

Addendum 1

Date: 10/14/22

Addendum 1 Items:

The bid date has been extended to be at 2:00 pm, local time, Friday November 4th.

Attachment 02 - Pre-bid agenda and Pre-bid sign-in for reference only. Note that an addendum item below has reduced the requirements for the contractor qualifications for the FOP.

Attachment 03 - Included as a separate attachment for information only, MWBE Contractor list as provided by the 7PM Group.

Attachment 04 - Included as a separate attachment is the Asbestos Abatement Memo.

Attachments 05a and 05b – Included as separate attachments are the original existing drawings for reference only.

Contractor Questions:

Question 1: Regarding item 19 on K101, s/s chases and s/s wall caps.....are we just providing s/s vertical chase from top of low wall by others to underside of hood, horizontal wall cap and s/s panels at front/rear of low wall by others ? Or is low wall an actual s/s horizontal utility chase?

Response: The wall is a CMU wall per the architectural drawings indicated on A103A. The SS wall paneling is to be provided over the CMU wall from floor to top of wall. The wall cap and chase is to be in the custom fab scope of work. The chase will extend from the top of the wall to the bottom of the hood or the ceiling depending on the exact location of the chase. Also refer to 6/K603.

Question 2: What is the construction budget for the project?

Response: The construction budget for the project is \$63,642,277.58.

Question 3: Please provide specification section 074213.23-Metal Composite Material Wall Panels.

Response: Refer to Specification Section 074213.16 "Metal Plate Wall Panels", Part 2.2, C, 1: this allows either solid aluminum panels with the rainscreen system, OR aluminum-faced composite panels, so long as either meet all the requirements as outlined in the specification.

Question 4: Reference sheet A104b and east elevation – Seems that storefront between column lines 201 & 225 has been tagged in duplicate to those on south elevations. Also, this

east elevation between column lines 201 & 205 does not appear on exterior aluminum storefront elevation sheets.

Response: Refer to Sheet A723 for the added elevation for the East side aluminum storefront at Level 4. Refer to Sheet A104b for the revised elevation tag.

Question 5: There does not seem to be a panel thickness specified, and there is no NRC rating specified, please advise.

Response: Refer to specification addendum items below for thickness and NRC requirements. The locations of the panels are shown on A918.

Question 6: Is the fire alarm system required to be Notifier with the capability of communicating with the Onyxwerks system at the Fayette County Board of Education Office? If that is correct, no fire alarm system other than Notifier has the capability of communicating to the Onyxwerks.

Response: Notifier is the only acceptable manufacturer, per FCPS satisfaction of the KRS 45A.380, via Determination D156-22, for requirements for a single source / established standards.

Question 7: In Part 2.2 C on page 074213.16-5, the spec gives the option for either .125 metal plate or 4mm (.157-inch) aluminum composite material for the panels. I would like to confirm both material options acceptable for the panels on this project?

Response: Yes, both solid metal plate and aluminum composite material will be acceptable, so long as the aluminum composite panel has a fire core and meets the requirements of NFPA 285.

Question 8: The two elevators that are in the front of the building that are to be removed, will this work be completed by the demo subcontractor or by the elevator subcontractor?

Response: The drawings and specifications do not specify which subcontractor performs which scope, all work and scope needs to be coordinated between the subcontractors and general contractor.

Question 9:

- a. Section 101100 – Visual Display Units: Please confirm that these are all to be supplied/installed by the owner as noted on the furniture schedules (notes 5-9) on the A900 sheets.
- b. Section 101200 – Display Cases: Please confirm that the (3) Display Cases in Studio Showcase 104 are the only ones on the project.
- c. Section 102116.19 – Plastic Shower and Dressing Compartments: Please confirm that only the two dressing compartments in Changing 404D are required on the project.
- d. Section 102800 – Toilet Accessories : I would like to quote American Specialties, Inc. (ASI) for this section. Is ASI acceptable.
- e. Section 105113 – Metal Lockers: What is the base that the lockers are to set on? The specs reference Z-base but I did not see a detail for the lockers.
- f. Section 105113 – Metal Lockers: Please confirm that the locks are by owner.

Response: a. No, all marker board and tack boards indicated are to be contractor-furnished, contractor-installed, see item below for A900 sheets.
b. Correct, the (3) Display cases in the Student Showcase Area 104 are the only ones on the project.
c. Correct.
d. TBD per next addendum.
e. Refer to B2/A570a for the standard locker base detail. Per the specifications, the Zee base is only to be provided at the Six Tier lockers, which are located in Changing 404D
f. Correct, locks are by owner.

Question 10: Would you allow ABH Manufacturing as a substitution to Hagar for door hardware?

Response: Hagar is the only acceptable manufacturer, per FCPS satisfaction of the KRS 45A.380, via Determination D156-22, for requirements for a single source / established standards.

Question 11: Does the equipment shown in room 420B require power connections?

Response: No. This is shown in this area for confirming the room has the physical area needed for proper storage.

Question 12: On Sheet E201b, equipment tagged with Sheet Keynote #13, Hot Tank Parts Washer, the circuit is identified using #4 conductors at the tick marks and also tagged with Keynote #14 which differs. Which circuit identifier is correct?

Response: #4 conductors is correct. The Keynote #14 will be removed from this circuit.

Question 13: What are the fixture types in Rooms 100F and 415?

Response: Room 100F – Type E; Room 415 – Type J

Question 14: What is the value to use for Selective Coordination for the Distribution Equipment?

Response: The value will be 0.1

Site Addenda Items (L):

Drawings:

No addendum items at this time.

Structural Addenda Items (S):

No addendum items at this time.

