

FREDERICK W. SEEBA, PE, MANAGING PARTNER
LAWRENCE SALVESEN, AIA, PARTNER
KEVIN J. WALSH, AIA, PARTNER
KENNETH G. SCHUPNER, AIA, PARTNER
JOSEPH B. RETTIG, AIA, PARTNER
GARY W. SCHIEDE, AIA, PARTNER
ROGER P. SMITH, AIA, FOUNDING PRINCIPAL

December 9, 2022

BID ADDENDUM No. 3

Re: Bond Improvements Phase 2
Briarcliff Manor Union Free School District
SED No. 66-14-02-02-0-004-023 (HSMS)
SED No. 66-14-02-02-0-002-021 (ES)
BBS File No 21-274C, 21-274D

This addendum contains changes to the requirements of the contract drawings and/or project manual. Such changes shall be incorporated into the contract documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever this addendum modifies a portion of a paragraph of project manual or any portion of the drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the basic project manual shall govern all work described in this addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this addendum, the conditions of work, etc. included in the basic project manual for similar items of work shall apply to the work described in this addendum.

The "Conditions of the Contract" apply to all work described in this addendum.

The following changes shall be and are hereby made:

NOTE TO BIDDERS:

BID OPENING DATE SHALL BE REVISED TO DECEMBER 21, 2022 @ AT 2:00 P.M. IN THE DISTRICT OFFICE - 45 INGHAM ROAD, BRIARCLIFF MANOR, NEW YORK, 10510

PROJECT MANUAL MODIFICATIONS

1. Specification Section I – Bid Proposal Form
 - a. The attached section shall be replaced in the bid documents.
Revision includes addition of Add Alternate #4 to Base Bid GC-2 at Todd Elementary

CONSTRUCTION DRAWING MODIFICATIONS

MIDDLE SCHOOL/HIGH SCHOOL

MECHANICAL

1. Drawing M6.03 SCHEDULES, EQUIPMENT NOTES AND DETAILS (3 OF 10)
 - a. Construction Drawing is hereby deleted and replaced with the attached.

TODD ELEMENTARY SCHOOL

1. Drawing E4.01 ROPOSED PANEL REPLACEMENT, CO DETECTION, AND MISCELLANEOUS PLANS
 - a. Construction Drawing is hereby deleted and replaced with the attached.

Response to Contractors Written RFI's

1. **Question:** Drawing E4.01, Stage 311A, has two (2) panels to be replaced as part of Alternate #1. The bid proposal does not have an alternate for this scope of work.

BBS Response: Refer to revised bid proposal form include in this addendum for alternate #4 to Base Bid GC-2. Refer to revised drawing E4.02 for Todd Elementary included in this addendum.

2. **Question:** Drawing M6.03 states that equipment tag AC-236 is part of Alternate #4, but plans show this to be a part of alternate #3. Please clarify.

BBS Response: AC-236 shall be part of Add Alternate #3 to Base bid MC-1. Refer to revised drawing M6.03 included in this addendum.

END of Addendum #3

BBS Architects, Landscape Architects and Engineers, P.C.

Phase 2 Bond Improvements at Briarcliff Manor MS/HS and Todd Elementary School

NAME OF BIDDER: _____

BUSINESS ADDRESS: _____

TELEPHONE NUMBER: _____ **DATE OF BID:** _____

The bidder mentioned above declares and certifies:

First: That said bidder is of lawful age and the only one interested in this bid, and that no one other than said bidder has any interest herein.

Second: That this bid is made without any previous understanding, agreement, or connection with any other person, firm, or corporation making a bid for the same purpose, and is in all respects fair and without collusion or fraud.

Third: That no member of the Board of Education of the **Briarcliff Manor Union Free School District, Town of Briarcliff Manor**, New York, nor any officer or employee or person whose salary is payable as a whole or in part from the treasury of said Board of Education is directly or indirectly interested in this bid or in the supplies, materials, equipment, work, or services to which it relates, or in any portion of the profits thereof.

