ADDENDUM NO. 04

1. Refer to drawing sheet A121, East Tennessee Room 272, West window wall. This entire interior window wall is to be 1” clear insulating glass.

2. Refer to the following drawing sheets:

3. Mechanical Addendum: “See attached Addendum Number 4 – Mechanical” from Facility Systems Consultants, LLC. Attached as part of this Addendum NO. 4.


END OF ADDENDUM NO. 4
ADDENDUM NUMBER 4 – MECHANICAL

ETSU CULP CENTER
Design Release Package 3
Johnson City, Tennessee
April 17, 2018
SBC# 166/005-01-2014 CM

Changes/Modifications to the Drawings and Specifications:

**Mechanical:**

1. Refer to Specification 247413; 2.1 A; Carrier, is also an approved manufacturer

THIS ADDENDUM SHALL BECOME A PART OF THE PROJECT MANUAL AND HAVE FULL EFFECT AS IF SUBMITTED WITH THE ORIGINAL DOCUMENTS.

By: [Signature]
Facility Systems Consultants, LLC

Date: [Signature]
ADDENDUM NUMBER 4 - ELECTRICAL

ETSU CULP CENTER
Design Release Package 2
Johnson City, Tennessee
April 17, 2018
SBC# 166/005-01-2014 CM

Changes/Modifications to the Drawings:

Electrical Drawings

1. Refer to all plans. Add new fused disconnect in Electric Room 203 connected between transformer “T-NL10” and panel “NL10” as shown on E005.

2. Refer to drawing E008 – Electrical Details. Refer to Lighting Room Control Detail Type “V”, 4-Zone Larger Classroom/Other. To this detail the following note is added: “For the Cave area furnish and install a DMX interface device to provide control to the seven Type “F” fixtures within this area.”

3. Refer to drawing E009.
   a. Refer to U1 light in fixture schedule. Revised model number shall be 01-014-48D-4H-ACW-ACL-X-X-LED112HOW-277-3500K-80CRI-DB(0-10V). The description of lumens shall be changed from 600 to 6,600, and the fixture diameter shall be 48”.
   b. Refer to U2 light in fixture schedule. Revised model number shall be 01-014-72D-4H-ACW-ACL-X-X-LED170HOW-277-3500K-80CRI-DB(0-10V).
   c. Refer to U3 light in fixture schedule. Revised model number shall be 01-014-115D-4H-ACW-ACL-X-X-LED270HOW-277-3500K-80CRI-DB(0-10V).

4. Refer to Drawing E011. Refer to Panel schedule NL15. Change the 3 single pole spare breakers for circuits 20, 22, and 24 to a 3 pole 50A breaker for MAU-22,34. Change the 3 single pole spare breakers for circuits 26, 28, and 30 to a 3 pole 20A breaker for MAU-126,96. Change the 3 single pole spare breakers for circuits 32, 34, and 36 to a 3 pole 20A breaker for MAU-153.

5. Refer to Drawing E012. Delete Panelboards NH3, NH4, and NH5. Add new panelboard schedules for panelboards XL1 and XL2.

6. Refer to drawing E121 – Middle Level Lighting Plan – Area A.
   a. Refer to the area above Cave 142. For the seven Type “F” fixtures that are pointed at the stage the contractor shall provide CAT5E cabling for DMX control daisy-chained between the fixtures and routed back to the lighting controller for the room. CAT5E shall be installed in conduit, with CAT5E jacks terminated in and out of the junction boxes and patch cables run down and back to each of the fixtures.
   b. Refer to Electric Room 265. Change panelboard, transformer, and disconnect names and locations on all plans to what is shown on Drawing E121.
7. Refer to Drawing E122. Remove the “1” to the plan west of the panel labels for panels “UCC1”, “A98-1” and “A98-2”.

8. Refer to all plans. In “area of no work”, change panelboard “A98-1”, “A98-2”, and “UCC1” names and locations to what’s shown on Drawing E122.

9. Refer to all plans. Delete panel “NH3” from all floor plans in Upper Level Area A.

10. Refer to all plans. Rearrange panelboards along wall in Upper Level Area A Kitchen Room 365 as shown in Drawing E131.

11. Refer to Drawing E212. Change reference note 1 to the following: MOUNT IN TREAD FACE OF SEATING WALLS, TURN DEVICE RING HORIZONTAL, TYPICAL OF (10). Add general note 3 as follows: FOR ALL RENOVATED AREAS, UPDATE ALL PANELBOARD CIRCUIT DIRECTORIES AND REMOVE ALL UNUSED EXISTING BRANCH CIRCUIT WIRING.

12. Refer to all Plans. Change panelboard, transformer, and disconnect names and locations in Storage Room 206 to what’s shown on Drawing E222.

13. Refer to Drawing E222.
   a. Refer to Corridor 270 just to the plan west of room 216. The AV receptacle mounted on the outside of the chase at 84” AFF should be circuited to NL13-32.
   b. Refer to Forum Room 211. The receptacle on the wall plan west of Room 211B circuited to Z2-12 shall be fed from under-floor based on the wall in that location not extending up to the ceiling.