Architectural Addenda Items (A):

Drawings:

Item A1:

Refer to sheet 104b: See revisions for aluminum storefront tags on East side of building, changing this tag from AE2 to AE6.

Item A2:

Refer to sheet A723: See AE6 for added aluminum storefront elevation referencing the Level 3 storefront on the East side of the building as referenced with the updated tag on A104b.

Item A3:

Refer to sheet A203a:

Add APC-1 in Storage 312B, 9'-0" AFF.

Add (1) RS-1, 2'-8" wide by 4'-0" high between 312 and 312B.

Refer to sheet A203b:

Add (1) RS-1, 4'-0" wide by 4'-0" high between 312 and 311.

Add (1) RS-1, 4'-0" wide by 4'-0" high between 311 and 310.

Add (1) RS-1, 4'-0" wide by 4'-0" high between 310 and 310B.

Add (1) RS-2, 4'-0" wide by 4'-0" high between 310 and 310A.

Add (1) RS-2, 4'-0" wide by 4'-0" high between 310A and 310B

Item A4:

Refer to all A900 Sheets: Refer to Furniture Schedule, for any reference to 4' TB, 4' MB, 8' TB, 8' MB and 6' TB, replace installed by to be CFCI.

Item A5:

Refer to all A900 Sheets: Refer to drawings and Specialty Equipment Schedule: Delete G12 – Pencil Sharpener Mounting Block, the wood blocks are to be deleted entirely from the project and are not to be part of the scope.

Specifications:

Item A6:

Refer to specification Section 002213 "Supplementary Instructions to Bidders", Article 6 Post Bid Information.

6.3.5.1 shall be changed to read as follows "Project experience as a General Contractor or as a General Trades Contractor with a minimum of 3 projects with a construction cost of \$15,000,000.00 completed or in progress over the last 3-5 years. If project is not completed, then list completion date."

Add 6.3.5.2.1 – Projects listed shall include the name of the Owner and the Architect for references.

Item A7:

Refer to specification Section 004613 "FCPS Bid Document Submittal Schedule Checklist", Revise #9 to read: Completed FCPS Direct Purchase Order Detail Sheets.

Item A8:

Refer to specification Section 072726 “Fluid-Applied Air Barriers”, 3.4, B. 1. Revise to read:

1. Vapor-Retarding, Medium-Build Air Barrier: Total dry film thickness as recommended in writing by manufacturer to comply with performance requirements, applied in one or more equal coats. Apply additional material as needed to achieve void- and pinhole-free surface.

Item A9:

Refer to specification Section 074116 “Insulated Metal Roof Panels”: Remove 1.1, B. Related Requirements and related Specification Section B.1.

Item A10:

Refer to specification Section 074213.13 “Formed Metal Wall Panels”: Remove 1.1, B. Related Requirements and related Specification Sections B.1., B.2., B.3., B.4.

Item A11:

Refer to specification Section 098436 “Sound-Absorbing Ceiling Units”: Kinetics Noise Control 2” thick baffle is an acceptable product.

Item A12:

Refer to specification Section 098433 “Sound-Absorbing Wall Units”: Part 2.3, add C. Size: 4’-0” by 4’-0” by 2 inches thick. Add D. NRC to be 1.05.

Item A13:

Refer to specification Section 079513.13 “Interior Expansion Joint Cover Assemblies” and 079513.16 “Exterior Expansion Joint Cover Assemblies”. Erie Metal Specialties shall be listed as an approved manufacturer.

Item A14:

Refer to specification Section 096566 “Resilient Athletic Flooring”: 2.2, A., add: 4. Action Floor Systems Inc. shall be an approved manufacturer for their V-Sport 710 product.

Item A15:

Refer to specification Section 074213.13 “Formed Metal Wall Panels”: 2.2.B.1, add: i. Dimensional Metals Inc. shall be an approved manufacturer. See 2.3, B.1: add: m. Dimensional Metals Inc. shall be an approved manufacturer.

Item A16:

Refer to specification Section 071326 “Self-Adhering Sheet Waterproofing”: 2.2.A.1., add: c. The Henry Company, d. W.R. Meadows, shall be listed as approved manufacturers.

Item A17:

Refer to specification Section 072726 “Fluid-Applied Membrane Air Barriers”: 2.2.A.1, add: d. W.R. Meadows, e. The Henry Company, f. Tremco, shall be listed as approved manufacturers.

Item A18:

Refer to specification Section 074213.16 “Metal Plate Wall Panels”: 2.2.A.1, add: l. Division 7 Mtls., add J. Shaffner Heaney Associates, shall be listed as approved manufacturers for both metal plate and aluminum composite panels.

Item A19:

Refer to specification Section 064023 "Interior Architectural Woodwork": 2.3: Revise to read "INTERIOR STANDING AND RUNNING TRIM FOR TRANSPARENT FINISH (BACKER SUBSTRATE FOR COAT HOOKS IN DIGITAL DESIGN AND GAMING). Pencil sharpener mounting blocks are to be removed from the scope.

Food Service Addenda Items (K):

No addendum items at this time.

Fire Protection Addenda Items (FP):

No addendum items at this time.

Plumbing Addenda Items (P):

No addendum items at this time.

Mechanical Addenda Items (M):

No addendum items at this time.

Electrical Addenda Items (E):

General:

Item E1:

Applies to all Electrical Drawings and Specifications as described:



1. This Addendum document and associated Drawings, Sketches, Specifications, and associated attachments are complementary of each other, and all items shown are all-inclusive whether shown only on one source of documentation or multiple.
2. Matchlines on drawings are for location reference only. All work shown, regardless of position related to matchlines, is new work included in the project.
3. Select electrical drawing were mislabeled as 'Permit Set. These have been correctly identified as 'Bid Documents' in this addenda.


