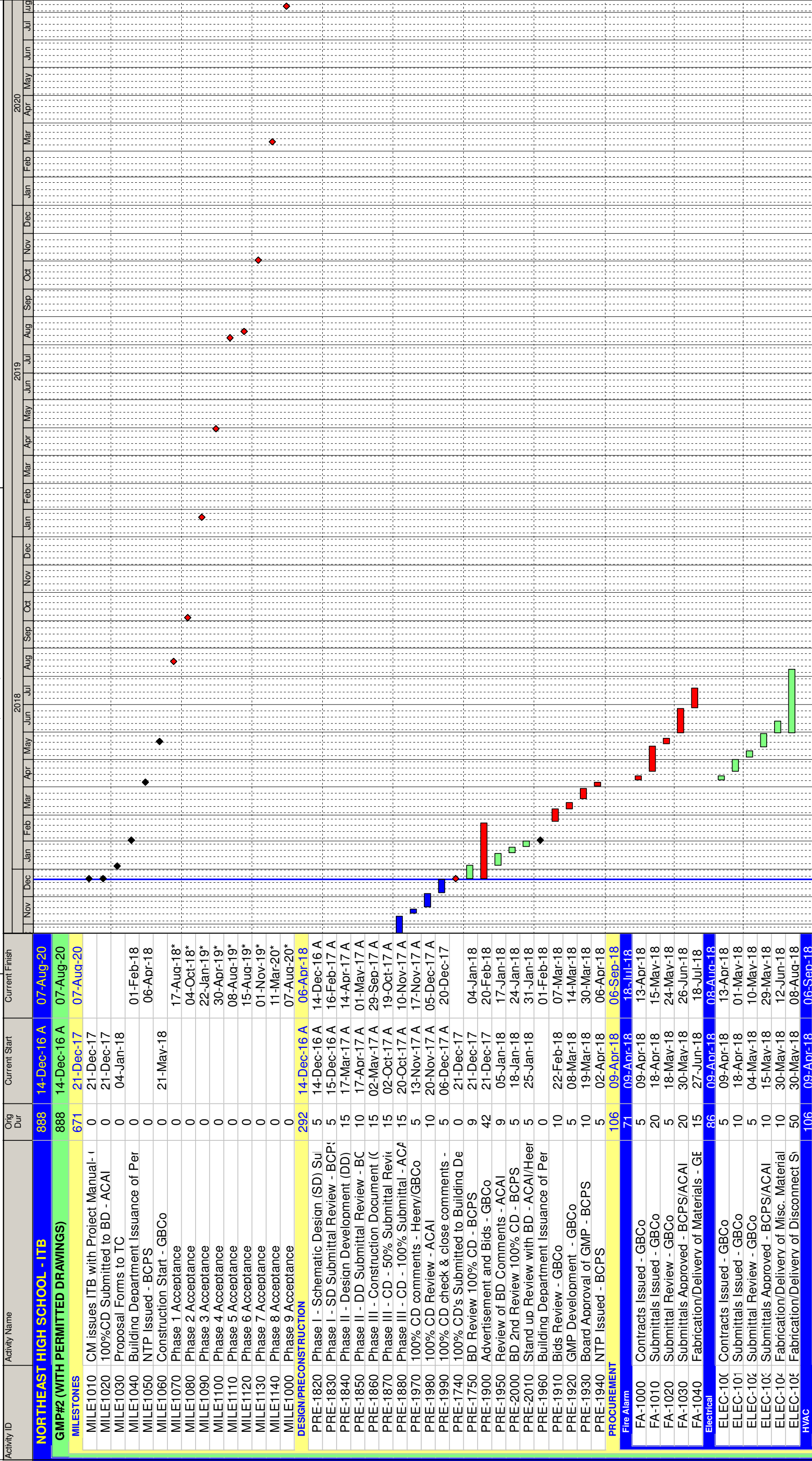


## ATTACHMENT IV - SALARY AND WAGE SCHEDULE

### On-site Management and Supervisory Personnel

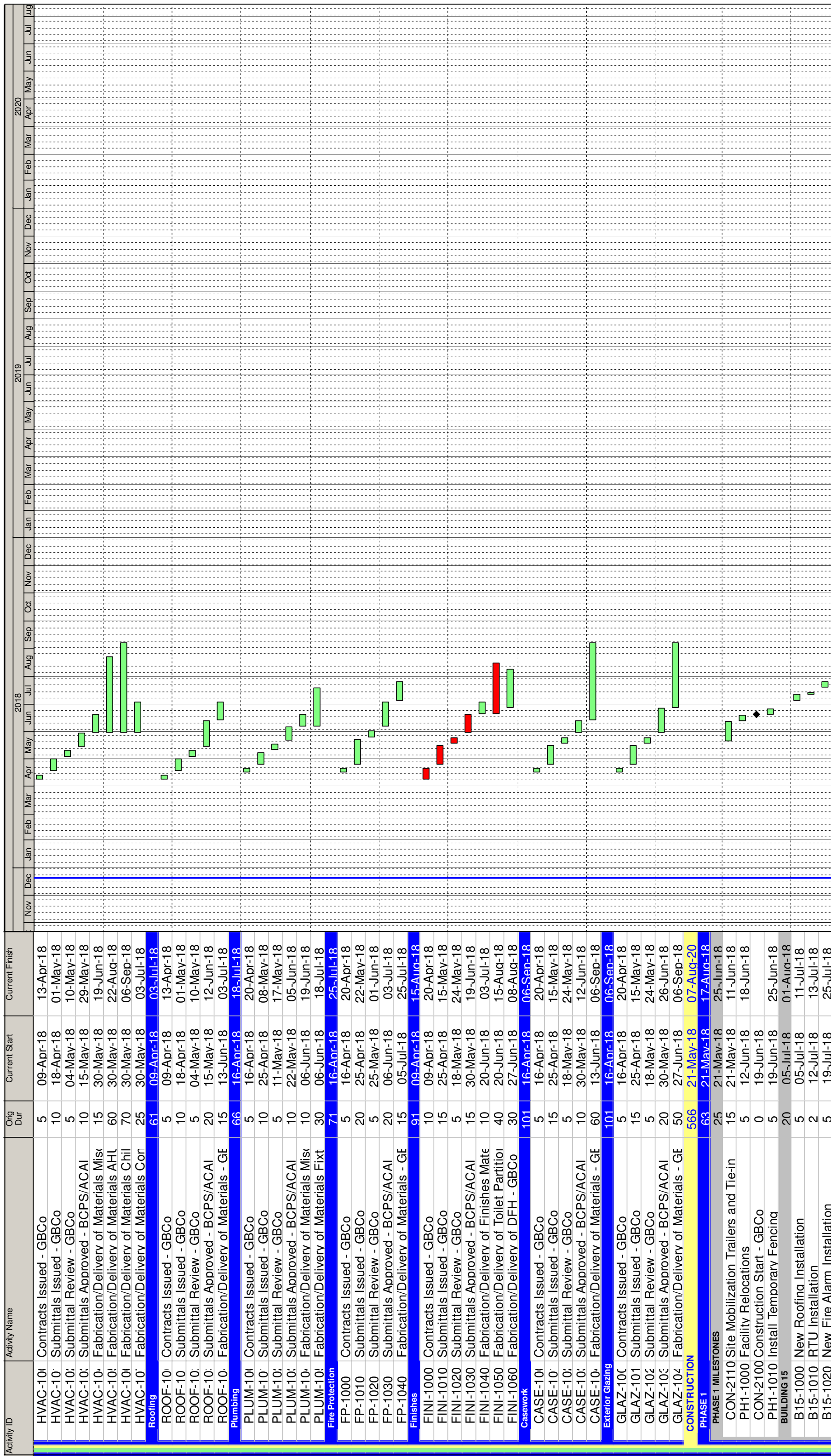
Field Personnel
On Site Project Executive-Roby DeReuil
On Site Project Manager-Pablo Burgos
On Site Project Engineer- Ashley Eustis
On Site General Superintendent-Richard Willis
On Site Area Superintendent - Dwayne Stephenson
On Site Project Manager 1- Rey Aranda
Preconstruction Manager On Site (Ted Cava)
On Site Safety Manager (John Rawlings)
On Site Quality Manager (Brooke Teinert)
On Site Scheduling Manager (Scott Mello)
Estimating Department (David Rowe)
Division Purchasing Agent (Sherri Puffenberger)
Purchasing Manager (Chris Beck)
On Site Project Accountant (Candace Peterson)
Sr. Project Executive (Mike Bird)