Fourth: That said bidder has carefully examined the Instruction to Bidders, schedules, and specifications prepared under the direction of the Board of Education, and will, if successful in this bid, furnish and deliver at the prices bid and within the time stated, all materials, supplies, apparatus, goods, wares, merchandise, services, or labor for which this bid is made.

Fifth: Single Prime Contracts: Where the project cost does not exceed \$1,500,000 and the Owner has decided to solicit bids from one general contractor, the Bidder shall submit with its bid a separate sealed list that names each subcontractor that the bidder will use to perform work in the contract, and the agreed-upon amount to be paid to each, for: (A) Plumbing and gas fitting; (B) Steam heating, hot water heating, ventilating and air condition apparatus and (C) Electric wiring and standard illuminating fixtures.

After the low bid is announced, the sealed list of subcontractors submitted with such low bid shall be opened and the names of such subcontractors shall be announced, and thereafter any change of subcontractor or agreed-upon amount to be paid to each shall require the approval of the public

owner, upon a showing presented to the public owner of legitimate construction need for such change, which shall be open to public inspection.

Sixth: That the prices quoted are exclusive of all federal, state, and municipal sales and excise taxes.

Seventh: The undersigned further declares that he has received and examined the following addenda:

Addendum No. _____	Dated: _____

FOR PROPOSAL FORM TO BE VALID, ALL PAGES OF THE PROPOSAL FORM MUST BE DULY EXECUTED.

Eighth: The Bidder shall check here _____ if the bid has been based upon equivalents in lieu of any kind, type, brand, or manufacturer of material other than those named in the specifications. If checked, the Bidder shall submit the Equivalency Form in accordance with Instructions to Bidders, Paragraph 8B. This item in no way prohibits the Bidder from submitting equivalents after the award of contract.

Ninth: The undersigned further understands and agrees that he is to furnish all labor, materials, equipment, supplies, and other facilities and things necessary and required for the execution and completion of:

Phase 2 Bond Improvements at Briarcliff Manor MS/HS and Todd Elementary School

in strict accordance with the contract documents:

BASE BID GC-1 GENERAL CONSTRUCTION CONTRACT

The General Contractor shall state the complete price to perform all work including, but not limited to, all abatement, demolition, general construction and roofing construction, related to the **High School/Middle School** reconstruction, as shown on the drawings, and specified herein.

BASE BID GC-1 BID PRICE = \$ _____

Lump Sum Allowance No. 1 = \$ _____ \$75,000
Unforeseen Conditions (See Section 01021)

TOTAL GENERAL CONSTRUCTION
BASE BID GC-1 BID PRICE = \$ _____
Total Construction Base Bid GC-1 Price written in dollars and cents

\$ _____
Total Construction Base Bid GC-1 Price written in words

ALTERNATES FOR BASE BID GC-1

1. ALTERNATE NO. 1 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide general construction for Breakout Rooms 500 & 501 as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

2. ALTERNATE NO. 2 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide additional wall tile to ceiling at toilet rooms 111a, 111b, 111c, 111d, 158, 160, 181a, 181b, above the base bid wainscot tile height as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

3. ALTERNATE NO. 3 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide additional floor tile removal and abatement at Corridor 'C', floor prep and provide new finish flooring as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

4. ALTERNATE NO. 4 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to scrape existing loose paint from Corridor 'C' ceiling, prep, prime and paint with new finishes as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

5. ALTERNATE NO. 5 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide wall and window demolition at College Conf. room 240 and (2) new windows 'SF-29' at Breakout room 500 and Cafeteria 505 as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

6. ALTERNATE NO. 6 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide ceiling tile demolition and provide and install new ceiling tile at Second floor rooms 221, 222, 223, 226, 227, 228, & 229, as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

