Addendum No. 001

Subject: 2020 Classroom Modernizations
SDP Contract Numbers: B-013 C of 19/20 & B-015 C of 19/20

Location: John Welsh School
2331 N. 4th St, Philadelphia PA 19133

This Addendum, dated February 28, 2020, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

BID OPENING FOR THIS PROJECT HAS BEEN POSTPONED UNTIL 2:00 PM ON TUESDAY, MARCH 10, 2020.

GENERAL

CLARIFICATION – Any/all scope dictated in the Asbestos Inspection Report specification and/or the Paint and Plaster specification (where applicable) shall utilize the proposed finishes as indicated on the Color Scheme Schedule within the Classroom Modernization drawings. All color selections and locations shall be approved by the architect.

SPECIFICATIONS

SPECIFICATION 262416 – PANELBOARDS
1. ADD specification in its entirety.

SPECIFICATION 275313 – WIRELESS CLOCK SYSTEM
1. REVISE 2.2.H. to read “H. Basis of Design: Sapling Inc. SMA 2000 3000 Series Master Clock (V8.1), Wireless Clock System. [Addendum No. 1].”

SECTION 87100 – DOOR HARDWARE

1. REVISE John Welsh Hardware Set No. JW-04 to read as follows:
HARDWARE SET NO. JW-04

For use on Door Numbers:

<table>
<thead>
<tr>
<th>100</th>
<th>102</th>
<th>202</th>
<th>205</th>
<th>211</th>
<th>212</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>303</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Provide each SGL door(s) with the following:

<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>CATALOG NUMBER</th>
<th>FINISH</th>
<th>MFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EA CONT. HINGE</td>
<td>112HD</td>
<td>628</td>
<td>IVE</td>
</tr>
<tr>
<td>1</td>
<td>EA VANDL CLASSROOM SEC</td>
<td>ND95TD SPA XN12-035</td>
<td>626</td>
<td>SCH</td>
</tr>
<tr>
<td>2</td>
<td>EA FSIC CORE</td>
<td>23-030</td>
<td>626</td>
<td>SCH</td>
</tr>
<tr>
<td>1</td>
<td>EA CUSTOM LOCK STRIKE</td>
<td>IF REQUIRED BY EXISTING FRAME PREPS</td>
<td>626</td>
<td>ACC</td>
</tr>
<tr>
<td>1</td>
<td>EA WALL STOP</td>
<td>WS406/407CCV</td>
<td>630</td>
<td>IVE</td>
</tr>
<tr>
<td>3</td>
<td>EA SILENCER</td>
<td>SR64</td>
<td>GRY</td>
<td>IVE</td>
</tr>
</tbody>
</table>

NOTE: EXISTING FRAME TO REMAIN
VERIFY EXISTING FRAME PREPS FOR COMpatibility OF SPECIFIED HARDWARE PRIOR TO ORDERING NOTIFY ARCHITECT OF ANY REQUIRED CHANGES

COVER SHEETS

DRAWING CS.1 – COVER SHEET
1. ADD deed address to read “2331-57 N 4th STREET, PHILADELPHIA, PA 19133-2900.”

ARCHITECTURAL DRAWINGS

DRAWING D1.1 – OVERALL FIRST FLOOR DEMOLITION PLAN
1. REVISE plan 1/D1.1. Existing visual display to remain on corridor wall in rooms 100 & 102.
2. CLARIFY only demolish visual display on plan west wall of room 100 and plan east wall of room 102 (demolition note 7C).
3. ADD demolition note 3F as indicated on the drawings.

DRAWING D1.2 – OVERALL SECOND FLOOR DEMOLITION PLAN
1. ADD demolition note 3F as indicated on the drawings.

DRAWING D1.3 – OVERALL THIRD FLOOR DEMOLITION PLAN
1. ADD demolition note 3F as indicated on the drawings.

DRAWING A1.1 – OVERALL FIRST FLOOR PLAN
1. REVISE plan 1/A1.1 to show doors 100 and 102 as new, as indicated on drawings.

DRAWING A1.2 – OVERALL SECOND FLOOR PLAN
1. REVISE plan 1/A1.2 to show doors 202, 205, 211 and 212 as new, as indicated on drawings.

DRAWING A1.3 – OVERALL THIRD FLOOR PLAN
1. REVISED plan 1/A1.3 to show doors 300 and 303 as new, as indicated on drawings.

