ADDENDUM
NO. 2

June 9, 2020

Franklin Central Junior High School – Additions and Upgrades
10440 Indian Creek Road
Indianapolis, IN 46259

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated May 18, 2020, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-4 Specification Section 01 12 00 – Multiple Contract Summary, Site Logistics Plan dated 06/08/20, Construction Phasing Plans CP-101, CP-102 and CP-103 dated 06/08/20 and attached Schmidt Associates Addendum No. 2, dated June 9, 2020 consisting of 11 pages, Drawing Sheets: MP1L2, M-401, M-504, M-601, M-703.

BID OPENING

The Bid Opening on Tuesday June 16, 2020 at 2:00 PM will be available to watch via Virtual MS Teams Meeting.

Join MS Teams Meeting:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzhlM2RkYzItMDAxZC00ZWI1LTk1MWQtNDcwYzlkMjRkNzU5%40thread.v2/0?context=%7b%22Tid%22%3a%22c3f805a9-5c30-4bc0-afe5-a5859c3b17d6%22%2c%22Oid%22%3a%222fbe2b53-f9cd-4fa4-a7e2-06677740c688%22%7d

A. **SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY**

1. Paragraph 3.03A BID CATEGORY N0. 1 GENERAL TRADES

Add the following Clarifications:

- Provide reinforced plastic covered frames at all window and storefront openings.
- Bid Category No. 1 Contractor is responsible for joint sealant at hollow metal frames installed within masonry openings; Bid Category No. 4 Contractor is responsible for joint sealant at hollow metal frames installed within drywall partitions.
- Bid Category No. 1 Contractor is responsible for joint sealant at all windows and storefronts
- Bid Category No. 1 Contractor is responsible for road cleaning/sweeping for the entire duration of the project.
- Bid Category Nos. 9, 10, 11 and 12 are responsible for the demolition work associated with their respective MEP/FP systems.
- Bid Category No. 1 Contractor shall provide dumpsters for the MEP/FP Contractors' demolition debris; Bid Category No. 11 Contractor shall provide dumpsters for the work associated with Bid Alternate No. 4 and Bid Alternate No. 5
- Establish construction control lines on each Level of each Building (including the Ground Floor) for use by other Contractors; control lines shall consist of one (1) offset east-west column line, one (1) offset north-south column line and one (1) benchmark elevation. Coordinate location of control lines with the Construction Manager.
- Per Section 01 72 00, a certified survey of foundation walls and site improvements is required.
- Include an Allowance of $20,000 for Temporary Partitions
- Include an Allowance of $10,000 for repairs to roadways and parking lots due to construction activity
- Include three (3) sets of double chain link gates at the Trailer/Construction Parking Area and 15-foot-wide Haul Roads (8" thick stone) as indicated on Site Logistics Plan dated 06/08/20; include placement and removal of same.
- No signage schedule will be provided as part of this bid package. Key notes have been documented on the plan and can be used to obtain sign count. Once bid package is awarded for submittal process, a signage schedule can then be created for cross-reference

2. Paragraph 3.03B BID CATEGORY NO. 2 – MASONRY

Add the following Clarifications:

- Coordinate all required wall openings with the MEP/FP Contractors

3. Paragraph 3.03C BID CATEGORY NO. 3 – STRUCTURAL STEEL

Add the following Clarifications:

- Coordinate all required floor and openings with the MEP/FP Contractors
- Furnish and deliver steel decking roof material; Bid Category No. 4 Contractor shall unload, hoist, and install.

4. Paragraph 3.03D BID CATEGORY NO. 4 – METAL FRAMING/DRYWALL/CEILINGS

Add the following Clarifications:

- Bid Category No. 1 Contractor is responsible for joint sealant at hollow metal frames installed within masonry openings; Bid Category No. 4 Contractor is responsible for joint sealant at hollow metal frames installed within drywall partitions.
- Provide dumpsters and rubbish containers for your own work
- Provide patching of ACT ceilings scheduled for removal on AD series drawings
- Coordinate all required wall and roof openings with the MEP/FP Contractors
- Steel decking roof material shall be furnished by Bid Category No. 3 Contractor; Bid Category No. 4 Contractor shall unload, hoist, and install.