7. ALTERNATE NO. 7 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide masonry reconstruction as shown on drawing A4.01 and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

8. ALTERNATE NO. 8 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide ceiling tile replacement at High School Chemical Storage Room 236 and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

9. ALTERNATE NO. 9 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide roof modifications at RTU-HVAC 1 as shown on plans and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

10. ALTERNATE NO. 10 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide roof modifications at RTU-X as shown on plans and specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

11. ALTERNATE NO. 11 TO GC-1

The General Contractor shall state the complete price to be **(added to)** the base bid to provide roof modifications at Exhaust fans EF-48 and EF-51 as shown on plans and specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

BASE BID MC-1 MECHANICAL CONSTRUCTION CONTRACT

The Mechanical Contractor shall state the complete price to perform all work including, but not limited to, all demolition mechanical construction at the **High School, Middle School**, as shown on the drawings and specified herein.

BASE BID MC-1 BID PRICE = \$ _____

Lump Sum Allowance No. 2 = \$ _____ \$50,000
Unforeseen Conditions (See Section 01021)

TOTAL MECHANICAL CONSTRUCTION

BASE BID MC-1 BID PRICE = \$ _____

Total Construction Base Bid MC-1 Price written in dollars and cents

\$ _____

Total Construction Base Bid MC-1 Price written in words

ALTERNATES FOR BASE BID MC-1

1. ALTERNATE NO. 1 TO MC-1

The Mechanical Contractor shall state the complete price to be **(added to)** the base bid to provide mechanical construction for Breakout Rooms 500 & 501 as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

2. ALTERNATE NO. 2 TO MC-1

The Mechanical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top demolition and installation of new roof top unit HV-1 and associated mechanical work as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____

Bid Price written in words

3. ALTERNATE NO. 3 TO MC-1

The Mechanical Contractor shall state the complete price to be **(added to)** the base bid to provide mechanical demolition and construction at second floor Chemical Storage Room 236 as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

4. ALTERNATE NO. 4 TO MC-1

The Mechanical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top demolition and installation of new roof top unit RTU-X and associated mechanical work as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

5. ALTERNATE NO. 5 TO MC-1

The Mechanical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top demolition and installation of new roof top fans, EF-51 and EF-48 and associated mechanical work as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

BASE BID EC-1 ELECTRICAL CONSTRUCTION CONTRACT

The Electrical Contractor shall state the complete price to perform all work including, but not limited to, all demolition and electrical construction at the **High School, Middle School**, as shown on the drawings and specified herein.

BASE BID EC-1 BID PRICE = \$ _____

Lump Sum Allowance No. 3 = \$ _____ \$35,000
Unforeseen Conditions (See Section 01021)

Lump Sum Allowance No. 4 = \$ _____ \$30,000
For unused data cabling removals (See Section 01021)

TOTAL ELECTRICAL CONSTRUCTION

BASE BID EC-1 BID PRICE = \$ _____

Total Construction Base Bid EC-1 Price written in dollars and cents

\$ _____

Total Construction Base Bid EC-1 Price written in words

ALTERNATES FOR BASE BID EC-1

1. ALTERNATE NO. 1 TO EC-1

The Electrical Contractor shall state the complete price to be **(added to)** the base bid to provide electrical construction for Breakout Rooms 500 & 501 as shown on the drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

2. ALTERNATE NO. 2 TO EC-1

The Electrical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top electrical demolition and electrical installation of new unit HV-1 at roof as shown on the drawings and

specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

3. ALTERNATE NO. 3 TO EC-1

The Electrical Contractor shall state the complete price to be **(added to)** the base bid to provide electrical demolition and construction at second floor Chemical Storage Room 236 as shown on the drawings and specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

4. ALTERNATE NO. 4 TO EC-1

The Electrical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top demolition and installation of new roof top unit RTU-X and associated electrical work as shown on the drawings and specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

5. ALTERNATE NO. 5 TO EC-1

The Electrical Contractor shall state the complete price to be **(added to)** the base bid to provide roof top demolition and installation of new roof top fans, EF-51 and EF-48 and associated electrical work as shown on the drawings and specified herein.

