



AGENDA REQUEST FORM

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA

ITEM No.:
JJ-11.

MEETING DATE	2019-06-11 10:05 - School Board Operational Meeting
AGENDA ITEM	ITEMS
CATEGORY	JJ. OFFICE OF FACILITIES & CONSTRUCTION
DEPARTMENT	Facilities Construction

Special Order Request
<input type="radio"/> Yes <input checked="" type="radio"/> No
Time
Open Agenda
<input checked="" type="radio"/> Yes <input type="radio"/> No

TITLE:
GMP Amendment 2 to the Construction Services Agreement - The Morganti Group, Inc. - Cypress Bay High School - Weston -SMART Program Renovations - Project No. P.001774

REQUESTED ACTION:
Approve GMP Amendment 2 to the Construction Services Agreement (Construction Management at Risk) dated May 16, 2017 (Agenda Item JJ-1) with The Morganti Group, Inc., Cypress Bay High School, SMART Program Renovations, Project No. P.001774, in the amount of \$23,657,000.

SUMMARY EXPLANATION AND BACKGROUND:
See Exhibit 1 for details.
This Amendment has been reviewed and approved as to form and legal content by the Office of the General Counsel.

SCHOOL BOARD GOALS:
 Goal 1: High Quality Instruction
 Goal 2: Continuous Improvement
 Goal 3: Effective Communication

FINANCIAL IMPACT:
The financial impact of approving this Second GMP Amendment is \$23,657,000. This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). These funds in the amount of \$18,839,000 will come from the Capital Projects Reserve. This increases the project budget from \$13,739,000 to \$32,578,000.

EXHIBITS: (List)
(1) Executive Summary (2) ADEFP (3) GMP Amendment 2 (4) Professional Services Consultant Letter (5) Collaboration Form

BOARD ACTION:
APPROVED
(For Official School Board Records Office Only)

SOURCE OF ADDITIONAL INFORMATION:

Name: Phil D. Kaufold, Task Asgd. Director Constr.	Phone: 754-321-1532
Name: Daniel Jardine, CBRE Heery Director	Phone: 754-321-4850

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
Senior Leader & Title
Frank Girardi - Task Assigned Exec. Director

Signature
Frank L. Girardi
6/4/2019, 10:30:59 AM

Approved In Open Board Meeting On: JUN 11 2019
By: *Heather P. Bunker*
School Board Chair

EXHIBIT 1

EXECUTIVE SUMMARY

**GMP Amendment 2 to the Construction Services Agreement
The Morganti Group, Inc.
Cypress Bay High School, Weston
SMART Program Renovations
Project No. P.001774**

PROJECT OVERVIEW:

Type of Contract:	Construction Services Agreement - Construction Management at Risk (CMAR)
Architect:	Zyscovich, Inc.
Contractor:	The Morganti Group, Inc.
Notice to Proceed Date:	Pending Board Approval
Budget:	See Below

GENERAL OVERVIEW:

The Construction Services Agreement (Construction Manager for Construction Management at Risk Services) for Cypress Bay High School with The Morganti Group, Inc. was approved by the Board at the May 16, 2017 Regular School Board Meeting (Agenda Item JJ-1).

GMP Amendment 1 in the amount of \$1,947,000, was approved by the Board on February 5, 2019 (Agenda Item JJ-2) at the School Board Operational Meeting.

The purpose of the Guaranteed Maximum Price (GMP) Amendment 2 is to establish \$23,657,000 as the GMP for the SMART Program Renovations. The scope of work associated with this GMP Amendment 2 is for the new classroom addition to allow for the removal of portable buildings. The Project costs are guaranteed by the Construction Manager not to exceed the combined sum of GMP Amendment 1 and GMP Amendment 2 totaling \$25,604,000.

Pursuant to the process for securing bids and in order to determine the GMP Amendment 2 amount, bids were received on March 20, 2019. This GMP Amendment 2 as submitted by The Morganti Group, Inc., in accordance with Article 6 of the CMAR Agreement, has been received and is recommended for acceptance and approval in the amount of \$23,657,000. Included in the GMP Amendment 2 is a Construction Contingency of \$921,645 which is customary under the CMAR delivery model and allowed by the Construction Contract Agreement. Procedures and expenditures related to the use of any Contingency included in GMP Amendment 1 shall comply with the CMAR Agreement Section 6.1.1 and Specification Section 01250h Contract Modification Procedures.

This GMP Amendment 2 exceeds the available funds and requires additional funding in the amount of \$18,839,000 to proceed with the SMART Program Renovations. The following summarizes the previous and revised funding allocations:

Allocations of Project Funds	Previous Budget	Revised Budget	Net Change
Planning Design and Management	\$3,393,700	\$3,393,700	\$0
Construction GMP Amendment 1 & 2	\$8,300,000	\$25,604,000	\$17,304,000
Construction Contingency (5% of GMP)*	\$415,000	\$1,250,000	\$835,000
Construction Misc.**	\$780,300	\$1,230,300	\$450,000
Furnishings	\$850,000	\$1,100,000	\$250,000
Total	\$13,739,000	\$32,578,000	\$18,839,000

*Reserved for future use if required

**Includes the following items where applicable: Off-site Improvements; Misc. Construction; Hazardous Materials Abatement; Technology Infrastructures; Utility Connection Charges; PPO Work Orders; and Portables

GMP Amendment 2 for the new addition will contain 61 instructional units totaling approximately 82,163 SF that will include 45 conventional classrooms, 4 science classrooms, 3 science labs, 3 art rooms, 2 JROTC rooms, 1 Business Education Practical Lab, 1 Technical Education Robotics Lab, 1 Health Lab and 1 Exceptional Student Education (ESE) full-time program space, and administrative offices, teacher planning spaces, and other required spaces that are right sized to accommodate an additional 1,525 students. The building cost is approximately \$255 per square foot, and the total project cost is approximately \$288 per square foot.

In addition, the scope of work for the removal and demolition of the 61 relocatable classrooms will be moved to the end of the project and hard bid. This is due to there not being an immediate need to perform this scope of work. Staff anticipates funding this scope of work with project contingency.

The Morganti Group, Inc. ("Morganti") is not a certified Minority/Women Business Enterprise (M/WBE). The Minority/Women Business Enterprise (M/WBE) goal for this project is 25% at the Construction Management level (Pre-Construction and Construction) and 35% at the Sub-Contractor level. Documents submitted show that Morganti is working towards meeting the M/WBE participation goals which are cumulative. Supplier Diversity Outreach Program (SDOP) will continue to monitor and track progress throughout all phases of the project.

This Amendment has been reviewed and approved as to form and legal content by the Office of the General Counsel.

For the latest Bond Oversight Committee Quarterly Report information regarding this project [click here](#).

Cypress Bay High School

Adopted District Educational Facilities Plan

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
There are no DEFP projects for this location.							

SMART Program

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
Safety & Security		107,000*				107,000	Safety / Security Upgrade
Athletics			300,000	45,000		345,000	Track Resurfacing
Renovation		580,000*				580,000	HVAC Improvements
Renovation		12,400,000*				12,400,000	CR Addition to allow for removal of portable buildings
Renovation		652,000*				652,000	Building Envelope Improvements (Roof, Window, Ext Wall, etc.)
SMART Sub-Total		13,739,000	300,000	45,000		14,084,000	

Completed

Project	Program Year 1	Program Year 2	Program Year 3	Program Year 4	Program Year 5	Total	Scope
DEFP	254,323					254,323	Relocation of three portables from New River Site to Cypress Bay High School
SMART			300,000			300,000	Music Equipment Replacement
SMART	134,000					134,000	Wireless Network Upgrade
SMART		121,000				121,000	Weight Room Renovation
SMART	578,000					578,000	Technology Infrastructure (Servers, Racks, etc.) Upgrade
SMART		100,000				100,000	School Choice Enhancement
SMART	970,000					970,000	Additional computers to close computer gap
SMART	48,000					48,000	CAT 6 Data port Upgrade
Complete Sub-Total	1,984,323	221,000	300,000			2,505,323	

School Total	1,984,323	13,960,000	600,000	45,000	0	16,589,323	
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*Project Scope Included:
 Year 1 total scope \$13,739,000
 Total value of scope \$13,739,000

NOTE: Funding provided for all schools to achieve the district standard for Single Point of Entry.

Cypress Bay High School

GMP #2 – 3 Story Addition



The Morganti Group, INC

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

GMP #2 AMENDMENT

THIS GMP AMENDMENT, made and entered into as of this 11th day of June, 2019, (“GMP Amendment”) amends that certain Agreement between Owner (The School Board of Broward County, Florida) and Construction Manager (The Morganti Group, Inc.), made as of the 2nd day of May 2017 for the following described project: Cypress Bay High School SMART Program Renovations, (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 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 Amendment and the terms of the Contract Documents are in conflict, the terms of this GMP Amendment shall govern and control. The terms used herein, unless otherwise defined in this GMP 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 construction shall be as indicated in the Notice To Proceed. The Construction Manager shall achieve Substantial Completion of the entire Work not later than 525 days from the Notice to Proceed and final completion not later than 60 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 this 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 entire 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 the Project is hereby guaranteed by the Construction Manager not to exceed the sum of Twenty Three Million Six Hundred Fifty Seven Thousand and 00/100 Dollars (\$23,657,000.00) (the "Project GMP"), based upon the entire Scope of Work 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 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 guarantee maximum price is the amount of Nine Hundred Twenty One Thousand Six Hundred Forty Five and 00/100 Dollars (\$921,645.00).
- .4 Whether or not the Construction or Contract Documents enumerated in the Attachments to this GMP 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 reference 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 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 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 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 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.

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

(Corporate Seal)



ATTEST:


Robert W. Runcie, Superintendent of Schools

THE SCHOOL BOARD OF BROWARD
COUNTY, FLORIDA

By 
Heather P. Brinkworth, Chair

Approved as to Form and Legal Content:


Office of the General Counsel



(Corporate Seal)

FOR [The Morganti Group]

ATTEST:

Jon Lowke, Director of Preconstruction

-or-

Witness

Witness

[The Morganti Group, Inc.]

By _____

Signature

Printed Name: Stephen Sines

Title: Vice President of Operations

ATTACHMENTS

ATTACHMENT I - CONTRACT DOCUMENTS - THE DRAWINGS

ATTACHMENT II - CONTRACT DOCUMENTS - THE SPECIFICATIONS

ATTACHMENT III - CONTRACT DOCUMENTS - ADDITIONAL CONTRACT DOCUMENTS

ATTACHMENT IV - CONTRACT DOCUMENTS - SALARY AND WAGE SCHEDULE

ATTACHMENT V - CONTRACT DOCUMENTS – THE CONSTRUCTION SCHEDULE

END OF EXHIBIT "A"

Cypress Bay High School SMART Project
P.001774

Guaranteed Maximum Price Amendment No. 2

Attachment I – Contract Documents – The Drawings

LIST OF DRAWINGS

VOLUME 1

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019	1	REV. No. 02-12-2019	2				
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GENERAL

- GN-000 COVER SHEET
- GN-101 DRAWING INDEX
- GN-102 DRAWING INDEX
- GN-103 GENERAL NOTES, ABBREVIATIONS & SYMBOLS

SURVEY

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- 1 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 1
- 2 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 2
- 3 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 3
- 4 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 4
- 5 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 5
- 6 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 6
- 7 OF 7 SPECIFIC PURPOSE SURVEY - LAYOUT 7

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- D1 DEMOLITION PLAN
- C0 EMERGENCY ACCESS PLAN
- C1 PAVEMENT, MARKING, AND SIGNAGE PLAN
- C2 PAVEMENT, GRADING, AND DRAINAGE PLAN
- C3 WATER AND SANITARY SEWER PLAN
- C4 WATER AND SANITARY SEWER DETAILS
- C5A SITE DETAILS
- C5B SECTIONS
- C6 GENERAL NOTES AND SPECIFICATIONS
- ESC EROSION AND SEDIMENT CONTROL PLAN

LANDSCAPE

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- L0.00 LANDSCAPE KEY SHEET
- L1.00 LANDSCAPE TREE CHART
- L1.01 LANDSCAPE TREE DISPOSITION PLAN
- L2.00 LANDSCAPE PLAN
- L2.01 LANDSCAPE DETAILS
- L2.02 LANDSCAPE SPECIFICATIONS
- L2.03 TREE RELOCATION PLAN
- L2.04 TREE RELOCATION PLAN
- L3.00 IRRIGATION PLAN
- L3.01 IRRIGATION DETAILS
- L3.02 IRRIGATION SPECIFICATIONS

LIST OF DRAWINGS

VOLUME 1

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019 1	REV. No. 02-12-2019 2				
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DEMOLITION

D-100 PARTIAL DEMOLITION SITE PLAN

LIFE SAFETY

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LS-100 LIFE SAFETY SITE PLAN
LS-101A LIFE SAFETY FIRST FLOOR PLAN
LS-101B LIFE SAFETY FIRST FLOOR PLAN
LS-102 LIFE SAFETY SECOND FLOOR PLAN
LS-103 LIFE SAFETY THIRD FLOOR PLAN
LS-210 ENLARGED LIFE SAFETY PARTIAL FIRST FLOOR PLAN
LS-211 ENLARGED LIFE SAFETY PARTIAL FIRST FLOOR PLAN
LS-220 ENLARGED LIFE SAFETY PARTIAL SECOND FLOOR PLAN
LS-221 ENLARGED LIFE SAFETY PARTIAL SECOND FLOOR PLAN
LS-230 ENLARGED LIFE SAFETY PARTIAL THIRD FLOOR PLAN
LS-231 ENLARGED LIFE SAFETY PARTIAL THIRD FLOOR PLAN

SITE PLAN AND DETAILS

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A-100 OVERALL SITE PLAN
A-101 ENLARGED OVERALL SITE PLAN
A-102 ENLARGED PARTIAL SITE PLAN
A-103 ENLARGED PARTIAL SITE PLAN
A-110 ENLARGED SITE PLAN - CHILLER & CONDENSER UNIT YARD
A-150 SITE DETAILS
A-151 SITE DETAILS
A-152 SITE DETAILS
A-153 SITE DETAILS
A-160 TRELLIS DETAILS
A-170 BUILDING 85, FLOOR, R.C.P., AND L.S. PLANS
A-171 BUILDING 85, ELEVATIONS, SCHEDULES, AND DETAILS

FLOOR PLANS AND DETAILS

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A-201 OVERALL FIRST FLOOR PLAN
A-202 OVERALL SECOND FLOOR PLAN
A-203 OVERALL THIRD FLOOR PLAN
A-210 ENLARGED PARTIAL FIRST FLOOR PLAN
A-211 ENLARGED PARTIAL FIRST FLOOR PLAN
A-220 ENLARGED PARTIAL SECOND FLOOR PLAN
A-221 ENLARGED PARTIAL SECOND FLOOR PLAN
A-230 ENLARGED PARTIAL THIRD FLOOR PLAN
A-231 ENLARGED PARTIAL THIRD FLOOR PLAN
A-250 PLAN DETAILS
A-251 PLAN DETAILS
A-252 PLAN DETAILS
A-253 PLAN DETAILS

LIST OF DRAWINGS

VOLUME 1

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019 1	REV. No. 02-12-2019 2			
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REFLECTED CEILING PLANS AND DETAILS

- A-301 OVERALL REFLECTED CEILING FIRST FLOOR PLAN
- A-302 OVERALL REFLECTED CEILING SECOND FLOOR PLAN
- A-303 OVERALL REFLECTED CEILING THIRD FLOOR PLAN
- A-310 ENLARGED REFLECTED CEILING PARTIAL FIRST FLOOR PLAN
- A-311 ENLARGED REFLECTED CEILING PARTIAL FIRST FLOOR PLAN
- A-320 ENLARGED REFLECTED CEILING PARTIAL SECOND FLOOR PLAN
- A-321 ENLARGED REFLECTED CEILING PARTIAL SECOND FLOOR PLAN
- A-330 ENLARGED REFLECTED CEILING PARTIAL THIRD FLOOR PLAN
- A-331 ENLARGED REFLECTED CEILING PARTIAL THIRD FLOOR PLAN
- A-350 CEILING DETAILS
- A-351 CEILING DETAILS

LIST OF DRAWINGS

VOLUME 2

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019	REV. No. 02-12-2019				
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ROOF PLAN AND DETAILS

- A-400 BUILDING 85-DEMOLITION ROOF PLAN
- A-401 BUILDING 85-PROPOSED ROOF PLAN
- A-402 OVERALL ROOF PLAN
- A-450 BUILDING 85-ROOF DETAILS
- A-451 BUILDING 85-ROOF DETAILS
- A-452 ROOF DETAILS
- A-453 ROOF DETAILS
- A-454 ROOF DETAILS
- A-460 BUILDING 85-EXISTING PHOTOGRAPHS
- A-461 BUILDING 85-EXISTING PHOTOGRAPHS

ELEVATIONS AND DETAILS

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- A-501 OVERALL BUILDING ELEVATIONS
- A-502 ENLARGED NORTH ELEVATION
- A-503 ENLARGED SOUTH ELEVATION
- A-504 ENLARGED EAST & WEST ELEVATIONS
- A-505 ENLARGED PARTIAL ELEVATIONS
- A-510 ENLARGED PARTIAL ELEVATION DETAILS
- A-511 ENLARGED PARTIAL ELEVATION DETAILS
- A-512 ENLARGED PARTIAL ELEVATION DETAILS

SECTIONS AND DETAILS

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- A-601 BUILDING SECTIONS
- A-602 BUILDING SECTIONS
- A-610 WALL SECTIONS
- A-611 WALL SECTIONS
- A-612 WALL SECTIONS
- A-613 WALL SECTIONS
- A-620 STAIR #1 PLANS
- A-621 STAIR #1 SECTION
- A-622 STAIR #2 & ELEVATOR PLANS AND SECTION
- A-623 STAIR #3 PLANS
- A-624 STAIR #3 SECTION
- A-630 RAILING DETAILS
- A-631 RAILING DETAILS
- A-660 WALL TYPES
- A-670 SECTION DETAILS
- A-671 SECTION DETAILS
- A-690 FIRE STOPPING DETAILS
- A-691 FIRE STOPPING DETAILS

LIST OF DRAWINGS

VOLUME 2

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INTERIOR PLANS AND ELEVATIONS

A-701	OVERALL FF&E FIRST FLOOR PLAN
A-702	OVERALL FF&E SECOND FLOOR PLAN
A-703	OVERALL FF&E THIRD FLOOR PLAN
A-704	ENLARGED FIRST FLOOR PLAN
A-705	INTERIOR ART ELEVATION & EXT. CORRIDOR
A-706	ENLARGED 1ST FLOOR PLAN & ELEVATION CLASSROOMS
A-707	ENLARGED FIRST FLOOR PLAN
A-708	STEM, TECH & ROBOTICS LAB ELEVATIONS
A-709	ENLARGED 1ST FL. PLAN ESOL TESTING / ADMIN ELEV.
A-710	ENLARGED SECOND FLOOR PLAN
A-711	ENLARGED SECOND FLOOR PLAN
A-712	INTERIOR ELEVATIONS CORRIDORS
A-713	ENLARGED SECOND FLOOR PLAN
A-714	INTERIOR ELEVATIONS LABS
A-715	ENLARGED THIRD FLOOR PLAN
A-716	ENLARGED THIRD FLOOR PLAN
A-718	ENLARGED THIRD FLOOR PLAN
A-719	INTERIOR ELEVATIONS SCIENCE LABS
A-720	EQUIPMENT MOUNTING DETAILS
A-721	ENLARGED RESTROOM PLANS & ELEVATIONS
A-722	ENLARGED RESTROOM PLANS & ELEVATIONS
A-750	MILLWORK DETAILS
A-751	MILLWORK DETAILS
A-752	MILLWORK DETAILS

DOOR & WINDOW SCHEDULES AND DETAILS

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A-800	DOOR AND WINDOW TYPES
A-801	DOOR SCHEDULE
A-802	DOOR SCHEDULE
A-803	DOOR SCHEDULE
A-850	DOOR JAMB & HEAD DETAILS
A-855	DOOR THRESHOLD DETAILS
A-860	WINDOW DETAILS
A-861	STOREFRONT DETAILS

SIGNAGE AND FINISH PLANS

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ID-200	SIGNAGE DETAILS
ID-201	FINISH & FF&E SCHEDULES AND GENERAL NOTES
ID-202	ENLARGED FIRST FLOOR SIGNAGE & FINISH PLAN
ID-203	ENLARGED SECOND FLOOR SIGNAGE & FINISH PLAN
ID-204	ENLARGED THIRD FLOOR SIGNAGE & FINISH PLAN

FISH PLANS

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FSH-201	ENLARGED FIRST FLOOR FISH PLAN
FSH-202	ENLARGED SECOND FLOOR FISH PLAN
FSH-203	ENLARGED THIRD FLOOR FISH PLAN

LIST OF DRAWINGS

VOLUME 3

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019 1	REV. No. 02-12-2019 2			
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STRUCTURAL