Finish Date: 07-Aug-20  
 Data Date: 20-Dec-17  
 Run Date: 22-Dec-17 13:34  
 Page 1 of 8  
 NEHS GMP2 20171215

■ Remaining Level of Effort  
■ Actual Level of Effort  
■ Actual Work  
■ Remaining Work  
■ Critical Remaining Work  
◆ Summary Milestones  
◆ Remaining Milestones  
◆ Milestone



Finish Date: 07-Aug-20  
 Data Date: 20-Dec-17  
 Run Date: 22-Dec-17 13:34  
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 NEHS GMP2 20171215

## NORTHEAST HIGH SCHOOL - ITB

### ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE

April 14, 2018 Page 43 of 49





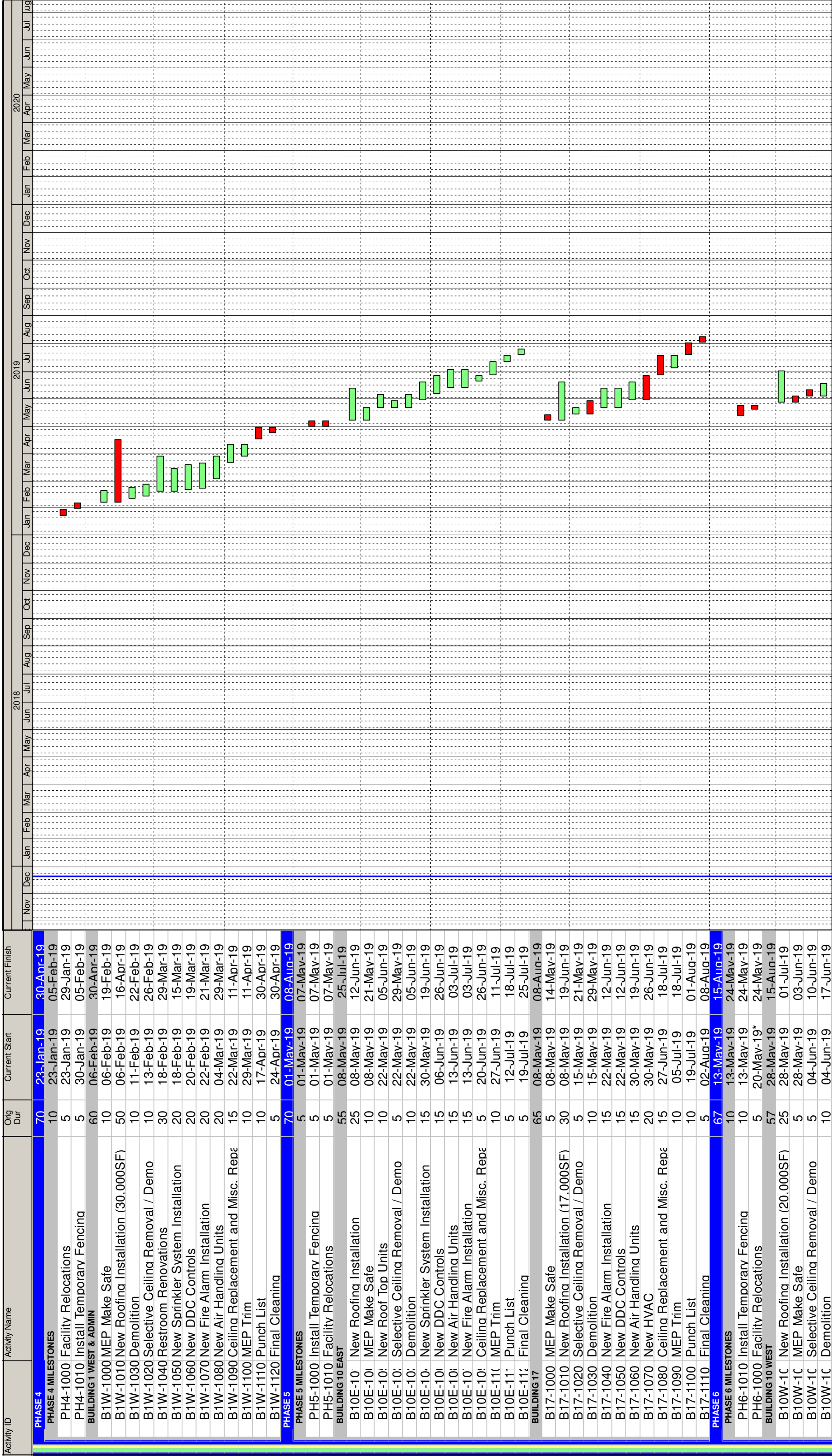
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 NEHS GMP2 20171215