Add: \$ _____
 Bid Price written in dollars and cents

 \$ _____
 Bid Price written in words

BASE BID GC-2 SINGLE PRIME CONTRACT

The General Contractor shall state the complete price to perform all work including, but not limited to, all abatement, demolition, general construction, mechanical construction, plumbing construction and electrical construction related to the **Todd Elementary School** Interior reconstruction, as shown on the drawings, and specified herein.

BASE BID GC-2 BID PRICE = \$ _____

Lump Sum Allowance No. 6 = \$ _____ \$30,000
Unforeseen Conditions (See Section 01021)

TOTAL GENERAL CONSTRUCTION

BASE BID GC-2 BID PRICE = \$ _____
Total Construction Base Bid GC-2 Price written in dollars and cents

\$ _____
Total Construction Base Bid GC-2 Price written in words

ALTERNATES FOR BASE BID GC-2

1. ALTERNATE NO. 1 TO GC-2

The General Contractor shall state the complete price to be **(added to)** the base bid to provide full height wall tile in lieu of base tile and painted walls at rooms 22, 23, and nurse's office as shown on drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____
Bid Price written in words

2. ALTERNATE NO. 2 TO GC-2

The General Contractor shall state the complete price to be **(added to)** the base bid to provide all toilet room renovation at Toilet Room 43 as shown on drawings and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

\$ _____

Bid Price written in words

3. ALTERNATE NO. 3 TO GC-2

The General Contractor shall state the complete price to be **(added to)** the base bid to provide masonry reconstruction as shown on drawing A4.01/TES and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

4. ALTERNATE NO. 4 TO GC-2

The General Contractor shall state the complete price to be **(added to)** the base bid to provide electrical panel replacements at Stage 311A as shown on drawing E4.01 and specified herein.

Add: \$ _____
Bid Price written in dollars and cents

 \$ _____
Bid Price written in words

The Board of Education hereby reserves the right to accept or reject any item set forth individually in Paragraph Nine above. The Owner may determine the lowest bid by adding one base bid to other base bid(s) and/or by adding to or deducting from those base bid(s), additive or deduct alternates, unit prices, or substitutions, if any, which the Owner elects to accept after the opening of bids.

UNIT PRICES

Should the contract work be increased or decreased as per the General Conditions of the Contract, Article 8, Changes in the Work, the bidder hereby agrees that the following unit price is the basis for the extra or credit. The price includes all labor, material, overhead, profit, administration, insurance, taxes, and incidental or contributory items, or cost to the contractor and/or supplier in connection therewith. The price stipulated below shall be the amount of extra or credit applied to the contract for the increase or decrease in the scope of work.

Unit Prices for General Contractor GC-1

- 1. Unit Price: Abatement and disposal of vinyl asbestos floor tile and mastic \$ _____ /sf
- 2. Unit Price: Furnish and install Chapco's Defender Moisture Vapor Barrier moisture mitigation system in preparation of new resilient flooring \$ _____ /sf
- 3. Unit Price: Glove bag abatement and disposal of pipe fittings (up to 4") \$ _____ /ea
- 4. Unit Price: sawcutting 2' wide concrete slab, remove, Excavation backfilling and new Reinforced Concrete infill. \$ _____ /lf
- 5. Unit Price: Furnish and install 2x2 acoustical Square lay-in ceiling tile \$ _____ /sf
- 6. Unit Price: Furnish and install self-leveling gypsum underlayment \$ _____ /sf
- 7. Unit Price: Furnish and install 12x12 Vinyl Enhanced Tile finish flooring \$ _____ /sf

Unit Prices for Mechanical Contractor MC-1

- 1. Furnish and install 6" HWS/R insulation \$ _____ /lf

Unit Prices for Electrical Contractor EC-1

- 1. Provide removals of unused data cabling

BRIARCLIFF MANOR UNION FREE SCHOOL DISTRICT

BID PROPOSAL FORM

in areas of proposed work scope from
Point of use back to second floor MDF.