14. Refer to Drawing E231.
   a. Remove the (?) from the Panel “KL” note on Rooms 377, 374, and 375.
   b. Refer to plan southeast of Kitchen Room 365. Provide homerun from the receptacle in that location to circuit NL18-11.
   c. Refer to receptacle mounted in Box T in Dining Entry Room 332. This receptacle shall be designated “AV”.
   d. Storage Room 366A. Change Panel “NL8” name to “NL18”.
   e. Room 366. Change circuit for AV equipment from “NL8-3” to “NL18-3”.

15. Refer to all plans. Add existing panel “KL” to all floor plans in Upper Level Area A Room 365 as shown in Drawing E231.

16. Refer to all plans. Change panelboard, transformer, and disconnect names and locations in Electrical Room plan east of Dish Room 380 and plan north of Offices 354 and 355 to what’s shown on Drawing E231.

17. Refer to all plans. Change panelboard, transformer, and disconnect names and locations in Storage Room 366A to what’s shown on Drawing E231 except “NL8” should be “NL18” as mentioned elsewhere in this addendum.

18. Refer to Drawing E232. Refer to elevator note about location in door assembly. The note shall be revised as follows: ELEVATOR FEEDS LOCATED IN DOOR ASSEMBLY, TYPICAL.
19. Refer to all plans. Replace existing 1000KVA Pad Mount Transformer as shown on Drawing SE102.

20. Refer to drawing SE102, for new replacement pad mounted transformer at back of building, add the following notes:

   a. Coordinate replacement with owner’s operations schedule to minimize downtime.
   b. Field verify that existing pad is compatible with new replacement transformer and re-pour a 6” deep capping slab (if necessary) with #4 rebar 12” OC in both directions, including 12” turn-downs on the vertical walls.
   c. Disconnect and reconnect primary (15kV – 200A) and secondary (480V – 3000A) conductors in order to replace transformer. Field verify all conductor types and quantities and order secondary spades, termination enclosure, and primary bushing configuration accordingly.

21. Refer to Drawing T005. Add the following general note: AT ALL LOCATIONS WHERE CABLES LEAVE RACK AND ABOVE EACH RACK, PROVIDE AND INSTALL CABLE RADIUS DROP SUPPORTS. VERIFY EXACT LOCATIONS IN FIELD.

22. Refer to Drawing T111. Extend conduit and cable from AV data port location on exterior of Stair 100B in Lounge 145 plan south to cable tray.


THIS ADDENDUM SHALL BECOME A PART OF THE PROJECT MANUAL AND HAVE FULL EFFECT AS IF SUBMITTED WITH THE ORIGINAL DOCUMENTS.

04/17/2018

By: __________________________
Facility Systems Consultants, LLC
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FED FROM PNL H; SUB-FEED LUGS TO PNL NL13

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MARCH 2018

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[Table continued with more rows and columns]
1. REPLACE EXISTING LIGHT AT SAME LOCATION; SIGNS SHALL BE CONNECTED TO THE EMERGENCY EGRESS LIGHTING. ALL FIXTURES SHALL BE NIGHTLIGHTS (NL) AND BURN CONTINUOUSLY, UNLESS MARKED "GTD". FIXTURES MARKED "GTD" SHALL BE FURNISHED WITH A UL924 GENERATOR TRANSFER EVENT OF NORMAL POWER LOSS.

2. #18 TW/SH PLENUM OUTSIDE CONDUIT; ALL ROOMS WITH "LC" UNITS OR DIMMERS.

3. REMOVE ALL UNFINISHED CIRCUITS AND LABEL AS SPARE.
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1. Properly seal all penetrations into refrigerators and freezers.
2. Final rough-in height of electrical aff can be found on food service equipment schedules where not found on these floor plans. Where rough-in heights are not shown on the floor plans or schedules, VIF with food service equipment supplier prior to rough-in.
3. Exact electrical rough-in locations shall be verified in field with food service equipment supplier prior to rough-in.

General Notes:
Connect hood lights, controls, temperature sensors, and other accessories per hood manufacturer's shop drawings, VIF.

Ceiling mounted J-box. Extend power from J-box to equipment electrical connection.
Install 120V interposing relay in order to parallel shunt-trip function between hoods.

Wall Setting Legend:
- Solid line = walls
- Dashed line = partitions
- Chain line = smoke partition
- Dotted line = edge of fire barrier

Reference Notes:
- Connect hood lights, controls, temperature sensors, and other accessories per hood manufacturer's shop drawings, VIF.
- Ceiling mounted J-box. Extend power from J-box to equipment electrical connection.
- Install 120V interposing relay in order to parallel shunt-trip function between hoods.

Existing 2-HR fire barrier
New 2-HR fire barrier
New 1-HR fire barrier
New smoke partition
Existing smoke partition

Existing 2-HR fire barrier
New 2-HR fire barrier
New 1-HR fire barrier
New smoke partition
Existing smoke partition

Project No.: 166/005-01-2014CM
Date: JANUARY, 2018

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[Diagram Image]