

ADDENDUM NUMBER 2

Date: June 12, 2015

Re: CRF Deferred Maintenance School of Music EMS/HVAC
University of South Carolina

A/E Proj. No.: 153192

Submitted By: Justin Varco, EIT, CPD
Mechanical Design, Inc.
4403 Broad River Road
Columbia, S.C. 29210
(803)731-9834 Fax: (803)731-9837
justin@mdi9834.com

The following items take precedence over referenced portions of the Contract Documents for the referenced project dated May 11th, and, in executing a contract, shall become a part thereof.

Where any item called for in the documents is supplemented hereby, the original requirements shall remain in effect. All supplemental conditions shall be considered as added thereto.

Where any original item is amended, voided, or superseded hereby, the provision of such items not so specifically amended, voided, or superseded shall remain in effect.

Specifications:

1. Section 23 34 23: Add the following to the list of accepted manufacturers to bid this project provided all aspects and requirements of the specifications are met:

Balance/Control Dampers

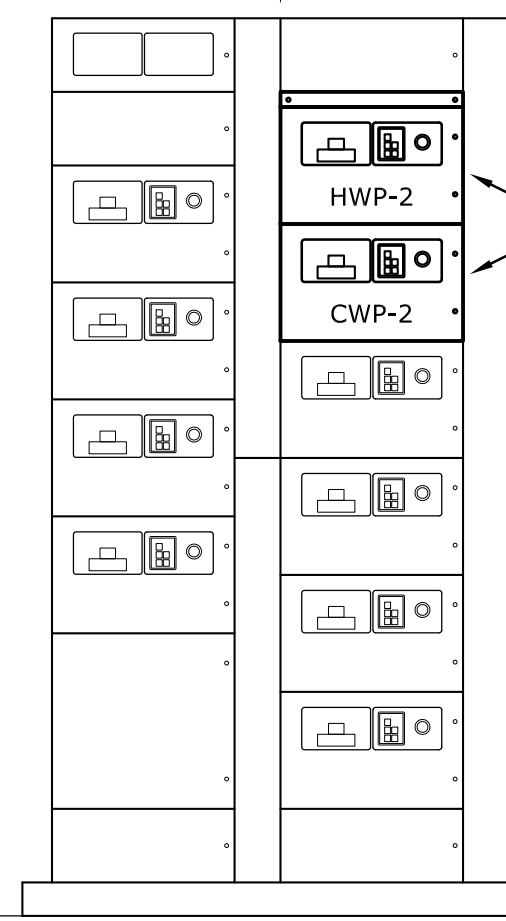
Pottorff

Drawings:

1. See attached revised E1 drawing. Added electrical power for 2nd louver.

END OF ADDENDUM NO. 2

EXISTING 480-VOLT, 3-WIRE, WESTINGHOUSE
#AZCU63800-1T-48-FVC ADVANTAGE MOTOR
CONTROL CENTER.
SECTION 1 = 600A RATING
SECTION 2 = 300A RATING

