Addendum No. 03


Location: Gen. Phillip Kearny: 601 Fairmount Avenue Philadelphia, PA 19123

This Addendum dated 24 of February 2022, 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.

Clarifications: None

Questions & Answers:

Q1: Specification section 264313-2.2 specifies a service entrance surge protective device (SPD) for the existing to remain main distribution panelboard “MDP”. Drawing E3.00 does not show a new SPD serving MDP. The floor plans neither identify the location of MDP nor the location of the SPD. Please confirm a new SPD is required for existing MDP.

A1: No new SPD is required at the existing MDP.

Q2: The (2) new panelboards for the project are specified with integral surge protective devices (SPD’s) on drawing E4.01. The panelboard spec 262416 does not specify SPD’s. The SPD details in 264313-2.2 appear to show ratings for a service entrance rated model which is not applicable to the integral panelboard SPD’s which are at panelboard level and typically have lower ratings. Spec section 264313-2.1A(1) doesn’t list any of the panelboard manufacturers as acceptable; the panelboard manufacturers would provide the integral SPD’s. Does specification section 264313 apply to the integral panelboard surge protective devices or does another specification need to be provided?

A2: The panelboard manufacturer shall provide the integral SPD (100KA/per phase).

Q3: Drawing E2.01 detail #2 shows fixture type A in Toilet Room 100T. Please confirm this is a typo and the fixture should be type D.

A3: Light fixture in the Toilet Room 100T shall be type "D".

Q4: Drawing E3.01 detail #1 shows a 3-button wall switch Wattstopper #LMSW-103. Please confirm this is the symbol shown on the floor plans. Please confirm the design intent is to program this LMSW-103 as a dimmer and the 3 buttons should be programmed as toggle on/off (1), dimmer raise (2), and dimmer lower (3).

A4: Confirmed. Refer to Sequence of Operation for additional info.
Q5: For the following zones, should these be digital controls with 1 zone switched room controller? Or should the controls be non-digital per drawing E3.01 detail #4 with momentary low voltage switches, momentary power pack, and non-digital occupancy sensor? Please provide basis of design Wattstopper part numbers for the low voltage switch, occupancy sensor, and power pack/room controller depending on the answer.
   a. Drawing E2.01
      i. Zone "c" Classroom 107
   b. Drawing E2.02
      i. Coats 202C
      ii. Coats 203C

A5: Classroom 107 - Refer to attached E3.01 for added Lighting Control detail 6/E3.01.
    Coats 202C - 4/E3.01 is the applicable detail - Refer to attached E3.01 for updated detail.
    Coats 203C - 4/E3.01 is the applicable detail - Refer to attached E3.01 for updated detail.

Q6: Drawing E2.01 detail #5 shows lighting control in Toilet Room 107T. This room has a line voltage keyed switch. Drawing E3.01 does not show an applicable detail for this control scenario. Please clarify design intent and basis of design Wattstopper number for the occupancy sensor and possible power pack.

A6: Refer to attached updated E3.01 drawing with added applicable detail 5/E3.01.

Q7: Drawing T1.02 classroom 203 states to provide a new Sapling wireless battery powered clock. Spec section 275313 states to provide Primex clocks because the existing master clock is by Primex. Please confirm we should provide clocks by Primex, and please provide full model # of basis of design clock.

A7: The existing master clock is by Sapling. Provide 12” round analog clocks. Verify model # with existing master clock.

Q8: Please clarify what type of structured cabling is required on this project. Spec 271005-2.4 calls for CAT6, but spec section 2.5 calls for CAT6A. Typically, SDP requires CAT6 enhanced cabling, but recently CAT6A has been specified for some SDP projects.

A8: Provide CAT6 Cable.

Q9: Please confirm Leviton Berktek is an approved manufacturer system for structured cabling.

A9: No, not an approved manufacturer.

Q10: Regarding drawing E0.01 note #17 and general note 6 on E1.01 and E1.02, please confirm painting is in the GC scope.

A10: All painting is in the General Contractor scope of work.

Q11: Drawing ED1.01 and ED1.02 keynote 3 state to test existing receptacles and switch for the window AC unit and replace devices if not functional. This is unbiddable. Since we cannot test these devices prior to the bid, we cannot know whether to account for replacing these devices. Please pick a scenario below to resolve this issue:
   a. Scenario #1: Provide an allowance to the EC bid and EC will provide proposal (or ticket work) during construction for removing/replacing devices.
   b. Scenario #2: Eliminate remove/replacing devices that do not pass scope. Any cables that do not pass, SDP can make a decision during construction on whether to replace them or not under additional cost to the contract.

A11: Remove all work related to these devices from the scope.
Q12: E0.01 general electrical note 13 mentions tamperproof screws for devices. The tamperproof screws are expensive and a lead time. Stainless Steel coverplates come with screws already, so this note is telling us to throw those screws out and purchase tamper resistant ones. For surface mounted wiring devices with raised square box covers, not only do the devices have to be attached to the coverplate but there are larger screws which attach the raised cover to the square box; are all the screws in this scenario supposed to be tamper resistant? Additionally, general note 3 on drawings E1.01 and E1.02 leads us to believe tamper resistant screws are not required. Please confirm this tamper resistant screw requirement can be eliminated because it adds unnecessary complication/lead times for a short construction schedule. If tamper resistant screws are still a requirement, please provide details on type of tamper screw (e.g. button hex head, 6-lobe star etc.).