5. Paragraph 3.03E BID CATEGORY NO. 5 – ROOFING

Add the following Specification Section:
Section 06 16 00 Sheathing

Add the following Clarifications:

- Provide parapet insulation and sheathing
- Coordinate all roof openings, sleeves, etc. with the MEP/FP Contractors.

6. Paragraph 3.03F BID CATEGORY NO. 7 – PAINTING AND WALLCOVERING

Add the following Clarifications:

- Provide field finish painting of all millwork scheduled to have a paint finish; prime paint by Bid Category No. 8

7. Paragraph 3.03H BID CATEGORY NO. 8 – CASEWORK

Add the following Clarifications:

- Provide prime painting of all millwork scheduled to have a paint finish; finish paint by Bid Category No. 7

8. Paragraph 3.03I BID CATEGORY NO. 9 – FIRE PROTECTION

Add the following Clarifications:

- Bid Category Nos. 9, 10, 11 and 12 are responsible for the demolition work associated with their respective MEP/FP systems.

- Bid Category No. 1 Contractor shall provide dumpsters for the MEP/FP Contractors' demolition debris.

9. Paragraph 3.03J BID CATEGORY NO. 10 – PLUMBING

Add the following Specification Section:
Section 07 92 00 Joint Sealants

Add the following Clarifications:
- Bid Category Nos. 9, 10, 11 and 12 are responsible for the demolition work associated with their respective MEP/FP systems.
- Bid Category No. 1 Contractor shall provide dumpsters for the MEP/FP Contractors' demolition debris.

10. Paragraph 3.03K BID CATEGORY NO. 11 – HVAC

Add the following Clarifications:
- Bid Category Nos. 9, 10, 11 and 12 are responsible for the demolition work associated with their respective MEP/FP systems.
- Bid Category No. 1 Contractor shall provide dumpsters for the MEP/FP Contractors' demolition debris with the exception of Bid Alternate Nos. 4 and 5.
- Provide removal and proper disposal, including dumpsters, for all work associated with Bid Alternate No. 4A and 4B (Boilers) and Bid Alternate No. 5A, 5B, 5C, 5D, 5E and 5F (Chillers) within the Alternate Pricing.
- Alternate No. 4 Boiler scope of work can start 10/05/20 and must be complete by 10/16/20. Otherwise the work will be done in Summer 2021.
- Alternate No. 5 Chiller scope of work may commence 10/19/20 and must be complete by 03/19/21.

11. Paragraph 3.03L BID CATEGORY NO. 12 – ELECTRICAL & TECHNOLOGY

Add the following Clarifications:
- Bid Category Nos. 9, 10, 11 and 12 are responsible for the demolition work associated with their respective MEP/FP systems.
- Bid Category No. 1 Contractor shall provide dumpsters for the MEP/FP Contractors' demolition debris.

12. Paragraph 3.03M BID CATEGORY NO. 13 – LIGHTING

Add the following Clarifications:
- Bid Category No. 13 is the equivalent of Lighting Alternate No. 3 using Energy Harness fixtures. Energy Harness shall furnish and install all fixtures (except type "S1", "S2", "L5, "L7", "L7E", "L8E", and "L9E") and match the fixture counts indicated in the contract documents and lumen output to provide the following lighting levels in each type of room.

ADDENDUM NO. 2
JUNE 9, 2020

PREPARED BY SCHMIDT ASSOCIATES FOR:
FRANKLIN CENTRAL JUNIOR HIGH SCHOOL – ADDITIONS
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION

This Addendum consists of 11 Addendum pages and 5 attachment pages totaling 16 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 01 – GENERAL REQUIREMENTS

A. **Section 012300 "ALTERNATES"**

1. DELETE AND REPLACE Text 1.04, A.1, Alternate, as follows:

   "Alternate: Provide Stevens Musical Instrument Cabinets or TMI Musical Instrument Cabinets in lieu of Wenger Cabinets."

