



Addendum No. 2

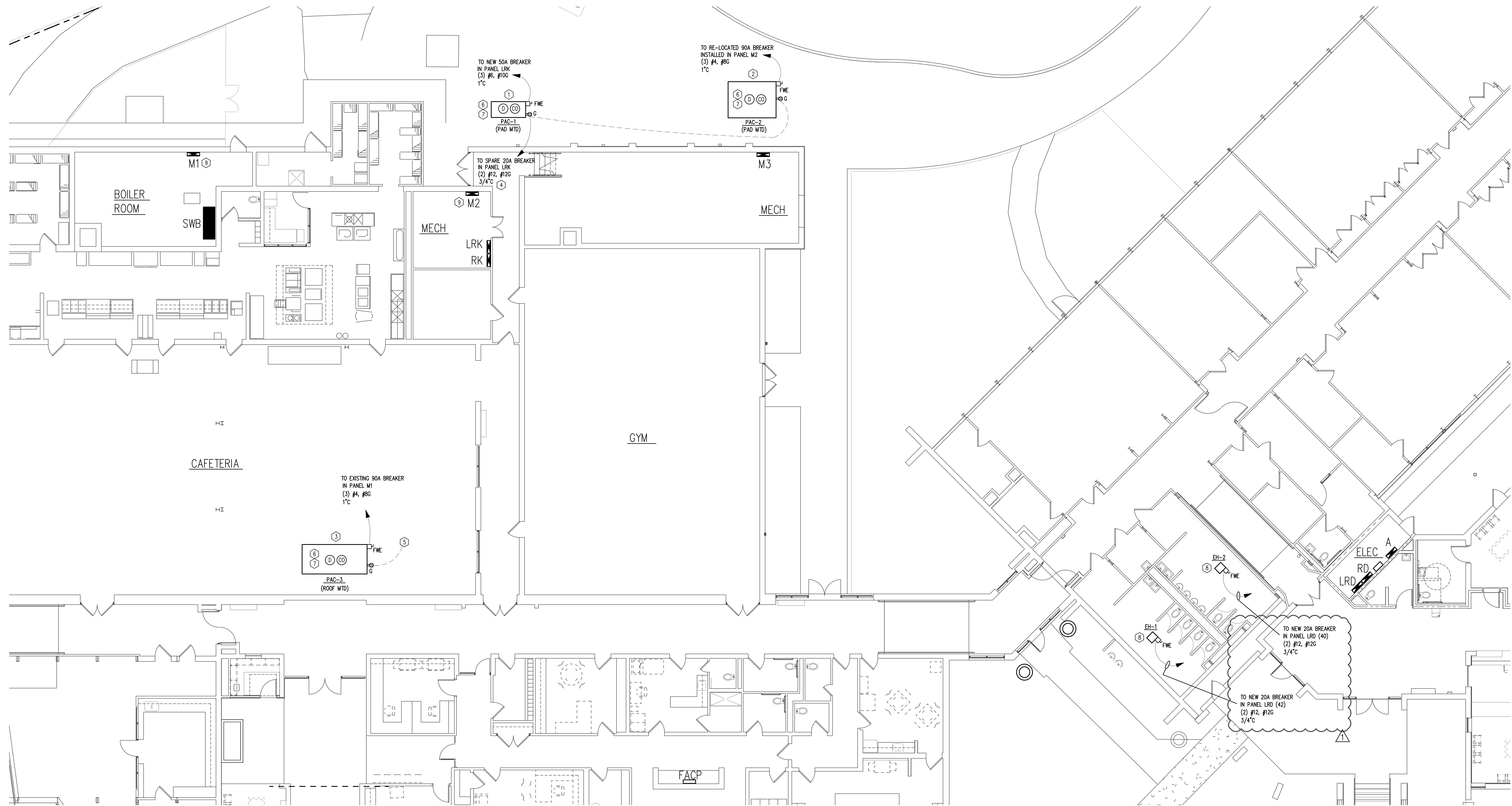
**Mechanical Upgrades to the
Early Learning Center at Park Hills
McMillan Pazdan Smith Project No. 019080
March 16, 2020**

The following clarifications, amendments, additions, deletions, revisions, and/or modifications are hereby made a part of the Contract Documents, and change the original documents only in the manner and to the extent stated below:

- Item No. 1: **Electrical Drawings – E-3 – Electrical Area "C" & "D" HVAC Plan:**
Delete the previously issued sheet E-3 and insert the attached drawing E-3 into the contract documents

End of Addendum No. 2

This drawing is the property of Matrix Engineering, Inc., and is not to be reproduced or copied in whole or in part. It is only to be used for the project and site specifically identified herein and is not to be returned upon request.



AREA C & D ELECTRICAL HVAC PLAN
SCALE: 1/8" = 1'-0"

GENERAL HVAC NOTES:

- ELECTRICAL CONTRACTOR TO COORDINATE ALL ELECTRICAL WORK WITH HVAC CONTRACTOR.
- COORDINATE ALL FIRE ALARM WORK WITH FIRE ALARM CONTRACTOR AND HVAC CONTRACTOR.
- FWE ADJACENT TO DEVICES DENOTES DEVICE TO BE FURNISHED WITH EQUIPMENT.