- S-100 FOUNDATION AND ROOF FRAMING PLAN
- S-101 DETAILS AND SECTIONS
- S-201A PARTIAL GROUND FLOOR PLAN
- S-201B PARTIAL GROUND FLOOR PLAN
- S-202A PARTIAL SECOND FLOOR FRAMING PLAN
- S-202B PARTIAL SECOND FLOOR FRAMING PLAN
- S-203A PARTIAL THIRD FLOOR FRAMING PLAN
- S-203B PARTIAL THIRD FLOOR FRAMING PLAN
- S-204A PARTIAL ROOF FRAMING PLAN
- S-204B PARTIAL ROOF FRAMING PLAN
- S-205 COOLING TOWER FOUNDATION PLAN
- S-206 SHEARWALL FOUNDATION
- S-300 GENERAL STRUCTURAL NOTES
- S-301 SCHEDULES AND TYPICAL DETAILS
- S-302 SCHEDULES
- S-303 SCHEDULES
- S-304 SCHEDULES
- S-305 TYPICAL DETAILS
- S-306 SHEARWALL ELEVATIONS
- S-307 SHEARWALL ELEVATIONS
- S-308 COLUMN ELEVATIONS & DETAILS
- S-309 COLUMN ELEVATIONS & DETAILS
- S-400 SECTIONS
- S-401 SECTIONS
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LIST OF DRAWINGS

VOLUME 3

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 01-29-2019 1	REV. No. 02-12-2019 2			
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PLUMBING

- P-001 PLUMBING SYMBOLS, LEGEND, AND GENERAL NOTES
- PD-101 PLUMBING DEMO SITE PLAN
- P-101 PLUMBING SITE PLAN
- P-210 ENLARGED PLUMBING UNDERGROUND PLAN FIRST FLOOR - SITE A
- P-211 ENLARGED PLUMBING UNDERGROUND PLAN FIRST FLOOR - SITE B
- P-310 ENLARGED PLUMBING PLAN FIRST FLOOR - SITE A
- P-311 ENLARGED PLUMBING PLAN FIRST FLOOR - SITE B
- P-320 ENLARGED PLUMBING PLAN SECOND FLOOR - SITE A
- P-321 ENLARGED PLUMBING PLAN SECOND FLOOR - SITE B
- P-330 ENLARGED PLUMBING PLAN THIRD FLOOR - SITE A
- P-331 ENLARGED PLUMBING PLAN THIRD FLOOR - SITE B
- P-501 PLUMBING RISER DIAGRAMS - 1ST FLOOR DOMESTIC WATER
- P-502 PLUMBING RISER DIAGRAMS - 1ST FLOOR DOMESTIC WATER
- P-503 PLUMBING RISER DIAGRAMS - 2ND FLOOR DOMESTIC WATER
- P-504 PLUMBING RISER DIAGRAMS - 2ND FLOOR DOMESTIC WATER
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- P-506 PLUMBING RISER DIAGRAMS - 3RD FLOOR DOMESTIC WATER
- P-507 PLUMBING RISER DIAGRAMS - UNDERGROUND AND 1ST FLOOR DWV
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- P-509 PLUMBING RISER DIAGRAMS - 2ND AND 3RD FLOORS DWV
- P-510 PLUMBING RISER DIAGRAMS - 2ND AND 3RD FLOORS DWV
- P-511 PLUMBING RISER DIAGRAMS - GAS RISER
- P-512 PLUMBING RISER DIAGRAMS - COMPRESSED AIR RISER
- P-801 PLUMBING DETAILS
- P-802 PLUMBING DETAILS

FIRE PROTECTION

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- FP-001 FIRE PROTECTION SYMBOLS LEGEND AND GENERAL NOTES
- FP-101 FIRE PROTECTION SITE PLAN
- FP-210 ENLARGED FIRE PROTECTION PLAN - FIRST FLOOR - SITE A
- FP-211 ENLARGED FIRE PROTECTION PLAN - FIRST FLOOR - SITE B
- FP-220 ENLARGED FIRE PROTECTION PLAN - SECOND FLOOR - SITE A
- FP-221 ENLARGED FIRE PROTECTION PLAN - SECOND FLOOR - SITE B
- FP-230 ENLARGED FIRE PROTECTION PLAN - THIRD FLOOR - SITE A
- FP-231 ENLARGED FIRE PROTECTION PLAN - THIRD FLOOR - SITE B
- FP-801 FIRE PROTECTION DETAILS

LIST OF DRAWINGS

VOLUME 4

PERMIT SUBMISSION 12-06-2018	ISSUE DATE	REV. No. 1 01-29-2019	REV. No. 2 02-12-2019			
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SYSTEMS

ES-001	SYSTEMS LEGEND
ESD-101	SYSTEMS DEMO SITE PLAN
ES-101	SYSTEMS SITE PLAN
ES-210	ENLARGED SYSTEMS PLAN FIRST FLOOR - SITE A
ES-211	ENLARGED SYSTEMS PLAN FIRST FLOOR - SITE B
ES-220	ENLARGED SYSTEMS PLAN SECOND FLOOR - SITE A
ES-221	ENLARGED SYSTEMS PLAN SECOND FLOOR - SITE B
ES-230	ENLARGED SYSTEMS PLAN THIRD FLOOR - SITE A
ES-231	ENLARGED SYSTEMS PLAN THIRD FLOOR - SITE B
ES-401	COMMUNICATION ROOM ENLARGED PLANS
ES-601	COMMUNICATIONS AND INTERCOM RISER DIAGRAMS
ES-602	FIRE ALARM RISER DIAGRAM
ES-603	INSTRUCTIONAL TV RISER DIAGRAMS
ES-604	AREA OF REFUGE INTERCOM SYSTEM
ES-701	SYSTEMS RACK ELEVATIONS
ES-801	SYSTEMS DETAILS
ES-802	SYSTEMS DETAILS
ES-804	SYSTEMS DETAILS
ES-805	SYSTEMS DETAILS

Cypress Bay High School SMART Project
P.001774

Guaranteed Maximum Price Amendment No. 2

Attachment II – Contract Documents – The Specifications

**SECTION 00 0001
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REVISION 2 – BLDG. DEPT. COMMENTS/COORD.
February 12, 2019

**CYPRESS BAY HIGH SCHOOL
SMART Program Renovations
BROWARD COUNTY PUBLIC SCHOOLS**

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
VOLUME 1 - Divisions 00-01				
INTRODUCTORY INFORMATION				
DIVISION 00	PROCUREMENT AND CONTRACTING REQUIREMENTS			
00000	Professional Seals Page	X		
00001	Table of Contents	X	X	X
00002	List of Professionals	X		
00009	Background Screening of Contractual Personnel	X		
00015	List of Drawings	X		
00020	List of Schedules	X		
00433	Subcontractor's List	X		
00435	Schedule of Values	X		
00455	Background Screening of Contractual Personnel	X		
00457	Drug-Free Workplace Certification	X		
00460	Trench Act Compliance Statement	X		
00467	Supplier Diversity & Outreach Program (MWBE) Requirements	X		
00470	MWE Subcontractor Participation: Statement of Intent	X		
00475	MWBE Subcontractor Participation Schedule	X		
00480	MWBE Subcontractor Participation: Good Faith Effort	X		
00485A	MWBE Change To Utilization Plan	X		
00485	MWBE Subcontractor Monthly Utilization Report	X		
00490	Post-Award Vendor Subcontracting Waiver Request Form	X		
00510	Notice of Award	X		
00550	Notice to Proceed (Construction)	X		
00600	Performance Bond Form	X		
00610	Payment Bond Form	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
SPECIFICATIONS				
DIVISION 01 GENERAL REQUIREMENTS				
01110 (01 01 00)	Summary of Work	X		
01250 (01 26 00)	Contract Modification Procedures	X		
01250a (00 63 53)	Proposal Request	X		
01250b (00 63 57)	Change Order Request (Proposal)	X		
01250c (00 63 55)	Proposal Worksheet Detail	X		
01250d (00 63 54)	Proposal Worksheet Summary	X		
01250e (00 63 46)	Construction Change Directive	X		
01250f (00 63 33)	Project Consultant's Supplemental Instructions	X		
01250g (00 63 63)	Construction Change Order Form	X		
01250h (00 63 66)	Contingency Use Directives	X		
01290 (01 29 00)	Payment Procedures	X		
01290a (00 62 76)	Application for Payment	X		
01295 (01 29 50)	Direct Owner Purchasing Program	X		
01295a (01 29 50a)	Order Form - Direct Owner Purchasing Program	X		
01295b (01 29 50b)	Vendor Request Form - Direct Owner Purchasing Program	X		
01295c (01 29 50c)	Invoice Summary Form - Direct Owner Purchasing Program	X		
01310 (01 31 00)	Project Management and Coordination	X		
01310a (00 63 13)	Contractor's Request for Information (RFI)	X		
01310b (00 62 11)	Transmittal	X		
01320 (01 32 00)	Construction Progress Documentation	X		
01320a (01 32 26)	Weekly Progress Report	X		
01320b (01 32 29)	Periodic Observation Report	X		
01320c (01 32 46)	Non-Conforming Work Notice	X		
01321 (01 32 16)	Construction Schedule Critical Path Method-CPM	X		
01330 (01 33 00)	Submittal Procedures	X		
01330a (00 62 11)	Submittal Form	X		
01340 (01 33 23)	Shop Drawings, Product Data and Samples	X		
01350 (01 35 00)	Special Procedures	X		
01352 (01 81 13)	LEED for Schools Requirements	X		
01354 (01 35 46)	Construction Indoor Quality Management	X		
01410 (01 41 00)	Regulatory Requirements	X		
01420 (01 42 00)	References	X		
01430 (01 43 00)	Quality Assurance	X		
01450 (01 45 00)	Quality Control	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
01510 (01 51 00)	Temporary Utilities	X		
01520 (01 52 00)	Construction Facilities	X		
01540 (01 54 00)	Construction Aids	X		
01550 (01 55 00)	Vehicular Access and Parking	X		
01560 (01 56 00)	Temporary Barriers and Enclosures	X		
01570 (01 57 00)	Temporary Controls	X		
01572 (02 42 00)	Construction Waste Management	X		
01580 (01 58 00)	Project Identification	X		
01610 (01 60 00)	Basic Product Requirements	X		
01620 (01 62 00)	Product Options	X		
01630 (01 66 00)	Product Substitution Procedures	X		
01630a (00 63 25)	Contractor's Substitution Request	X		
01663 (01 66 00)	Product Delivery, Storage, and Handling Requirements	X		
01700 (01 70 00)	Contract Closeout	X		
01710 (01 71 00)	Examination	X		
01720 (01 71 10)	Preparation	X		
01730 (01 73 00)	Execution	X		
01735 (01 78 23)	Operation and Maintenance Data	X		
01740 (01 74 00)	Cleaning	X		
01745 (01 78 36)	Warranties	X		
01750 (01 75 00)	Starting and Adjusting	X		
01760 (01 76 00)	Protection of Installed Construction	X		
01770 (01 77 00)	Closeout Procedures	X		
01770a (01 65 16.10)	Contractor's Request for Substantial Completion Inspection	X		
01770b (01 65 16.20)	Proj. Consult's. Notification of Readiness for Sub. Comp. Insp.	X		
01770c (01 65 16.30)	SF 727 Substantial Completion Inspection	X		
01770d (01 65 16.31)	SF 728 Substantial Completion Inspection	X		
01770e (01 65 16.40)	Proj. Consult's Letter of Establishing Sub. Comp. Date	X		
01770f (01 65 19.10)	Contractor's Request for Final Completion Inspection	X		
01770g (01 65 19.20)	Proj. Consult's. Notification of Readiness for Final Comp. Inspect.	X		
01770h (01 65 19.30)	Project Consultant's Letter of Establishing Final Completion Date	X		
01780 (01 78 00)	Closeout Submittals	X		
01810 (01 91 00)	Commissioning	X		
01820 (01 79 00)	Demonstration and Training	X		
01820a (01 79 10)	Contractor's Demonstration and Training Attendance Log	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
01900 (02 43 00)	Structure Moving	X		
VOLUME 2 - Divisions 02-12				
DIVISION 02 SITE WORK				
02011 (02 30 00)	Geotechnical Report	X		
02070 (02 41 14)	Minor Demolition for Remodeling	X		
02110 (31 10 00)	Site Clearing	X		
02200 (31 00 00)	Earthwork	X		
02220 (31 23 20)	Excavation & Fill for Utility Systems	X		
02280 (31 31 00)	Soil Treatment	X		
02510 (32 12 17)	Asphaltic Concrete Paving For Parking and Drives	X		
02551 (34 41 05)	Maintenance of Traffic	X		
02580 (32 17 23)	Pavement Marking	X		
02605 (33 05 13)	Precast Manholes	X		
02660 (33 10 00)	Water Distribution	X		
02720 (33 40 00)	Storm Drainage	X		
02730 (33 30 00)	Sanitary Sewerage	X		
02811 (32 80 00)	Landscape Irrigation	X		
02830 (32 31 13)	Chain Link Fences and Gates	X		
02832 (32 31 19)	Decorative Metal Fences and Gates	X		
02848 (32 17 13)	Parking Bumpers	X		
02890 (34 41 14)	Traffic Signs and Signalization	X		
02905 (02 29 05)	Tree Relocation	X		
02931 (32 92 23)	Sodding	X		
02950 (32 90 00)	Trees, Plants and Groundcover	X		
02952 (32 01 17.64)	Asphaltic Concrete Repair and Sealing	X		
DIVISION 03 CONCRETE				
03100 (03 10 00)	Concrete Formwork	X		
03200 (03 20 00)	Concrete Reinforcement	X		
03300 (03 30 00)	Cast-in-Place Concrete	X		
03410 (03 41 34)	Precast Prestressed Concrete Joists and Beams	X		
03700 (03 01 00)	Concrete Repair	X		
DIVISION 04 MASONRY				
04200 (04 20 00)	Unit Masonry	X		
04230 (04 20 20)	Reinforced Unit Masonry	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
DIVISION 05 METALS				
05400 (05 44 10)	Cold-Formed Metal Framing	X		
05500 (05 50 00)	Metal Fabrications	X		
05511 (05 51 00)	Metal Stairs	X		
05520 (05 52 00)	Metal Handrails and Railings	X	X	
05551 (05 55 16)	Stair Nosing	X		
DIVISION 06 WOOD, PLASTICS, AND COMPOSITES				
06100 (06 10 00)	Carpentry	X		
06300 (06 05 73)	Wood Treatment	X		
06400 (06 40 00)	Architectural Woodwork	X		
DIVISION 07 THERMAL AND MOISTURE PROTECTION				
07132 (07 13 00)	Vapor-Protective Waterproofing	X		
07160 (07 16 16)	Crystalline Waterproofing	X		
07180 (07 19 16)	Water Repellents	X		
07190 (07 26 00)	Vapor Barrier	X		
07210 (07 21 00)	Building Insulation	X		
07220 (07 23 00)	Roof Insulation	X		
07270 (07 84 00)	Firestopping and Smoke Barrier Caulking	X		
07500 (07 00 00)	Roof Assembly	X		
07501 (07 51 13)	Roof Assembly Special Warranty Forms	X		
07502 (07 50 20)	RA Lightweight Insulating Concrete	X		
07540 (07 54 19)	Thermoplastic Membrane Roofing	X		
07551 (07 55 55)	RA Modified Bitumen Roofing (Torch)	X	X	
07600 (07 62 00)	Flashing and Sheet Metal	X		X
07631 (07 62 10)	Gutters and Downspouts	X		X
07716 (07 71 29)	Roof Expansion Joints	X		
07721 (07 72 10)	RA Supports for Rooftop Equipment	X		
07722 (07 72 34)	Roof Scuttles	X		
07724 (07 72 13)	Prefabricated Curbs	X		
07920 (07 92 00)	Joint Sealants	X		
07951 (07 95 13)	Expansion Joint Cover Assemblies	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
DIVISION 08				
OPENINGS				
08110 (08 11 13)	Steel Doors and Frames	X		
08210 (08 14 16)	Flush Wood Doors	X		
08305 (08 31 00)	Access Doors and Panels	X		
08333 (08 33 23)	Overhead Coiling Doors	X		
08400 (08 41 00)	Entrances & Storefronts	X		
08520 (08 51 13)	Aluminum Windows	X		
08710 (08 71 13)	Door Hardware	X		
08710A (08 71 13A)	Door Hardware Index	X		
08710B (08 71 13B)	Door Hardware Groups	X		
08710C (08 71 13C)	Door Hardware Catalog Cuts	X		
08800 (08 80 00)	Glass and Glazing	X		
DIVISION 09				
FINISHES				
09125 (09 22 27)	Plastered Ceiling Suspension Systems	X		
09220 (09 24 00)	Portland Cement Plaster (Stucco)	X		
09250 (09 29 00)	Gypsum Board	X		
09310 (09 30 13)	Ceramic Tile	X		
09510 (09 51 00)	Acoustical Ceilings	X		
09665 (09 65 00)	Resilient Tile Flooring	X		
09683 (09 68 13)	Carpet Tile	X		
09900 (09 91 00)	Painting	X		
09910 (09 91 33)	Remedial Painting	X		
09951 (09 67 23)	Resinous Flooring	X		
DIVISION 10				
SPECIALTIES				
10100 (10 15 00)	Visual Display Boards and Case	X		
10165 (10 21 13.19)	Plastic Toilet Compartments	X		
10200 (08 91 00)	Louvers & Vents	X		
10400 (10 14 00)	Identifying Devices	X		
10520 (10 44 00)	Fire Protection Specialties	X		
10532 (10 73 29)	Aluminum Walkways	X		
10652 (10 22 26.33)	Folding Panel Partitions	X		
10810 (10 28 13)	Toilet Accessories	X		
DIVISION 11				
EQUIPMENT				
Not Used				

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
DIVISION 12 FURNISHINGS				
12354 (12 35 56)	Laboratory Casework and Equipment	X		
12490 (12 21 13)	Window Treatments	X		
VOLUME 3 - Divisions 13-17				
DIVISION 13 SPECIAL CONSTRUCTION				
13100 (26 41 00)	Lightning Protection	X		
13801 (27 53 14)	Clock Control-Existing	X		
13802 (27 53 13)	Clock Control	X		
13825 (28 23 00)	Electronic Security System	X		
13845 (28 31 00)	Fire Alarm System	X		
DIVISION 14 CONVEYING SYSTEMS				
14240 (14 24 00)	Hydraulic Elevators	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
DIVISION 15	MECHANICAL			
15050 (22 05 00)	Basic Materials and Methods	X		
15052 (26 29 23)	Variable Frequency Drives	X		
15055 (26 29 24)	Motors	X		
15060 (21 05 29)	Hangers and Supports	X		
15070 (21 05 49)	Mechanical Sound & Vibration Control	X		
15075 (21 05 53)	Mechanical Identification	X		
15078 (21 05 56)	Field Painting of Mechanical Systems	X		
15083 (21 07 13)	Duct Insulation	X		
15089 (21 07 19)	Piping Insulation	X		
15100 (22 05 26)	Valves	X		
15105 (22 10 10)	Plumbing Piping	X		
15183 (23 21 13)	Hydronic Piping	X		
15184 (21 10 00)	Refrigeration Dx Piping and Specialties	X		
15188 (23 21 14)	Hydronic Specialties	X		
15280 (23 07 16)	Equipment Insulation	X		
15300 (21 10 00)	Fire Protection System	X	X	
15320 (21 31 13)	Fire Pump and Controls	X		
15410 (22 40 00)	Plumbing Fixtures	X		
15430 (22 48 00)	Plumbing Specialties	X		
15480 (22 33 00)	Domestic Water Heater	X		
15625 (23 64 27)	Air Cooled Chiller	X		
15720 (23 77 00)	Air Handling Unit	X		
15724 (23 77 01)	Dx Air Handling Unit	X		
15736 (23 81 26)	Ductless Air Conditioner	X		
15788 (23 23 24)	Refrigeration System Safety Equipment	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
15810 (23 31 13)	Metal Ducts	X		
15816 (23 13 16)	Non-Metal Ducts	X		
15845 (23 36 00)	Air Terminal Unit	X		
15850 (23 37 00)	Air Outlets and Inlets	X		
15860 (23 40 00)	Air Cleaning Devices	X		
15900 (23 09 01)	HVAC Instrumentation & Controls	X		
15940 (23 09 93)	Sequence of Operation	X		
15995 (23 05 93)	Startup & Certification of Air, Water, and Control Systems	X		
15996 (23 05 94)	Certification of Air Systems	X		
DIVISION 16	ELECTRICAL			
16010 (26 02 00)	General Provisions	X		
16020 (26 03 00)	Completion Of Work	X		
16050 (26 05 00)	Basic Materials & Methods	X		
16051 (26 05 73)	Overcurrent Protective Device Coordination Study with Arc Flash Analysis	X		
16053 (26 05 10)	Provisions for Interior Finishing	X		
16060 (26 05 26)	Grounding	X		
16072 (26 05 29)	Electrical Supporting Devices	X		
16080 (26 08 10)	Electrical Inspection and Testing	X		
16085 (26 08 20)	Cables, Splices & Terminations Testing	X		
16088 (26 08 30)	Acceptance Tests & Performance Verification	X		
16090 (26 04 00)	Alterations & Additions to Existing Work	X		
16120 (26 05 20)	Wire & Cables	X		
16129 (26 05 34)	Terminal Lugs	X		
16130 (26 05 33)	Raceways and Boxes	X		
16132 (26 05 20)	Conduit, Fittings & Supports	X		
16137 (26 05 32)	Pull and Junction Boxes	X		
16138 (26 05 37)	Outlet Boxes	X		