A12: Provide stainless steel tamper-resistant (proof) screws as noted/specified on sheet E0.01. Provide all required cover plate tamper-resistant screws to ensure design-intent prevention against tampering and unauthorized removal of the corresponding wiring device cover plate. Tamper resistant screws shall be as follows: Flat-Torx, or Button-Torx and shall match provided device cover plate and be coordinated by the E.C. with the supplier, e.g. single duplex receptacle outlet cover plate typically will require Flat-Torx tamper-resistant screw, and raised square box duplex or quad receptacle outlet cover plate may require Button-Torx tamper-resistant screw instead.

Q13: Demo plan 5/AD1.01 shows a Note 5 to remove the existing bookcase/counter. New plan 5/A1.01 also indicates by Note 14 that the existing bookcase is to remain. The elevations 18 and 19 show new bookshelf base cabinets, and detail 8/A8.30 details new finished wood cabinets and a solid surface top. Please confirm if these 5 cabinets and the counter are existing to remain or new.

A13: The existing bookcase/counter in room #107 should be demolished as shown on plan 5 on sheet AD1.01 and replaced with a new bookshelf as per plan 5 on sheet A1.01 and elevations 18 and 19 on sheet A6.01. Please delete Keynote 14 pointing to this bookcase/counter on plan 5 on sheet A1.01.

**CHANGES TO SPECIFICATIONS:** None

**CHANGES TO DRAWINGS:**

Kearny: A1.01 Architectural Plans – 1st Floor: Remove keynote 14 in room #107 that points to the new bookcase/counter.

Kearny: E3.01 Details- Electrical: Changes to details

**ATTACHMENTS:**

E3.01 - Drawing dated February 24, 2022:

End of Addendum 03
1. LIGHTING CONTROL DETAIL
   TYPICAL CLASSROOM
   SCALE: 1" = 1'-0"
   WALL SWITCH OCCUPANCY SENSOR
   WALL SWITCH VACANCY SENSOR
   Small Toilet Rooms
   Utility Rooms

2. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.

3. LIGHTING IS MANUALLY CONTROLLED ON/OFF WITH VACANCY SENSOR SWITCH.

4. SEQUENCE OF OPERATION
   1. LIGHTING WILL AUTO ON 100%.
   2. LIGHTING AUTO ON TO 50% WHEN OCCUPANCY DETECTED.
   3. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.
   4. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.

5. LIGHTING CONTROL DETAIL
   CLASSROOM #107
   SCALE: 1" = 1'-0"
   WALL SWITCH OCCUPANCY SENSOR
   WALL SWITCH VACANCY SENSOR
   Utility Rooms
   Single Occupancy Sensor Control Detail

6. DRAWING TITLE
   DRAWING NO.
   ACCEPTABLE EQUAL SUBSTITUTIONS: HUBBELL; LEVITON
   General Contract: 2022-001-G
   Electrical Contract: 2022-001-E
   SDP Contract No.

7. DRAWN BY
   CHECKED BY
   DRAWING SCALE
   NOT TO SCALE

8. AS INDICATED
   DRAWING NO.
   DRAWN BY
   CHECKED BY
   DRAWING TITLE
   DRAWING SCALE
   NOT TO SCALE

9. LIGHTING CONTROL DETAIL
   TYPICAL LIGHTING CONTROL DETAIL
   VACANCY SENSOR

10. WALL SWITCH OCCUPANCY SENSOR
    WALL SWITCH VACANCY SENSOR
    Small Toilet Rooms
    Utility Rooms

11. SEQUENCE OF OPERATION
    1. LIGHTING WILL AUTO ON 100%.
    2. LIGHTING AUTO ON TO 50% WHEN OCCUPANCY DETECTED.
    3. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.
    4. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.

12. LIGHTING CONTROL DETAIL
    CLASSROOM #107
    SCALE: 1" = 1'-0"
    WALL SWITCH OCCUPANCY SENSOR
    WALL SWITCH VACANCY SENSOR
    Utility Rooms
    Single Occupancy Sensor Control Detail

13. DRAWING TITLE
    DRAWING NO.
    ACCEPTABLE EQUAL SUBSTITUTIONS: HUBBELL; LEVITON
    General Contract: 2022-001-G
    Electrical Contract: 2022-001-E
    SDP Contract No.

14. DRAWN BY
    CHECKED BY
    DRAWING SCALE
    NOT TO SCALE

15. LIGHTING CONTROL DETAIL
    TYPICAL LIGHTING CONTROL DETAIL
    VACANCY SENSOR

16. WALL SWITCH OCCUPANCY SENSOR
    WALL SWITCH VACANCY SENSOR
    Small Toilet Rooms
    Utility Rooms

17. SEQUENCE OF OPERATION
    1. LIGHTING WILL AUTO ON 100%.
    2. LIGHTING AUTO ON TO 50% WHEN OCCUPANCY DETECTED.
    3. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.
    4. LIGHTING WILL AUTO OFF AFTER 20 MINUTES OF OCCUPANTS LEAVING.

18. LIGHTING CONTROL DETAIL
    CLASSROOM #107
    SCALE: 1" = 1'-0"
    WALL SWITCH OCCUPANCY SENSOR
    WALL SWITCH VACANCY SENSOR
    Utility Rooms
    Single Occupancy Sensor Control Detail

19. DRAWING TITLE
    DRAWING NO.
    ACCEPTABLE EQUAL SUBSTITUTIONS: HUBBELL; LEVITON
    General Contract: 2022-001-G
    Electrical Contract: 2022-001-E
    SDP Contract No.

20. DRAWN BY
    CHECKED BY
    DRAWING SCALE
    NOT TO SCALE