FIRE ALARM NOTES:

- FACILITY HAS EXISTING SIMPLEX 4100ES FIRE ALARM SYSTEM. FIRE ALARM PANEL LOCATED IN ADMINISTRATIVE OFFICE AREA. FIRE ALARM CONTRACTOR TO ADD NEW DEVICES AS INDICATED. CONNECT TO NEW DEVICES TO THE NEAREST AVAILABLE INITIATION OR NOTIFICATION DEVICE AS REQUIRED.

KEYED HVAC NOTES:

- LOCATION OF NEW PAD MOUNTED HVAC PACKAGED UNIT. NEW UNIT TO BE WIRED TO EXISTING PANEL "LRK." ELECTRICAL CONTRACTOR TO PURCHASE AND INSTALL NEW 50AMP, 3 POLE CIRCUIT BREAKER IN PANEL "LRK" TO SERVE UNIT. KAIC RATING TO MATCH EXISTING BREAKERS IN PANEL. WIRE AS INDICATED.
- LOCATION OF NEW PAD MOUNTED HVAC PACKAGED UNIT. NEW UNIT TO BE WIRED TO EXISTING PANEL "M2." ELECTRICAL CONTRACTOR TO WIRE TO EXISTING 90AMP, 3POLE CIRCUIT BREAKER REMOVED FROM PANEL "M1" AND INSTALLED IN PANEL "M2." WIRE AS INDICATED.
- LOCATION OF NEW ROOF MOUNTED HVAC PACKAGED UNIT. NEW UNIT TO BE WIRED TO EXISTING PANEL "M1." ELECTRICAL CONTRACTOR TO WIRE TO EXISTING 90AMP, 3POLE CIRCUIT BREAKER IN PANEL "M1" PREVIOUSLY SERVING PUMP THAT WAS REMOVED IN DEMO PLAN. WIRE AS INDICATED.
- NEW CIRCUIT FOR MAINTENANCE RECEPTACLES FOR HVAC UNITS. ELECTRICAL CONTRACTOR WIRE TO EXISTING SPARE 20A, 1P CIRCUIT BREAKER IN EXISTING PANEL "LRK" AS INDICATED.
- GFCI RECEPTACLE PROVIDED WITH HVAC UNIT. ELECTRICAL CONTRACTOR TO WIRE AS INDICATED TO THE NEAREST AVAILABLE CONVENIENCE RECEPTACLE CIRCUIT IN AREA.
- PROVIDE DUCT SMOKE DETECTOR FOR UNIT. DUCT DETECTOR PROVIDED AND WIRED BY FIRE ALARM CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR. UNIT SHUTDOWN BY MECHANICAL. SEE FIRE ALARM NOTES AT LEFT.
- PROVIDE CARBON MONOXIDE (CO) DETECTOR MOUNTED IN SUPPLY DUCT. COORDINATE WITH FIRE ALARM AND MECHANICAL CONTRACTOR. SEE FIRE ALARM NOTES AT LEFT.
- LOCATION OF NEW ELECTRICAL CEILING HEATER FOR REST ROOM. WIRE TO EXISTING SUB-PANEL "LRD" AS INDICATED. ELECTRICAL CONTRACTOR TO PURCHASE AND INSTALL QUANTITY (2) NEW 20 AMP, 1 POLE CIRCUIT BREAKERS IN PANEL "LRD", SLOT 40 & 42 TO SERVE HEATERS. KAIC RATING TO MATCH EXISTING BREAKERS IN PANEL. WIRE AS INDICATED.
- ELECTRICAL CONTRACTOR TO RE-FEED EXISTING PANEL "M2" FROM EXISTING PANEL "M1." REMOVE 70A, 3P BREAKER AND PURCHASE AND INSTALL 100A, 3P BREAKER TO FEED PANEL "M2". KAIC RATING TO MATCH EXISTING BREAKERS IN PANEL. INSTALL (4) #2, #8GND IN EXISTING 1-1/4" CONDUIT.

| <p>HVAC REPLACEMENT FOR DISTRICT 7 EARLY LEARNING CENTER SPARTANBURG, SOUTH CAROLINA</p> | | | | | | | | | | | | | |
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| <p>IFB PROJECT #19-20-10</p> | | | | | | | | | | | | | |
| <p>MATRIX ENGINEERING, INC. 115 SOUTH PINE STREET SPARTANBURG, SOUTH CAROLINA (864) 585-6274 www.matrixinc.com</p> | <p>AREA C & D HVAC PLAN</p> | | | | | | | | | | | | |
| <p>SCALE: AS NOTED</p> <p>DATE: FEB 24, 2020</p> <p>FILE NAME: E31.DWG</p> | <p>DWG NO: 2302</p> <p>REV: 1</p> <p>E3</p> | | | | | | | | | | | | |
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