List of Specifications	Description	Permit Set 12-06-2018	Revision 1 01-29-2019	Revision 2 02-12-2019
16140 (26 27 26)	Wiring Devices	X		
16231 (26 32 13)	Emergency Standby Electrical Service System	X		
16400 (26 10 10)	Service and Distribution	X		
16410 (26 28 16)	Circuit Breakers	X		
16413 (26 28 16)	Safety Switches	X		
16415 (26 43 00)	Surge Protection	X		
16440 (26 24 16)	Panelboards	X		
16460 (26 22 00)	Energy Efficient Dry Type Transformers	X		
16490 (26 28 13)	Fuses	X		
16510 (26 51 00)	Interior Luminaires	X		
16520 (26 56 00)	Exterior Luminaires	X		
16724 (27 51 23.51)	Sound and Intercom/ Master Clock	X		
16726 (26 05 34)	Telephone Raceway System	X		
16900 (26 09 23)	Stand Alone Lighting Control Devices	X		
16910 (26 09 00)	Electric Systems Controls	X		
16912 (26 09 10)	Mechanical Systems Control	X		
DIVISION 17				
	COMMUNICATIONS			
17000 (27 10 00)	Voice, Data, and Video Structured Cabling Systems	X		
REQUEST FOR INFORMATION				
RFI #11 Specification Section 01110 Clarification				
RFI #12 Standardized Specifications				
RFI #13 Fundamental or Enhanced Commissioning				
RFI #14 LEED for Schools				
RFI #15 Elimination of Portable Classroom Scope				
RFI #17 Standardized Specifications				

END OF SECTION

Cypress Bay High School SMART Project
P.001774

Guaranteed Maximum Price Amendment No. 2

Attachment III – Contract Documents – Additional Contract Documents

Cypress Bay High School - Phase 2

P.001774 New Classroom Building

Date: May 29, 2019
 Owner: School Board of Broward County
 CM: The Morganti Group, Inc.
 Architect: Zyscovich Architects



Guaranteed Maximum Price

Division	Description	Estimated Quantity	Unit	Guaranteed Max Price
01000	General Construction	1	ls	\$ 48,219
02000	Existing Conditions	1	ls	\$ 266,180
03000	Concrete & Masonry	1	ls	\$ 4,913,000
05000	Metals	1	ls	\$ 218,000
06000	Wood, Plastics & Composites	1	ls	\$ 539,000
07000	Thermal and Moisture Protection	1	ls	\$ 532,000
08000	Openings	1	ls	\$ 999,425
09000	Finishes	1	ls	\$ 2,659,892
10000	Specialties	1	ls	\$ 721,727
14000	Conveying Systems	1	ls	\$ 94,484
21000	Fire Suppression	1	ls	\$ 275,300
22000	Plumbing	1	ls	\$ 800,003
23000	Mechanical	1	ls	\$ 2,038,000
26000	Electrical	1	ls	\$ 3,736,160
31000	Earthwork	1	ls	\$ 1,638,445
32000	Exterior Improvements	1	ls	\$ 368,986
	Subtotal - Division 1 - 33			\$ 19,848,821
	Overhead and Profit	4.85%	%	\$ 962,668
	General Conditions	1	ls	\$ 1,557,189
	Construction Contingency	5.0%	%	\$ 921,645
	Subtotal			\$ 23,290,323
	Payment and Performance Bonds	0.0075	ls	\$ 177,425
	General Liability Insurance	0.008	ls	\$ 189,253

TOTAL GMP \$ 23,657,000

Subcontractor Summary

Bid Package	Description	Bidder	M/WBE Value	Amount of Proposal	Addendum Received	Amount Utilized in GMP
DIVISION 01000 General Requirements						
1A	Survey	Marlin Engineering	\$48,219	\$48,219	1,2,3	\$48,219
DIVISION 02000 Existing Conditions						
2A	Demolition	N & P Demolition and Construction	\$266,180	\$266,180	1,2,3	\$266,180
DIVISION 03000 Concrete & Masonry						
3A	Concrete and Masonry	Central Broward Masonry		\$4,913,000	1,2,3	\$4,913,000
DIVISION 05000 Metals						
5A	Structural Steel	Southern Custom Iron		\$218,000	1,2,3	\$218,000
DIVISION 06000 Woods, Plastics and Composites						
6B	Casework and Millwork	Mark Products of Georgia		\$539,000	1,2,3	\$539,000
DIVISION 07000 Thermal and Moisture Protection						
7B	Roofing	Atlas Apex Roofing		\$532,000	1,2,3	\$532,000
DIVISION 08000 Openings						
8A	Door Supplier	Next Door		\$259,000	1,2,3	\$259,000
8B	Door Installer	TQS		\$33,000	1,2,3	\$33,000
8C	Overhead Door	Overhead Door of South Florida		\$16,425	1,2,3	\$16,425
8D	Storefront and Windows	No Limit Glass		\$691,000	1,2,3	\$691,000
DIVISION 09000 Finishes						
9A	Stucco	Atlantic Interiors		\$397,422	1,2,3	\$397,422
9B	Gypsum Board Assemblies	Everlast Drywall		\$1,289,400	1,2,3	\$1,289,400
9C	Ceramic Tile	Accousti		\$167,943	1,2,3	\$167,943

Bid Package	Description	Bidder	M/WBE Value	Amount of Proposal	Addendum Received	Amount Utilized in GMP
9D	VCT and Carpet	Accousti		\$391,648	1,2,3	\$391,648
9E	Accoustical Assemblies	Accousti		\$202,949	1,2,3	\$202,949
9F	Painting	Talbot		\$177,530	1,2,3	\$210,530
DIVISION 10000 Specialties						
10A	Magnetic Marker Boards	Classroom Outfitters	\$73,400	\$73,400	1,2,3	\$73,400
10B	Toilet Compartments and Accessories	Mardale Specialties Direct		\$60,130	1,2,3	\$60,130
10C	Signage	McNeil Signs		\$97,881	1,2,3	\$97,881
10D	Misc. Specialties	Misc. - Hufcor, Metro Fire, Hile's Curtains, FHS Crane, State Line		\$256,832	1,2,3	\$256,832
10E	Walkway Covers	Perfection Architectural Systems		\$233,484	1,2,3	\$233,484
DIVISION 13000 Special Construction						
13A	Moving Portables	By Owner		\$0	1,2,3	\$0
DIVISION 14000 Conveying Systems						
14A	Elevator	thyssenkrupp		\$94,484	1,2,3	\$94,484
DIVISION 21000 Fire Supression						
21A	Fire Suppression	Brothers Fire Protection		\$270,300	1,2,3	\$275,300
DIVISION 22000 Plumbing						
22A	Plumbing	Pinnacle Plumbing		\$800,003	1,2,3	\$800,003
DIVISION 23000 Mechanical						
23A	HVAC and Mechanical	Hyvac	\$2,038,000	\$2,038,000	1,2,3	\$2,038,000
DIVISION 26000 Electrical						
26A	Electrical	Hyvac	\$3,736,160	\$3,736,160	1,2,3	\$3,736,160

Bid Package	Description	Bidder	M/WBE Value	Amount of Proposal	Addendum Received	Amount Utilized in GMP
DIVISION 31000 Earthwork						
31A	Earthwork	Ram-Tech	\$1,638,445	\$1,638,445	1,2,3	\$1,638,445
DIVISION 32000 Exterior Improvements						
32A	Site Fencing	Tropic Fence	\$80,164	\$80,164	1,2,3	\$80,164
32F	Landscaping	Florida Exotic	\$288,822	\$288,822	1,2,3	\$288,822
Subtotal:						\$19,848,821

M/WBE Subcontractor Total \$8,169,390.00
 M/WBE Cooper Construction \$548,416.23
 M/WBE Total Dollars \$8,717,806.23
 M/WBE Percentage of GMP 36.85%

CM Fee	0.048500	\$ 962,668
Construction Contingency		\$ 921,645
General Conditions		\$ 1,557,189
Bond		\$ 177,425
Builders Risk	0.014500	\$ -
GL Insurance	0.008000	\$ 189,253
Total GMP		\$ 23,657,000

CYPRESS BAY HIGH SCHOOL SMART PROGRAM RENOVATIONS
 BROWARD COUNTY PUBLIC SCHOOLS
 THE MORGANTI GROUP INC.
 PHASE 2 GMP GENERAL CONDITIONS

5/29/2019

ITEM DESCRIPTION	Utilization Rate	QTY.	Unit	Unit Cost	Cost	Remarks
TESTING AND COMMISSIONING						
Third Party Testing & Inspections	1	1	ls.	-	\$ -	see below by owner
Fundamental Commissioning & LEED for schools	1	1	ls.	-	\$ -	by owner
TEMPORARY FACILITIES						
Field Office - Contractor	1	10	mo.	1,300.00	\$ 13,000	see below
Set-up & Removal	1	1	ea.	-	\$ -	in Phase 1
Field Office Entry Platforms	1	10	mo.	145.00	\$ 1,450	
Field Office Furniture - Contractor			ls.		\$ -	in Phase 1
Conference Table w/ 8 Chairs	1	1	ls.	-	\$ -	in Phase 1
Field Office Janitor Service - Trailer	1	10	mo.	140.00	\$ 1,400	
Chemical Toilets - Contractor	3	10	mo.	125.00	\$ 3,750	
Septic Holding Tanks - Contractor	1	10	mo.	295.00	\$ 2,950	
TEMPORARY CONSTRUCTION						
Temporary Fence / 6' Windscreen - Rent	1	2,500	lf.	10.00	\$ 25,000	see below
Temporary Job Fence Repair / Relocation	1	2,500	lf.	3.00	\$ 7,500	
Job Signs	1	1	ls.	250.00	\$ 250	some in Phase 1
SITE SECURITY						
Security Guard	1	-	mo.	6,000.00	\$ -	Negotiated out
CLEAN UP						
Final Cleaning	1	1	ls.	45,000.00	\$ 45,000	see below
20 YD - Dumpster	1	98	ld.	535.00	\$ 52,430	
TEMPORARY LABOR						
Temporary Construction Labor	1	1	ls	20,000.00	\$ 20,000	see below
PERMIT & IMPACT FEES						
	-	-		-	\$ -	excluded
SUPPLIES						
Office Supplies	1	10	mo.	300.00	\$ 3,000	see below
Project Management Bluebeam Software Licenses	4	1	ea.	499.00	\$ 1,996	per license, one time
Viewpoint Construction Management Program	7	10	ea.	100.00	\$ 7,000	per license, per month
Cell Phones	5	10	ea.	75.00	\$ 3,750	allowed per article 25
Hardline Telephone / Fax	1	10	ea.	175.00	\$ 1,750	allowed per article 26
Staff Computers	1	4	ea.	1,300.00	\$ 4,096	allowed per article 25
Refrigerator	1	1	ea.	-	\$ -	in Phase 1
Postage & Overnight Mail	1	10	mo.	200.00	\$ 2,000	allowed per article 25
Safety Supplies	1	10	mo.	200.00	\$ 2,000	allowed per article 25
Drug Test Program	1	6	ea.	75.00	\$ 450	required by specifications
Jessica Lunsford Act	1	6	ea.	125.00	\$ 750	required by specifications
Progress Photos	1	10	mo.	25.00	\$ 250	required by specifications
Progress Photos - Aerials by Drone	1	10	mo.	150.00	\$ 1,500	required by specifications
Progress Photos - Professional Photographer	1	10	mo.	250.00	\$ 2,500	required by specifications
Copier	1	1	ea.	7,500.00	\$ 7,500	required by specifications
First Aid / Safety Supplies	1	10	mo.	65.00	\$ 650	required by specifications
Eye Wash Station	1	1	ea.	1,500.00	\$ 1,500	required by specifications
Safety Shower	1	1	ea.	1,500.00	\$ 1,500	required by specifications
Designated Safety/Point Gathering Area	1	1	ea.	150.00	\$ 150	required by specifications
Hard Hats - Staff	1	10	ea.	45.00	\$ 450	required by specifications
Hard Hats - Guests	1	10	ea.	45.00	\$ 450	required by specifications
Water Cooler	1	10	mo.	65.00	\$ 650	required by specifications
Bottled Water	1	10	mo.	50.00	\$ 500	required by specifications
Weather Thermometer (Weather Station)	1	1	ea.	550.00	\$ 550	required by specifications

CYPRESS BAY HIGH SCHOOL SMART PROGRAM RENOVATIONS
 BROWARD COUNTY PUBLIC SCHOOLS
 THE MORGANTI GROUP INC.
 PHASE 2 GMP GENERAL CONDITIONS

5/29/2019

ITEM DESCRIPTION	Utilization Rate	QTY.	Unit	Unit Cost	Cost	Remarks
Reproduction Expenses	1	6	set	150.00	\$ 900	allowed per article 25
UTILITIES						<i>see below</i>
Construction Power - Meter & Pole Install for Trailer	1	1	ea.	-	\$ -	in Phase 1
Construction Power - Site Lighting Install for Trailer	1	1	ea.	-	\$ -	in Phase 1
Construction Power - Meter & Pole Install Balance	1	1	ea.	-	\$ -	Owner allowed connection to power on campus
Water Consumption - Water Line Installation for Trailer	1	1	ls.	-	\$ -	in Phase 1
Internal Networking Hub - Intranet Installation	1	1	ls.	-	\$ -	in Phase 1
Construction Electric Power - Monthly	1	16	mo.	350.00	\$ 5,600	Monthly electric
Construction Electric Power - Monthly with AC	1	4	mo.	5,500.00	\$ 22,000	Monthly electric for AC on
Water Consumption - Monthly	1	16	mo.	225.00	\$ 3,600	Monthly water
Internet - Monthly	1	16	mo.	125.00	\$ 2,000	Monthly internet
Internet - Installation	1	1	ea.	12,000.00	\$ 12,000	Internet installation
Field Office Security System - Monthly	1	16	mo.	120.00	\$ 1,920	Monthly security system
HOISTING						<i>see below</i>
Stair Scaffolding	2	6	mo.	2,500.00	\$ 30,000	
Trash Chute	1	6	mo.	2,000.00	\$ 12,000	
					\$ -	
EQUIPMENT			ls.		\$ -	
Utility Cart - Used	1	1	ea.	4,000.00	\$ 4,000	allowed per article 25
Mechanical Lull & Cart Fuel and Maintenance	1	10	mo.	500.00	\$ 5,000	allowed per article 25
SCHEDULING						<i>see below</i>
Scheduling Set-Up	1	1	ea.	5,000.00	\$ 5,000	
Scheduling Updates	1	10	mo.	250.00	\$ 2,500	
MISC. REQUIREMENTS						<i>see below</i>
Project Closeout	1	1	ls.	2,000.00	\$ 2,000	
SUB TOTAL GENERAL CONDITIONS					\$ 326,192	
STAFFING	1	1	ls.	\$ 1,230,997.10	\$ 1,230,997	
TOTAL GENERAL CONDITIONS					\$ 1,557,189	



The School Board of Broward County, Florida
Facilities Design & Construction
 2301 NW 26th Street
 Fort Lauderdale, Florida 33311

754-321-1500

Document 00435: Schedule of Values

Project No: P.001774
 Location No:
 Project Title: GMP - 02 SMART Project Renovations
 Facility Name: Cypress Bay High School - Phase 2
 Contractor: The Morganti Group, Inc.

Application No:
 Application Date:
 Period To:

Architects Project No:

A Item No.	B Project Manual Division/ Section No.	C Description of Work	D Scheduled Value	E Work Completed		G Materials Presently Stored to Date (Not in E or F)	H Total Completed & Stored to Date (E+F+G)	I % H/D	J Balance to Finish (D-H)	K Retainage
				From Previous Application (E+F)	This Period					
10.00		General Construction	\$ 48,219	\$ -	\$ -	\$ -	\$ -	0%	\$ 48,219	\$ -
20.00		Existing Conditions	\$ 266,180	\$ -	\$ -	\$ -	\$ -	0%	\$ 266,180	\$ -
30.00		Concrete and Masonry	\$ 4,913,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 4,913,000	\$ -
40.00		Metals	\$ 218,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 218,000	\$ -
50.00		Wood, Plastics and Composites	\$ 539,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 539,000	\$ -
60.00		Thermal and Moisture Protection	\$ 532,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 532,000	\$ -
70.00		Openings	\$ 999,425	\$ -	\$ -	\$ -	\$ -	0%	\$ 999,425	\$ -
80.00		Finishes	\$ 2,659,892	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,659,892	\$ -
90.00		Specialties	\$ 721,727	\$ -	\$ -	\$ -	\$ -	0%	\$ 721,727	\$ -
100.00		Conveying Systems	\$ 94,484	\$ -	\$ -	\$ -	\$ -	0%	\$ 94,484	\$ -
110.00		Fire Suppression	\$ 275,300	\$ -	\$ -	\$ -	\$ -	0%	\$ 275,300	\$ -
120.00		Plumbing	\$ 800,003	\$ -	\$ -	\$ -	\$ -	0%	\$ 800,003	\$ -
130.00		Mechanical (HVAC)	\$ 2,038,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,038,000	\$ -
140.00		Electrical	\$ 3,736,160	\$ -	\$ -	\$ -	\$ -	0%	\$ 3,736,160	\$ -
150.00		Earthwork	\$ 1,638,445	\$ -	\$ -	\$ -	\$ -	0%	\$ 1,638,445	\$ -
160.00		Exterior Improvements	\$ 368,986	\$ -	\$ -	\$ -	\$ -	0%	\$ 368,986	\$ -
300.00		Construction Management Staff	\$ 1,230,997	\$ -	\$ -	\$ -	\$ -	0%	\$ 1,230,997	\$ -
310.00		General Conditions	\$ 326,192	\$ -	\$ -	\$ -	\$ -	0%	\$ 326,192	\$ -
320.00		General Liability Insurance	\$ 189,253	\$ -	\$ -	\$ -	\$ -	0%	\$ 189,253	\$ -
330.00		Bonds	\$ 177,425	\$ -	\$ -	\$ -	\$ -	0%	\$ 177,425	\$ -
400.00		Construction Contingency	\$ 921,645	\$ -	\$ -	\$ -	\$ -	0%	\$ 921,645	\$ -
410.00		Construction Managers Fee	\$ 962,668	\$ -	\$ -	\$ -	\$ -	0%	\$ 962,668	\$ -
		Buy-Out Savings	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	\$ -
		DPO Deducts	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	\$ -
		Change Orders	\$ -	\$ -	\$ -	\$ -	\$ -	0%	\$ -	\$ -
		TOTAL COST	\$ 23,657,000	\$ -	\$ -	\$ -	\$ -	0%	\$ 23,657,000	\$ -

Basis of Costs, Assumptions and Clarifications

1. The CMAR construction offices shall be powered from electrical service already on site on the secondary side of the existing school electrical meter. A sub-meter will be installed to measure the CMAR's electrical consumption.