Drawings:

Item E2:

Refer to sheet E001:

4. Update the following symbols and descriptions on the Electrical Legend.

	DATA OUTLET FOR WIRELESS ACCESS POINT. 4-11/16 INCHES OUTLET BOX WITH TWO 1-1/4 INCH CONDUITS TO ABOVE ACCESSIBLE CEILING, WITH TWO RJ45 DATA JACKS AND TWO UTP CABLES IN CONDUIT STUB-UP OR CABLE TRAY TO THE NEAREST MDF OR IDF. (WALL & CEILING)
	VOICE/DATA OUTLET. 4-11/16 INCHES OUTLET BOX WITH TWO 1-1/4 INCH CONDUITS TO ABOVE ACCESSIBLE CEILING, WITH # VOICE AND # OF DATA JACKS AND # UTP CABLES CONDUIT STUB-UP OR CABLE TRAY TO THE NEAREST MDF OR IDF (#D - INDICATES THE NUMBER OF DATA JACKS AND CABLES), C - INSTALL 4 INCHES ABOVE COUNTER OR BACKSPLASH, CG - CEILING MOUNTED

	<p>MULTIMEDIA OUTLET. 4-11/16 INCHES OUTLET BOX WITH TWO 1-1/4 INCH CONDUITS TO ABOVE ACCESSIBLE CEILING WITH PORTS TO MATCH CABLING. (WALL & CEILING) a=AT TEACHER'S STATION, 20" AFF; b= AT MOBILE MEDIA DISPLAY, 20" AFF, WITH (1) HDMI AND (1) 3.5MM AUDIO CABLE EXTENDED TO MULTIMEDIA OUTLET AT TEACHER STATION; c=AT MOUNTED DISPLAY, HEIGHT AS COORDINATED WITH REVIEWED SHOP DRAWINGS FOR MEDIA DISPLAYS, WITH (1) HDMI AND (1) 3.5MM AUDIO CABLE EXTENDED TO MULTIMEDIA OUTLET AT TEACHER STATION, AND (1) DATA PORT AND UTP CABLE EXTENDED TO THE NEAREST MDF OR IDF.</p>
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Item E3:

Refer to Drawing E002:

1. Under the heading Surface Raceway
 - a. Include the following note: "SURFACE RACEWAYS SHALL NOT BE UTILIZED WHERE WALLS ARE NEW, FURRED OUT, OR OTHERWISE CAPABLE OF HAVING RACEWAYS CONCEALED WITHIN THEM. RACEWAYS SHALL BE CONCEALED WITHIN WALLS WHERE POSSIBLE."
2. Under the heading Systems
 - a. Move the note discussing EPO switches to the Power heading.
 - b. Include the following note: "CABLE TRAY DRAWINGS AND DETAILS ARE TO CONVEY INTENDED ROUTING THROUGH THE BUILDING. CONTRACTOR SHALL INCLUDE AND SUPPLEMENT CABLE TRAY FITTINGS AS REQUIRED TO ACCOMMODATE FIELD CONDITIONS AND/OR OBSTACLES PROHIBITING DIRECT ROUTING AS SHOWN."
3. Under the heading Public Address System / Paging
 - a. Include the following note: "DATA DROPS LISTED ABOVE SHALL BE EVENLY DISTRIBUTED/SPACED THROUGHOUT THE AREAS SERVED."
4. As the building is vacant and shall be completely demolished electrically by the contractor, delete the heading Interruptions of Service and associated notes under the heading.

Item E4:

Refer to Drawings E101a through E104b:

1. Provide lighting fixture additions/modifications as indicated and clouded on the attached Drawings.
2. Clarification: Select lighting fixtures (Types X1, X2, XV, and XW) printed incorrectly in light line weight; change the fixtures to heavy line weight. All lighting fixtures shown are to be New and included in this project.

Item E5:

Refer to Drawings E201a through E205a:

1. Provide power device and circuiting additions/modifications as indicated and clouded on the attached Drawings.

Item E6:

Refer to Drawings E201a and E401a / E401a Detail 2:

1. Swap locations of Distribution Panelboard MECHDP1A and adjacent Panel M1AH to provide proper clearance required by Distribution Panelboard MECHDP1A.

Item E7:

Refer to Drawing E201a:

1. The Welding Lab 107 and associated rooms have significant modifications. Provide power device and circuiting additions/modifications as indicated and clouded on the attached Drawings
2. Remove the Keynote #14 from circuit A.LAB.L-46, serving the Hot Tank Parts Washer identified via Keynote #13. The #4 conductor identifier at the circuit tick marks is the correct conductor size.
3. Change Sheet Keynote #17 to read: "EXHAUST FAN TO OPERATE WITH LIGHTING IN THIS ROOM."
4. Add Sheet Keynote # 24 to read: "REFER TO PANEL SCHEDULES FOR CIRCUIT ORIGIN AND NUMBER."

Item E8:

Refer to Drawing E201b:

1. Change Sheet Keynote #22 to read: "PROVIDE CONTACTOR RC1. 30 AMP, 4P, MECHANICALLY HELD CONTACTOR IN A NEMA 1 ENCLOSURE."
2. Add Sheet Keynote # 30 to read: "EXTEND CIRCUIT THROUGH DEDICATED LIGHTING POWER PACK FOR CONTROL."
3. Add Sheet Keynote # 30 to read: "EXTEND CIRCUIT TO ASSOCIATED AC UNIT ON ROOF. COORDINATE EXACT UNIT WITH MECHANICAL DRAWING."