**DRAWING A6.1 – ROOM FINISH & DOOR SCHEDULE**

1. REVISED Door Schedule to show doors 100, 102, 202, 205, 211, 212, 300 and 303 as new, as indicated on drawings.
2. REVISE Room Finish Schedule column “COLOR SCHEME” at ROOMS 211, 212 to correspond to Color Scheme “C”.
3. REVISE Room Finish Schedule column “COLOR SCHEME” at ROOMS 300, 303 to correspond to Color Scheme “D”.
4. REVISE Color Scheme Schedule – Color Scheme A to read as: “COLOR SCHEME A – KINDERGARTEN”.
   a. REVISED item no. 6 to read as: “6. VINYL COMPOSITION TILE, ACCENT ‘2’: ARMSTRONG, NO. 51947 BASIL GREEN”
   b. ADD item no. 8 to read as: “8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY”.
5. REVISE Color Scheme Schedule – Color Scheme B to read as: “COLOR SCHEME B – FIRST GRADE AND SPECIAL EDUCATION”.
   a. REVISED item no. 3 to read as: “3. ACCENT PAINT 'B' TEACHING WALL: SHERWIN WILLIAMS, NO. SW6765 SPA”
   b. REVISED item no. 5 to read as: “5. VINYL COMPOSITION TILE, ACCENT ‘1’: ARMSTRONG, NO. 51927 FIELD GRAY”
   c. REVISED item no. 6 to read as: “6. VINYL COMPOSITION TILE, ACCENT ‘2’: ARMSTRONG, NO. 57509 LEMON LICK”
   d. ADD item no. 8 to read as: “8. VINYL BASE: JOHNSONITE, NO. 469 MYSTIFY”.
6. REVISE Color Scheme Schedule – Color Scheme C to read as: “COLOR SCHEME C – SECOND GRADE”.
    a. ADD Color Scheme Information for Color Scheme C.
7. REVISE Color Scheme Schedule – Color Scheme D to read as: “COLOR SCHEME D – THIRD GRADE”.
    a. ADD Color Scheme Information for Color Scheme D.
8. ADD to Color Scheme Schedule – General Notes Item # 9 to read as follows: “9. PAINTED ROOM NUMBERS (WHERE OCCURS): BLACK, SEE INTERIOR ELEVATIONS FOR PAINTED ROOM NUMBER LOCATIONS.”
9. REVISE Color Scheme Schedule – General Notes Item No. 7 to read as: “NOT USED”.

**INTERIOR DRAWINGS**

**DRAWING I4.1 – LARGE SCALE LAYOUTS - KINDERGARTEN**

1. REVISED detail 1/I4.1 KINDERGARTEN, B/I4.1 and 4/I4.1 – Remove new Tack Boards as scheduled. These shall be Existing to Remain.

**DRAWING I4.3 – INTERIOR ELEVATIONS & DETAILS**

1. ADD detail 2/I4.3 TYPICAL PAINTED ROOM NUMBER DETAIL, to show typical painted room numbers at all rooms within scope.
ELECTRICAL DRAWINGS

DRAWING E0.1 – ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS
1. REVISE room controller basis-of-design to read “GREENGATE – MODEL #RC3D-PL.”
2. REVISE Interior Lighting Fixture Schedule as indicated on the drawings.

DRAWING ED1.1 - ELECTRICAL FIRST FLOOR DEMOLITION PLAN
1. CLARIFY general note in larger font to read “ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/CONDUIT AND CONDUCTORS IN EACH CLASSROOM.”

DRAWING ED1.2 - ELECTRICAL SECOND FLOOR DEMOLITION PLAN
1. CLARIFY general note in larger font to read “ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/CONDUIT AND CONDUCTORS IN EACH CLASSROOM.”

DRAWING ED1.3 - ELECTRICAL THIRD FLOOR DEMOLITION PLAN
1. CLARIFY general note in larger font to read “ELECTRICAL CONTRACTOR TO PROVIDE ALLOWANCE FOR REMOVAL OF 10'-0" OF SURFACE MOUNTED RACEWAY/CONDUIT AND CONDUCTORS IN EACH CLASSROOM.”

DRAWING E1.1 - ELECTRICAL FIRST FLOOR LIGHTING PLAN
1. REVISE lighting layout as indicated on the drawings.
2. ADD daylight zone and associated sensor and control switch to Classroom 100. Per load of new pendant mounted fixtures, daylight zone is now required by code.
3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E1.2 - ELECTRICAL SECOND FLOOR LIGHTING PLAN
1. REVISE lighting layout as indicated on the drawings.
2. ADD daylight zone and associated sensor and control switch to Classrooms. Per load of new pendant mounted fixtures, daylight zone is now required by code.
3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E1.3 - ELECTRICAL THIRD FLOOR LIGHTING PLAN
1. REVISE lighting layout as indicated on the drawings.
2. ADD daylight zone and associated sensor and control switch to Classrooms. Per load of new pendant mounted fixtures, daylight zone is now required by code.
3. REMOVE note to provide new switches in existing back boxes per drawings, as 3 switches will not fit in the existing back box

DRAWING E2.1 - ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN
1. ADD general sheet note #6 to read “ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OFF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.”
2. REVISE data outlet locations and scope as indicated on the drawings.

DRAWING E2.2 - ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN
1. ADD general sheet note #6 to read “ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OFF EACH
CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.”

2. REVISE data outlet locations and scope as indicated on the drawings.

**DRAWING E2.3 - ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN**

1. ADD general sheet note #6 to read “ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OFF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.”

2. REVISE data outlet locations and scope as indicated on the drawings.

**DRAWING E7.1 - ELECTRICAL DETAILS**

1. REVISE 3/E7.1 Typical Classroom Lighting Controller diagram as indicated on the drawings.

**BIDDER QUESTIONS SUBMITTED TO DATE & RESPONSES ARE AS FOLLOWS:**

1. On the website, each school has an EC and GC bid. Who will be responsible for the HVAC and Plumbing work that is included?