\$ _____ /wiring bundle

2. Furnish and install CAT 6E data wiring with
jacks and terminations.

\$ _____ /ea

Tenth: BID SECURITY

Each bidder shall deposit with his bid a bid bond, bank draft, or certified check in the amount of not less than five percent (5%) of the Base Bid made payable to:

Board of Education, Briarcliff Manor UFSD in the amount:

_____ \$(_____)

AND agrees such surety shall be a measure of liquidated damages should he default in delivery of agreement.

Eleventh: COMPLETION (Contractor shall fill in number of days)

It is intended that the work under this contract be completed substantially within _____ consecutive calendar days after receipt of authorized letter of intent issued by the District.

Twelfth: NON-COLLUSIVE BIDDING CERTIFICATION

General Municipal Law, Section 103-d
(Submit with Bid Proposal Form)

A. By submission of this bid, the bidder and each person signing on behalf of the bidder certifies, and if this is a joint bid each party hereto certifies as to its own organization, under penalty of perjury that to the best of the bidder's knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other

bidder or to any competitor; and

3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit a bid for the purpose of restricting competition.

B. A bid shall not be considered for award nor shall award be made where A-1, 2, and 3 above have not been complied with provided, however, that if in any case the bidder shall so state and shall furnish with a bid a signed statement which sets forth in detail the reasons therefore, where A-1, 2, and 3 above have not been complied with, the bid shall not be considered for award nor shall any award be made unless the head of the purchasing unit of the political subdivision, public department agency, or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

The fact that the bidder: (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customers of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute without more, a disclosure within the meaning of Paragraph A above.

C. If the bidder is a corporation, the corporation shall be deemed to have been authorized by the Board of Directors of the bidder to make the above certification and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation.

(Seal of Corporation) _____
Corporate or Company Name

By: _____
Signature Title

Date: _____

Thirteenth:

On acceptance of this proposal for said work, the undersigned hereby binds himself or themselves to enter into written contract with the Board of Education within ten (10) days of date of notice of award, and to comply in all respects with the provisions set forth in "Instructions for Bidders" and

BRIARCLIFF MANOR UNION FREE SCHOOL DISTRICT

BID PROPOSAL FORM

"General Conditions of Contract" in relation to security for the faithful performance of the terms of said contract.

IF A CORPORATION (Seal of corporation):

NAME

ADDRESS

President

Secretary

Treasurer

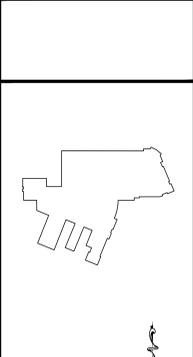
IF A FIRM:

NAME OF MEMBERS

ADDRESS

REV.	DATE	ITEM
1	12.09.22	BID ADDENDUM #3

NOTICE
 THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PREPARED BY BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND, THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME ALL SCHEDULED INFORMATION AS THEY HAVE NOT YET BEEN BUILT AND DERIVED FROM THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



KEY PLAN
 NOT TO SCALE

PROJECT
 BRIARCLIFF MANOR U.F.S.D.
 PHASE 2 BOND IMPROVEMENTS
 TODD ELEMENTARY SCHOOL
 45 INGHAM ROAD, BRIARCLIFF MANOR, NY 10510

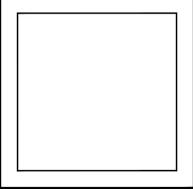
DWG TITLE
 PROPOSED PANEL REPLACEMENT, CO DETECTION, AND MISCELLANEOUS PLANS

DRAWING BY: A.G.
 CHECK BY: F.S.