Cypress Bay High School SMART Project
P.001774

Guaranteed Maximum Price Amendment No. 2

Attachment IV – Contract Documents – Salary and Wage Schedule

CYPRESS BAY HIGH SCHOOL SMART PROGRAM RENOVATIONS
 BROWARD COUNTY PUBLIC SCHOOLS
 THE MORGANTI GROUP INC.
 PHASE 2 GMP STAFFING

5/29/2019

ITEM #	POSITION OR TITLE OF STAFF	UTILIZATION RATE	QTY IN MONTHS	UNIT PRICE	TOTAL LABOR	BURDEN RATE	TOTAL w/ RATE
Construction							
1	Senior Project Manager / Jeff Melvin	1.00	16.00	\$ 12,500	\$200,000	1.3764	\$275,280
2	Morganti Lead Superintendent # 1 / RJ Madzi	1.00	11.00	\$ 11,880	\$130,680	1.3764	\$179,868
3	Cooper Superintendent # 2 / TBD	1.00	16.00	\$ 11,880	\$190,080	1.3764	\$261,626
4	Asst. Morganti Superintendent # 3 / TBD	1.00	13.00	\$ 9,000	\$117,000	1.3764	\$161,039
5	Morganti Asst. Project Manager / J. Eppy	1.00	16.00	\$ 8,360	\$133,760	1.3764	\$184,107
6	Cooper Project Administrator / TBD	1.00	14.00	\$ 5,450	\$76,300	1.3764	\$105,019
	SUBTOTAL						\$1,166,939
Close Out							
1	Morganti Project Manager / TBD	0.50	2.00	\$ 11,880	\$11,880	1.3764	\$16,352
2	Morganti Lead Superintendent # 1 / RJ Madzi	1.00	2.00	\$ 11,880	\$23,760	1.3764	\$32,703
3	Cooper Project Administrator / TBD	1.00	2.00	\$ 5,450	\$10,900	1.3764	\$15,003
	SUBTOTAL						\$64,058
TOTAL STAFF COSTS							\$1,230,997

Cypress Bay High School SMART Project
P.001774

Guaranteed Maximum Price Amendment No. 2

Attachment V – Contract Documents – The Construction Schedule

SUB 1370	Bld - Exterior Window PD & SD	25d	25d	30JUL19	27AUG19	0	141d
SUB 1380	Bld - Waterproofing PD & SD	10d	10d	30JUL19	09AUG19	0	347d
SUB 1390	Bld - Roofing Manufacturer PD & SD	15d	15d	30JUL19	15AUG19	0	205d
SUB 1400	Bld - Light Weight Roofing SD	15d	15d	30JUL19	15AUG19	0	210d
SUB 1410	Bld - HVAC Ductwork PD & SD	20d	20d	05AUG19	27AUG19	0	155d
SUB 1420	Bld - HVAC Mechanical Equipment PD & SD	15d	15d	05AUG19	21AUG19	0	200d
SUB 1430	Bld - HVAC Chiller Equipment PD & SD	10d	10d	05AUG19	15AUG19	0	1d
SUB 1440	Bld - Metal Framing & Drywall PD	10d	10d	05AUG19	15AUG19	0	180d
SUB 1450	Bld - Casework/Millwork PD & SD	20d	20d	05AUG19	27AUG19	0	302d
SUB 1460	Bld - Exterior Stucco Finishes PD & SD	15d	15d	05AUG19	21AUG19	0	216d
SUB 1470	Bld - Exterior Painting PD	10d	10d	05AUG19	15AUG19	0	241d
SUB 1480	Bld - Interior Painting Finishes PD	10d	10d	05AUG19	15AUG19	0	248d
SUB 1490	Bld - Plumbing Fixtures - PD & SD	15d	15d	10AUG19	27AUG19	0	244d
SUB 1500	Bld - Plumbing Piping & Fitting PD	10d	10d	10AUG19	21AUG19	0	170d
SUB 1510	Bld - Ceramic Tile Material PD & SD	15d	15d	10AUG19	27AUG19	0	244d
SUB 1520	Bld - Floor Finishes Material PD & SD	15d	15d	10AUG19	27AUG19	0	238d
SUB 1530	Bld - Toilet Accessories PD	15d	15d	10AUG19	27AUG19	0	261d
SUB 1540	Bld - Misc Accessories PD & SD	15d	15d	10AUG19	27AUG19	0	253d
SUB 1550	Bld - Toilet Compartment PD & SD	20d	20d	10AUG19	02SEP19	0	233d
SUB 1560	Bld - Acoustical Tile & Grid PD & SD	15d	15d	10AUG19	27AUG19	0	233d
SUB 1570	Bld - IT Cable Tray PD & SD	10d	10d	10AUG19	21AUG19	0	239d
SUB 1580	Bld - IT Equipment & Wiring PD & SD	10d	10d	10AUG19	21AUG19	0	234d
SUB 1590	Bld - Fire Alarm Systems PD & SD	20d	20d	10AUG19	02SEP19	0	209d

Morganti Submittal Review Process

MGI 1020	Site Port - Sidewalk Concrete Mix Design	5d	5d	17JUL19	23JUL19	0	372d
MGI 1000	MGI - Construction Temp. Barricades Logistics	5d	5d	25JUL19	30JUL19	0	391d
MGI 1010	MGI - Construction Logistics Plan	5d	5d	25JUL19	30JUL19	0	391d
MGI 1030	Site Port - Protatable Walkway Canopies	5d	5d	30JUL19	03AUG19	0	339d
MGI 1060	Site - Underground Mech. Piping PD & SD	5d	5d	30JUL19	03AUG19	0	21d
MGI 1070	Site - Underground Electric Piping PD & SD	5d	5d	30JUL19	03AUG19	0	21d
MGI 1080	Site - Underground Storm Piping PD & SD	5d	5d	30JUL19	03AUG19	0	1d
MGI 1090	Site - Strom Structure PD & SD	5d	5d	30JUL19	03AUG19	0	1d
MGI 1100	Site - Waterline Piping PD & SD	5d	5d	30JUL19	03AUG19	0	347d
MGI 1110	Site - Waterline Fittings PD	5d	5d	30JUL19	03AUG19	0	349d
MGI 1120	Site - Fireline Piping PD & SD	5d	5d	30JUL19	03AUG19	0	347d
MGI 1140	Bld - Building Found. Conc. Mix Designs	5d	5d	30JUL19	03AUG19	0	49d
MGI 1130	Site - Site Lighting Poles & Base PD & SD	5d	5d	05AUG19	09AUG19	0	299d
MGI 1170	Bld - Vertical Conc. Reinforcements PD & SD	5d	5d	05AUG19	09AUG19	0	31d
MGI 1200	Bld - Masonry Wall PD & SD	5d	5d	05AUG19	09AUG19	0	39d
MGI 1270	Bld - Stairwell Concrete SD	5d	5d	05AUG19	09AUG19	0	69d
MGI 1300	Site - Asphalt Mix Designs PD	5d	5d	05AUG19	09AUG19	0	335d
MGI 1150	Bld - Foundation Reinforcements PD & SD	5d	5d	10AUG19	15AUG19	0	26d
MGI 1180	Bld - Elevated Slab Shoring Plan PD & SD	5d	5d	10AUG19	15AUG19	0	58d
MGI 1190	Bld - Misc. Metal Package PD & SD	5d	5d	10AUG19	15AUG19	0	39d
MGI 1210	Bld - Electrical Underground Layout SD	5d	5d	10AUG19	15AUG19	0	49d
MGI 1220	Bld - Misc. Electrical Submittals PD	5d	5d	10AUG19	15AUG19	0	39d
MGI 1230	Bld - Plumbing Submittals PD	5d	5d	10AUG19	15AUG19	0	342d
MGI 1240	Bld - Plumbing Underground Layout SD	5d	5d	10AUG19	15AUG19	0	49d
MGI 1250	Bld - Mechanical Submittals PD	5d	5d	10AUG19	15AUG19	0	337d
MGI 1260	Bld - Mechanical Underground Layout SD	5d	5d	10AUG19	15AUG19	0	44d
MGI 1280	Bld - Stairwell Concrete Handrail SD	5d	5d	10AUG19	15AUG19	0	79d
MGI 1330	Bld - Intercom systems PD & SD	5d	5d	10AUG19	15AUG19	0	234d
MGI 1340	Site - Sidewalk & Curbing Mix Designs	5d	5d	10AUG19	15AUG19	0	352d
MGI 1410	Bld - Waterproofing PD & SD	5d	5d	10AUG19	15AUG19	0	347d
MGI 1160	Bld - Elevated Slab Precast Beam SD	5d	5d	16AUG19	21AUG19	0	47d
MGI 1290	Bld - Electrical Switchgear PD & SD	5d	5d	16AUG19	21AUG19	0	219d
MGI 1310	Site - Parking Lot Stripping & Signage	5d	5d	16AUG19	21AUG19	0	339d
MGI 1320	Bld - Emergency Generator PD & SD	5d	5d	16AUG19	21AUG19	0	317d
MGI 1350	Bld - Fire Sprinkler PD & SD	5d	5d	16AUG19	21AUG19	0	176d
MGI 1420	Bld - Roofing Manufacturer PD & SD	5d	5d	16AUG19	21AUG19	0	205d
MGI 1430	Bld - Light Weight Roofing SD	5d	5d	16AUG19	21AUG19	0	210d

t date 16-EB19
sh date 08JAN21
t date 28MAY19
date 28MAY19
e number 2A

<input type="checkbox"/> Bld - Exterior Window PD & SD
<input type="checkbox"/> Bld - Waterproofing PD & SD
<input type="checkbox"/> Bld - Roofing Manufacturer PD & SD
<input type="checkbox"/> Bld - Light Weight Roofing SD
<input type="checkbox"/> Bld - HVAC Ductwork PD & SD
<input type="checkbox"/> Bld - HVAC Mechanical Equipment PD & SD
<input type="checkbox"/> Bld - HVAC Chiller Equipment PD & SD
<input type="checkbox"/> Bld - Metal Framing & Drywall PD
<input type="checkbox"/> Bld - Casework/Millwork PD & SD
<input type="checkbox"/> Bld - Exterior Stucco Finishes PD & SD
<input type="checkbox"/> Bld - Exterior Painting PD
<input type="checkbox"/> Bld - Interior Painting Finishes PD
<input type="checkbox"/> Bld - Plumbing Fixtures - PD & SD
<input type="checkbox"/> Bld - Plumbing Piping & Fitting PD
<input type="checkbox"/> Bld - Ceramic Tile Material PD & SD
<input type="checkbox"/> Bld - Floor Finishes Material PD & SD
<input type="checkbox"/> Bld - Toilet Accessories PD
<input type="checkbox"/> Bld - Misc Accessories PD & SD
<input type="checkbox"/> Bld - Toilet Compartment PD & SD
<input type="checkbox"/> Bld - Acoustical Tile & Grid PD & SD
<input type="checkbox"/> Bld - IT Cable Tray PD & SD
<input type="checkbox"/> Bld - IT Equipment & Wiring PD & SD
<input type="checkbox"/> Bld - Fire Alarm Systems PD & SD

<input type="checkbox"/> Site Port - Sidewalk Concrete Mix Design
<input type="checkbox"/> MGI - Construction Temp. Barricades Logistics
<input type="checkbox"/> MGI - Construction Logistics Plan
<input type="checkbox"/> Site Port - Protatable Walkway Canopies
<input type="checkbox"/> Site - Underground Mech. Piping PD & SD
<input type="checkbox"/> Site - Underground Electric Piping PD & SD
<input type="checkbox"/> Site - Underground Storm Piping PD & SD
<input type="checkbox"/> Site - Strom Structure PD & SD
<input type="checkbox"/> Site - Waterline Piping PD & SD
<input type="checkbox"/> Site - Waterline Fittings PD
<input type="checkbox"/> Site - Fireline Piping PD & SD
<input type="checkbox"/> Bld - Building Found. Conc. Mix Designs
<input type="checkbox"/> Site - Site Lighting Poles & Base PD & SD
<input type="checkbox"/> Bld - Vertical Conc. Reinforcements PD & SD
<input type="checkbox"/> Bld - Masonry Wall PD & SD
<input type="checkbox"/> Bld - Stairwell Concrete SD
<input type="checkbox"/> Site - Asphalt Mix Designs PD
<input type="checkbox"/> Bld - Foundation Reinforcements PD & SD
<input type="checkbox"/> Bld - Elevated Slab Shoring Plan PD & SD
<input type="checkbox"/> Bld - Misc. Metal Package PD & SD
<input type="checkbox"/> Bld - Electrical Underground Layout SD
<input type="checkbox"/> Bld - Misc. Electrical Submittals PD
<input type="checkbox"/> Bld - Plumbing Submittals PD
<input type="checkbox"/> Bld - Plumbing Underground Layout SD
<input type="checkbox"/> Bld - Mechanical Submittals PD
<input type="checkbox"/> Bld - Mechanical Underground Layout SD
<input type="checkbox"/> Bld - Stairwell Concrete Handrail SD
<input type="checkbox"/> Bld - Intercom systems PD & SD
<input type="checkbox"/> Site - Sidewalk & Curbing Mix Designs
<input type="checkbox"/> Bld - Waterproofing PD & SD
<input type="checkbox"/> Bld - Elevated Slab Precast Beam SD
<input type="checkbox"/> Bld - Electrical Switchgear PD & SD
<input type="checkbox"/> Site - Parking Lot Stripping & Signage
<input type="checkbox"/> Bld - Emergency Generator PD & SD
<input type="checkbox"/> Bld - Fire Sprinkler PD & SD
<input type="checkbox"/> Bld - Roofing Manufacturer PD & SD
<input type="checkbox"/> Bld - Light Weight Roofing SD



MGI 1460	Bld - HVAC Chiller Equipment PD & SD	5d	5d	16AUG19	21AUG19	0	1d
MGI 1470	Bld - Metal Framing & Drywall PD	5d	5d	16AUG19	21AUG19	0	180d
MGI 1500	Bld - Exterior Painting PD	5d	5d	16AUG19	21AUG19	0	241d
MGI 1510	Bld - Interior Painting Finishes PD	5d	5d	16AUG19	21AUG19	0	248d
MGI 1360	Bld - Door Frames & Door PD & SD	5d	5d	22AUG19	27AUG19	0	156d
MGI 1370	Bld - Door Hardware PD	5d	5d	22AUG19	27AUG19	0	224d
MGI 1380	Bld - Elevator Equipment PD & SD	5d	5d	22AUG19	27AUG19	0	302d
MGI 1390	Bld - Elevator Car Finishes PD & SD	5d	5d	22AUG19	27AUG19	0	302d
MGI 1450	Bld - HVAC Mechanical Equipment PD & SD	5d	5d	22AUG19	27AUG19	0	200d
MGI 1490	Bld - Exterior Stucco Finishes PD & SD	5d	5d	22AUG19	27AUG19	0	216d
MGI 1530	Bld - Plumbing Piping & Fitting PD	5d	5d	22AUG19	27AUG19	0	170d
MGI 1600	Bld - IT Cable Tray PD & SD	5d	5d	22AUG19	27AUG19	0	239d
MGI 1610	Bld - IT Equipment & Wiring PD & SD	5d	5d	22AUG19	27AUG19	0	234d
MGI 1630	Bld - Electrical Light Fixture Package PD & SD	5d	5d	22AUG19	27AUG19	0	213d
MGI 1400	Bld - Exterior Window PD & SD	5d	5d	28AUG19	02SEP19	0	141d
MGI 1440	Bld - HVAC Ductwork PD & SD	5d	5d	28AUG19	02SEP19	0	155d
MGI 1480	Bld - Casework/Millwork PD & SD	5d	5d	28AUG19	02SEP19	0	302d
MGI 1520	Bld - Plumbing Fixtures - PD & SD	5d	5d	28AUG19	02SEP19	0	244d
MGI 1540	Bld - Ceramic Tile Material PD & SD	5d	5d	28AUG19	02SEP19	0	244d
MGI 1550	Bld - Floor Finishes Material PD & SD	5d	5d	28AUG19	02SEP19	0	238d
MGI 1560	Bld - Toilet Accessories PD	5d	5d	28AUG19	02SEP19	0	261d
MGI 1570	Bld - Misc Accessories PD & SD	5d	5d	28AUG19	02SEP19	0	253d
MGI 1590	Bld - Acoustical Tile & Grid PD & SD	5d	5d	28AUG19	02SEP19	0	233d
MGI 1580	Bld - Toilet Compartment PD & SD	5d	5d	03SEP19	07SEP19	0	233d
MGI 1620	Bld - Fire Alarm Systems PD & SD	5d	5d	03SEP19	07SEP19	0	209d

A&E Submittal Process & Approval Process

A&E 1020	Site Port - Sidewalk Concrete Mix Design	10d	10d	24JUL19	03AUG19	0	372d
A&E 1000	MGI - Construction Temp. Barricades Logistics	10d	10d	31JUL19	10AUG19	0	391d
A&E 1010	MGI - Construction Logistics Plan	10d	10d	31JUL19	10AUG19	0	391d
A&E 1030	Site Port - Protatable Walkway Canopies	10d	10d	05AUG19	15AUG19	0	339d
A&E 1060	Site - Underground Mech. Piping PD & SD	10d	10d	05AUG19	15AUG19	0	21d
A&E 1070	Site - Underground Electric Piping PD & SD	10d	10d	05AUG19	15AUG19	0	21d
A&E 1080	Site - Underground Storm Piping PD & SD	10d	10d	05AUG19	15AUG19	0	1d
A&E 1090	Site - Strom Structure PD & SD	10d	10d	05AUG19	15AUG19	0	1d
A&E 1100	Site - Waterline Piping PD & SD	10d	10d	05AUG19	15AUG19	0	347d
A&E 1110	Site - Waterline Fittings PD	10d	10d	05AUG19	15AUG19	0	349d
A&E 1120	Site - Fireline Piping PD & SD	10d	10d	05AUG19	15AUG19	0	347d
A&E 1140	Bld - Building Found. Conc. Mix Designs	10d	10d	05AUG19	15AUG19	0	49d
A&E 1130	Site - Site Lighting Poles & Base PD & SD	10d	10d	10AUG19	21AUG19	0	299d
A&E 1170	Bld - Vertical Conc. Reinforcements PD & SD	10d	10d	10AUG19	21AUG19	0	31d
A&E 1200	Bld - Masonry Wall PD & SD	10d	10d	10AUG19	21AUG19	0	39d
A&E 1270	Bld - Stairwell Concrete SD	10d	10d	10AUG19	21AUG19	0	69d
A&E 1300	Site - Asphalt Mix Designs PD	10d	10d	10AUG19	21AUG19	0	335d
A&E 1150	Bld - Foundation Reinforcements PD & SD	10d	10d	16AUG19	27AUG19	0	26d
A&E 1180	Bld - Elevated Slab Shoring Plan PD & SD	10d	10d	16AUG19	27AUG19	0	58d
A&E 1190	Bld - Misc. Metal Package PD & SD	10d	10d	16AUG19	27AUG19	0	39d
A&E 1210	Bld - Electrical Underground Layout SD	10d	10d	16AUG19	27AUG19	0	49d
A&E 1220	Bld - Misc. Electrical Submittals PD	10d	10d	16AUG19	27AUG19	0	39d
A&E 1230	Bld - Plumbing Submittals PD	10d	10d	16AUG19	27AUG19	0	342d
A&E 1240	Bld - Plumbing Underground Layout SD	10d	10d	16AUG19	27AUG19	0	49d
A&E 1250	Bld - Mechanical Submittals PD	10d	10d	16AUG19	27AUG19	0	337d
A&E 1260	Bld - Mechanical Underground Layout SD	10d	10d	16AUG19	27AUG19	0	44d
A&E 1280	Bld - Stairwell Concrete Handrail SD	10d	10d	16AUG19	27AUG19	0	79d
A&E 1330	Bld - Intercom systems PD & SD	10d	10d	16AUG19	27AUG19	0	234d
A&E 1340	Site - Sidewalk & Curbing Mix Designs	10d	10d	16AUG19	27AUG19	0	352d
A&E 1410	Bld - Waterproofing PD & SD	10d	10d	16AUG19	27AUG19	0	347d
A&E 1160	Bld - Elevated Slab Precast Beam SD	10d	10d	22AUG19	02SEP19	0	47d
A&E 1290	Bld - Electrical Switchgear PD & SD	10d	10d	22AUG19	02SEP19	0	219d
A&E 1310	Site - Parking Lot Stripping & Signage	10d	10d	22AUG19	02SEP19	0	339d
A&E 1320	Bld - Emergency Generator PD & SD	10d	10d	22AUG19	02SEP19	0	317d
A&E 1350	Bld - Fire Sprinkler PD & SD	10d	10d	22AUG19	02SEP19	0	176d

- Bld - HVAC Chiller Equipment PD & SD
- Bld - Metal Framing & Drywall PD
- Bld - Exterior Painting PD
- Bld - Interior Painting Finishes PD
- Bld - Door Frames & Door PD & SD
- Bld - Door Hardware PD
- Bld - Elevator Equipment PD & SD
- Bld - Elevator Car Finishes PD & SD
- Bld - HVAC Mechanical Equipment PD & SD
- Bld - Exterior Stucco Finishes PD & SD
- Bld - Plumbing Piping & Fitting PD
- Bld - IT Cable Tray PD & SD
- Bld - IT Equipment & Wiring PD & SD
- Bld - Electrical Light Fixture Package PD & SD
- Bld - Exterior Window PD & SD
- Bld - HVAC Ductwork PD & SD
- Bld - Casework/Millwork PD & SD
- Bld - Plumbing Fixtures - PD & SD
- Bld - Ceramic Tile Material PD & SD
- Bld - Floor Finishes Material PD & SD
- Bld - Toilet Accessories PD
- Bld - Misc Accessories PD & SD
- Bld - Acoustical Tile & Grid PD & SD
- Bld - Toilet Compartment PD & SD
- Bld - Fire Alarm Systems PD & SD