   **Answer:** There is no HVAC work in the project. Plumbing will be the responsibility of the GC.

2. Specifications call for Sapling Master 2000 Clock. Sapling 3000 is normally the school district standard. Manufacturer comment "a 3000 can set up bell schedules where a 2000 cannot. Philly schools does not have intercom systems, so they have no way of ringing bells without the 3000." Should the specs be revised to install a 3000?

   **Answer:** Specification 275313 has been revised in this addendum. Refer to specification addendum section, above.

3. The specifications do not contain a specification for the electrical panels. Can you provide?

   **Answer:** The specification has been added as part of this addendum.

4. Panel drawn calls for semi-recessed panel. The existing backbox will not accept a 42 circuit panel and meet code for bending requirements. Can we blank off existing backbox and install surface panel? (Please do not tell us to cut and remove backbox, it’s in glazed block).

   **Answer:** A surface mounted panelboard will cause a 6" intrusion into the Path of Egress which is not permitted. The Contractor must cut the glazed block wall to accommodate the panels.
5. Drawing D1.1, Demolition Note 9A states “existing unit ventilator and/or radiator, radiator cover and all associated piping and components to be removed (as applicable) and refinished with electrostatic paint and reinstalled as scheduled. Clean unit ventilator and/or radiator and all associated components prior to reinstallation of cover.” Is this the responsibility of the GC?

**Answer Part 1:** Drawing D1.1, Demolition Note 9A should read “existing unit ventilator cover and/or radiator cover to be removed (as applicable) and refinished with electrostatic paint and reinstalled as scheduled. Clean unit ventilator and/or radiator and all associated components prior to reinstallation of cover.”

**Answer Part 2:** Yes, the refinishing and reinstallation of the unit ventilator cover is the responsibility of the GC.

6. The contract drawings don't show any details regarding the scope of work. The notes on the drawings lead us to believe that the intent is to Paint the Ventilator Grilles and Radiator covers. Please clarify?

**Answer:** See Question #6, above. Also refer to Specification 105115 Electrostatic Painting for refinishing requirements for metal surfaces.

7. The contract drawings don't show any window film. Please clarify?

**Answer:** Per Specification 101115, Section 2.2.B.2, location to be at Samuel L. Gompers Elementary per drawings only.

8. Drawings don't show S.S. Corner Guard locations. Please Clarify?

**Answer:** Per Specification 102600, Section 2.3.A.7, we have indicated corner guards to be received at three schools; John B. Kelly Elementary per drawings, Overbrook Educational Center per drawings, and Fox Chase Elementary per drawings.

9. Reference Supplementary Conditions Par. 16 Photographs, Are photos necessary for this type of project? Please consider deleting from scope of work. (Save $)

**Answer:** No; however, digital photographs on CD's or flash drives will be acceptable: and prints and negatives not required.

10. The general spec Div. 1 list Gompers ES on the top, not Welsh ES. Are we to use these specs for this project?

**Answer:** Yes
11. Is asbestos part of this scope of work?

**Answer:** Yes. Refer to Specification Section 01 1100 Environmental Coordination, 01 1135-Asbestos Abatement and Lead Based Paint Stabilization Specifications.

12. Is asbestos the responsibility of the contractor awarded the project?

**Answer:** Asbestos is the responsibility of the GC that is awarded the project.

13. Is electrical part of this scope of work?

**Answer:** The electrical part of the scope is the responsibility of the Electrical Contractor.

14. Is electrical the responsibility of the contractor awarded the project?

**Answer:** The electrical is the responsibility of the Electrical Contractor that is awarded the electrical contract.

15. It has come to our attention that 3 of the vct color is being discontinued as of April 30th.
Discontinued colors are
  Cantaloupe
  Pumpkin Orange
  Greenery

Will you be revising the finish schedule?

**Answer:** Yes. Revised Finish Drawing A6.1 attached.

**ATTACHMENTS**

**SPECIFICATIONS**
SPECIFICATION 262416 PANELBOARDS

**DRAWINGS**
DRAFTING D1.1 OVERALL FIRST FLOOR DEMOLITION PLAN
DRAFTING D1.2 OVERALL SECOND FLOOR ELEVATION PLAN
DRAFTING D1.3 OVERALL THIRD FLOOR DEMOLITION PLAN
DRAFTING A1.1 OVERALL FIRST FLOOR PLAN
DRAFTING A1.2 OVERALL SECOND FLOOR PLAN
DRAFTING A1.3 OVERALL THIRD FLOOR PLAN
DRAWING A6.1  ROOM FINISH & DOOR SCHEDULE  
DRAWING I4.1  LARGE SCALE LAYOUTS – KINDERGARTEN  
DRAWING I4.3  INTERIOR ELEVATIONS & DETAILS  
DRAWING E0.1  ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS  
DRAWING E1.1  ELECTRICAL FIRST FLOOR LIGHTING PLAN  
DRAWING E1.2  ELECTRICAL SECOND FLOOR LIGHTING PLAN  
DRAWING E1.3  ELECTRICAL THIRD FLOOR LIGHTING PLAN  
DRAWING E2.1  ELECTRICAL FIRST FLOOR POWER AND TECHNOLOGY PLAN  
DRAWING E2.2  ELECTRICAL SECOND FLOOR POWER AND TECHNOLOGY PLAN  
DRAWING E2.3  ELECTRICAL THIRD FLOOR POWER AND TECHNOLOGY PLAN  
DRAWING E7.1  ELECTRICAL DETAILS  

END OF ADDENDUM #001
3 - DOOR DEMOLITION & RENOVATION

- Existing window shades and associated components shall be removed in their entirety. Patch and prepare adjacent finishes for new finishes and/or shades.