2.2 DIVISION 09 – FINISHES

A. **Section 095113 "ACOUSTICAL PANEL CEILINGS"**

1. DELETE AND REPLACE Subparagraph 2.8 A, 1 in its entirety and replace with the following:

   "1. Convex Diffusor, Wenger Corporation.
   2. Respond Diffusers: Barrel, Conwed Designscape.
   3. Geometric Radius Diffuser, Kinetecs Noise Control."

2. DELETE AND REPLACE Paragraph 2.8 B in its entirety and replace with the following:

   "B. Material: 0.125-inch Thermoformed plastic."

3. DELETE Subparagraph 2.8 D in its entirety.

4. DELETE AND REPLACE Paragraph 2.8 E in its entirety and replace with the following:

   "E. Thickness: 5-1/4 inch."

5. DELETE AND REPLACE Paragraph 2.8 F as follows:

   "F. Edge Detail: Flanged for lay-in ceiling grid."

6. ADD Paragraph 2.8 H as follows:

   "H. Suspension system: Provide suspension system that complies with requirements in Part 2 "Non-Fire-Resistance-Rated, Direct-Hung Suspension Systems", Article for wide-face, capped, double-web, steel suspension system"

B. **Section 096566 "RESILIENT ATHLETIC FLOORING"**

1. DELETE Subparagraph 1.2 B, 2 in its entirety.

2.3 DIVISION 12 – FURNISHINGS

A. **Section 123540.99 "MUSICAL INSTRUMENT & ROBE CABINET SYSTEM"**

1. DELETE Subparagraphs 1.2 A. 2., 3., and 4.

2. DELETE AND REPLACE Text within 1.2 B. 1. as follows:

   "education" with "instrument"

3. ADD Subparagraph 1.2 C.2 as follows:

   "2. Division 1 Section "Alternates" for description of Musical Instrument Cabinets Alternate."

4. DELETE Subparagraph 1.4 A. 2. in its entirety.

5. DELETE AND REPLACE Text within Subparagraph 1.8 A. 1. as follows:

   "three (3)" with "ten (10)"

6. DELETE Subparagraphs 1.8 A. 2. and 3.

7. MODIFY Paragraph 2.1 A. as follows:

   "1. Base Bid: Wenger Corporation (Basis-of-Design)

   2. Alternate: Stevens Musical Instrument Cabinets or TMI Musical Instrument Cabinets."

8. DELETE Subparagraph 2.2 C. 1. In its entirety.

9. DELETE AND REPLACE Subparagraph 2.2 E. 2. as follows:

"2. Leveling glides with 3/8 inch (9.5 mm) diameter threaded steel rod in steel corner brackets, minimum two each per cabinet side, accessible from within unit, and concealed in completed installation."

10. DELETE AND REPLACE Subparagraph 2.2 F. 1. as follows:

"1. Standard cabinet back panel 7/32 inch (5.6 mm) reinforced with 3/4 inch (19 mm) stretchers panels held in a dado groove and lag screwed in place.

11. DELETE Paragraph 2.2 H. in its entirety.

12. DELETE Paragraph 2.2 J. in its entirety.

13. DELETE Paragraph 2.2 K. in its entirety.

14. DELETE all references to "robe cabinet system" from specification.

2.4 DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING(HVAC)

A. **Section 230593 "TESTING, ADJUSTING, AND BALANCING FOR HVAC"**

1. DELETE AND REPLACE Paragraph 3.1 in its entirety and replace with the following:

"3.1. TAB SPECIALISTS
A. Bledsoe Environmental Systems Testing, Inc. (Owner will procure the services of Bledsoe Environmental as a professional service outside of the bidding of this project"

B. **Section 2309000.00 "INSTRUMENTATION AND CONTROL FOR HVAC"**

1. DELETE AND REPLACE Paragraph 2.1 F. in its entirety and replace with the following:

"F. Acceptable Manufacturers:

1. Andover Infinet Controls as supported by Precision Controls. BACnet controllers and integrations will not be required despite references in the drawings and specifications. Contact: Matt Manor (317-671-1905)."