- Site Port - Sidewalk Concrete Mix Design
- MGI - Construction Temp. Barricades Logistics
- MGI - Construction Logistics Plan
- Site Port - Protatable Walkway Canopies
- Site - Underground Mech. Piping PD & SD
- Site - Underground Electric Piping PD & SD
- Site - Underground Storm Piping PD & SD
- Site - Strom Structure PD & SD
- Site - Waterline Piping PD & SD
- Site - Waterline Fittings PD
- Site - Fireline Piping PD & SD
- Bld - Building Found. Conc. Mix Designs
- Site - Site Lighting Poles & Base PD & SD
- Bld - Vertical Conc. Reinforcements PD & SD
- Bld - Masonry Wall PD & SD
- Bld - Stairwell Concrete SD
- Site - Asphalt Mix Designs PD
- Bld - Foundation Reinforcements PD & SD
- Bld - Elevated Slab Shoring Plan PD & SD
- Bld - Misc. Metal Package PD & SD
- Bld - Electrical Underground Layout SD
- Bld - Misc. Electrical Submittals PD
- Bld - Plumbing Submittals PD
- Bld - Plumbing Underground Layout SD
- Bld - Mechanical Submittals PD
- Bld - Mechanical Underground Layout SD
- Bld - Stairwell Concrete Handrail SD
- Bld - Intercom systems PD & SD
- Site - Sidewalk & Curbing Mix Designs
- Bld - Waterproofing PD & SD
- Bld - Elevated Slab Precast Beam SD
- Bld - Electrical Switchgear PD & SD
- Site - Parking Lot Stripping & Signage
- Bld - Emergency Generator PD & SD
- Bld - Fire Sprinkler PD & SD

t date 16FEB19
sh date 08JAN21
t date 28MAY19
date 28MAY19
e number 3A

A&E 1420	Bld - Roofing Manufacturer PD & SD	10d	10d	22AUG19	02SEP19	0	205d
A&E 1430	Bld - Light Weight Roofing SD	10d	10d	22AUG19	02SEP19	0	210d
A&E 1460	Bld - HVAC Chiller Equipment PD & SD	10d	10d	22AUG19	02SEP19	0	1d
A&E 1470	Bld - Metal Framing & Drywall PD	10d	10d	22AUG19	02SEP19	0	180d
A&E 1500	Bld - Exterior Painting PD	10d	10d	22AUG19	02SEP19	0	241d
A&E 1510	Bld - Interior Painting Finishes PD	10d	10d	22AUG19	02SEP19	0	248d
A&E 1360	Bld - Door Frames & Door PD & SD	10d	10d	28AUG19	07SEP19	0	156d
A&E 1370	Bld - Door Hardware PD	10d	10d	28AUG19	07SEP19	0	224d
A&E 1380	Bld - Elevator Equipment PD & SD	10d	10d	28AUG19	07SEP19	0	302d
A&E 1390	Bld - Elevator Car Finishes PD & SD	10d	10d	28AUG19	07SEP19	0	302d
A&E 1450	Bld - HVAC Mechanical Equipment PD & SD	10d	10d	28AUG19	07SEP19	0	200d
A&E 1490	Bld - Exterior Stucco Finishes PD & SD	10d	10d	28AUG19	07SEP19	0	216d
A&E 1530	Bld - Plumbing Piping & Fitting PD	10d	10d	28AUG19	07SEP19	0	170d
A&E 1600	Bld - IT Cable Tray PD & SD	10d	10d	28AUG19	07SEP19	0	239d
A&E 1610	Bld - IT Equipment & Wiring PD & SD	10d	10d	28AUG19	07SEP19	0	234d
A&E 1630	Bld - Electrical Light Fixture Package PD & SD	10d	10d	28AUG19	07SEP19	0	213d
A&E 1400	Bld - Exterior Window PD & SD	10d	10d	03SEP19	13SEP19	0	141d
A&E 1440	Bld - HVAC Ductwork PD & SD	10d	10d	03SEP19	13SEP19	0	155d
A&E 1480	Bld - Casework/Millwork PD & SD	10d	10d	03SEP19	13SEP19	0	302d
A&E 1520	Bld - Plumbing Fixtures - PD & SD	10d	10d	03SEP19	13SEP19	0	244d
A&E 1540	Bld - Ceramic Tile Material PD & SD	10d	10d	03SEP19	13SEP19	0	244d
A&E 1550	Bld - Floor Finishes Material PD & SD	10d	10d	03SEP19	13SEP19	0	238d
A&E 1560	Bld - Toilet Accessories PD	10d	10d	03SEP19	13SEP19	0	261d
A&E 1570	Bld - Misc Accessories PD & SD	10d	10d	03SEP19	13SEP19	0	253d
A&E 1590	Bld - Acoustical Tile & Grid PD & SD	10d	10d	03SEP19	13SEP19	0	233d
A&E 1580	Bld - Toilet Compartment PD & SD	10d	10d	09SEP19	19SEP19	0	233d
A&E 1620	Bld - Fire Alarm Systems PD & SD	10d	10d	09SEP19	19SEP19	0	209d

SBBC PPO Submittals Review

PPO 1000	Bld - Door Frames & Door PD & SD	10d	10d	09SEP19	19SEP19	0	156d
PPO 1010	Bld - Door Hardware PD	10d	10d	09SEP19	19SEP19	0	224d

Building Department Review & Approval Process

BD 1020	Site Port - Sidewalk Concrete Mix Design	20d	20d	05AUG19	27AUG19	0	372d
BD 1030	Site Port - Portable Walkway Canopies	20d	20d	16AUG19	07SEP19	0	339d
BD 1060	Site - Underground Mech. Piping PD & SD	20d	20d	16AUG19	07SEP19	0	21d
BD 1070	Site - Underground Electric Piping PD & SD	20d	20d	16AUG19	07SEP19	0	21d
BD 1080	Site - Underground Storm Piping PD & SD	20d	20d	16AUG19	07SEP19	0	1d
BD 1090	Site - Strom Structure PD & SD	20d	20d	16AUG19	07SEP19	0	1d
BD 1100	Site - Waterline Piping PD & SD	20d	20d	16AUG19	07SEP19	0	347d
BD 1110	Site - Waterline Fittings PD	20d	20d	16AUG19	07SEP19	0	349d
BD 1120	Site - Fireline Piping PD & SD	20d	20d	16AUG19	07SEP19	0	347d
BD 1140	Bld - Building Found. Conc. Mix Designs	20d	20d	16AUG19	07SEP19	0	49d
BD 1130	Site - Site Lighting Poles & Base PD & SD	20d	20d	22AUG19	13SEP19	0	299d
BD 1170	Bld - Vertical Conc. Reinforcements PD & SD	20d	20d	22AUG19	13SEP19	0	31d
BD 1200	Bld - Masonry Wall PD & SD	20d	20d	22AUG19	13SEP19	0	39d
BD 1270	Bld - Stairwell Concrete SD	20d	20d	22AUG19	13SEP19	0	69d
BD 1300	Site - Asphalt Mix Designs PD	25d	25d	22AUG19	19SEP19	0	335d
BD 1150	Bld - Foundation Reinforcements PD & SD	20d	20d	28AUG19	19SEP19	0	26d
BD 1180	Bld - Elevated Slab Shoring Plan PD & SD	25d	25d	28AUG19	25SEP19	0	58d
BD 1190	Bld - Misc. Metal Package PD & SD	25d	25d	28AUG19	25SEP19	0	39d
BD 1210	Bld - Electrical Underground Layout SD	20d	20d	28AUG19	19SEP19	0	49d
BD 1220	Bld - Misc. Electrical Submittals PD	20d	20d	28AUG19	19SEP19	0	39d
BD 1230	Bld - Plumbing Submittals PD	25d	25d	28AUG19	25SEP19	0	342d
BD 1240	Bld - Plumbing Underground Layout SD	20d	20d	28AUG19	19SEP19	0	49d
BD 1250	Bld - Mechanical Submittals PD	25d	25d	28AUG19	25SEP19	0	337d
BD 1260	Bld - Mechanical Underground Layout SD	20d	20d	28AUG19	19SEP19	0	44d
BD 1280	Bld - Stairwell Concrete Handrail SD	25d	25d	28AUG19	25SEP19	0	79d
BD 1330	Bld - Intercom systems PD & SD	20d	20d	28AUG19	19SEP19	0	234d
BD 1340	Site - Sidewalk & Curbing Mix Designs	20d	20d	28AUG19	19SEP19	0	352d
BD 1410	Bld - Waterproofing PD & SD	20d	20d	28AUG19	19SEP19	0	347d
BD 1160	Bld - Elevated Slab Precast Beam SD	25d	25d	03SEP19	01OCT19	0	47d
BD 1290	Bld - Electrical Switchgear PD & SD	25d	25d	03SEP19	01OCT19	0	219d

Bld - Roofing Manufacturer PD & SD
Bld - Light Weight Roofing SD
Bld - HVAC Chiller Equipment PD & SD
Bld - Metal Framing & Drywall PD
Bld - Exterior Painting PD
Bld - Interior Painting Finishes PD
Bld - Door Frames & Door PD & SD
Bld - Door Hardware PD
Bld - Elevator Equipment PD & SD
Bld - Elevator Car Finishes PD & SD
Bld - HVAC Mechanical Equipment PD & SD
Bld - Exterior Stucco Finishes PD & SD
Bld - Plumbing Piping & Fitting PD
Bld - IT Cable Tray PD & SD
Bld - IT Equipment & Wiring PD & SD
Bld - Electrical Light Fixture Package PD & SD
Bld - Exterior Window PD & SD
Bld - HVAC Ductwork PD & SD
Bld - Casework/Millwork PD & SD
Bld - Plumbing Fixtures - PD & SD
Bld - Ceramic Tile Material PD & SD
Bld - Floor Finishes Material PD & SD
Bld - Toilet Accessories PD
Bld - Misc Accessories PD & SD
Bld - Acoustical Tile & Grid PD & SD
Bld - Toilet Compartment PD & SD
Bld - Fire Alarm Systems PD & SD

Bld - Door Frames & Door PD & SD
Bld - Door Hardware PD

Site Port - Sidewalk Concrete Mix Design
Site Port - Portable Walkway Canopies
Site - Underground Mech. Piping PD & SD
Site - Underground Electric Piping PD & SD
Site - Underground Storm Piping PD & SD
Site - Strom Structure PD & SD
Site - Waterline Piping PD & SD
Site - Waterline Fittings PD
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Bld - Building Found. Conc. Mix Designs
Site - Site Lighting Poles & Base PD & SD
Bld - Vertical Conc. Reinforcements PD & SD
Bld - Masonry Wall PD & SD
Bld - Stairwell Concrete SD
Site - Asphalt Mix Designs PD
Bld - Foundation Reinforcements PD & SD
Bld - Elevated Slab Shoring Plan PD & SD
Bld - Misc. Metal Package PD & SD
Bld - Electrical Underground Layout SD
Bld - Misc. Electrical Submittals PD
Bld - Plumbing Submittals PD
Bld - Plumbing Underground Layout SD
Bld - Mechanical Submittals PD
Bld - Mechanical Underground Layout SD
Bld - Stairwell Concrete Handrail SD
Bld - Intercom systems PD & SD
Site - Sidewalk & Curbing Mix Designs
Bld - Waterproofing PD & SD
Bld - Elevated Slab Precast Beam SD
Bld - Electrical Switchgear PD & SD

l date 16 FEB19
 sh date 08 JAN21
 i date 28 MAY19
 date 28 MAY19
 e number 4A

MD 1500	Bld - Exterior Painting MD	10d	10d	26SEP19	07OCT19	0	241d
MD 1510	Bld - Interior Painting Finishes MD	10d	10d	26SEP19	07OCT19	0	248d
MD 1160	Bld - Elevated Slab Precast Beam MD	30d	30d	02OCT19	05NOV19	0	47d
MD 1290	Bld - Electrical Switchgear MD	30d	30d	02OCT19	05NOV19	0	219d
MD 1320	Bld - Emergency Generator MD	30d	30d	02OCT19	05NOV19	0	317d
MD 1350	Bld - Fire Sprinkler MD	15d	15d	02OCT19	18OCT19	0	176d
MD 1470	Bld - Metal Framing & Drywall MD	10d	10d	02OCT19	12OCT19	0	180d
MD 1490	Bld - Exterior Stucco Finishes MD	10d	10d	02OCT19	12OCT19	0	216d
MD 1600	Bld - IT Cable Tray MD	10d	10d	02OCT19	12OCT19	0	239d
MD 1610	Bld - IT Equipment & Wiring MD	15d	15d	02OCT19	18OCT19	0	234d
MD 1420	Bld - Roofing Manufacturer MD	25d	25d	05OCT19	02NOV19	0	205d
MD 1430	Bld - Light Weight Roofing MD	15d	15d	05OCT19	22OCT19	0	210d
MD 1380	Bld - Elevator Equipment MD	40d	40d	08OCT19	26NOV19	0	302d
MD 1390	Bld - Elevator Car Finishes MD	40d	40d	08OCT19	26NOV19	0	302d
MD 1450	Bld - HVAC Mechanical Equipment MD	40d	40d	08OCT19	26NOV19	0	200d
MD 1530	Bld - Plumbing Piping & Fitting MD	10d	10d	08OCT19	18OCT19	0	170d
MD 1540	Bld - Ceramic Tile Material MD	20d	20d	08OCT19	30OCT19	0	244d
MD 1550	Bld - Floor Finishes Material MD	20d	20d	08OCT19	30OCT19	0	238d
MD 1560	Bld - Toilet Accessories MD	15d	15d	08OCT19	24OCT19	0	261d
MD 1570	Bld - Misc Accessories MD	15d	15d	08OCT19	24OCT19	0	253d
MD 1630	Bld - Electrical Light Fixture Package MD	40d	40d	08OCT19	26NOV19	0	213d
MD 1400	Bld - Exterior Window MD	30d	30d	14OCT19	16NOV19	0	141d
MD 1440	Bld - HVAC Ductwork MD	20d	20d	14OCT19	05NOV19	0	155d
MD 1480	Bld - Casework/Millwork MD	30d	30d	14OCT19	16NOV19	0	302d
MD 1520	Bld - Plumbing Fixtures MD	20d	20d	14OCT19	05NOV19	0	244d
MD 1590	Bld - Acoustical Tile & Grid MD	15d	15d	14OCT19	30OCT19	0	233d
MD 1360	Bld - Door Frames & Door MD	25d	25d	19OCT19	16NOV19	0	156d
MD 1370	Bld - Door Hardware MD	35d	35d	19OCT19	02DEC19	0	224d
MD 1580	Bld - Toilet Compartment MD	30d	30d	19OCT19	26NOV19	0	233d
MD 1620	Bld - Fire Alarm Systems MD	25d	25d	19OCT19	16NOV19	0	209d

SITE CONSTRUCTION

		32d	6h	32d	6h	01JUL19	10DEC19	0	290d
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SM 1000	MGI / Cooper Project Mobilization	15d	15d	01JUL19	22JUL19	0	2d
SM 1030	Project Survey & Benchmark Installation	3d	3d	02JUL19	05JUL19	0	85d
SM 1040	Installation Project Trailer Compound	15d	15d	05JUL19	25JUL19	0	402d
SM 1010	Install Temp Construction Barrier Fence	15d	15d	10JUL19	29JUL19	0	402d
SM 1020	Install Project erosion Control Systems	5d	5d	11JUL19	17JUL19	0	85d
SD 1000	Demolition of Existing Structures	15d	15d	23JUL19	08AUG19	0	2d
SD 1010	Demolish Existing Landscaping	10d	10d	23JUL19	02AUG19	0	394d
SD 1020	Demolish Existing Parking Lot Lighting	10d	10d	27JUL19	07AUG19	0	394d
SD 1040	Install Temporary Underground Plugs	10d	10d	29JUL19	08AUG19	0	2d
SD 1030	Demolition of Existing Asphalt Pavement	10d	10d	03AUG19	14AUG19	0	2d
SD 1050	Remove Existing Storm Piping	15d	15d	09AUG19	26AUG19	0	2d
SD 1060	Remove Existing Watermain Lines	5d	5d	09AUG19	14AUG19	0	2d
BUC 1010	Install New Waterline Tapping Sleeves	12d	12d	15AUG19	28AUG19	0	40d
SD 1070	Relocation of Existing F. H. & Demo Old Pipe	3d	3d	15AUG19	17AUG19	0	2d
SD 1080	Remove Existing DIP Waterline	5d	5d	19AUG19	23AUG19	0	2d
BR 1000	Disconnect Existing Utilities & Systems	5d	5d	27AUG19	31AUG19	0	363d
CY 1000	Layout & Construct Chiller Yard Foundations	15d	15d	27AUG19	12SEP19	0	18d
BR 1030	Set Existing Portable Structures	10d	10d	02SEP19	12SEP19	0	363d
CY 1010	Install Masonry Vertical Walls	10d	10d	07SEP19	18SEP19	0	18d
CY 1020	Form & Pour Tie Beam at Masonry Walls	10d	10d	13SEP19	24SEP19	0	18d
BUC 1020	Install New Gate Valves & Water Meter	8d	8d	20SEP19	28SEP19	0	349d
BUC 1030	Install of New Storm Piping & Structures	20d	20d	20SEP19	12OCT19	0	1d
BUC 1050	Install New Chilled Waterlines	10d	10d	20SEP19	01OCT19	0	21d
BUC 1060	Install New Waterlines	10d	10d	20SEP19	01OCT19	0	347d
CY 1040	Install Underground MEP Rough In	10d	10d	20SEP19	01OCT19	0	21d
CY 1030	Install New Door Frame & Door	3d	3d	23SEP19	25SEP19	0	18d
CY 1070	Install Exterior Stucco Trim & Finishes	12d	12d	25SEP19	08OCT19	0	341d

Bld - Exterior Painting MD
Bld - Interior Painting Finishes MD
Bld - Elevated Slab Precast Beam MD
Bld - Electrical Switchgear MD
Bld - Emergency Generator MD
Bld - Fire Sprinkler MD
Bld - Metal Framing & Drywall MD
Bld - Exterior Stucco Finishes MD
Bld - IT Cable Tray MD
Bld - IT Equipment & Wiring MD
Bld - Roofing Manufacturer MD
Bld - Light Weight Roofing MD
Bld - Elevator Equipment MD
Bld - Elevator Car Finishes MD
Bld - HVAC Mechanical Equipment MD
Bld - Plumbing Piping & Fitting MD
Bld - Ceramic Tile Material MD
Bld - Floor Finishes Material MD
Bld - Toilet Accessories MD
Bld - Misc Accessories MD
Bld - Electrical Light Fixture Package MD
Bld - Exterior Window MD
Bld - HVAC Ductwork MD
Bld - Casework/Millwork MD
Bld - Plumbing Fixtures MD
Bld - Acoustical Tile & Grid MD
Bld - Door Frames & Door MD
Bld - Door Hardware MD
Bld - Toilet Compartment MD
Bld - Fire Alarm Systems MD

MGI / Cooper Project Mobilization
Project Survey & Benchmark Installation
Installation Project Trailer Compound
Install Temp Construction Barrier Fence
Install Project erosion Control Systems
Demolition of Existing Structures
Demolish Existing Landscaping
Demolish Existing Parking Lot Lighting
Install Temporary Underground Plugs
Demolition of Existing Asphalt Pavement
Remove Existing Storm Piping
Remove Existing Watermain Lines
Install New Waterline Tapping Sleeves
Relocation of Existing F. H. & Demo Old Pipe
Remove Existing DIP Waterline
Disconnect Existing Utilities & Systems
Layout & Construct Chiller Yard Foundations
Set Existing Portable Structures
Install Masonry Vertical Walls
Form & Pour Tie Beam at Masonry Walls
Install New Gate Valves & Water Meter
Install of New Storm Piping & Structures
Install New Chilled Waterlines
Install New Waterlines
Install Underground MEP Rough In
Install New Door Frame & Door
Install Exterior Stucco Trim & Finishes

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CY 1050	Form & Construct Equipment Pads	5d	5d	26SEP19	01OCT19	0	18d
BUC 1000	Install New Sanitary Lines & Systems	15d	15d	02OCT19	18OCT19	0	1d
CY 1080	Install Final Grading & 8" Gravel	3d	3d	02OCT19	04OCT19	0	18d
PK 1000	Install New Chilled Waterline to Chiller Yard	10d	10d	02OCT19	12OCT19	0	332d
PK 1010	Layout New Parking Lot & Roadway	3d	3d	08OCT19	10OCT19	0	290d
PK 1020	Cut & Balance New Parking Lot / Roadway	10d	10d	11OCT19	22OCT19	0	290d
BUC 1070	Cleaning of New Storm Systems	3d	3d	14OCT19	16OCT19	0	3d
PK 1030	Install New Stabilized Subgrade	5d	5d	18OCT19	23OCT19	0	290d
BUC 1040	Sanitary Line Cameraing & Inspections	3d	3d	19OCT19	22OCT19	0	1d
PK 1040	Grade & Compact New Parking Lot / Roadway	5d	5d	24OCT19	29OCT19	0	290d
CY 1060	Install & Hook Up New HVAC Equipment	12d	12d	25OCT19	07NOV19	0	1d
PK 1050	Install New Lime Rock Base Rock	6d	6d	29OCT19	05NOV19	0	290d
PK 1060	Lime Rock Sub Grade Grading	6d	6d	04NOV19	11NOV19	0	290d
CY 1090	HVAC Equipment Start Up & Commissioning	15d	15d	08NOV19	28NOV19	0	1d
PK 1070	Lime Rock Sub Grade As-Built Survey	6d	6d	09NOV19	16NOV19	0	290d
PK 1080	Install 1st Lift Asphalt Parking Lot / Roadway	2d	2d	16NOV19	19NOV19	0	290d
PK 1090	Install New Curbing & Sidewalks	10d	10d	19NOV19	04DEC19	0	290d
PK 1100	Install 2nd Lift of Asphalt Paving at Roadway	2d	2d	04DEC19	06DEC19	0	290d
PK 1110	Install Pavement Marking & Signage at Roadway	3d	3d	06DEC19	10DEC19	0	290d