4 - EXISTING WALLS

- Existing walls shall be scraped; remove any/all abandoned or unused conduit, wiring, fasteners, brackets, projectors and mounts, projectors, screens, TVs, and mounts, blocking and associated accessories in their entirety. All abandoned or unused conduit, wiring, and piping shall be removed to the source of supply. Prepare adjacent surfaces for new finishes as scheduled. Refer to engineering drawings for further information where occurs.

5 - CEILING

- Existing adhered ceiling tile in its entirety. Remove any/all abandoned or unused conduit, wiring, fasteners, brackets, projectors, and mounts and associated accessories in their entirety. All abandoned or unused conduit, wiring, and piping shall be removed to the source of supply. Clean to "like new" condition.

6 - FLOOR

- Prepare existing concrete floor and associated base to receive new floor finish and base as scheduled. Contractor shall level flooring as required to accept new subflooring, finish and transitions as scheduled. Where floor drains and/or connections occur, contractor shall modify existing connections as required to accept new finishes.

7 - EQUIPMENT DEMOLITION & RENOVATION

- Existing unit ventilator and/or radiator, radiator cover, and all associated piping and components to be removed (as applicable), refinished with electrostatic paint and reinstalled as scheduled. Clean unit ventilator and/or radiator and all components as scheduled. Existing unit ventilator and/or radiator cover to remain. Clean to "like new" condition.

- Existing unit ventilator and/or radiator cover to remain. Clean to "like new" condition.

- Existing HVAC equipment to remain and be cleaned to "like new" condition.

8 - EXISTING CASEWORK & SHELVING

- Remove existing smartboard wall or floor-mounted brackets where occurs. Patch and prepare all adjacent finishes for new work and finish as scheduled.

- Remove existing built-in casework, built-in shelving, and/or coat hooks and associated blocking and fasteners in their entirety. Patch and prepare all adjacent finishes for new work and finish as scheduled.

- Remove existing built-in casework and built-in shelving units for new finish as scheduled. Shall be free of any fasteners, staples, adhesives, etc. Entire assembly to be thoroughly cleaned, sanded, patched of any penetrations or cracking and prepared to receive new finishes as scheduled.

- Prepare existing tiered coat hook and shelf system for new finish as scheduled. Entire system and adjacent surfaces shall be free of any fasteners, staples, adhesives, etc. Entire assembly to be thoroughly cleaned, sanded, patched of any penetrations or cracking and prepared to receive new finishes as scheduled.

- Prepare existing built-in casework and built-in shelving units for new finish as scheduled. Shall be free of any fasteners, staples, adhesives, etc. Entire assembly to be thoroughly cleaned, sanded, patched of any penetrations or cracking and prepared to receive new finishes as scheduled.

9 - MEP DEMOLITION & RENOVATION

- Existing unit ventilator and/or radiator cover to remain. Clean to "like new" condition.

- Remove existing plumbing fixtures and patch any/all penetrations and prepare surface to receive new finish and/or work as scheduled. Refer to engineering drawings for further information where occurs.

- Remove all plumbing and prepare surface to receive new finish. Where capped or undisturbed exposed plumbing and associated accessories remain, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.

- Prepare existing concrete floor and associated base to receive new floor finish and base as scheduled. Contractor shall level flooring as required to accept new subflooring, finish and transitions as scheduled. Where floor drains and/or connections occur, contractor shall modify existing connections as required to accept new finishes.

- Existing finish shall be completely removed. Remove and reinstall existing assembly with new finish and hardware back to existing location. Contractor shall verify in field all door and hardware requirements.

- Existing finish shall be completely removed. Remove and reinstall existing assembly with new finish and hardware back to existing location. Contractor shall verify in field all door and hardware requirements.

- Prepare existing pipe trays/dispensers or recessed paper towel dispensers/waste receptacles where occurs. Remove and patch wall to receive new finish as scheduled.

- Prepare existing metal conduit and associated accessories where occurs and patch any/all penetrations and cracks throughout and prepare ceilings, beams, exposed piping and conduit and associated accessories to receive new finish matching adjacent surface as scheduled. Where capping of old or abandoned systems occurs, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.

- Prepare existing conduit and associated accessories where occurs and patch any/all penetrations and cracks throughout and prepare ceilings, beams, exposed piping and conduit and associated accessories to receive new finish matching adjacent surface as scheduled. Where capping of old or abandoned systems occurs, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.

- Prepare existing conduit and associated accessories where occurs and patch any/all penetrations and cracks throughout and prepare ceilings, beams, exposed piping and conduit and associated accessories to receive new finish matching adjacent surface as scheduled. Where capping of old or abandoned systems occurs, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.

- Prepare existing conduit and associated accessories where occurs and patch any/all penetrations and cracks throughout and prepare ceilings, beams, exposed piping and conduit and associated accessories to receive new finish matching adjacent surface as scheduled. Where capping of old or abandoned systems occurs, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.