C. **Section 232113 "HYDRONIC PIPING"**

1. ADD Subparagraph A. as follows, and renumber following Subparagraphs to B, C, and D

"A. Water Treatment Contractor shall be Chardon Labs. No exceptions. Contact is Mike Heirbrandt (765-617-5193)."

PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

3.1 A-SERIES DRAWINGS

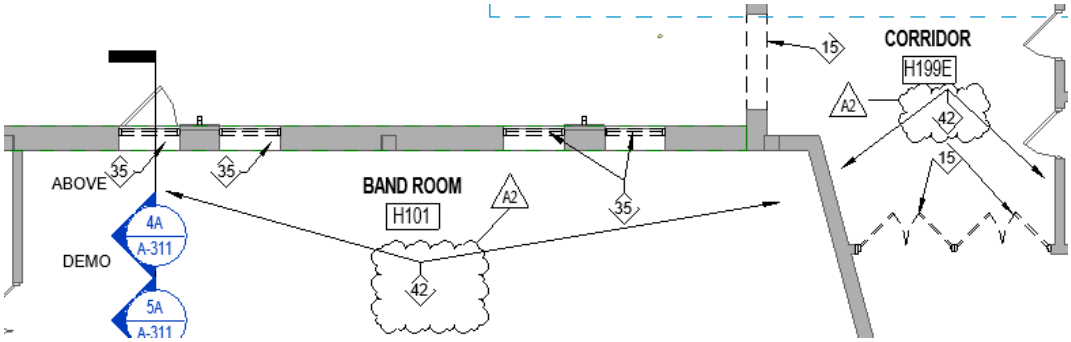
A. Drawing Number AD1F1

1. ADD Demolition Floor Plan Note 42 as follows:

   "42. REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR MECHANICAL PIPING INSTALLATION. REFER TO M-SERIES DRAWINGS AND REFLECTED CEILING PLAN."

2. ADD Note 42 to 4D/AD1F1 FIRST FLOOR DEMOLITION PLAN – UNIT H, Rooms H101 and H199E as follows:

"



"

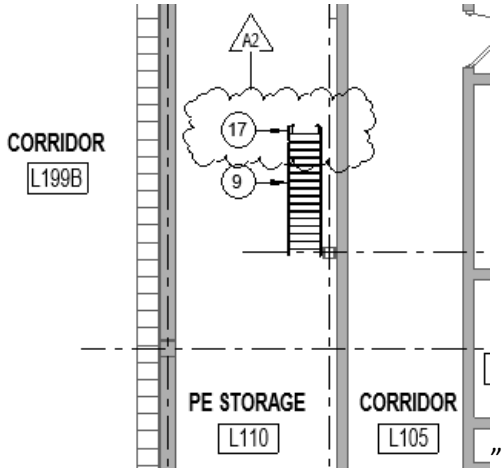
B. Drawing Number AF1L1

1. MODIFY Floor Plan Note 17 as follows:

   "17. 055000 – PROVIDE LANDING PLATFORM AT TOP OF SHIPS LADDER TO TRANSFER FROM LADDER TO CONCRETE CURB AND SLAB. MODIFY EXISTING GUARDRAIL AS REQUIRED TO INSTALL SHIPS LADDER BETWEEN EXISTING DUCTWORK AND WALL MOUNTED TECHNOLOGY CABINET. PROVIDE GUARDRAIL ON NEW LANDING. FIELD VERIFY EXISTING CONDITIONS."

2. ADD Note 17 to 2A/AF1L1 FIRST FLOOR PLAN - UNIT L, Room L110 as follows:

"



"

C. **Drawing Numbers AC101, AC1C1, AC1F1, AC1H1, AC1C2, AC1C3, AC1C4**

1. ADD General Reflected Ceiling Plan Note F as follows:

   "F. Contractor to coordinate ceiling grid installation to allow future access to VAV Box Control Panel and connections."