BUILDING CONSTRUCTION

		276d	276d	25OCT19	03NOV20	0	51d
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1st Floor Foundation & Vertical Construction

BP 1000	Cut & Balance Building Pad Location.	5d	5d	25OCT19	30OCT19	0	1d
BP 1010	Construct Building Pad Entire Pad	8d	8d	28OCT19	05NOV19	0	1d
BP 1020	Layout Building Foundations & Batter Boards	3d	3d	06NOV19	08NOV19	0	1d
BP 1030	Build. Foundations Layout - West Section	3d	3d	06NOV19	08NOV19	0	1d
BP 1040	Build. Foundations Layout - Center Section	3d	3d	09NOV19	12NOV19	0	2d
BP 1060	Foundation Excavation - West Section	8d	8d	09NOV19	18NOV19	0	1d
BP 1050	Build. Foundations Layout - East Section	3d	3d	13NOV19	15NOV19	0	3d
BP 1070	Foundation Excavation - Center Section	8d	8d	13NOV19	25NOV19	0	2d
ELE 1000	Excavation of Elevator Pit	5d	5d	13NOV19	18NOV19	0	2d
BP 1080	Foundation Excavation - East Section	8d	8d	16NOV19	28NOV19	0	3d
BP 1090	Form & Pour Foundations - West Section	5d	5d	16NOV19	25NOV19	0	1d
ELE 1010	Form Elevator Pit Slab	3d	3d	18NOV19	20NOV19	0	2d
ELE 1020	Waterproofing Elevator Pit Slab	3d	3d	25NOV19	27NOV19	0	2d
BP 1100	Form & Pour Foundations - Center Section	5d	5d	26NOV19	30NOV19	0	1d
BP 1340	Backfill Slab on Grade -WS	5d	5d	26NOV19	30NOV19	0	2d
ELE 1030	Install Elevator Pit Slab Reinforcement	2d	2d	27NOV19	28NOV19	0	2d
BP 1350	MEP Slab on Grade Rough In - WS	8d	8d	29NOV19	07DEC19	0	2d
ELE 1070	Pour Elevator Pit Slab	2d	2d	29NOV19	30NOV19	0	2d
BP 1110	Form & Pour Foundations - East Section	5d	5d	02DEC19	06DEC19	0	1d
ELE 1050	Install Elevator Wall (SW) Reinforcement	5d	5d	02DEC19	06DEC19	0	2d
SOG 1090	Backfill Slab on Grade -CS	5d	5d	02DEC19	06DEC19	0	3d
SOG 1100	MEP Slab on Grade Rough In - CS	8d	8d	05DEC19	13DEC19	0	3d
ELE 1040	Install Elevator Pit Walls (SW) Forms	6d	6d	06DEC19	12DEC19	0	2d
BP 1360	Slab on Grade MEP Inspections - WS	3d	3d	07DEC19	10DEC19	0	2d
SOG 1000	Backfill Slab on Grade -ES	5d	5d	07DEC19	12DEC19	0	1d
BP 1120	Form & Pour Vert Conc Walls & Cols. 2F - WS	6d	6d	11DEC19	17DEC19	0	2d
BP 1160	Masonry Wall Construction to 2nd FL - WS	10d	10d	11DEC19	21DEC19	0	2d
BP 1370	Final Grading SOG - WS	4d	4d	11DEC19	14DEC19	0	2d
SOG 1010	MEP Slab on Grade Rough In - ES	8d	8d	11DEC19	19DEC19	0	1d
BP 1140	Form & Pour Vert Conc. Walls & Cols. 2F - ES	6d	6d	13DEC19	19DEC19	0	2d
BP 1220	Masonry Wall Construction to 2nd FL - ES	10d	10d	13DEC19	24DEC19	0	2d
ELE 1060	Pour Elevator (SW) Pit Walls	2d	2d	13DEC19	14DEC19	0	2d
SOG 1110	Slab on Grade MEP Inspections - CS	3d	3d	13DEC19	16DEC19	0	3d
ELE 1090	Waterproofing Elevator (SW) Elevator Pit	3d	3d	14DEC19	17DEC19	0	2d
BP 1380	Installation of Slab Termite Treatment - WS	2d	2d	16DEC19	17DEC19	0	5d
BP 1130	Form & Pour Vert. Conc. Walls & Cols. 2F - CS	6d	6d	18DEC19	24DEC19	0	2d
BP 1170	Vertical Masonry Tie Columns Const - WS	9d	9d	18DEC19	30DEC19	0	2d
BP 1190	Masonry Wall Construction to 2nd FL - CS	10d	10d	18DEC19	31DEC19	0	2d

Form & Construct Equipment Pads

- Form & Construct Equipment Pads
- Install New Sanitary Lines & Systems
- Install Final Grading & 8" Gravel
- Install New Chilled Waterline to Chiller Yard
- Layout New Parking Lot & Roadway
- Cut & Balance New Parking Lot / Roadway
- Cleaning of New Storm Systems
- Install New Stabilized Subgrade
- Sanitary Line Cameraing & Inspections
- Grade & Compact New Parking Lot / Roadway
- Install & Hook Up New HVAC Equipment
- Install New Lime Rock Base Rock
- Lime Rock Sub Grade Grading
- HVAC Equipment Start Up & Commissioning
- Lime Rock Sub Grade As-Built Survey
- Install 1st Lift Asphalt Parking Lot / Roadway
- Install New Curbing & Sidewalks
- Install 2nd Lift of Asphalt Paving at Roadway
- Install Pavement Marking & Signage at Roadway

Cut & Balance Building Pad Location.

- Cut & Balance Building Pad Location.
- Construct Building Pad Entire Pad
- Layout Building Foundations & Batter Boards
- Build. Foundations Layout - West Section
- Build. Foundations Layout - Center Section
- Foundation Excavation - West Section
- Build. Foundations Layout - East Section
- Foundation Excavation - Center Section
- Excavation of Elevator Pit
- Foundation Excavation - East Section
- Form & Pour Foundations - West Section
- Form Elevator Pit Slab
- Waterproofing Elevator Pit Slab
- Form & Pour Foundations - Center Section
- Backfill Slab on Grade -WS
- Install Elevator Pit Slab Reinforcement
- MEP Slab on Grade Rough In - WS
- Pour Elevator Pit Slab
- Form & Pour Foundations - East Section
- Install Elevator Wall (SW) Reinforcement
- Backfill Slab on Grade -CS
- MEP Slab on Grade Rough In - CS
- Install Elevator Pit Walls (SW) Forms
- Slab on Grade MEP Inspections - WS
- Backfill Slab on Grade -ES
- Form & Pour Vert Conc Walls & Cols. 2F - WS
- Masonry Wall Construction to 2nd FL - WS
- Final Grading SOG - WS
- MEP Slab on Grade Rough In - ES
- Form & Pour Vert Conc. Walls & Cols. 2F - ES
- Masonry Wall Construction to 2nd FL - ES
- Pour Elevator (SW) Pit Walls
- Slab on Grade MEP Inspections - CS
- Waterproofing Elevator (SW) Elevator Pit
- Installation of Slab Termite Treatment - WS
- Form & Pour Vert. Conc. Walls & Cols. 2F - CS
- Vertical Masonry Tie Columns Const - WS
- Masonry Wall Construction to 2nd FL - CS

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BP 1390	Install SOG Vapor Barrier - WS	3d	3d	18DEC19	20DEC19	0	5d
ELE 1100	Form Elevator (SW) to 2nd Floor	6d	6d	18DEC19	24DEC19	0	5d
SOG 1120	Final Grading SOG - CS	4d	4d	18DEC19	21DEC19	0	2d
SOG 1020	Slab on Grade MEP Inspections - ES	3d	3d	19DEC19	21DEC19	0	1d
BP 1230	Vertical Masonry Tie Columns Const - ES	9d	9d	20DEC19	02JAN20	0	2d
BP 1400	Install SOG Reinforcements - WS	3d	3d	21DEC19	24DEC19	0	5d
SOG 1030	Final Grading SOG - ES	4d	4d	23DEC19	27DEC19	0	1d
SOG 1130	Installation of Slab Termite Treatment - CS	2d	2d	23DEC19	24DEC19	0	3d
BP 1200	Vertical Masonry Tie Columns Const - CS	9d	9d	26DEC19	07JAN20	0	2d
BP 1410	Final SOG Inspections - WS	2d	2d	26DEC19	27DEC19	0	5d
ELE 1080	Pour Elevator (SW) Shaft Walls	2d	2d	26DEC19	27DEC19	0	5d
SOG 1140	Install SOG Vapor Barrier - CS	3d	3d	26DEC19	30DEC19	0	3d
BP 1180	Form Concrete Beams - 2nd Level - WS	8d	8d	27DEC19	07JAN20	0	2d
BP 1420	Concrete Pour SOG - WS	2d	2d	30DEC19	31DEC19	0	5d
SOG 1040	Installation of Slab Termite Treatment - ES	2d	2d	30DEC19	31DEC19	0	1d
BP 1240	Form Concrete Beams - 2nd Level ES	8d	8d	31DEC19	09JAN20	0	2d
SOG 1150	Install SOG Reinforcements - CS	3d	3d	31DEC19	03JAN20	0	3d
SOG 1050	Install SOG Vapor Barrier - ES	3d	3d	02JAN20	04JAN20	0	1d
BP 1250	Install 2nd Floor Precast Beams - WS	10d	10d	04JAN20	15JAN20	0	2d
SOG 1160	Final SOG Inspections - CS	2d	2d	04JAN20	06JAN20	0	3d
BP 1210	Form Concrete Beams - 2nd Level CS	8d	8d	06JAN20	14JAN20	0	2d
BP 1260	Install 2nd Floor Decking & Shoring - WS	10d	10d	06JAN20	16JAN20	0	2d
SOG 1060	Install SOG Reinforcements - ES	3d	3d	06JAN20	08JAN20	0	1d
BP 1290	Install 2nd Floor Precast Beams - ES	10d	10d	07JAN20	17JAN20	0	2d
SOG 1170	Concrete Pour SOG - CS	2d	2d	07JAN20	08JAN20	0	3d
BP 1300	Install 2nd Floor Decking & Shoring - ES	10d	10d	08JAN20	18JAN20	0	2d
SOG 1070	Final SOG Inspections - ES	2d	2d	09JAN20	10JAN20	0	1d
BP 1270	Install 2nd Floor Precast Beams - CS	10d	10d	11JAN20	22JAN20	0	2d
SOG 1080	Concrete Pour SOG - ES	2d	2d	11JAN20	13JAN20	0	1d
BP 1280	Install 2nd Floor Decking & Shoring - CS	10d	10d	13JAN20	23JAN20	0	2d
BP 1310	Install 2nd Floor & Beam Reinforce. - WS	9d	9d	13JAN20	22JAN20	0	2d
BP 1330	Install 2nd Floor & Beam Reinforce. - ES	9d	9d	15JAN20	24JAN20	0	2d
BP 1320	Install 2nd Floor & Beam Reinforce. - CS	9d	9d	20JAN20	29JAN20	0	2d

Building 2nd Floor Vert. Const. to 3rd FL							
2F 1000	Installation of 2nd Level Safety Installation	5d	5d	14JAN20	18JAN20	0	1d
2F 1010	Installation of 2nd Floor MEP Rough Ins	8d	8d	17JAN20	25JAN20	0	1d
2F 1030	2nd Floor MEP Slab Inspections	4d	4d	24JAN20	28JAN20	0	1d
2F 1020	2nd Floor Reinforcement Inspections	3d	3d	29JAN20	31JAN20	0	1d
2F 1040	2nd Floor Concrete Pour	3d	3d	31JAN20	04FEB20	0	1d
2F 1050	Form & Pour Conc. Shear Walls / Cols to 3rd FL	10d	10d	31JAN20	13FEB20	0	1d
2F 1060	Install Masonry Walls to 3rd Floor	10d	10d	07FEB20	20FEB20	0	1d
2F 1070	Vertical Masonry Tie Column Cont to 3F	8d	8d	18FEB20	27FEB20	0	1d
2F 1080	Form Concrete Beams - 3rd Level	10d	10d	26FEB20	10MAR20	0	1d
2F 1090	Install 3rd Floor Precast Beams	10d	10d	06MAR20	19MAR20	0	1d
2F 1100	Install 3rd Floor Decking & Shoring	10d	10d	09MAR20	20MAR20	0	1d
2F 1110	Install 3rd Floor & Beam Reinforcement	9d	9d	17MAR20	27MAR20	0	1d

Building 3rd Floor Vert. Const to Roof							
3F 1000	Installation of 3rd Level Safety Installation	5d	5d	11MAR20	17MAR20	0	1d
3F 1010	Installation of 3rd Floor MEP Rough Ins	8d	8d	16MAR20	25MAR20	0	1d
3F 1020	3rd Floor MEP Slab Inspections	4d	4d	24MAR20	27MAR20	0	1d
3F 1030	3rd Floor Reinforcement Inspections	3d	3d	30MAR20	01APR20	0	1d
3F 1040	3rd Floor Concrete Pour	3d	3d	02APR20	06APR20	0	1d
3F 1050	Form & Pour Conc. Shear Walls / Cols to 3rd FL	10d	10d	02APR20	15APR20	0	1d
3F 1060	Install Masonry Walls to 3rd Floor	10d	10d	09APR20	22APR20	0	1d
3F 1070	Vertical Masonry Tie Column Cont to 3F	8d	8d	20APR20	29APR20	0	1d
3F 1080	Form Concrete Beams - 3rd Level	10d	10d	28APR20	11MAY20	0	1d
3F 1090	Install 3rd Floor Precast Beams	10d	10d	07MAY20	20MAY20	0	1d
3F 1100	Install 3rd Floor Decking & Shoring	10d	10d	08MAY20	21MAY20	0	1d
3F 1110	Install 3rd Floor & Beam Reinforcement	9d	9d	18MAY20	28MAY20	0	1d
RF 1000	Form & Pour Conc. Shear Walls / Cols to Roof	10d	10d	18MAY20	29MAY20	0	1d
RF 1010	Install Masonry Walls to Roof	10d	10d	25MAY20	05JUN20	0	1d

Install SOG Vapor Barrier - WS	Form Elevator (SW) to 2nd Floor	Final Grading SOG - CS	Slab on Grade MEP Inspections - ES	Vertical Masonry Tie Columns Const - ES	Install SOG Reinforcements - WS	Final Grading SOG - ES	Installation of Slab Termite Treatment - CS	Vertical Masonry Tie Columns Const - CS	Final SOG Inspections - WS	Pour Elevator (SW) Shaft Walls	Install SOG Vapor Barrier - CS	Form Concrete Beams - 2nd Level - WS	Concrete Pour SOG - WS	Installation of Slab Termite Treatment - ES	Form Concrete Beams - 2nd Level ES	Install SOG Reinforcements - CS	Install SOG Vapor Barrier - ES	Install 2nd Floor Precast Beams - WS	Final SOG Inspections - CS	Form Concrete Beams - 2nd Level CS	Install 2nd Floor Decking & Shoring - WS	Install SOG Reinforcements - ES	Install 2nd Floor Precast Beams - ES	Concrete Pour SOG - CS	Install 2nd Floor Decking & Shoring - ES	Final SOG Inspections - ES	Install 2nd Floor Precast Beams - CS	Concrete Pour SOG - ES	Install 2nd Floor Decking & Shoring - CS	Install 2nd Floor & Beam Reinforce. - WS	Install 2nd Floor & Beam Reinforce. - ES	Install 2nd Floor & Beam Reinforce. - CS
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Installation of 2nd Level Safety Installation	Installation of 2nd Floor MEP Rough Ins	2nd Floor MEP Slab Inspections	2nd Floor Reinforcement Inspections	2nd Floor Concrete Pour	Form & Pour Conc. Shear Walls / Cols to 3rd FL	Install Masonry Walls to 3rd Floor	Vertical Masonry Tie Column Cont to 3F	Form Concrete Beams - 3rd Level	Install 3rd Floor Precast Beams	Install 3rd Floor Decking & Shoring	Install 3rd Floor & Beam Reinforcement
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Installation of 3rd Level Safety Installation	Installation of 3rd Floor MEP Rough Ins	3rd Floor MEP Slab Inspections	3rd Floor Reinforcement Inspections	3rd Floor Concrete Pour	Form & Pour Conc. Shear Walls / Cols to 3rd FL	Install Masonry Walls to 3rd Floor	Vertical Masonry Tie Column Cont to 3F	Form Concrete Beams - 3rd Level	Install 3rd Floor Precast Beams	Install 3rd Floor Decking & Shoring	Install 3rd Floor & Beam Reinforcement	Form & Pour Conc. Shear Walls / Cols to Roof	Install Masonry Walls to Roof
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RF 1020	Vertical Masonry Tie Column Cont to Roof	8d	8d	03JUN20	12JUN20	0	1d
RF 1030	Form Concrete Beams - Roof	10d	10d	11JUN20	24JUN20	0	1d
RF 1040	Install Roof Precast Beams	10d	10d	22JUN20	03JUL20	0	1d
RF 1050	Install Roof Decking & Shoring	10d	10d	23JUN20	06JUL20	0	1d
RF 1060	Install Roof & Beam Reinforcement	9d	9d	01JUL20	13JUL20	0	1d
Roof Vertical Construction							
RD 1000	Installation of Roof Safety Installation	5d	5d	01JUL20	07JUL20	0	1d
RD 1010	Installation of Roof MEP Rough Ins	6d	6d	06JUL20	13JUL20	0	1d
RD 1020	Roof MEP Slab Inspections	4d	4d	10JUL20	15JUL20	0	1d
RD 1030	Roof Reinforcement Inspections	3d	3d	16JUL20	20JUL20	0	1d
RD 1040	Roof Concrete Pour	3d	3d	20JUL20	22JUL20	0	1d
RD 1050	Installation Masonry Parapet Wall	6d	6d	23JUL20	30JUL20	0	1d
RD 1060	Form & Pour Concrete Tie Beam	7d	7d	28JUL20	05AUG20	0	1d
Building Exterior Construction							
EXT 1030	Installation of New Storefront Systems	20d	20d	23APR20	20MAY20	0	24d
EXT 1040	Installation of Impact Window Systems	15d	15d	21MAY20	10JUN20	0	24d
EXT 1060	Installation of Smooth Louver Systems	10d	10d	11JUN20	24JUN20	0	24d
EXT 1070	Installation of Exterior Handrails	5d	5d	11JUN20	17JUN20	0	29d
EXT 1000	Install Mechanical Roof Curbs	3d	3d	23JUL20	27JUL20	0	5d
EXT 1010	Install Light Weight Concrete Roof Systems	10d	10d	24JUL20	06AUG20	0	5d
EXT 1050	Installation Smooth Stucco Finishes	25d	25d	28JUL20	31AUG20	0	1d
EXT 1020	Installation Roofing Systems	15d	15d	31JUL20	20AUG20	0	5d
EXT 1080	Exterior Painting Systems	20d	20d	25AUG20	21SEP20	0	1d
1st Floor West Section Interior Construction							
1FL 1000	Install Controls Lines & Benchmarks	3d	3d	19FEB20	21FEB20	0	52d
1FL 1320	Interior Wall Layout	3d	3d	24FEB20	26FEB20	0	52d
1FL 1020	Electrical Overhead Rough In	15d	15d	27FEB20	18MAR20	0	68d
1FL 1030	Plumbing Overhead Rough in	15d	15d	27FEB20	18MAR20	0	68d
1FL 1050	HVAC Overhead Rough In	15d	15d	27FEB20	18MAR20	0	68d
1FL 1040	Fire Sprinkler Overhead Rough in	10d	10d	04MAR20	17MAR20	0	70d
1FL 1060	Install Metal Wall Framing Systems	10d	10d	05MAR20	18MAR20	0	68d
1FL 1070	MEP Wall Rough Ins	10d	10d	10MAR20	23MAR20	0	68d
1FL 1170	Instal Door Frames	5d	5d	10MAR20	16MAR20	0	71d
1FL 1200	Interior Wall Framing - Restroom	5d	5d	19MAR20	25MAR20	0	121d
1FL 1080	MEP Wall Rough In - Inspections	3d	3d	20MAR20	24MAR20	0	68d
1FL 1090	Wall Framing - Inspections	4d	4d	20MAR20	25MAR20	0	68d
1FL 1100	Install Drywall Systems	10d	10d	20MAR20	02APR20	0	68d
1FL 1210	MEP Wall Rough in - Restroom	9d	9d	20MAR20	01APR20	0	121d
1FL 1310	Install IT Racks & Equipment	10d	10d	25MAR20	07APR20	0	113d
1FL 1120	Drywall Finishing	15d	15d	26MAR20	15APR20	0	108d
1FL 1180	Install HVAC Equip.at Mech. Room	10d	10d	26MAR20	08APR20	0	108d
1FL 1190	Install Electrical Panels & Switchgear Equip.	15d	15d	26MAR20	15APR20	0	112d
1FL 1220	MEP Wall Rough Inspection - Restroom	2d	2d	31MAR20	01APR20	0	121d
1FL 1230	Interior Wall Framing Inspections - Restroom	2d	2d	31MAR20	01APR20	0	121d
1FL 1240	Install Drywall Systems - Restroom	8d	8d	31MAR20	09APR20	0	121d
1FL 1110	Drywall Systems - Screw Inspections	3d	3d	02APR20	06APR20	0	108d
1FL 1130	Interior Drywall Prime Painting	8d	8d	07APR20	16APR20	0	108d
1FL 1160	Install Casework & Millwork Systems	5d	5d	07APR20	13APR20	0	197d
1FL 1250	Drywall Screw Inspections - Restroom	2d	2d	07APR20	08APR20	0	124d
1FL 1400	IT Cabling Termination & Testing	8d	8d	08APR20	17APR20	0	193d
1FL 1010	Prime Painting - Restroom	3d	3d	09APR20	13APR20	0	124d
1FL 1260	Ceramic Tile Installation - Restroom	6d	6d	10APR20	17APR20	0	121d
1FL 1140	Acoustical Grid Installation	5d	5d	14APR20	20APR20	0	108d
1FL 1150	Overhead MEP Fixtures Installation	10d	10d	14APR20	27APR20	0	108d
1FL 1390	Electrical Start up & Permanent Power	6d	6d	16APR20	23APR20	0	180d
1FL 1450	HVAC Equipment Start Up	5d	5d	16APR20	22APR20	0	180d
1FL 1270	Install Plumbing Fixtures - Restroom	5d	5d	17APR20	23APR20	0	121d
1FL 1330	Floor Finishes Installation	10d	10d	21APR20	04MAY20	0	108d
1FL 1350	Install Finish Painting	7d	7d	21APR20	29APR20	0	185d
1FL 1280	Install Toilet Compartments - Restroom	3d	3d	23APR20	27APR20	0	121d