NOTICE
 THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. REPRODUCTION OR ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY ALTERATION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR ENGINEER.

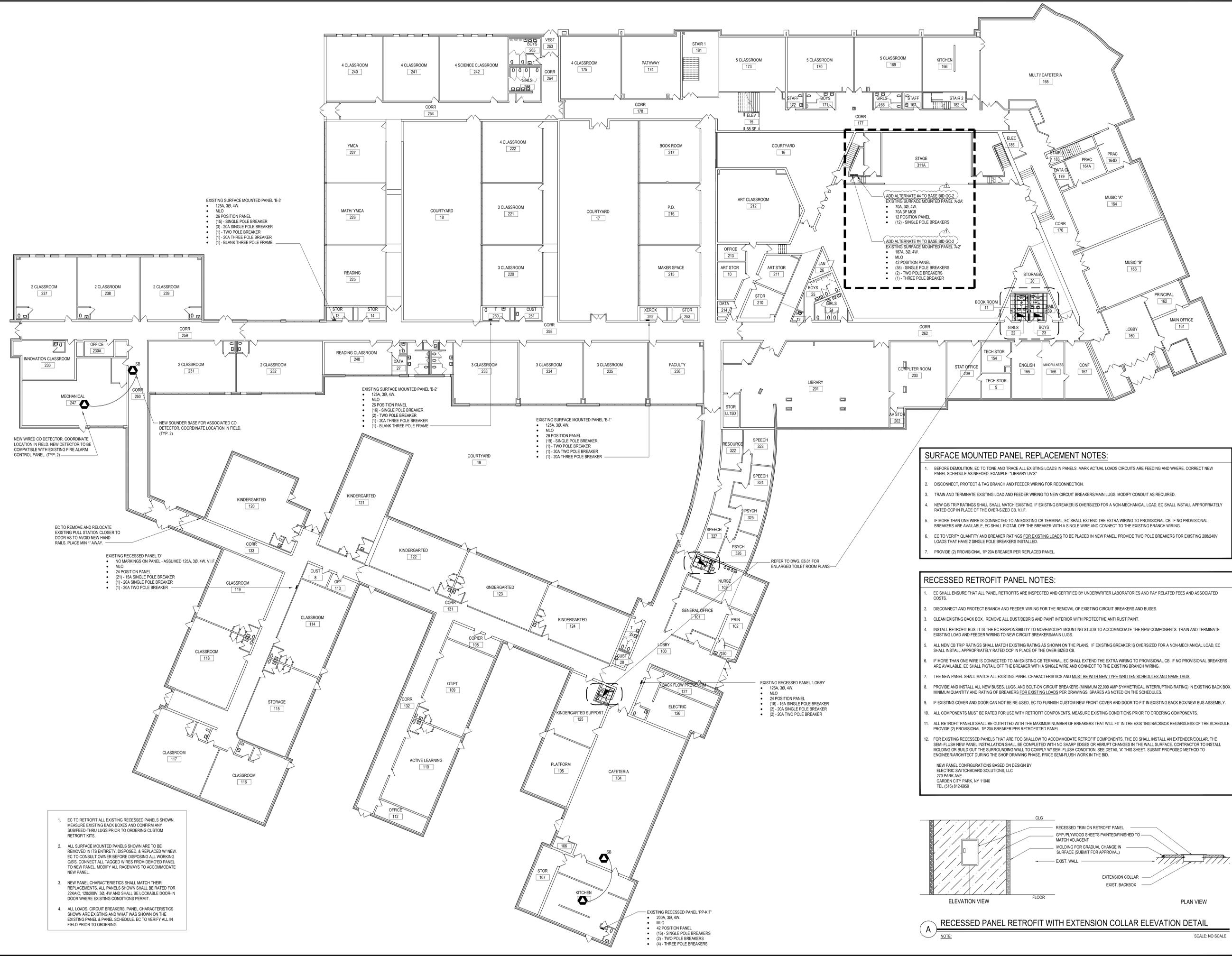
BBS
 ARCHITECTS
 LANDSCAPE ARCHITECTS
 ENGINEERS

244 EAST MAIN STREET PATCHOGUE, NY 11772
 187 WOLF ROAD, STE. 205 ALBANY, NY 12205
 T. 631.475.5349 F. 631.475.5351
 T. 518.621.7650 F. 518.621.7655
 www.BBSARCHITECTURE.com