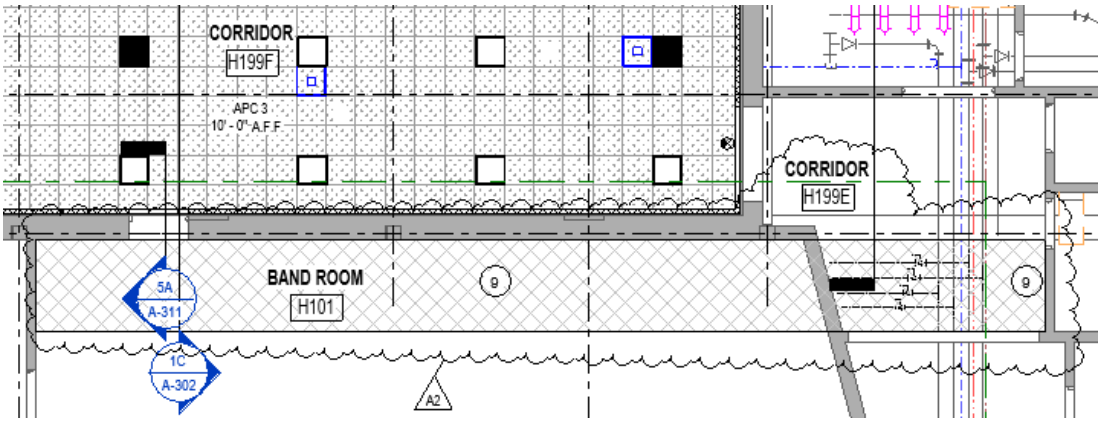
D. **Drawing Number AC1H1**

1. ADD Reflected Ceiling Plan Note 9 as follows:

   "9. REMOVE AND REINSTALL EXISTING CEILING AS REQUIRED FOR MECHANICAL PIPING INSTALLATION. REFER TO M-SERIES DRAWINGS."

2. ADD Note 9 to 4A/AC1H1 FIRST FLOOR REFLECTED CEILING PLAN – UNIT H, rooms H101 and H199E as follows:

"



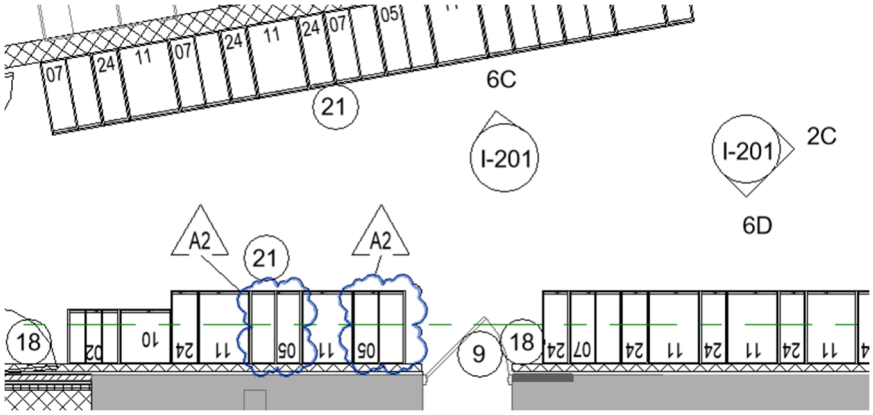
"

3.2 I-SERIES DRAWINGS

A. **Drawing Number IN1H1**

1. MODIFY Drawing 6D/I-201 as follows:

   Changed #24 Musical Instrument Storage cabinets, where there were (2) cabinets of the same number directly next to each other, to #5.