Item E9:

Refer to Drawing E202a:

1. Add Sheet Keynote # 13 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."
2. Add Sheet Keynote # 14 to read: "MOUNT DEVICES WITHIN CASEWORK. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DETAILS."

Item E10:

Refer to Drawing E202b:

1. Add Sheet Keynote # 23 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."

Item E11:

Refer to Drawing E203a:

1. Add Sheet Keynote # 14 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."
2. Add Sheet Keynote # 15 to read: "PROVIDE 480V, 60A, 3P, NON-FUSED SAFETY SWITCH IN A NEMA 1 ENCLOSURE."

Item E12:.

Refer to Drawing E203b:

1. Add Sheet Keynote # 14 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."

Item E13:.

Refer to Drawing E204a:

1. Add Sheet Keynote # 22 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."

Item E14:.

Refer to Drawing E204b:

1. Add Sheet Keynote # 13 to read: "PROVIDE EMERGENCY POWER OFF (EPO) SWITCH AT TEACHER'S DESK. EPO SWITCH SHALL BE INTEGRATED WITH ADDITIONAL EPO'S IN RELATED, ADJACENT LAB. REFER TO EPO SWITCH DETAIL FOR MORE INFORMATION."

Item E15:.

Refer to Drawing E301a through 304b:

1. Added elevator call boxes to elevator lobbies and at the Reception 100."

Item E16:.

Refer to Drawing E301a

1. Provide additional fire alarm devices and modifications as indicated and clouded on the attached drawings.
2. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Floor boxes with power and data to be installed under table in 'CONF. ROOM – 100A'.
 - b. Fire rated plywood on walls of MDF 102.
3. Change Sheet Keynote #3 to read: "COMMUNICATION RACEWAY. REFER TO DETAIL."
4. Identified Communication raceways above VR Room 105A.
5. Added Secure Entry equipment at/adjacent to Reception 100. Equipment and connections identified with Sheet Keynotes #6, #7, and #8 as indicated/clouded.
6. Add Sheet Keynote #6 to read: "PROVIDE SECURE ENTRY SYSTEM MASTER STATION WITH TWO-WAY COMMUNICATION AND THREE(3) DOOR RELEASE BUTTONS. CONNECT TO DOOR POWER SUPPLIES AS REQUIRED TO PROVIDE REMOTE RELEASE OF EXTERIOR AND INTERIOR DOORS AS SHOWN. REFER TO SECURE DOOR ENTRY AND DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
7. Add Sheet Keynote #7 to read: "PROVIDE CONDUIT AND CONNECTION BETWEEN REMOTE DOOR RELEASE PUSH BUTTON AND DOOR POWER SUPPLY. PROVIDE CABLING PER MANUFACTURERS INSTRUCTIONS."

8. Add Sheet Keynote #8 to read: "PROVIDE SECURE ENTRY SYSTEM WEATHERPROOF AND VANDAL RESISTANT CALL BUTTON. REFER TO SECURE DOOR ENTRY AND DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL INFORMATION."
9. Add Sheet Keynote #9 to read: "PROVIDE A MASTER CALL CENTER WITH PHONE DIALER, HANDSET, AUDIBLE AND VISUAL NOTIFIERS, ALPHA REFUGE OR EQUAL. MASTER CALL CENTER SHALL BE INSTALLED IN A RECESSED MOUNT WITH LOCKABLE COVER. MASTER CALL CENTER CABINET SHALL BE COMPATIBLE WITH FIREMAN'S LOCK. COORDINATE FINAL LOCATION WITH THE LOCAL FIRE DEPARTMENT. PROVIDE CAT6A CABLING FOR VOICE CONNECTIONS FROM THE MDF/IDF."
10. Add Sheet Keynote #10 to read: "PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS."
11. Add Sheet Keynote #11 to read: "PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION."

Item E17:

Refer to Drawing E301b

1. Provide additional fire alarm devices and modifications as indicated and clouded on the attached drawings.
2. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Fire rated plywood on walls of IDF 121B (IDF1B).
3. Added Secure Entry equipment at/adjacent to Reception 111. Equipment and connections identified with Sheet Keynotes #5, #6, and #7 as indicated/clouded.
4. Add Sheet Keynote #5 to read: "PROVIDE SECURE ENTRY SYSTEM MASTER STATION WITH TWO-WAY COMMUNICATION AND THREE(3) DOOR RELEASE BUTTONS. CONNECT TO DOOR POWER SUPPLIES AS REQUIRED TO PROVIDE REMOTE RELEASE OF EXTERIOR AND INTERIOR DOORS AS SHOWN. REFER TO SECURE DOOR ENTRY AND DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS."
5. Add Sheet Keynote #6 to read: "PROVIDE CONDUIT AND CONNECTION BETWEEN REMOTE DOOR RELEASE PUSH BUTTON AND DOOR POWER SUPPLY. PROVIDE CABLING PER MANUFACTURERS INSTRUCTIONS."
6. Add Sheet Keynote #7 to read: "PROVIDE SECURE ENTRY SYSTEM WEATHERPROOF AND VANDAL RESISTANT CALL BUTTON. REFER TO SECURE DOOR ENTRY AND DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL INFORMATION."
7. Add Sheet Keynote #8 to read: "PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE

POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION."

8. Add Sheet Keynote #9 to read: "PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS."

Item E18:

Refer to Drawing E302a:

1. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Combination Poke-Through outlets with power and data to be installed under table in 'CONF. ROOM – 200E'.
 - b. Fire rated plywood on walls of IDF 204 (IDF2A).
2. Add Sheet Keynote #2 to read: "PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION."
3. Add Sheet Keynote #3 to read: "PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS."