- Prepare existing conduit and associated accessories where occurs and patch any/all penetrations and cracks throughout and prepare ceilings, beams, exposed piping and conduit and associated accessories to receive new finish matching adjacent surface as scheduled. Where capping of old or abandoned systems occurs, provide cover plate and paint to match existing surfaces. Refer to engineering drawings for further information where occurs.
**OFFICE OF CAPITAL PROGRAMS**

**THE SCHOOL DISTRICT OF PHILADELPHIA**

**OFFICE OF CAPITAL PROGRAMS**

**1 - WALL DEMOLITION & RENOVATION**

MATCHING ADJACENT FINISHED SURFACE AS SCHEDULED.

**2 - WINDOW DEMOLITION & RENOVATION**

ALL EXISTING WINDOW SHADES AND ASSOCIATED COMPONENTS SHALL BE REMOVED IN THEIR ENTIRETY. PATCH AND PREPARE ADJACENT FINISHES FOR NEW FINISHES AND/OR SHADES.

**3 - DOOR DEMOLITION & RENOVATION**

BE REMOVED IN ITS ENTIRETY (WHERE OCCURS). PREPARE DOOR AND/OR FRAME ASSEMBLIES TO RECEIVE NEW INFILL AS SCHEDULED. REMOVE ALL COMPONENTS OF DOOR OR HARDWARE UNTIL ALL COMPONENTS OF NEW ASSEMBLY ARE PHYSICALLY ON SITE, INCLUDING CORES.

INCLUDING OLD HARDWARE PENETRATIONS, SHALL BE PATCHED WITH SAME MATERIAL AND PROFILE AS FRAME. SAND AND RETURN TO "LIKE NEW" CONDITION AND PREPARE FOR NEW FINISH AS SCHEDULED. ALL MISCELLANEOUS HARDWARE AND SECURITY GRILLES AND ASSOCIATED ACCESSORIES REMOVED. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.

EXISTING LOCKER DOOR AND FRAME ASSEMBLY TO REMAIN. REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). REMOVE LOOSE PAINT AND RUST, AND OTHER FOREIGN ITEMS. EXISTING CHIPPED, DETERIORATED AND UNEVEN EXISTING COATINGS SHALL BE COMPLETELY REMOVED FROM ENTIRE ASSEMBLY. SAND ENTIRE ASSEMBLY. FOLLOW WITH SPECIFIED ELECTROSTATIC COATINGS PER SCHEDULE. INSTALL HARDWARE BACK TO EXISTING LOCATION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.

PLUMBING CONNECTIONS OCCUR, CONTRACTOR SHALL MODIFY EXISTING CONNECTIONS AS REQUIRED TO ACCEPT NEW FINISH.

**4 - CONCRETE FLOOR & BASE**

PREPARE EXISTING CONCRETE FLOOR AND ASSOCIATED BASE TO RECEIVE NEW FLOOR FINISH AND BASE AS SCHEDULED. CONTRACTOR SHALL LEVEL FLOORING AS REQUIRED TO ACCEPT NEW SUBFLOORING, FINISH AND TRANSITIONS AS SCHEDULED. WHERE FLOOR DRAINS AND/OR PLUMBING CONNECTIONS OCCUR, CONTRACTOR SHALL MODIFY EXISTING CONNECTIONS AS REQUIRED TO ACCEPT NEW FINISH.

**5 - CEILING DEMOLITION & RENOVATION**

EXISTING HARD CEILING AND/OR METAL CEILINGS SHALL BE SCRAPED; REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). CLEAN UNIT VENTILATOR AND/OR RADIATOR AND ALL ASSOCIATED COMPONENTS PRIOR TO REINSTALLATION OF COVER.

MEP ENGINEERS

**6 - BUILT-IN CASEWORK, SHELVING & HOOKS**

EXISTING BUILT-IN CASEWORK, BUILT-IN SHELVING AND/OR COAT HOOKS AND ASSOCIATED BLOCKING AND FASTENERS SHALL BE REMOVED IN THEIR ENTIRETY. PATCH AND PREPARE ALL ADJACENT FINISHES FOR NEW WORK AND FINISH AS SCHEDULED.

EXISTING SMARTBOARD WALL OR FLOOR MOUNTED BRACKETS IN THEIR ENTIRETY, WHERE OCCURS. PATCH AND PREPARE ALL ADJACENT FINISHES FOR NEW WORK AND FINISH AS SCHEDULED.

PREPARE EXISTING BUILT-IN CASEWORK AND BUILT-IN SHELVING UNITS FOR NEW FINISH AS SCHEDULED. SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED.

PREPARE EXISTING TIERED COAT HOOK AND SHELF SYSTEM FOR NEW FINISH AS SCHEDULED. ENTIRE SYSTEM AND ADJACENT SURFACES SHALL BE FREE OF ANY FASTENERS, STAPLES, ADHESIVES, ETC. ENTIRE ASSEMBLY TO BE THOROUGHLY CLEANED, SANDED, PATCHED OF ANY PENETRATIONS OR CRACKING AND PREPARED FOR NEW FINISH AND INFILL AS SCHEDULED.