**NORTHEAST HIGH SCHOOL - ITB**

**ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE**

April 14, 2018 Page 44 of 49

█ Remaining Level of Effort   
 █ Actual Level of Effort   
 █ Actual Work   
 █ Remaining Work   
 █ Critical Remaining Work   
 ◆ Summary Milestones   
 ◆ Critical Milestones   
 ◆ Milestone



**NORTHEAST HIGH SCHOOL - ITB**

**ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE**

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 NEHS GMP2 20171215

Remaining Level of Effort  
 Actual Level of Effort  
 Actual Work  
 Remaining Work  
 Critical Remaining Work  
 Summary Milestones  
 Critical Milestones  
 Milestone



Finish Date: 07-Aug-20  
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 NEHS GMP2 20171215

**NORTHEAST HIGH SCHOOL - ITB**

**ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE**

April 14, 2018 Page 46 of 49



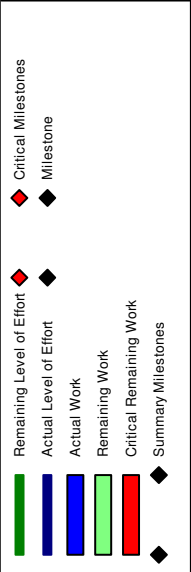




**NORTHEAST HIGH SCHOOL - ITB**

**ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE**

April 14, 2018 Page 48 of 49



Finish Date: 07-Aug-20  
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 Page 7 of 8  
 NEHS GMP2 20171215

Activity ID	Activity Name	Orig Dur	2018												2019												2020											
			Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		
			Current Start												Current Finish																							
B86-1010	MEP Make Safe	3	24-Mar-20												26-Mar-20																							
B86-1000	New Roofing Installation (10,000SF)	5	26-Mar-20												01-Apr-20																							
B86-1020	Selective Ceiling Removal/ Demo	3	27-Mar-20												31-Mar-20																							
B86-1030	Demolition	3	27-Mar-20												31-Mar-20																							
B86-1050	New Fire Alarm Installation	5	01-Apr-20												07-Apr-20																							
B86-1040	New HVAC	10	10-Apr-20												23-Apr-20																							
B86-1060	Ceiling Patch and Repair	3	24-Apr-20												28-Apr-20																							
B86-1070	MEP Trim	3	29-Apr-20												01-May-20																							
B86-1080	Punch List	3	04-May-20												06-May-20																							
B86-1090	Final Cleaning	2	07-May-20												08-May-20																							



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 NEHS GMP2 20171215

**NORTHEAST HIGH SCHOOL - ITB**

ATTACHMENT V - CONTRACT DOCUMENTS - THE CONSTRUCTION SCHEDULE