Item E19:

Refer to Drawing E302b:

4. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Fire rated plywood on walls of IDF 209 (IDF2B).
5. Change Sheet Keynote #1 to read: "PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH

LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION.”

6. Change Sheet Keynote #2 to read: “PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS.”

Item E20:

Refer to Drawing E303a:

7. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Combination Poke-Through outlets with power and data to be installed under table in ‘CONF. ROOM – 300B’.
 - b. Fire rated plywood on walls of IDF 319 (IDF3A).
8. Change Sheet Keynote # 1 to read: “PROVIDE 4"X4"X4" JUNCTION BOX FOR ROUTING OF CATEGORY CABLING THROUGH FURNITURE.”
9. Change Sheet Keynote # 4 to read: “ROUTE CATEGORY CABLING THROUGH FLOOR BOX, THIS ROOM. COORDINATE MOUNTING AND ROUTING REQUIREMENTS WITH CASEWORK.”
10. Add Sheet Keynote #7 to read: “PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION.”
11. Add Sheet Keynote #8 to read: “PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS.”

Item E21:

Refer to Drawing E303b:

1. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Fire rated plywood on walls of IDF 304 (IDF3B).
 - b. Fire rated plywood on walls of Mock Wiring Closet 213A 304 (IDF3C).
2. Add Sheet Keynote # 10 to read: “PROVIDE LOCKABLE VENTILATED ENCLOSURE FOR SECURITY.”
3. Add Sheet Keynote #11 to read: “PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S

REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION.”

4. Add Sheet Keynote #12 to read: “PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS.”

Item E22:

Refer to Drawing E304a:

1. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Combination Poke-Through outlets with power and data to be installed under table in ‘CONF. ROOM – 400C’.
 - b. Fire rated plywood on walls of IDF 425 (IDF4A).
2. Add Sheet Keynote #5 to read: “PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION.”
3. Add Sheet Keynote #6 to read: “PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS.”

Item E23:

Refer to Drawing E304b:

4. CLARIFICATION: Select Items printed in excessive heavy line weights and were unreadable. These have been corrected and clouded on the Drawings, and includes:
 - a. Fire rated plywood on walls of IDF 409 (IDF4B).
5. Change Sheet Keynote #1 to read: “PROVIDE A TWO-WAY COMMUNICATION CALL BOX, ALPHA REFUGE OR EQUAL. CALL BOX SHALL INCLUDE VISUAL CALL NOTIFICATION, INTEGRAL BATTERY BACKUP, AND A RECESSED BOX WITH STAINLESS STEEL COVER. PROVIDE WIRING BETWEEN CALL BOXES, TO THE POWER SUPPLY, AND TO THE MASTER CALL STATION PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. ADJACENT TO CALL BUTTON, PROVIDE INSTRUCTIONS AND LOCATION SIGNAGES WITH BLACK LETTERING AS WELL AS BRAILLE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH LOCAL FIRE DEPARTMENT, OWNER/ENGINEER, AND ALL TRADES PRIOR TO INSTALLATION.”

6. Change Sheet Keynote #2 to read: "PROVIDE SYSTEM WITH A TIMED AUTOMATIC CAPABILITY TO A MONITORING LOCATION OR TO DIAL OUT TO 9-1-1 AS WELL AS FOUR ADDITIONAL REMOTE PHONE NUMBERS. SYSTEM SHALL BE PROVIDED WITH VOIP CAPABILITY OPTIONS. ALL LOW-VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. INSTALL PER ALL RELATED CODES AND STANDARDS."
7. Add Sheet Keynote #3 to read: "PROVIDE 6"X6"X4" JUNCTION BOX WITH 2" CONDUIT FROM MOCK AMBULANCE LOCATION (20" TO TOP OF BOX) TO WALL MOUNTED MONITOR (60" TO TOP OF BOX). FIELD COORDINATE EXACT LOCATION OF EACH BOX."

Item E24:

Refer to Drawings E401a and E404ab:

1. CLARIFICATION: Concrete housekeeping pads for electrical equipment only occur at Switchgear, surface mounted Distribution Panelboards, and floor mounted Transformers.

Item E25:

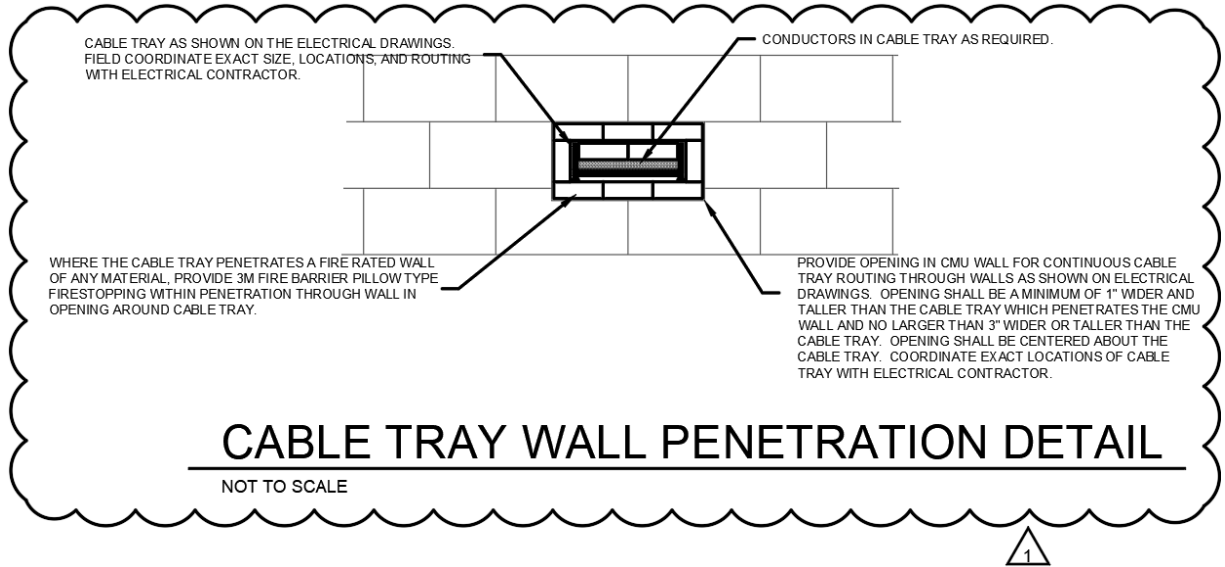
Refer to Drawing E409:

1. Add 20 amp, 120 volt circuit originating from Panel ES1AL-27 to serve the Building Automation System (BAS) Control Panel on the South wall of Room 123 near Column Line 126. Provide 20 amp single pole snap switch to serve as disconnect switch at the BAS control panel.
2. Add circuits and disconnect switches for electric heaters EH105A and EH 105B.

Item E26:

Refer to Drawing E501:

1. Under the Typical Communication Closet Construction Detail, update the following Detail Notes:
 - a. Change note #2 to read: "INSTALL CABLE RUNWAY AROUND THE PERIMETER WALLS. MOUNT ABOVE TOP OF DOOR FRAME. REFER TO DRAWINGS E305 THROUGH E311 FOR ADDITIONAL DETAIL."
 - b. Change note #7 to read: "INSTALL BONDING CONDUCTOR TO TELEPHONE AND DATA SERVICE ENTRANCE. COORDINATE REQUIREMENTS WITH THE UTILITY COMPANY. REFER TO THE FLOOR PLANS FOR SERVICE ENTRANCE LOCATIONS."
 - c. Change note #8 to read: "INSTALL EMT CONDUIT SLEEVES WITH INSULATED GROUNDING BUSHINGS ON THE CLOSET SIDE AND NON-GROUNDING INSULATED BUSHINGS ON THE OPPOSITE SIDE. INSTALL SLEEVES BETWEEN THE COMMUNICATIONS CLOSET AND CABLE TRAY. REFER TO THE FLOOR PLANS FOR CABLE TRAY LOCATIONS. INSTALL QUANTITY OF CONDUITS AS REQUIRED TO MAINTAIN A 40% FILL RATIO. REFER TO DRAWINGS E305 THROUGH E311 FOR ADDITIONAL DETAIL."
2. Update the Cable Tray Wall Penetration Detail as follows:



Item E27:

Refer to Drawing E505:

3. Add a General Notes to the sheet to read:
 - a. Note #1: "REFER TO SHEETS E002 FOR ADDITIONAL GENERAL NOTES."
 - b. Note #2: "PROVIDE POWER CONNECTION TO NEAREST EMERGENCY LIFE SAFETY 120/208V PANEL AS REQUIRED FOR EACH DOOR INDICATED REQUIRING 120VAC CONNECTION. PROVIDE SNAP SWITCH AT POWER SUPPLIES FOR LOCAL DISCONNECT MEANS. DOOR CIRCUITS MAY BE COMBINED FOR A MAXIMUM OF 10 AMPS. PROVIDE FIRE ALARM CONNECTIONS AS REQUIRED."
4. Under Electrical Service Notes
 - a. Change note #1 to read: "120VAC, 60HZ, 1A CONNECTION REQUIRED."
 - b. Change note #2 to read: "120VAC, 60HZ, 5A CONNECTION REQUIRED."
 - c. Change note #3 to read: "PROVIDE POWER, FIRE ALARM, AND CONTROL WIRING AS REQUIRED. COORDINATE EXACT REQUIREMENTS IN FIELD."
5. On the Camera Schedule
 - o Change the description of camera type 'c' to read: "EXTERIOR WALL OR POLE MOUNT CAMERA. REFER TO DRAWINGS FOR MOUNTING."
 - o Change the description of camera type 'f' to read: "INTERIOR/EXTERIOR WALL OR POLE MOUNT CAMERA. REFER TO DRAWINGS FOR MOUNTING."

Item E28:

Refer to Drawings E601 through E607: Electrical One-Line Diagram, and Drawings E608-E620 Electrical Panel Schedules:

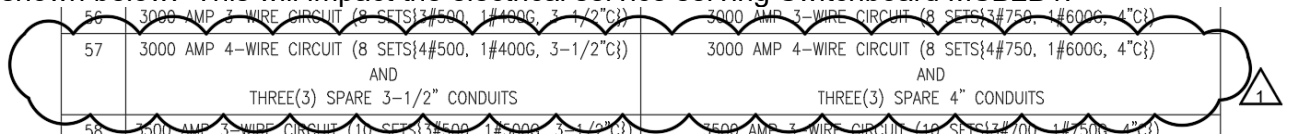
1. Update the following minimum AIC ratings as indicated below.
 - a. Switchboard/I-Line Combination Unit K = 35,000 AIC.
 - b. Distribution Panelboard A.LAB.DP = 35,000 AIC.
 - c. Distribution Panelboard ELSDP1A = 28,000 AIC.
 - d. Distribution Panelboard ESDP1A = 28,000 AIC.
 - e. Distribution Panelboard E.LAB.DP = 42,000 AIC.
 - f. Distribution Panelboard KMDP = 35,000 AIC.
 - g. Distribution Panelboard KRDP = 35,000 AIC.