**7 - ELECTRIC FIXTURES**

REMOVAL OF ANY ELECTRICAL FIXTURES OCCURS WITHIN WALLS OR CEILINGS, REMOVE AND PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED. REMOVE ANY/ALL OBSOLETE BOXES AND CONDUIT. PULL OUT AND DISCONNECT ALL BOXES AND CONDUIT PRIOR TO REMOVAL. BURY OR REMOVE ANY CONDUIT, BOXES OR INTERNAL PHASING CONNECTIONS IN WALL OR CEILING PRIOR TO REMOVAL. REMOVE ANY/ALL OBSOLETE WIRING AND REPLACE WITH NEW AS SCHEDULED. PATCH ANY EXISTING PENETRATIONS THROUGH WALLS OR CEILING PRIOR TO REMOVAL. Patch any existing penetrations through walls or ceiling prior to removal.

REFERENCES

R. JEFFREY STRAUB

STATE AND LICENSE NO: RA403652

CONTRACTED TO MANAGE SOURCES OF NEARLY ALL WORK AS SCHEDULED. PREPARE ALL SURFACES TO RECEIVE NEW FINISH AS SCHEDULED. WHERE CAPPING OF OLD OR ABANDONED SYSTEMS OCCURS, PROVIDE COVER PLATE AND PAINT TO MATCH EXISTING SURFACES. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.

**MEP ENGINEERS**

TRAYS/DISPENSERS OR RECESSED PAPER TOWEL DISPENSERS/WASTE RECEPTACLES OCCUR, REMOVE AND PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

Baltimore, MD 21202

Phone: 667-309-6036

Email: deepak.at@setty.com

Attn: Deepak Ajjimane

**ARCHITECT**

Mechanicsburg, PA 17055

Email: jharder@cra-architects.com

Attn: Jessie Harder

**CONTRACTOR**

401 E. Winding Hill Road

Savannah, GA 31409

Email: snewman@cra-contractors.com

Attn: Robert Newman

**ENGINEER**

R. JEFFREY STRAUB

STATE AND LICENSE NO: RA403652

CONTRACTED TO MANAGE SOURCES OF NEARLY ALL WORK AS SCHEDULED. PREPARE ALL SURFACES TO RECEIVE NEW FINISH AS SCHEDULED. WHERE CAPPING OF OLD OR ABANDONED SYSTEMS OCCURS, PROVIDE COVER PLATE AND PAINT TO MATCH EXISTING SURFACES. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.

**MEP ENGINEERS**

TRAYS/DISPENSERS OR RECESSED PAPER TOWEL DISPENSERS/WASTE RECEPTACLES OCCUR, REMOVE AND PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

Baltimore, MD 21202

Phone: 667-309-6036

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CONTRACTED TO MANAGE SOURCES OF NEARLY ALL WORK AS SCHEDULED. PREPARE ALL SURFACES TO RECEIVE NEW FINISH AS SCHEDULED. WHERE CAPPING OF OLD OR ABANDONED SYSTEMS OCCURS, PROVIDE COVER PLATE AND PAINT TO MATCH EXISTING SURFACES. REFER TO ENGINEERING DRAWINGS FOR FURTHER INFORMATION WHERE OCCURS.
LOCKER HARDWARE SCHEDULE

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<th>NO</th>
<th>DESCRIPTION</th>
<th>HARDWARE</th>
<th>REMARKS</th>
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<tr>
<td>L-1</td>
<td>EXISTING METAL LOCKER ASSEMBLY PROVIDE REPLACEMENT HANDLE ASSEMBLY SET TO EVERY DOOR, LYON BRAND LL1741 OR EQUAL. PROVIDE REPLACEMENT AND/OR INSTALL LOCK CYLINDER SET TO EVERY DOOR, PRIME-LINE MP4140 LOCK OR EQUAL. COLOR TO BE STEEL. REPLACE ANY/ALL HOOKS WITHIN ASSEMBLY WITH NEW, SINGLE PRONG SIDE HOOK LU126 OR SIMILAR. REMOVE ANY/ALL OBSOLETE EQUIPMENT AND FASTENERS (ALL SURFACES). REMOVE ALL DIRT, LOOSE PAINT AND RUST, AND OTHER FOREIGN ITEMS. EXISTING CHIPPED, DETERIORATED AND UNEVEN EXISTING COATINGS SHALL BE COMPLETELY REMOVED FROM ENTIRE ASSEMBLY. SAND ENTIRE ASSEMBLY. FOLLOW WITH SPECIFIED ELECTROSTATIC COATINGS PER MANUFACTURER'S INSTRUCTIONS TO ALL METAL SURFACES. WHERE THE EXISTING FINISH IS INCOMPATIBLE WITH NEW SCHEDULED COATINGS, THE EXISTING FINISH SHALL BE COMPLETELY REMOVED. REMOVE AND REINSTALL EXISTING ASSEMBLY WITH NEW FINISH AND HARDWARE BACK TO EXISTING LOCATION. CONTRACTOR SHALL VERIFY IN FIELD ALL DOOR AND HARDWARE REQUIREMENTS.</td>
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1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.
2. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.
3. PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.
4. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
5. TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
8. COORDINATE LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC. WITH OTHER EQUIPMENT AND FINISH SCHEDULE PRIOR TO INSTALLATION.
9. UNLESS NOTED OTHERWISE, ALL FLOOR DRAINS SHALL BE SET 1/4" MAXIMUM. BELOW FINISH FLOOR. DISH FINISH FLOOR A MINIMUM OF 24" RADIUS TO TOP OF FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
10. REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.