SED No: 66-14-02-02-0-002-021
 DISTRICT: BRIARCLIFF MANOR U.F.S.D. DISTRICT NAME
 PROJECT: PHASE 2 BOND IMPROVEMENTS AT TODD ES
 DWG TITLE: ELECTRICAL PROPOSED PLANS
 SCALE: AS NOTED
 DATE: NOVEMBER 14, 2022
 BID PICK-UP: NOVEMBER 14, 2022
 FILE NO: 21-247D

E4.01



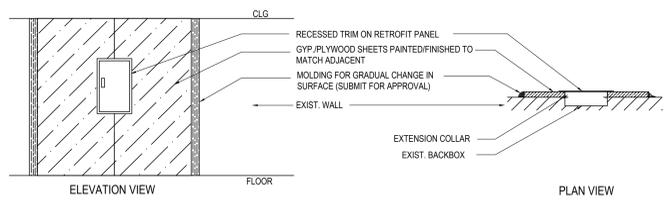
SURFACE MOUNTED PANEL REPLACEMENT NOTES:

- BEFORE DEMOLITION, EC TO TONE AND TRACE ALL EXISTING LOADS IN PANELS. MARK ACTUAL LOADS CIRCUITS ARE FEEDING AND WHERE. CORRECT NEW PANEL SCHEDULE AS NEEDED. EXAMPLE - "LIBRARY UV'S"
- DISCONNECT, PROTECT & TAG BRANCH AND FEEDER WIRING FOR RECONNECTION.
- TRAIN AND TERMINATE EXISTING LOAD AND FEEDER WIRING TO NEW CIRCUIT BREAKERS/MAN LUGS. MODIFY CONDUIT AS REQUIRED.
- NEW CB TRIP RATINGS SHALL MATCH EXISTING. IF EXISTING BREAKER IS OVERSIZED FOR A NON-MECHANICAL LOAD, EC SHALL INSTALL APPROPRIATELY RATED OCP IN PLACE OF THE OVER-SIZED CB. V.I.F.
- IF MORE THAN ONE WIRE IS CONNECTED TO AN EXISTING CB TERMINAL, EC SHALL EXTEND THE EXTRA WIRING TO PROVISIONAL CB. IF NO PROVISIONAL BREAKERS ARE AVAILABLE, EC SHALL PITGAL OFF THE BREAKER WITH A SINGLE WIRE AND CONNECT TO THE EXISTING BRANCH WIRING.
- EC TO VERIFY QUANTITY AND BREAKER RATINGS FOR EXISTING LOADS TO BE PLACED IN NEW PANEL. PROVIDE TWO POLE BREAKERS FOR EXISTING 208/240V LOADS THAT HAVE 2 SINGLE POLE BREAKERS INSTALLED.
- PROVIDE (2) PROVISIONAL 1P 20A BREAKER PER REPLACED PANEL.