- h. Distribution Panelboard LTGDP1A = 28,000 AIC.
 - i. Distribution Panelboard LTGDP1B = 35,000 AIC.
 - j. Distribution Panelboard MECHDP1A = 35,000 AIC.
 - k. Distribution Panelboard MECHDP1C = 35,000 AIC.
 - l. Distribution Panelboard MECHDPPA = 28,000 AIC.
 - m. Distribution Panelboard MECHDPPB = 35,000 AIC.
 - n. Distribution Panelboard RECDP1A = 28,000 AIC.
 - o. Distribution Panelboard RECDP1B = 42,000 AIC.
 - p. Distribution Panelboard RECDP2A = 28,000 AIC.
 - q. Distribution Panelboard RECDP2B = 42,000 AIC.
 - r. Distribution Panelboard RECDP3A = 28,000 AIC.
 - s. Distribution Panelboard RECDP3B = 42,000 AIC.
 - t. Distribution Panelboard RECDP4A = 28,000 AIC.
 - u. Distribution Panelboard RECDP4B = 35,000 AIC.
 - v. Distribution Panelboard W.LAB.DP1 = 35,000 AIC.
 - w. Panel C.LAB.H = 14,000 AIC
 - x. Panel M1BH = 35,000 AIC.
 - y. Panel M2BH = 42,000 AIC.
 - z. Panel M3BH = 46,000 AIC.
2. Update the amperage ratings as indicated below.
 - a. Distribution Panelboard RECDP1B = 300 Amps.
 - b. Distribution Panelboard KMDP = 800 amps.
 3. A significant number of branch circuit breakers in 120/208 volt branch panels were changed to ground-fault circuit interrupting type. Refer to clouded panel schedules.

Item E29:

Refer to Drawing E600:

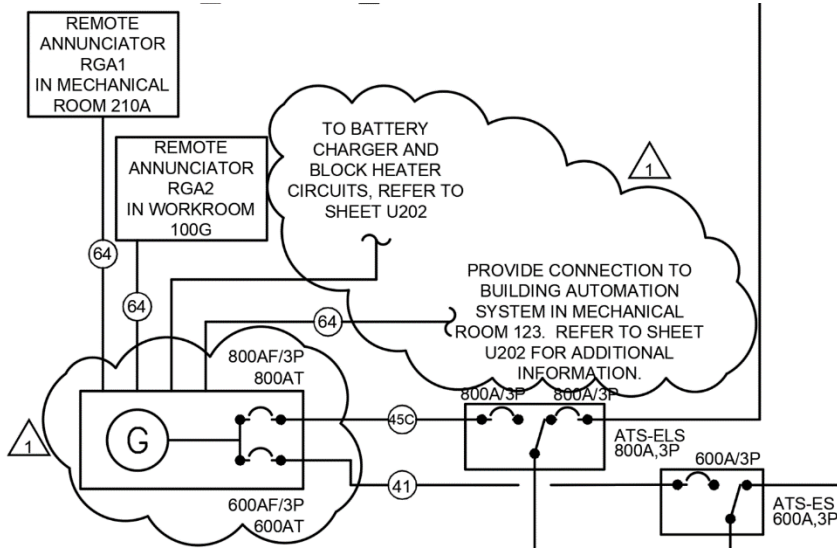
1. Add three(3) spare conduits to the Electrical One-Line Diagram Feeder Schedule # 57 as shown below. This will impact the electrical service serving Switchboard MSB2B1.



Item E30:

Refer to Drawing E601:

1. Clarification: The emergency generator with dual output circuit breakers printed incorrectly in light line weight; change the emergency generator with dual output circuit breakers to heavy line weight. The emergency generator with dual output circuit breakers is to be New and included in this project.
2. Change notes referring to connections to the Generator as follows:



Item E31:

Refer to Drawing E607:

1. Change #8 AWG conductor to ground rod to #6 AWG conductor.

Item E32:

Refer to Drawings E611:

1. Replace the Distribution Panelboard schedule KRDP with the one below.

DISTRIBUTION PANELBOARD KRDP										
NORMAL POWER										
DISTRIBUTION PANELBOARD										
VOLTAGE		PHASE/WIRE		MAIN AMPS		MAIN TYPE		A.I. RATING		
120/208		3 / 4		1200		MLO		35000		
CKT NO.	AMP FRAME	AMP TRIP	NO. POLES	LOAD SERVED			KVA	NOTES		
1	400	250	3	PANEL KR1			45.9			
2	400	250	3	PANEL KR2			40.1			
3	400	250	3	PANEL KR3			42.8			
4	400	250	3	SPARE			30.0			
5	400	225 S	3	PANEL KH1			39.1			
6	400	225 S	3	PANEL KH2			39.1			
7	400	225 S	3	PANEL KH3			38.9			
8	400	225 S	3	PANEL KH4			43.6			
9	400	225 S	3	PANEL KH5			38.8			
10	100	70 G	3	(#56) DISHMACHINE			10.0			
11	100	70 G	3	(#131) DISHMACHINE			10.0			
12	100	100 S	3	SPARE			10.0			
13	100	100 S	3	SPARE			19.3			
14	60	60 S	3	SPARE			19.3			
15	60	60 S	3	SPARE			5.0			
16	30	30 S	3	SPARE			5.0			
17	30	30 S	3	SPARE			0.0			
						TOTAL:	436.8	KVA		
NOTE S:				ABBREVIATIONS:						
1. ALL BRANCH CIRCUIT BREAKERS SHALL BE PROVIDED WITH LOCK-OUT DEVICE CAPABLE OF ACCEPTING A PADLOCK.				G - GFCI BREAKER						
2. DISTRIBUTION PANELBOARD TO HAVE A TOTAL OF 108" OF BRANCH CIRCUIT BREAKER SPACE WITH FULL BUSSING.				A - AFCI						
				L - LOCKOUT BREAKER						
				S - SHUNT TRIP BREAKER						
				C - COMBINATION GFCI/AFCI BREAKER						
				E - ELECTRONIC ADJUSTABLE TRIP BREAKER						
				MCB - MAIN CIRCUIT BREAKER						
				MLO - MAIN LUG ONLY						