3.3 M-SERIES DRAWINGS

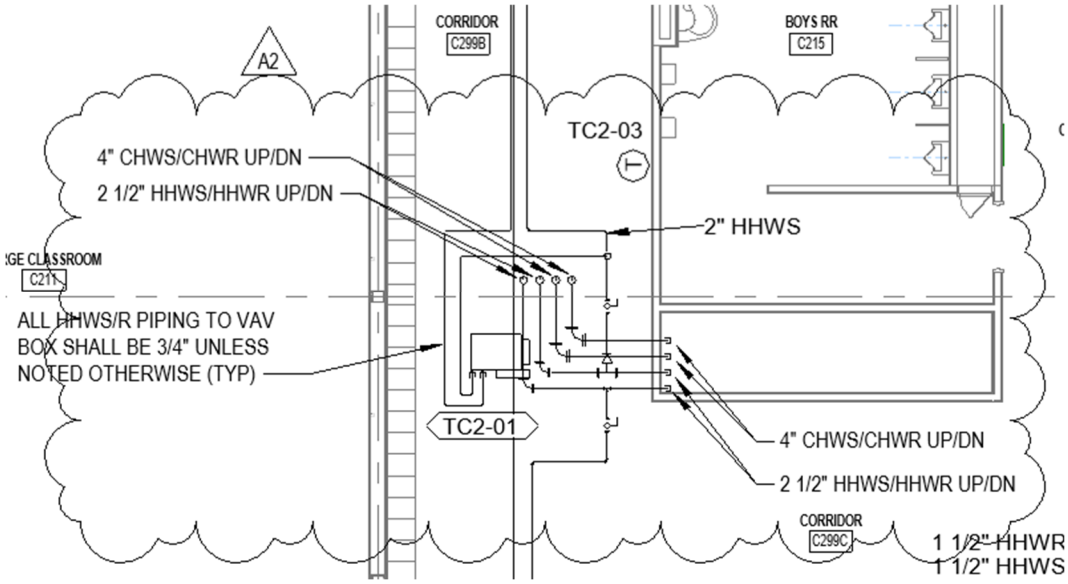
A. **Drawing Number M-001**

1. ADD Note 51. to General Notes as follows:

   "PROVIDE ACCESS DOORS AT ALL DEVICES REQUIRING ACCESS IN DUCTWORK. REFER TO SPECIFICATION SECTION 233300 FOR SPECIFIC REQUIREMENTS."

B. **Drawing Number MP1C2**

1. DELETE AND REPLACE Sketch below:



C. **Drawing Number MP1L1**

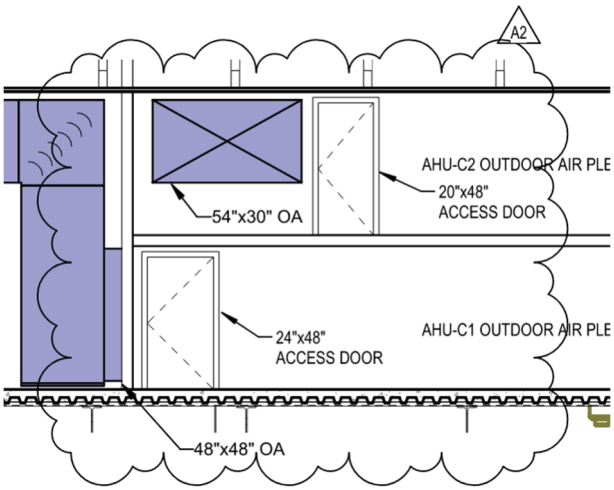
1. Plan 2A. Modify heating hot-water piping from Sheet MP1L2 that serves AHU-L3 from 2-1/2" to 2".

D. **Drawing Number MP1L2**

1. DELETE AND REPLACE Drawing MP1L2 per the attached.

E. **Drawing Number M-301**

1. DELETE AND REPLACE Sketch below for 1B Section:



F. **Drawing Number M-401.**

1. DELETE AND REPLACE Drawing M-401 per the attached.

G. **Drawing Number M-402.**

1. DELETE AND REPLACE Note 20 below:

   ”REPLACE/UPGRADE EXISTING REFRIGERANT MONITORING SYSTEM (REFRIGERANT R-123A). MANUFACTURER TO BE CHILLGUARD OR APPROVED EQUAL.”