Vertical Masonry Tie Column Cont to Roof
Form Concrete Beams - Roof
Install Roof Precast Beams
Install Roof Decking & Shoring
Install Roof & Beam Reinforcement
Installation of Roof Safety Installation
Installation of Roof MEP Rough Ins
Roof MEP Slab Inspections
Roof Reinforcement Inspections
Roof Concrete Pour
Installation Masony Parapet Wall
Form & Pour Concrete Tie Beam
Installation of New Storefront Systems
Installation of Impact Window Systems
Installation of Smooth Louver Systems
Installation of Exterior Handrais
Install Mechanical Roof Curbs
Install Light Weight Concrete Roof Systems
Installation Smooth Stucco Finishes
Installation Roofing System
Exterior Painting Systems
Install Controls Lines & Benchmarks
Interior Wall Layout
Electrical Overhead Rough In
Plumbing Overhead Rough in
HVAC Overhead Rough In
Fire Sprinkler Overhead Rough in
Install Metal Wall Framing Systems
MEP Wall Rough Ins
Instal Door Frames
Interior Wall Framing - Restroom
MEP Wall Rough In - Inspections
Wall Framing - Inspections
Install Drywall Systems
MEP Wall Rough in - Restroom
Install IT Racks & Equipment
Drywall Finishing
Install HVAC Equip.at Mech. Room
Install Electrical Panels & Switchgear Equip.
MEP Wall Rough Inspection - Restroom
Interior Wall Framing Inspections - Restroom
Install Drywall Systems - Restroom
Drywall Systems - Screw Inspections
Interior Drywall Prime Painting
Install Casework & Millwork Systems
Drywall Screw Inspections - Restroom
IT Cabling Termination & Testing
Prime Painting - Restroom
Ceramic Tile Installation - Restroom
Acoustical Grid Installation
Overhead MEP Fixtures Installation
Electrical Start up & Permanent Power
HVAC Equipment Start Up
Install Plumbing Fixtures - Restroom
Floor Finishes Installation
Install Finish Painting
Install Toilet Compartments - Restroom

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1FL 1460	HVAC Equipment Commissioning	10d	10d	23APR20	06MAY20	0	180d
1FL 1370	MEP Overhead Inspections	3d	3d	27APR20	29APR20	0	185d
1FL 1380	Overhead Building Inspections	3d	3d	27APR20	29APR20	0	185d
1FL 1290	Install Toilet Accessories - Restroom	2d	2d	28APR20	29APR20	0	121d
1FL 1300	Finish Painting - Restroom	5d	5d	29APR20	05MAY20	0	121d
1FL 1340	Install Misc. Accessories - School Products	5d	5d	05MAY20	11MAY20	0	106d
1FL 1360	Install Doors & Hardware	4d	4d	05MAY20	08MAY20	0	109d
1FL 1410	Rough Cleaning	3d	3d	12MAY20	14MAY20	0	106d
1FL 1420	Final Inspections	3d	3d	15MAY20	19MAY20	0	106d
1FL 1430	Final Cleaning	3d	3d	20MAY20	22MAY20	0	106d
1FL 1440	Interior Section or Floor Completion	0	0		22MAY20	0	106d

1st Floor Center Section Interior Construction

1FC 1000	Install Controls Lines & Benchmarks	3d	3d	27FEB20	02MAR20	0	52d
1FC 1010	Interior Wall Layout	3d	3d	03MAR20	05MAR20	0	52d
1FC 1020	Electrical Overhead Rough In	15d	15d	06MAR20	26MAR20	0	52d
1FC 1030	Plumbing Overhead Rough In	15d	15d	06MAR20	26MAR20	0	52d
1FC 1040	HVAC Overhead Rough In	15d	15d	06MAR20	26MAR20	0	52d
1FC 1050	Fire Sprinkler Overhead Rough In	10d	10d	12MAR20	25MAR20	0	210d
1FC 1060	Install Metal Wall Framing Systems	10d	10d	13MAR20	26MAR20	0	52d
1FC 1070	MEP Wall Rough Ins	10d	10d	18MAR20	31MAR20	0	52d
1FC 1080	Install Door Frames	5d	5d	18MAR20	24MAR20	0	211d
1FC 1090	MEP Wall Rough In - Inspections	3d	3d	30MAR20	01APR20	0	52d
1FC 1100	Wall Framing - Inspections	4d	4d	30MAR20	02APR20	0	52d
1FC 1110	Install Drywall Systems	10d	10d	30MAR20	10APR20	0	52d
1FC 1120	Drywall Finishing	15d	15d	03APR20	23APR20	0	102d
1FC 1280	Install IT Racks & Equipment	10d	10d	08APR20	21APR20	0	113d
1FC 1320	Install HVAC Equip.at Mech. Room	10d	10d	09APR20	22APR20	0	106d
1FC 1130	Drywall Systems - Screw Inspections	3d	3d	10APR20	14APR20	0	102d
1FC 1140	Interior Drywall Prime Painting	8d	8d	15APR20	24APR20	0	102d
1FC 1150	Install Casework & Millwork Systems	5d	5d	15APR20	21APR20	0	191d
1FC 1290	Install Electrical Panels & Switchgear Equip.	15d	15d	16APR20	06MAY20	0	112d
1FC 1160	Acoustical Grid Installation	5d	5d	22APR20	28APR20	0	102d
1FC 1170	Overhead MEP Fixtures Installation	10d	10d	22APR20	05MAY20	0	102d
1FC 1300	IT Cabling Termination & Testing	8d	8d	22APR20	01MAY20	0	183d
1FC 1330	HVAC Equipment Start Up	5d	5d	23APR20	29APR20	0	115d
1FC 1180	Floor Finishes Installation	10d	10d	29APR20	12MAY20	0	102d
1FC 1190	Install Finish Painting	7d	7d	29APR20	07MAY20	0	179d
1FC 1340	HVAC Equipment Commissioning	10d	10d	30APR20	13MAY20	0	115d
1FC 1200	MEP Overhead Inspections	3d	3d	05MAY20	07MAY20	0	179d
1FC 1210	Overhead Building Inspections	3d	3d	05MAY20	07MAY20	0	179d
1FC 1310	Electrical Start up & Permanent Power	6d	6d	07MAY20	14MAY20	0	114d
1FC 1220	Install Misc. Accessories - School Products	5d	5d	13MAY20	19MAY20	0	102d
1FC 1230	Install Doors & Hardware	4d	4d	13MAY20	18MAY20	0	103d
1FC 1240	Rough Cleaning	3d	3d	20MAY20	22MAY20	0	102d
1FC 1250	Final Inspections	3d	3d	25MAY20	27MAY20	0	102d
1FC 1260	Final Cleaning	3d	3d	28MAY20	01JUN20	0	102d
1FC 1270	Interior Section or Floor Completion	0	0		01JUN20	0	102d

1st Floor East Section Interior Construction

1FE 1320	Install HVAC Equip.at Mech. Room	10d	10d	09APR20	22APR20	0	106d
1FE 1290	Install Electrical Panels & Switchgear Equip.	15d	15d	16APR20	06MAY20	0	112d
1FE 1280	Install IT Racks & Equipment	10d	10d	22APR20	05MAY20	0	113d
1FE 1330	HVAC Equipment Start Up	5d	5d	23APR20	29APR20	0	115d
1FE 1000	Install Controls Lines & Benchmarks	3d	3d	28APR20	30APR20	0	59d
1FE 1340	HVAC Equipment Commissioning	10d	10d	30APR20	13MAY20	0	115d
1FE 1010	Interior Wall Layout	3d	3d	01MAY20	05MAY20	0	59d
1FE 1020	Electrical Overhead Rough In	15d	15d	06MAY20	26MAY20	0	59d
1FE 1030	Plumbing Overhead Rough In	15d	15d	06MAY20	26MAY20	0	59d
1FE 1040	HVAC Overhead Rough In	15d	15d	06MAY20	26MAY20	0	59d
1FE 1300	IT Cabling Termination & Testing	8d	8d	06MAY20	15MAY20	0	113d
1FE 1310	Electrical Start up & Permanent Power	6d	6d	07MAY20	14MAY20	0	114d
1FE 1050	Fire Sprinkler Overhead Rough in	10d	10d	12MAY20	25MAY20	0	167d

- ▣ HVAC Equipment Commissioning
- ▣ MEP Overhead Inspections
- ▣ Overhead Building Inspections
- ▣ Install Toilet Accessories - Restroom
- ▣ Finish Painting - Restroom
- ▣ Install Misc. Accessories - School Products
- ▣ Install Doors & Hardware
- ▣ Rough Cleaning
- ▣ Final Inspections
- ▣ Final Cleaning
- ◆ Interior Section or Floor Completion

- ▣ Install Controls Lines & Benchmarks
- ▣ Interior Wall Layout
- ▣ Electrical Overhead Rough In
- ▣ Plumbing Overhead Rough In
- ▣ HVAC Overhead Rough In
- ▣ Fire Sprinkler Overhead Rough In
- ▣ Install Metal Wall Framing Systems
- ▣ MEP Wall Rough Ins
- ▣ Install Door Frames
- ▣ MEP Wall Rough In - Inspections
- ▣ Wall Framing - Inspections
- ▣ Install Drywall Systems
- ▣ Drywall Finishing
- ▣ Install IT Racks & Equipment
- ▣ Install HVAC Equip.at Mech. Room
- ▣ Drywall Systems - Screw Inspections
- ▣ Interior Drywall Prime Painting
- ▣ Install Casework & Millwork Systems
- ▣ Install Electrical Panels & Switchgear Equip.
- ▣ Acoustical Grid Installation
- ▣ Overhead MEP Fixtures Installation
- ▣ IT Cabling Termination & Testing
- ▣ HVAC Equipment Start Up
- ▣ Floor Finishes Installation
- ▣ Install Finish Painting
- ▣ HVAC Equipment Commissioning
- ▣ MEP Overhead Inspections
- ▣ Overhead Building Inspections
- ▣ Electrical Start up & Permanent Power
- ▣ Install Misc. Accessories - School Products
- ▣ Install Doors & Hardware
- ▣ Rough Cleaning
- ▣ Final Inspections
- ▣ Final Cleaning
- ◆ Interior Section or Floor Completion

- ▣ Install HVAC Equip.at Mech. Room
- ▣ Install Electrical Panels & Switchgear Equip.
- ▣ Install IT Racks & Equipment
- ▣ HVAC Equipment Start Up
- ▣ Install Controls Lines & Benchmarks
- ▣ HVAC Equipment Commissioning
- ▣ Interior Wall Layout
- ▣ Electrical Overhead Rough In
- ▣ Plumbing Overhead Rough In
- ▣ HVAC Overhead Rough In
- ▣ IT Cabling Termination & Testing
- ▣ Electrical Start up & Permanent Power
- ▣ Fire Sprinkler Overhead Rough in

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1FE 1060	Install Metal Wall Framing Systems	10d	10d	13MAY20	26MAY20	0	59d
1FE 1070	MEP Wall Rough Ins	10d	10d	18MAY20	29MAY20	0	59d
1FE 1080	Instal Door Frames	5d	5d	18MAY20	22MAY20	0	168d
1FE 1350	Interior Wall Framing - Restroom	5d	5d	27MAY20	02JUN20	0	72d
1FE 1090	MEP Wall Rough In - Inspections	3d	3d	28MAY20	01JUN20	0	59d
1FE 1100	Wall Framing - Inspections	4d	4d	28MAY20	02JUN20	0	59d
1FE 1110	Install Drywall Systems	10d	10d	28MAY20	10JUN20	0	59d
1FE 1360	MEP Wall Rough in - Restroom	9d	9d	28MAY20	09JUN20	0	72d
1FE 1120	Drywall Finishing	15d	15d	03JUN20	23JUN20	0	59d
1FE 1370	MEP Wall Rough Inspection - Restroom	2d	2d	08JUN20	09JUN20	0	72d
1FE 1380	Interior Wall Framing Inspections - Restroom	2d	2d	08JUN20	09JUN20	0	72d
1FE 1390	Install Drywall Systems - Restroom	8d	8d	08JUN20	17JUN20	0	72d
1FE 1130	Drywall Systems - Screw Inspections	3d	3d	10JUN20	12JUN20	0	59d
1FE 1140	Interior Drywall Prime Painting	8d	8d	15JUN20	24JUN20	0	59d
1FE 1150	Install Casework & Millwork Systems	5d	5d	15JUN20	19JUN20	0	148d
1FE 1400	Drywall Screw Inspections - Restroom	2d	2d	15JUN20	16JUN20	0	75d
1FE 1410	Prime Painting - Restroom	3d	3d	17JUN20	19JUN20	0	75d
1FE 1420	Ceramic Tile Installation - Restroom	6d	6d	18JUN20	25JUN20	0	72d
1FE 1160	Acoustical Grid Installation	5d	5d	22JUN20	26JUN20	0	59d
1FE 1170	Overhead MEP Fixtures Installation	10d	10d	22JUN20	03JUL20	0	59d
1FE 1430	Install Plumbing Fixtures - Restroom	5d	5d	25JUN20	01JUL20	0	72d
1FE 1180	Floor Finishes Installation	10d	10d	29JUN20	10JUL20	0	59d
1FE 1190	Install Finish Painting	7d	7d	29JUN20	07JUL20	0	136d
1FE 1440	Install Toilet Compartments - Restroom	3d	3d	01JUL20	03JUL20	0	72d
1FE 1200	MEP Overhead Inspections	3d	3d	03JUL20	07JUL20	0	136d
1FE 1210	Overhead Building Inspections	3d	3d	03JUL20	07JUL20	0	136d
1FE 1450	Install Toilet Accessories - Restroom	2d	2d	06JUL20	07JUL20	0	72d
1FE 1460	Finish Painting - Restroom	5d	5d	07JUL20	13JUL20	0	72d
1FE 1220	Install Misc. Accessories - School Products	5d	5d	13JUL20	17JUL20	0	59d
1FE 1230	Install Doors & Hardware	4d	4d	13JUL20	16JUL20	0	60d
1FE 1240	Rough Cleaning	3d	3d	20JUL20	22JUL20	0	59d
1FE 1250	Final Inspections	3d	3d	23JUL20	27JUL20	0	59d
1FE 1260	Final Cleaning	3d	3d	28JUL20	30JUL20	0	59d
1FE 1270	Interior Section or Floor Completion	0	0		30JUL20	0	59d

2nd Floor Interior Construction

2FI 1000	Install Controls Lines & Benchmarks	3d	3d	19MAY20	21MAY20	0	55d
2FI 1010	Interior Wall Layout	3d	3d	22MAY20	26MAY20	0	77d
2FI 1020	Electrical Overhead Rough In	15d	15d	27MAY20	16JUN20	0	77d
2FI 1030	Plumbing Overhead Rough in	15d	15d	27MAY20	16JUN20	0	77d
2FI 1040	HVAC Overhead Rough In	15d	15d	27MAY20	16JUN20	0	77d
2FI 1050	Fire Sprinkler Overhead Rough in	10d	10d	02JUN20	15JUN20	0	152d
2FI 1060	Install Metal Wall Framing Systems	10d	10d	03JUN20	16JUN20	0	77d
2FI 1290	Install IT Racks & Equipment	10d	10d	03JUN20	16JUN20	0	133d
2FI 1280	Install Electrical Panels & Switchgear Equip.	15d	15d	04JUN20	24JUN20	0	112d
2FI 1320	Install HVAC Equip.at Mech. Room	10d	10d	04JUN20	17JUN20	0	108d
2FI 1070	MEP Wall Rough Ins	10d	10d	08JUN20	19JUN20	0	77d
2FI 1080	Instal Door Frames	5d	5d	08JUN20	12JUN20	0	153d
2FI 1300	IT Cabling Termination & Testing	8d	8d	17JUN20	26JUN20	0	143d
SFI 1350	Interior Wall Framing - Restroom	5d	5d	17JUN20	23JUN20	0	90d
2FI 1090	MEP Wall Rough In - Inspections	3d	3d	18JUN20	22JUN20	0	77d
2FI 1100	Wall Framing - Inspections	4d	4d	18JUN20	23JUN20	0	77d
2FI 1110	Install Drywall Systems	10d	10d	18JUN20	01JUL20	0	77d
2FI 1330	HVAC Equipment Start Up	5d	5d	18JUN20	24JUN20	0	108d
SFI 1360	MEP Wall Rough in - Restroom	9d	9d	18JUN20	30JUN20	0	90d
2FI 1120	Drywall Finishing	15d	15d	24JUN20	14JUL20	0	77d
2FI 1310	Electrical Start up & Permanent Power	6d	6d	25JUN20	02JUL20	0	112d
2FI 1340	HVAC Equipment Commissioning	10d	10d	25JUN20	08JUL20	0	108d
SFI 1370	MEP Wall Rough Inspection - Restroom	2d	2d	29JUN20	30JUN20	0	90d
SFI 1380	Interior Wall Framing Inspections - Restroom	2d	2d	29JUN20	30JUN20	0	90d
SFI 1390	Install Drywall Systems - Restroom	8d	8d	29JUN20	08JUL20	0	90d
2FI 1130	Drywall Systems - Screw Inspections	3d	3d	01JUL20	03JUL20	0	77d

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- ☑ Install Metal Wall Framing Systems
- ☑ MEP Wall Rough Ins
- ☑ Instal Door Frames
- ☑ Interior Wall Framing - Restroom
- ☑ MEP Wall Rough In - Inspections
- ☑ Wall Framing - Inspections
- ☑ Install Drywall Systems
- ☑ MEP Wall Rough in - Restroom
- ☑ Drywall Finishing
- ☑ MEP Wall Rough Inspection - Restroom
- ☑ Interior Wall Framing Inspections - Restroom
- ☑ Install Drywall Systems - Restroom
- ☑ Drywall Systems - Screw Inspections
- ☑ Interior Drywall Prime Painting
- ☑ Install Casework & Millwork Systems
- ☑ Drywall Screw Inspections - Restroom
- ☑ Prime Painting - Restroom
- ☑ Ceramic Tile Installation - Restroom
- ☑ Acoustical Grid Installation
- ☑ Overhead MEP Fixtures Installation
- ☑ Install Plumbing Fixtures - Restroom
- ☑ Floor Finishes Installation
- ☑ Install Finish Painting
- ☑ Install Toilet Compartments - Restroom
- ☑ MEP Overhead Inspections
- ☑ Overhead Building Inspections
- ☑ Install Toilet Accessories - Restroom
- ☑ Finish Painting - Restroom
- ☑ Install Misc. Accessories - School Products
- ☑ Install Doors & Hardware
- ☑ Rough Cleaning
- ☑ Final Inspections
- ☑ Final Cleaning
- ☑ Interior Section or Floor Completion