Item E33:

Refer to Drawings U202:

1. Change Sheet Keynote #4 to read: "PROVIDE 6#8, #10G IN A 1-1/4" CONDUIT TO PANEL 'ES1BL' CIRCUITS AT POLES 2, 4, AND 6 FOR GENERATOR BATTERY CHARGER, HEATER, AND RECEPTACLE."

Specifications:

Item E34:

Refer to Specifications Section 27 11 00: Communications Equipment Room

1. Add Item 271100.2.1.A.4 to read: "All cabling, as individual cables or bundle of cables, extending to or from a data frames from cable trays, wall mounted equipment, or other data frames that are within the same MDF/IDF, shall be protected via corrugated loom slit tubing. Provide unique colors for each type of cable. Color selection for each type to be made during shop drawing review."

Item E35:

Refer to Specifications Section 28 13 00: Secure Entry System

1. Change Item 281300.2.1.A.1 to read: "Ai-phone IX Series video intercom / door control system."

Attachments:

Item E36:

1. The following full size PDF drawings are attached for inclusion in this Addenda.
 - a. E001 - ELECTRICAL LEGEND
 - b. E002 - ELECTRICAL GENERAL NOTES
 - c. E101a - FIRST FLOOR PLAN A - LIGHTING
 - d. E101b - FIRST FLOOR PLAN B - LIGHTING
 - e. E102a - SECOND FLOOR PLAN A - LIGHTING
 - f. E102b - SECOND FLOOR PLAN B - LIGHTING
 - g. E103a - THIRD FLOOR PLAN A - LIGHTING
 - h. E103b - THIRD FLOOR PLAN B - LIGHTING
 - i. E104a - FOURTH FLOOR PLAN A - LIGHTING
 - j. E104b - FOURTH FLOOR PLAN B - LIGHTING
 - k. E201a - FIRST FLOOR PLAN A - POWER
 - l. E201b - FIRST FLOOR PLAN B - POWER
 - m. E202a - SECOND FLOOR PLAN A - POWER
 - n. E202b - SECOND FLOOR PLAN B - POWER
 - o. E203a - THIRD FLOOR PLAN A - POWER
 - p. E203b - THIRD FLOOR PLAN B - POWER
 - q. E204a - FOURTH FLOOR PLAN A - POWER
 - r. E204b - FOURTH FLOOR PLAN B - POWER
 - s. E205a - OVERALL ROOF PLAN – POWER
 - t. E301a - FIRST FLOOR PLAN A - SYSTEMS
 - u. E301b - FIRST FLOOR PLAN B - SYSTEMS
 - v. E302a - SECOND FLOOR PLAN A - SYSTEMS
 - w. E302b - SECOND FLOOR PLAN B - SYSTEMS
 - x. E303a - THIRD FLOOR PLAN A - SYSTEMS
 - y. E303b - THIRD FLOOR PLAN B - SYSTEMS
 - z. E304a - FOURTH FLOOR PLAN A - SYSTEMS
 - aa. E304b - FOURTH FLOOR PLAN B - SYSTEMS
 - bb. E401a - ENLARGED ELECTRICAL PLANS ELEVATIONS
 - cc. E402a - ENLARGED ELECTRICAL PLANS ELEVATIONS
 - dd. E402b - ENLARGED ELECTRICAL PLANS ELEVATIONS
 - ee. E403ab - ENLARGED ELECTRICAL PLANS ELEVATIONS
 - ff. E409 - ENLARGED MECHANICAL ROOMS
 - gg. E501 - ELECTRICAL DETAILS
 - hh. E503 - ELECTRICAL DETAILS
 - ii. E505 - ELECTRICAL DETAILS
 - jj. E600 - ELECTRICAL ONE-LINE DIAGRAM SCHEDULE
 - kk. E601 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - ll. E602 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - mm. E603 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - nn. E604 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - oo. E605 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - pp. E606 - ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - qq. E607 – ELECTRICAL PARTIAL ONE-LINE DIAGRAM
 - rr. E608 - ELECTRICAL PANEL SCHEDULES
 - ss. E609 - ELECTRICAL PANEL SCHEDULES
 - tt. E610 - ELECTRICAL PANEL SCHEDULES

- uu.
- vv. E611 - ELECTRICAL PANEL SCHEDULES
- ww. E612 - ELECTRICAL PANEL SCHEDULES
- xx. E613 - ELECTRICAL PANEL SCHEDULES
- yy. E614 - ELECTRICAL PANEL SCHEDULES
- zz. E615 - ELECTRICAL PANEL SCHEDULES
- aaa. E616 - ELECTRICAL PANEL SCHEDULES
- bbb. E617 - ELECTRICAL PANEL SCHEDULES
- ccc. E618 - ELECTRICAL PANEL SCHEDULES
- ddd. E620 - ELECTRICAL PANEL SCHEDULES
- eee. E621 - LIGHTING FIXTURE SCHEDULE

END OF ADDENDUM 1 NARRATIVE