2. DELETE AND REPLACE Note 21 below:

   ”ONE (1) 20” X 48” ACCESS DOOR AND ONE (1) 24” X 48” ACCESS DOOR. SMALLER DOOR FOR UPPER TUNNEL.”

3. Plan 4D. Modify heating hot-water piping that serves AHU-L3 from 2-1/2” to 2”.

H. **Drawing Number M-403-A.**

1. DELETE AND REPLACE Note 20 below:

   ”REPLACE/UPGRADE EXISTING REFRIGERANT MONITORING SYSTEM (REFRIGERANT R-123A). MANUFACTURER TO BE CHILLGUARD OR APPROVED EQUAL.”

2. DELETE AND REPLACE Note 21 below:

   ”ONE (1) 20” X 48” ACCESS DOOR AND ONE (1) 24” X 48” ACCESS DOOR. SMALLER DOOR FOR UPPER TUNNEL.”

I. **Drawing Number M-403-B.**

1. DELETE AND REPLACE Note 20 below:

   ”REPLACE/UPGRADE EXISTING REFRIGERANT MONITORING SYSTEM (REFRIGERANT R-123A). MANUFACTURER TO BE CHILLGUARD OR APPROVED EQUAL.”

2. DELETE AND REPLACE Note 21 below:

   ”ONE (1) 20” X 48” ACCESS DOOR AND ONE (1) 24” X 48” ACCESS DOOR. SMALLER DOOR FOR UPPER TUNNEL.”

3. Plan 2. Modify sheet note reference at refrigerant monitoring to “20”.

J. **Drawing Number M-504**

1. DELETE AND REPLACE Drawing M-504 per the attached.

K. **Drawing Number M-601**

1. DELETE AND REPLACE Drawing M-601 per the attached.

L. **Drawing Number M-701**

1. Each new AHU shall receive a TCC furnished, wired, and installed duct mounted carbon dioxide sensor. See Sheet M-703 for an example of the common return placement and required sequence of operations for each AHU.

2. Each new AHU shall have factory installed integral face and bypass dampers for the heating coil. See Sheet M-703 for an example of the TCC furnished, wired, and installed damper actuators and required sequence of operations for each AHU.

M. **Drawing Number M-702**

1. Each new AHU shall receive a TCC furnished, wired, and installed duct mounted carbon dioxide sensor. See Sheet M-703 for an example of the common return placement and required sequence of operations for each AHU.

2. Each new AHU shall have factory installed integral face and bypass dampers for the heating coil. See Sheet M-703 for an example of the TCC furnished, wired, and installed damper actuators and required sequence of operations for each AHU.

N. **Drawing Number M-703**

1. DELETE AND REPLACE Drawing M-703 per the attached.

O. **Drawing Number M-704**

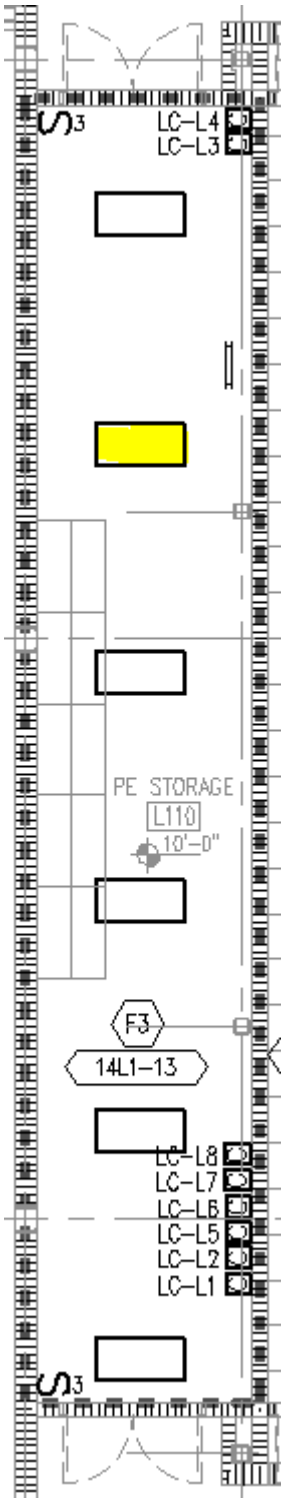
1. Each new AHU shall receive a TCC furnished, wired, and installed duct mounted carbon dioxide sensor. See Sheet M-703 for an example of the common return placement and required sequence of operations for each AHU.