GENERAL NOTES:

- ADDITIONAL INFORMATION.
- ACCESSIBLE FIXTURES.
- PLUMBING FIXTURE.
- TOILET PARTITION.
- WOOD BLOCKING.
- TOILET PARTITION DIMENSIONS.
- WALL FINISHES.
- LOCATION OF SURFACE MOUNTED TOILET ROOM ACCESSORIES.
- LOCATION OF MEP EQUIPMENT, DEVICES, OUTLET BOXES, ETC.
- FLOOR DRAINS.
- BUILT-IN CASEWORK DOOR HARDWARE LOCATION.

ADDENDUM # 2
REOUIRED:
1. REFER TO SHEET CS.2 FOR ADDITIONAL INFORMATION.
2. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.
3. PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.
4. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
5. TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
6. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
7. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
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10. REFER TO I4 DRAWINGS FOR ADDITIONAL BUILT-IN CASEWORK DOOR HARDWARE LOCATION AND INFORMATION.

GENERAL NOTES:
- Refer to the specific project manual for additional information.
- Accessibility requirements must be met for all accessible routes and maneuvering clearances.
- Plumbing fixture rough-in dimensions and toilet partition layout dimensions are from the wall finish material.
- Wood blocking must be provided in stud walls for all toilet accessories.
- Toilet partition dimensions are to the panel centerline unless otherwise noted. Minimum clear dimensions must be provided where noted.
- Coordinate all wall finishes with the room finish schedule.
- Confirm the location of all surface-mounted toilet room accessories with the owner's representative prior to installation.
- Unless otherwise noted, all floor drains shall be set 1/4" maximum below finish floor. Dish finish floor minimum of 24" radius to top of floor drain. Refer to plumbing drawings.
- Refer to I4 drawings for additional built-in casework door hardware location and information.
NOTE: COORDINATE ALL CASEWORK LAYOUTS AND VISUAL DISPLAY LAYOUTS WITH FLOOR PLAN. IN INSTANCE WHERE FLOOR PLAN/ELEVATIONS DO NOT COINCIDE, FLOOR PLAN LAYOUT TAKES PRECEDENCE. VISUAL DISPLAY BOARD LAYOUT AND DIMENSIONS VARY - VERIFY IN FIELD ALL DIMENSIONS AND LAYOUTS PRIOR TO FABRICATION OR INSTALLATION.

EXISTING METAL STORAGE UNITS TO REMAIN, TYPICAL. REFINISH INSIDE AND OUTSIDE OF STORAGE UNIT. PREPARE FOR NEW FINISH AS SCHEDULED.

COORDINATE EXISTING VENT W/ WALL CABINETS, TYPICAL. IN INSTANCE WHERE VENT IS PRESENT, OMIT CABINET SHOWN.

NEW PAINTED ROOM NUMBERS TO MATCH EXISTING IN HEIGHT, STYLE AND NAMING, IN COLOR, TYPICAL @ ALL ROOMS WITHIN SCOPE OF WORK.

WOOD INTERIOR SURFACES EXISTING TIERED COAT HOOK AND SHELF SYSTEM, INCLUDING ALL COMPONENTS AND BLOCKING, PAINTED. PROVIDE (30) NEW HEAVY DUTY DOUBLE WARDROBE COAT HOOKS, STAINLESS STEEL. HOOK SHALL BE INSTALLED EVENLY ON EXISTING TIERS. VERIFY HOOK SPACING WITH OWNER BEFORE INSTALLATION.

VIF, TYP. MATCH EXISTING HEIGHT
ABBREVIATIONS

NOTE: ALL ABBREVIATIONS MAY NOT APPEAR ON THE DRAWINGS

1. INSTALLATION OF ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING REGULATIONS, CODES, ETC.

A. AMPERE

AFF ABOVE FINISHED FLOOR

B. Ampere

AWG AMERICAN WIRE GAUGE

C. Conduit

CB CIRCUIT BREAKER

D. Conduit

CIRCUIT BREAKER

E. Philadelphia Energy Conservation Code

EM DEVICE ON EMERGENCY CIRCUIT

F. Equipment, and Space Conditions on Which His Work Is in Any Way Dependent for the Best Workmanship

G. Equipment, and Space Conditions on Which His Work Is in Any Way Dependent for the Best Workmanship

H. Horse Power

HP HORSE POWER

I. Kilo Volt Amps

KVA KILOVOLT-AMPS

J. Kilo Watt

KW KILOWATT

K. Kilowatt

KWH KILOWATT-HOURS

L. KVAH KILOVOLT-AMPERE-HOURS

M. Kilovolt-Ampere-Hours

N. KWHH KILOWATT-HOUR

O. Kilo-Watt Hour

P. Microhertz

uHZ MICROHERTZ

Q. Milliamps

mA MILLIAMPERE

R. Milliampere

µA MICROAMPERE

S. Milliamperes

µA MICROAMPERE

T. Milliampere

µA MICROAMPERE

U. mAh MILLIAMPERE-HOURS

V. Milliampere-Hours

W. Milliampere Hours

X. Milliamps

mA MILLIAMPERE

Y. Milliamps

mA MILLIAMPERE

Z. Milliamp

mA MILLIAMPERE

A. Microsecond

µS MICROSECOND

B. Millisecond

mS MILISECOND

C. Millisecond

mS MILISECOND

D. Millisecond

mS MILISECOND

E. Microsecond

µS MICROSECOND

F. Microsecond

µS MICROSECOND

G. Microsecond

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H. Microsecond

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I. Microsecond

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J. Microsecond

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2. REFER TO ARCHITECTURAL DRAWINGS TO VERIFY THE ELEVATIONS, DETAILS, LOCATION, MOUNTING HEIGHTS AND ADDITIONAL INFORMATION PRIOR TO THE ROUGH-IN OF LIGHTING FIXTURES AND CONTROL DEVICES.

3. AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHTING FIXTURES IN THE CONTRACT AREA AND RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURES. BLEMISHED, DAMAGED OR UNSATISFACTORY FIXTURES ARE TO BE REPLACED IN A SATISFACTORY MANNER.

1. CONTRACTOR TO FIELD VERIFY SOURCE OF THE EXISTING LIGHTING CIRCUIT PRIOR TO COMMENCING NEW LIGHTING INSTALLATION. CIRCUIT NUMBER SHOWN FOR REFERENCE ONLY. PROVIDE NEW OCCUPANCY SENSOR AND ROOM CONTROLLER AS SHOWN. REWIRE THE LIGHT FIXTURES, SWITCHES AND ROOM CONTROLLER TO ACCOMMODATE NEW LIGHTING FIXTURES LAYOUT AND CONTROLS AS REQUIRED. REFERENCE DETAIL #3 ON DWG E7.1 FOR WIRING DIAGRAM.
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**GENERAL SHEET NOTES**

**KEYED SHEET NOTES**

**B1**

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**DAYLIGHT ZONE**

**RC**

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**3RD GRADE CLASSROOM 300**

**3RD GRADE CLASSROOM 303**

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**PANEL 3A (E)**

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**ADDENDUM #202/27/2020**

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**LOCATION NO. FILE NO. DRAWN BY CHECKED BY DRAWING NO. 1 NO. DATE REVISION**

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**BEFORE STARTING LIGHTING INSTALLATION, REFER TO DRAWING E0.1 FOR LIGHTING CONFIGURATION AND FORECAST LIGHTING FIXTURE SCHEDULE. PROVIDE LIGHTING FIXTURES OF THE SPECIFIED TYPE.**

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**NOTE:**

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**NOTE:**
1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO ARCHITECTURAL DRAWINGS, ELEVATION & DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.
3. ALL RECEPTACLES, TELE/DATA OUTLETS WITH ASSOCIATED WIRING, CONDUIT, RACEWAYS, ETC SHALL BE SURFACE MOUNTED ON EXISTING WALLS AND FLUSH MOUNTED ON NEW WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES.
4. ALL THE RECEPTACLES AND DATA OUTLETS WITHIN THE SCOPE OF WORK AREAS THAT ARE EXISTING TO REMAIN SHALL BE PROVIDED WITH NEW DEVICES. NEW DEVICE COLOR SHALL BE WHITE.
6. ELECTRICAL CONTRACTOR TO RUN ALL NEW SURFACE MOUNTED CONDUITS AND RACEWAYS IN CORNERS OF EACH CLASSROOM TO AVOID CONFLICT WITH DISPLAY BOARDS AND OTHER CLASSROOM FURNISHINGS.

1. CONTRACTOR TO COORDINATE IN FIELD FOR EXACT LOCATION OF RECEPTACLE AND DATA OUTLET SERVING THE INTERACTIVE SMARTBOARD TO AVOID CONFLICT WITH BASE PLATE. REFER TO ARCHITECTURAL DRAWING A5.1 DETAIL #1 AND #2 FOR EXACT LOCATION AND MOUNTING HEIGHT.
2. PROVIDE NEW TAMPER RESISTANT DEDICATED DUPLEX RECEPTACLE FOR LAPTOP CART CHARGING STATION.
3. NEW LOCATION OF RELOCATED PUBLIC ADDRESS SPEAKER. COORDINATE IN FIELD FOR EXACT LOCATION.
4. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK. COORDINATE WITH ARCHITECT FOR EXACT MOUNTING HEIGHT.
5. CONTRACTOR TO FIELD TEST FUNCTIONALITY OF EXISTING TELEPHONE OUTLETS AND REPLACE AS REQUIRED. NEW TO MATCH EXISTING IN KIND MAKE AND TYPE.
6. PROVIDE NEW TAMPER RESISTANT RECEPTACLE WITH COVER PLATE AND RECONNECT TO EXISTING CIRCUIT.
7. PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE AND RECONNECT TO EXISTING PATCH PANEL.
GENERAL SHEET NOTES

1. REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
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#7. PROVIDE NEW CAT 6 CABLE, DATA OUTLETS WITH COVER PLATE AND RECONNECT TO EXISTING PATCH PANEL.
#8. NEW PANELBOARD "F". CONTRACTOR TO UTILIZE, INTERCEPT AND EXTEND ALL ACTIVE FEEDER AND BRANCH CIRCUIT WIRING/CONDUIT OF SAME SIZE VIA NEW JUNCTION BOX OR PULL BOX AND CONNECT IT TO THE NEW PANELBOARD.
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