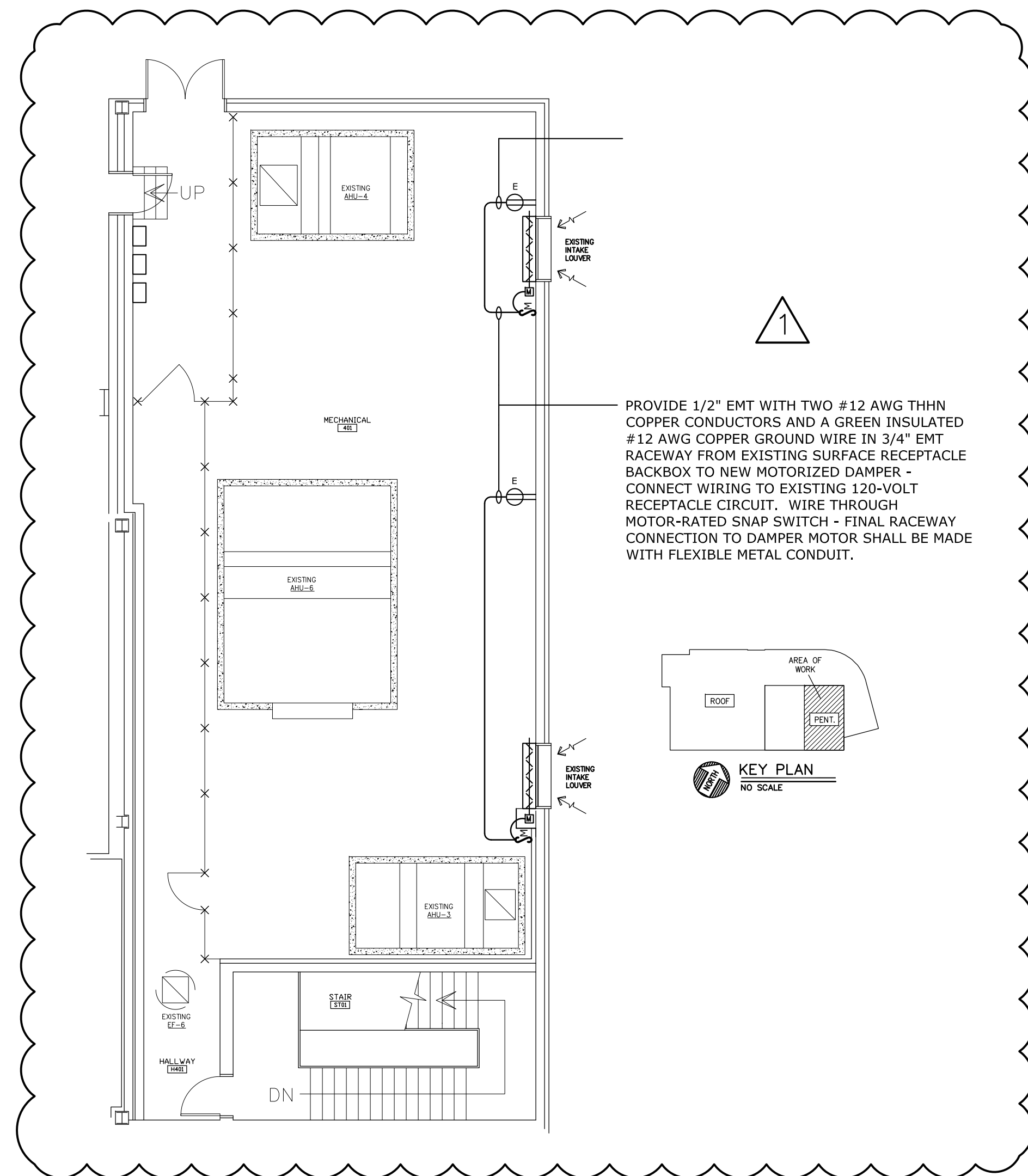


REMOVE EXISTING SPARE BUCKET DOOR. PROVIDE TWO NEW COMBINATION CIRCUIT BREAKER-MOTOR STARTER BUCKETS WITH HINGED DOORS TO SERVE NEW PUMPS. MODIFY EXISTING MCC BUSWORK AND PROVIDE BUS CONNECTING KITS AND CONDUCTORS AS REQUIRED TO CONNECT CIRCUIT BREAKERS AND STARTERS. PROVIDE FILLER PLATE(S) IF NEW BUCKET DOORS DO NOT FILL ENTIRE OPENING.

BREAKER FOR HWP-2 SHALL BE 3-POLE AND RATED 15 AMPERES. STARTER FOR HWP-2 SHALL BE NEMA SIZE "1" AND SHALL BE OF THE SAME TYPE AND ELECTRONIC FEATURES AS THE EXISTING STARTERS IN THE MOTOR CONTROL CENTER.

BREAKER FOR CWP-2 SHALL BE 3-POLE AND RATED 40 AMPERES. STARTER FOR CWP-2 SHALL BE NEMA SIZE "2" AND SHALL BE OF THE SAME TYPE AND ELECTRONIC FEATURES AS THE EXISTING STARTERS IN THE MOTOR CONTROL CENTER.

2 MOTOR CONTROL CENTER MCC-1
E1 NOT TO SCALE FIRST FLOOR



1 PARTIAL FLOOR PLAN - ELECTRICAL RENOVATION
E1 SCALE: 1/8" = 1'-0" PENTHOUSE

ELECTRICAL LEGEND

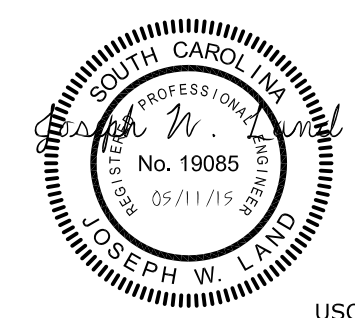
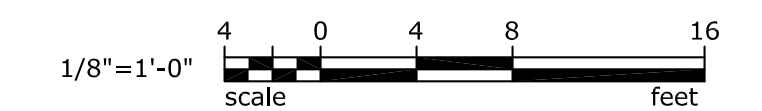
| SYMBOL | DESCRIPTION |
|--------|---|
| | ELECTRICAL CONNECTION TO A MOTOR OR TO MOTOR-DRIVEN EQUIPMENT. PROVIDE RACEWAY AND WIRING AS NOTED ON PLAN. |
| | STEEL JUNCTION BOX WITH SCREW COVER - WALL MOUNTED. |
| | MOTOR-RATED SNAP SWITCH WITH STEEL NEMA-1 TYPE BACKBOX. WALL MOUNT SWITCH ADJACENT TO MOTORIZED DAMPER. |
| | EXISTING NON-FUSED SAFETY DISCONNECT SWITCH - TO REMAIN IN PLACE. |
| | EXISTING 120-VOLT RECEPTACLE OUTLET, SURFACE MOUNTED ON WALL WITH EXPOSED RACEWAY - TO REMAIN IN PLACE. |