2. Each new AHU shall have factory installed integral face and bypass dampers for the heating coil. See Sheet M-703 for an example of the TCC furnished, wired, and installed damper actuators and required sequence of operations for each AHU.

3.4 E-SERIES DRAWINGS

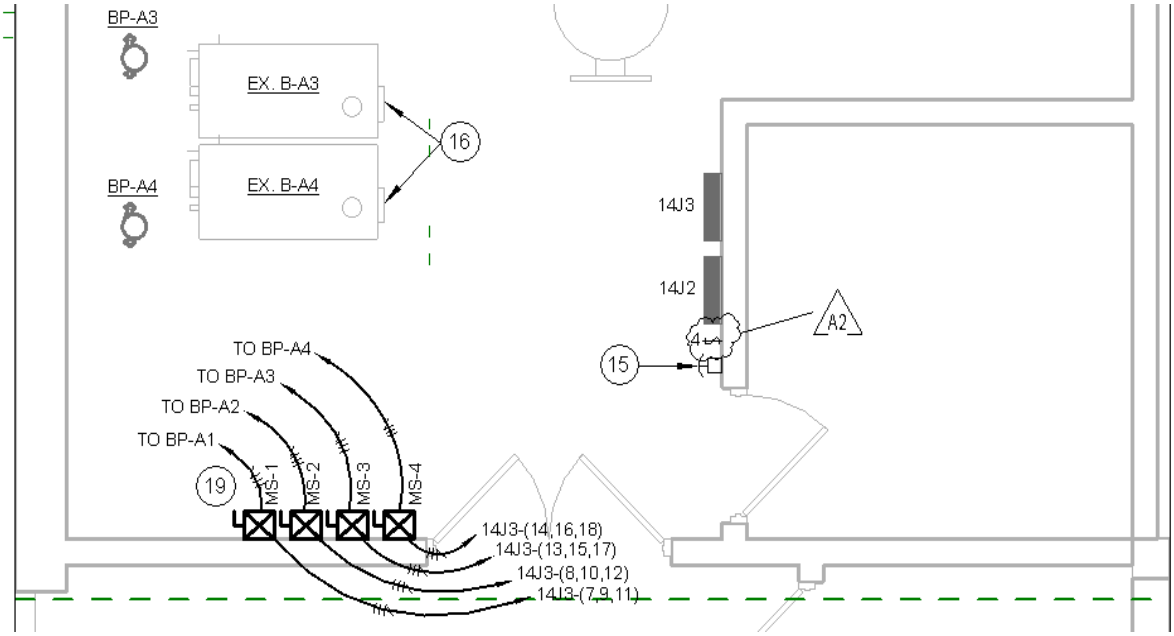
A. **Drawing Number EL1L1**

1. MODIFY Drawing EL1L1 as follows: Existing light fixture will need to be relocated in PE Storage L110 due to a new ships ladder being installed. Currently the fixture is mounted to Unistrut. Below is a picture from the original CD drawings high-lighting the fixture in question:


S3
LC-L4
LC-L3
PE STORAGE
L110
10'-0"
F3
14L1-13
LC-L8
LC-L7
LC-L6
LC-L5
LC-L2
LC-L1
S3

B. **Drawing Numbers E-402-A AND E-402-B**

1. Provide 4-way switch in J105 Boiler/Chiller as located below. Wire both existing 3-way switches through new 4-way switch. Rework wire and conduit as required.



END OF ADDENDUM 2

100%

Building Additions

Lost Parking Spaces

Laydown Area & Parking

Construction Fence

SITE LOGISTICS PLAN
06/08/20