RECESSED RETROFIT PANEL NOTES:

- EC SHALL ENSURE THAT ALL PANEL RETROFITS ARE INSPECTED AND CERTIFIED BY UNDERWRITER LABORATORIES AND PAY RELATED FEES AND ASSOCIATED COSTS.
- DISCONNECT AND PROTECT BRANCH AND FEEDER WIRING FOR THE REMOVAL OF EXISTING CIRCUIT BREAKERS AND BUSES.
- CLEAN EXISTING BACK BOX. REMOVE ALL DUST/DEBRIS AND PAINT INTERIOR WITH PROTECTIVE ANTI RUST PAINT.
- INSTALL RETROFIT BUS. IT IS THE EC RESPONSIBILITY TO MOVE/MODIFY MOUNTING STUDS TO ACCOMMODATE THE NEW COMPONENTS. TRAIN AND TERMINATE EXISTING LOAD AND FEEDER WIRING TO NEW CIRCUIT BREAKERS/MAN LUGS.
- ALL NEW CB TRIP RATINGS SHALL MATCH EXISTING RATING AS SHOWN ON THE PLANS. IF EXISTING BREAKER IS OVERSIZED FOR A NON-MECHANICAL LOAD, EC SHALL INSTALL APPROPRIATELY RATED OCP IN PLACE OF THE OVER-SIZED CB.
- IF MORE THAN ONE WIRE IS CONNECTED TO AN EXISTING CB TERMINAL, EC SHALL EXTEND THE EXTRA WIRING TO PROVISIONAL CB. IF NO PROVISIONAL BREAKERS ARE AVAILABLE, EC SHALL PITGAL OFF THE BREAKER WITH A SINGLE WIRE AND CONNECT TO THE EXISTING BRANCH WIRING.
- THE NEW PANEL SHALL MATCH ALL EXISTING PANEL CHARACTERISTICS AND MUST BE WITH NEW TYPE-WRITTEN SCHEDULES AND NAME TAGS.
- PROVIDE AND INSTALL ALL NEW BUSES, LUGS, AND BOLT-ON CIRCUIT BREAKERS (MINIMUM 22,000 AMP SYMMETRICAL INTERRUPTING RATING) IN EXISTING BACK BOX. MINIMUM QUANTITY AND RATING OF BREAKERS FOR EXISTING LOADS PER DRAWINGS. SPARES AS NOTED ON THE SCHEDULES.
- IF EXISTING COVER AND DOOR CAN NOT BE RE-USED, EC TO FURNISH CUSTOM NEW FRONT COVER AND DOOR TO FIT IN EXISTING BACK BOX/NEW BUS ASSEMBLY.
- ALL COMPONENTS MUST BE RATED FOR USE WITH RETROFIT COMPONENTS. MEASURE EXISTING CONDITIONS PRIOR TO ORDERING COMPONENTS.
- ALL RETROFIT PANELS SHALL BE OUTFITTED WITH THE MAXIMUM NUMBER OF BREAKERS THAT WILL FIT IN THE EXISTING BACKBOX REGARDLESS OF THE SCHEDULE. PROVIDE (2) PROVISIONAL 1P 20A BREAKER PER RETROFITTED PANEL.
- FOR EXISTING RECESSED PANELS THAT ARE TOO SHALLOW TO ACCOMMODATE RETROFIT COMPONENTS, THE EC SHALL INSTALL AN EXTENDER COLLAR. THE SEMI-FLUSH NEW PANEL INSTALLATION SHALL BE COMPLETED WITH NO SHARP EDGES OR ABRUPT CHANGES IN THE WALL SURFACE. CONTRACTOR TO INSTALL HOLDING OR BUILD-OUT THE SURROUNDING WALL TO COMPLY W/ SEMI-FLUSH CONDITION. SEE DETAIL 'A' THIS SHEET. SUBMIT PROPOSED METHOD TO ENGINEER/ARCHITECT DURING THE SHOP DRAWING PHASE. PRICE SEMI-FLUSH WORK IN THE BID.

NEW PANEL CONFIGURATIONS BASED ON DESIGN BY
 ELECTRIC SWITCHBOARD SOLUTIONS, LLC
 270 PARK AVE
 GARDEN CITY PARK, NY 11040
 TEL (516) 812-6900



RECESSED PANEL RETROFIT WITH EXTENSION COLLAR ELEVATION DETAIL

NOTE:

SCALE: NO SCALE