- ☑ Install Controls Lines & Benchmarks
- ☑ Interior Wall Layout
- ☑ Electrical Overhead Rough In
- ☑ Plumbing Overhead Rough in
- ☑ HVAC Overhead Rough In
- ☑ Fire Sprinkler Overhead Rough in
- ☑ Install Metal Wall Framing Systems
- ☑ Install IT Racks & Equipment
- ☑ Install Electrical Panels & Switchgear Equip.
- ☑ Install HVAC Equip.at Mech. Room
- ☑ MEP Wall Rough Ins
- ☑ Instal Door Frames
- ☑ IT Cabling Termination & Testing
- ☑ Interior Wall Framing - Restroom
- ☑ MEP Wall Rough In - Inspections
- ☑ Wall Framing - Inspections
- ☑ Install Drywall Systems
- ☑ HVAC Equipment Start Up
- ☑ MEP Wall Rough in - Restroom
- ☑ Drywall Finishing
- ☑ Electrical Start up & Permanent Power
- ☑ HVAC Equipment Commissioning
- ☑ MEP Wall Rough Inspection - Restroom
- ☑ Interior Wall Framing Inspections - Restroom
- ☑ Install Drywall Systems - Restroom
- ☑ Drywall Systems - Screw Inspections

2FI 1140	Interior Drywall Prime Painting	8d	8d	06JUL20	15JUL20	0	77d
2FI 1150	Install Casework & Millwork Systems	5d	5d	06JUL20	10JUL20	0	133d
SFI 1400	Drywall Screw Inspections - Restroom	2d	2d	06JUL20	07JUL20	0	93d
SFI 1410	Prime Painting - Restroom	5d	5d	08JUL20	10JUL20	0	93d
SFI 1420	Ceramic Tile Installation - Restroom	6d	6d	09JUL20	16JUL20	0	90d
2FI 1160	Acoustical Grid Installation	5d	5d	13JUL20	17JUL20	0	77d
2FI 1170	Overhead MEP Fixtures Installation	10d	10d	13JUL20	24JUL20	0	77d
SFI 1430	Install Plumbing Fixtures - Restroom	5d	5d	16JUL20	22JUL20	0	90d
2FI 1180	Floor Finishes Installation	10d	10d	20JUL20	31JUL20	0	77d
2FI 1190	Install Finish Painting	7d	7d	20JUL20	28JUL20	0	121d
SFI 1440	Install Toilet Compartments - Restroom	3d	3d	22JUL20	24JUL20	0	90d
2FI 1200	MEP Overhead Inspections	3d	3d	24JUL20	28JUL20	0	121d
2FI 1210	Overhead Building Inspections	3d	3d	24JUL20	28JUL20	0	121d
SFI 1450	Install Toilet Accessories - Restroom	2d	2d	27JUL20	28JUL20	0	90d
SFI 1460	Finish Painting - Restroom	5d	5d	28JUL20	03AUG20	0	90d
2FI 1220	Install Misc. Accessories - School Products	5d	5d	03AUG20	07AUG20	0	77d
2FI 1230	Install Doors & Hardware	4d	4d	03AUG20	06AUG20	0	78d
2FI 1240	Rough Cleaning	3d	3d	10AUG20	12AUG20	0	77d
2FI 1250	Final Inspections	3d	3d	13AUG20	17AUG20	0	77d
2FI 1260	Final Cleaning	3d	3d	18AUG20	20AUG20	0	77d
2FI 1270	Interior Section or Floor Completion	0	0		20AUG20	0	77d

3rd Floor Interior Construction

3FI 1280	Install IT Racks & Equipment	10d	10d	23JUL20	05AUG20	0	107d
3FI 1290	Install Electrical Panels & Switchgear Equip.	15d	15d	23JUL20	12AUG20	0	104d
3FI 1320	Install HVAC Equip.at Mech. Room	10d	10d	23JUL20	05AUG20	0	100d
3FI 1000	Install Controls Lines & Benchmarks	3d	3d	31JUL20	04AUG20	0	5d
3FI 1010	Interior Wall Layout	3d	3d	05AUG20	07AUG20	0	5d
3FI 1300	IT Cabling Termination & Testing	8d	8d	06AUG20	17AUG20	0	107d
3FI 1330	HVAC Equipment Start Up	5d	5d	06AUG20	12AUG20	0	100d
3FI 1020	Electrical Overhead Rough In	15d	15d	10AUG20	28AUG20	0	5d
3FI 1030	Plumbing Overhead Rough in	15d	15d	10AUG20	28AUG20	0	5d
3FI 1040	HVAC Overhead Rough In	15d	15d	10AUG20	28AUG20	0	5d
3FI 1310	Electrical Start up & Permanent Power	6d	6d	13AUG20	20AUG20	0	104d
3FI 1340	HVAC Equipment Commissioning	10d	10d	13AUG20	26AUG20	0	100d
3FI 1050	Fire Sprinkler Overhead Rough in	10d	10d	14AUG20	27AUG20	0	99d
3FI 1060	Install Metal Wall Framing Systems	10d	10d	17AUG20	28AUG20	0	5d
3FI 1070	MEP Wall Rough Ins	10d	10d	20AUG20	02SEP20	0	5d
3FI 1080	Instal Door Frames	5d	5d	20AUG20	26AUG20	0	100d
3FI 1350	Interior Wall Framing - Restroom	5d	5d	31AUG20	04SEP20	0	37d
3FI 1090	MEP Wall Rough In - Inspections	3d	3d	01SEP20	03SEP20	0	5d
3FI 1100	Wall Framing - Inspections	4d	4d	01SEP20	04SEP20	0	5d
3FI 1110	Install Drywall Systems	10d	10d	01SEP20	14SEP20	0	5d
3FI 1360	MEP Wall Rough in - Restroom	9d	9d	01SEP20	11SEP20	0	37d
3FI 1120	Drywall Finishing	15d	15d	07SEP20	25SEP20	0	5d
3FI 1370	MEP Wall Rough Inspection - Restroom	2d	2d	10SEP20	11SEP20	0	37d
3FI 1380	Interior Wall Framing Inspections - Restroom	2d	2d	10SEP20	11SEP20	0	37d
3FI 1390	Install Drywall Systems - Restroom	8d	8d	10SEP20	21SEP20	0	37d
3FI 1130	Drywall Systems - Screw Inspections	3d	3d	14SEP20	16SEP20	0	5d
3FI 1140	Interior Drywall Prime Painting	8d	8d	17SEP20	28SEP20	0	5d
3FI 1150	Install Casework & Millwork Systems	5d	5d	17SEP20	23SEP20	0	80d
3FI 1400	Drywall Screw Inspections - Restroom	2d	2d	17SEP20	18SEP20	0	40d
3FI 1410	Prime Painting - Restroom	3d	3d	21SEP20	23SEP20	0	40d
3FI 1420	Ceramic Tile Installation - Restroom	6d	6d	22SEP20	29SEP20	0	37d
3FI 1160	Acoustical Grid Installation	5d	5d	24SEP20	30SEP20	0	5d
3FI 1170	Overhead MEP Fixtures Installation	10d	10d	24SEP20	07OCT20	0	24d
3FI 1430	Install Plumbing Fixtures - Restroom	5d	5d	29SEP20	05OCT20	0	37d
3FI 1180	Floor Finishes Installation	10d	10d	01OCT20	14OCT20	0	24d
3FI 1190	Install Finish Painting	7d	7d	01OCT20	09OCT20	0	5d
3FI 1440	Install Toilet Compartments - Restroom	3d	3d	05OCT20	07OCT20	0	37d
3FI 1200	MEP Overhead Inspections	3d	3d	07OCT20	09OCT20	0	68d
3FI 1210	Overhead Building Inspections	3d	3d	07OCT20	09OCT20	0	68d

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Interior Drywall Prime Painting
Install Casework & Millwork Systems
Drywall Screw Inspections - Restroom
Prime Painting - Restroom
Ceramic Tile Installation - Restroom
Acoustical Grid Installation
Overhead MEP Fixtures Installation
Install Plumbing Fixtures - Restroom
Floor Finishes Installation
Install Finish Painting
Install Toilet Compartments - Restroom
MEP Overhead Inspections
Overhead Building Inspections
Install Toilet Accessories - Restroom
Finish Painting - Restroom
Install Misc. Accessories - School Products
Install Doors & Hardware
Rough Cleaning
Final Inspections
Final Cleaning
Interior Section or Floor Completion

Install IT Racks & Equipment
Install Electrical Panels & Switchgear Equip.
Install HVAC Equip.at Mech. Room
Install Controls Lines & Benchmarks
Interior Wall Layout
IT Cabling Termination & Testing
HVAC Equipment Start Up
Electrical Overhead Rough In
Plumbing Overhead Rough in
HVAC Overhead Rough In
Electrical Start up & Permanent Power
HVAC Equipment Commissioning
Fire Sprinkler Overhead Rough in
Install Metal Wall Framing Systems
MEP Wall Rough Ins
Instal Door Frames
Interior Wall Framing - Restroom
MEP Wall Rough In - Inspections
Wall Framing - Inspections
Install Drywall Systems
MEP Wall Rough in - Restroom
Drywall Finishing
MEP Wall Rough Inspection - Restroom
Interior Wall Framing Inspections - Restroom
Install Drywall Systems - Restroom
Drywall Systems - Screw Inspections
Interior Drywall Prime Painting
Install Casework & Millwork Systems
Drywall Screw Inspections - Restroom
Prime Painting - Restroom
Ceramic Tile Installation - Restroom
Acoustical Grid Installation
Overhead MEP Fixtures Installation
Install Plumbing Fixtures - Restroom
Floor Finishes Installation
Install Finish Painting
Install Toilet Compartments - Restroom
MEP Overhead Inspections
Overhead Building Inspections

3FI 1450	Install Toilet Accessories - Restroom	2d	2d	08OCT20	09OCT20	0	37d
3FI 1460	Finish Painting - Restroom	5d	5d	09OCT20	15OCT20	0	37d
3FI 1220	Install Misc. Accessories - School Products	5d	5d	15OCT20	21OCT20	0	24d
3FI 1230	Install Doors & Hardware	4d	4d	15OCT20	20OCT20	0	25d
3FI 1240	Rough Cleaning	3d	3d	22OCT20	26OCT20	0	24d
3FI 1250	Final Inspections	3d	3d	27OCT20	29OCT20	0	24d
3FI 1260	Final Cleaning	3d	3d	30OCT20	03NOV20	0	24d
3FI 1270	Interior Section or Floor Completion	0	0	03NOV20		0	24d

ITE CONSTRUCTION - FINAL SITE CONSTRUCTION

		79d	79d	18AUG20	04DEC20	0	1d
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West Final Site Construction

WFC 1000	WS - Concrete Final Grading	10d	10d	18AUG20	31AUG20	0	1d
WFC 1020	WS - Irrigation Systems Install	5d	5d	27AUG20	02SEP20	0	1d
WFC 1040	WS - Landscaping Installation	8d	8d	03SEP20	14SEP20	0	1d
WFC 1010	WS - Form Site Concrete	10d	10d	10SEP20	23SEP20	0	1d
WFC 1030	WS - Site Concrete Installation	10d	10d	17SEP20	30SEP20	0	1d
WFC 1050	WS - Install Final Sodding	5d	5d	01OCT20	07OCT20	0	1d
WFC 1060	WS - Site Exterior Clean Up & Repairs	12d	12d	07OCT20	22OCT20	0	1d

North Final Site Construction

NFC 1000	NS - Concrete Final Grading	10d	10d	21AUG20	03SEP20	0	1d
NFC 1020	NS - Irrigation Systems Install	5d	5d	03SEP20	09SEP20	0	2d
NFC 1040	NS - Landscaping Installation	8d	8d	10SEP20	21SEP20	0	2d
NFC 1010	NS - Form Site Concrete	10d	10d	17SEP20	30SEP20	0	2d
NFC 1030	NS - Site Concrete Installation	10d	10d	24SEP20	07OCT20	0	2d
NFC 1050	NS - Install Final Sodding	5d	5d	08OCT20	14OCT20	0	2d
NFC 1060	NS - Site Exterior Clean Up & Repairs	12d	12d	16OCT20	02NOV20	0	1d

South Final Site Construction

SFC 1000	SS - Concrete Final Grading	10d	10d	09SEP20	22SEP20	0	1d
SFC 1020	SS - Irrigation Systems Install	5d	5d	23SEP20	29SEP20	0	1d
SFC 1040	SS - Landscaping Installation	8d	8d	29SEP20	08OCT20	0	1d
SFC 1010	SS - Form Site Concrete	10d	10d	06OCT20	19OCT20	0	1d
SFC 1030	SS - Site Concrete Installation	10d	10d	13OCT20	26OCT20	0	1d
SFC 1050	SS - Install Final Sodding	5d	5d	27OCT20	02NOV20	0	1d
SFC 1060	SS - Site Exterior Clean Up & Repairs	12d	12d	03NOV20	18NOV20	0	1d

East Final Site Construction

EFC 1000	ES - Concrete Final Grading	10d	10d	23SEP20	06OCT20	0	1d
EFC 1020	ES - Irrigation Systems Install	5d	5d	07OCT20	13OCT20	0	1d
EFC 1040	ES - Landscaping Installation	8d	8d	13OCT20	22OCT20	0	1d
EFC 1010	ES - Form Site Concrete	10d	10d	23OCT20	05NOV20	0	1d
EFC 1030	ES - Site Concrete Installation	10d	10d	29OCT20	11NOV20	0	1d
EFC 1050	ES - Install Final Sodding	5d	5d	12NOV20	18NOV20	0	1d
EFC 1060	ES - Site Exterior Clean Up & Repairs	12d	12d	19NOV20	04DEC20	0	1d

LOSE OUT PROCESS

		375d	375d	23AUG19	08JAN21	0	5d
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Substantial Completion Milestone

CO 1020	Sitework Demolition Substantial Completion	0	0		23AUG19	0	2d
CO 1030	Sitework Under, Utilities Substantial Completion	0	0		22OCT19	0	1d
CO 1040	Chiller Yard Substantial Completion	0	0		28NOV19	0	1d
CO 1070	Building 1st Floor (WS) Substantial Completion	0	0		22MAY20	0	108d
CO 1080	Building 1st Floor (CS) Substantial Completion	0	0		01JUN20	0	102d
CO 1090	Building 1st Floor (ES) Substantial Completion	0	0		30JUL20	0	59d
CO 1050	Building Structure Substantial Completion	0	0		05AUG20	0	55d
CO 1100	Building 2nd Floor Substantial Completion	0	0		20AUG20	0	77d
CO 1060	Building Exterior Substantial Completion	0	0		18SEP20	0	1d
CO 1110	Building 3rd Floor Substantial Completion	0	0		03NOV20	0	24d
CO 1130	Site Hardscape Substantial Completion	0	0		04DEC20	0	1d
CO 1180	Building Final Completion	0	0		04DEC20	0	1d

Close Out Process

CO 1000	Close Out Documents	60d	60d	06AUG20	28OCT20	0	55d
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Install Toilet Accessories - Restroom;							
Finish Painting - Restroom							
Install Misc. Accessories - School Products							
Install Doors & Hardware							
Rough Cleaning							
Final Inspections							
Final Cleaning							
Interior Section or Floor Completicr							

WS - Concrete Final Grading							
WS - Irrigation Systems Install							
WS - Landscaping Installation							
WS - Form Site Concrete							
WS - Site Concrete Installation							
WS - Install Final Sodding							
WS - Site Exterior Clean Up & Repairs							

NS - Concrete Final Grading							
NS - Irrigation Systems Install							
NS - Landscaping Installation							
NS - Form Site Concrete							
NS - Site Concrete Installation							
NS - Install Final Sodding							
NS - Site Exterior Clean Up & Repairs							

SS - Concrete Final Grading							
SS - Irrigation Systems Install							
SS - Landscaping Installation							
SS - Form Site Concrete							
SS - Site Concrete Installation							
SS - Install Final Sodding							
SS - Site Exterior Clean Up & Repairs							

ES - Concrete Final Grading							
ES - Irrigation Systems Install							
ES - Landscaping Installation							
ES - Form Site Concrete							
ES - Site Concrete Installation							
ES - Install Final Sodding							
ES - Site Exterior Clean Up & Repairs							

◆ Sitework Demolition Substantial Completion							
◆ Sitework Under, Utilities Substantial Completion							
◆ Chiller Yard Substantial Completion							
◆ Building 1st Floor (WS) Substantial Completion							
◆ Building 1st Floor (CS) Substantial Completion							
◆ Building 1st Floor (ES) Substantial Completion							
◆ Building Structure Substantial Completion							
◆ Building 2nd Floor Substantial Completion							
◆ Building Exterior Substantial Completion							
◆ Building 3rd Floor Substantial Completion							
◆ Site Hardscape Substantial Completion							
◆ Building Final Completion							

Close Out Documents							
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t date 16FEB19
sh date 08JAN21
i date 28MAY19
*date 28MAY19
e number 13A



CO 1140	MGI Punch List Process	15d	15d	01OCT20	21OCT20	0	5d	MGI Punch List Process
CO 1150	SBBC Punch List Process	15d	15d	22OCT20	11NOV20	0	5d	SBBC Punch List Process
CO 1160	Subcontractor Punch List Work	30d	30d	12NOV20	23DEC20	0	5d	Subcontractor Punch List Work
CO 1170	SBBC Punch List Verification	10d	10d	24DEC20	08JAN21	0	5d	SBBC Punch List Verification
CO 1120	Project Final Completion	0	0		08JAN21	0	5d	Project Final Completion
		518d	442d	10FEB19 A	08JAN21	1	5d	

start date	16FEB19
finish date	08JAN21
start date	28MAY19
end date	28MAY19
sheet number	14A

May 29th, 2019

Via Email: djardine@browardschools.com

Mr. Daniel W. Jardine
Deputy Program Director
School Board of Broward County
Heery Program Management Team
2301 N.W. 26th Street Oakland Park, FL 33311

RE: Cypress Bay High School GOB New Addition, GMP 02
SBBC Project No.: P.001774

Dear Mr. Jardine,

Pursuant to Article 2.5.7 of our Professional Services Agreement (PSA) with the School Board of Broward County, Florida, our office has reviewed the revised GMP #2 Amendment documents distributed on May 29, 2019, for the Construction Management at Risk Contract (CMAR) with The Morganti Group, Inc., in conjunction with the apparent qualified low bidders for the sub-contracts, for the total Guaranteed Maximum Price (GMP) of Twenty-three million six hundred thousand fifty-seven Dollars (\$23,657,000.00), which includes a Construction Contingency in the amount of Nine hundred twenty-one thousand six hundred forty-five Dollars (\$921,645.00) based on the following.

Article 2.1.11.1 Cost Estimate and Article 2.1.11.4 GMP

Our office was provided with the Contractors' and Subcontractors' bids and was involved in the negotiations between CBRE/Heery, acting as the Owner's representative, and The Morganti Group, Inc. related to the provided GMP. Our review finds the GMP Summary including the identified cost of the work, CM general conditions, and amount reserved for Owner's Contingency to be generally consistent with amounts agreed upon between the Owner's Negotiating Team (CBRE/Heery), acting as the Owner's representative, and CMAR, The Morganti Group, Inc. identified in GMP #2 Amendment issued May 29, 2019, including the provided Basis of Costs, Assumptions and Clarifications (page 38 of 55).

Article 2.4.3.6 Agency Approval of the Documents


To the best of our knowledge and based on the approval of the documents and issuance of a permit for construction by the Building Department for the documents completed and submitted as of the date of the GMP #2 Amendment, all mandatory code requirements have been addressed.

Based on our familiarity with the specifics of the project's scope of work, understanding of the complexities associated with successful execution of this type of work while working within an occupied campus, including extended site utilities relocation and the current market conditions, we find the GMP as negotiated to be consistent with project's overall scope and complexity.

We trust you will find this review useful in completing the GMP documents for submission to the Board. We will make ourselves available, as always, in the event you require additional involvement in this matter. Should you have any questions or require further clarification regarding this matter, please do not hesitate to contact us.

Sincerely,

ZYSCOVICH, INC.



Jose Murguido, AIA, REFP
Vice-President

Cc: Matthew Hunt
Michael McGuinn
Adriana Santana
Project File 1703CBHS

EXHIBIT 5

COLLABORATION

SIGN-OFF FORM

Item #/Title of Agenda Request Item: JJ-11./GMP Amendment 2 to the Construction Services Agreement
The Morganti Group, Inc.
Cypress Bay High School, Weston
SMART Program Renovations
Project No. P.001774

School Board Meeting: 06/11/2019

The financial impact of this item is \$23,657,000

- () This project has not been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). These funds in the amount of \$ _____ will come from the Capital Projects Reserve.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is no impact to the project budget.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is no current impact to the project budget. There is a potential future impact to the project budget based on the additional scope approved in this item.
- () This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is an additional impact to the project budget. These funds in the amount of \$ _____ will come from the Capital Projects Reserve.
- (X) Comments: This project has been appropriated in the Adopted District Educational Facilities Plan (September 5, 2018). There is an additional impact to the project budget. These funds in the amount of \$18,839,000 will come from the Capital Projects Reserve. This increases the project budget from \$13,739,000 to \$32,578,000.

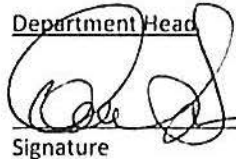
Department Name

Department Head

Department Head

Capital Budget

Omar Shim, Director


Signature

6/3/2019
Date

Note: By signing this collaboration the Capital Budget Department is acknowledging that the budget impact as stated is correct. Other aspects of the agenda item are the responsibility of the department submitting the item.