GENERAL CONSTRUCTION NOTES

- PROVIDE ALL WORK IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:
INTERNATIONAL BUILDING CODE 2012 EDITION
NFPA 70 - NATIONAL ELECTRICAL CODE 2011 EDITION
 - PROVIDE RACEWAY AND WIRING TO ALL DEVICES AND EQUIPMENT INDICATED ON THE CONTRACT DRAWINGS. THE DRAWINGS INDICATE PARTIAL RACEWAY AND WIRING REQUIREMENTS TO HELP CLARIFY DESIGN INTENT. WHERE RACEWAY AND/OR WIRING IS NOT INDICATED FOR DEVICES OR EQUIPMENT THE ARRANGEMENT, GROUPING, AND ROUTING SHALL BE PROVIDED IN ACCORDANCE WITH THE 2011 EDITION OF THE NATIONAL ELECTRICAL CODE.
 - RACEWAYS SHALL BE 3/4" EMT WITH COMPRESSION TYPE FITTINGS UNLESS NOTED OR DETAILED OTHERWISE. ALL WIRE SHALL BE COPPER WITH THHN INSULATION.
 - JUNCTION BOXES SHALL BE STEEL TYPE WITH SCREW COVER, SIZED AND SUPPORTED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. PROVIDE JUNCTION BOXES AS REQUIRED FOR POWER WIRING RENOVATIONS.
 - INSTALL ELECTRICAL SYSTEMS WITHOUT INTERFERING WITH DUCTS, PIPES, STRUCTURAL MEMBERS, OR OTHER SYSTEMS.
 - THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. THE CONTRACTOR SHALL INSTRUCT THE OWNER'S PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF ALL SYSTEMS.
 - THE CONTRACTOR SHALL GUARANTEE THE WORK INSTALLED UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
 - CUTTING, DRILLING, AND PATCHING: PROVIDE CHASES, SLOTS, AND OPENINGS IN EXISTING BUILDING COMPONENTS TO ALLOW FOR ELECTRICAL INSTALLATIONS. PERFORM CUTTING, DRILLING, FITTING, AND PATCHING REQUIRED TO:
 - INSTALL EQUIPMENT, MATERIALS, AND RACEWAYS IN EXISTING STRUCTURES.
 - REMOVE AND REPLACE DEFECTIVE WORK THAT DOES NOT CONFORM TO REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - UPON WRITTEN INSTRUCTIONS FROM THE ARCHITECT/ENGINEER, UNCOVER AND RESTORE WORK TO PROVIDE FOR ARCHITECT/ENGINEER OBSERVATION OF CONCEALED WORK.
- PROTECT EXISTING STRUCTURES, FURNISHINGS, FINISHES, MECHANICAL SYSTEMS, AND ELECTRICAL SYSTEMS WHILE PERFORMING CUTTING, DRILLING, FITTING, AND PATCHING.
- PATCH EXISTING SURFACES AND BUILDING COMPONENTS USING NEW MATERIALS THAT MATCH EXISTING MATERIALS. PATCHING SHALL BE PERFORMED BY EXPERIENCED INSTALLERS.

GENERAL DEMOLITION NOTES

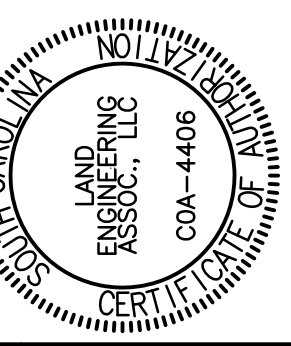
- THE CONTRACTOR SHALL VISIT THE SITE/BUILDING TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID AND SHALL INCLUDE ALL WORK REQUIRED FOR COMPLETE DEMOLITION AND RENOVATION IN HIS BID.



USC-2014-08



262 SANDHURST ROAD, SUITE 101
COLUMBIA, SOUTH CAROLINA
(803) 528-1437
Joe.Land.LEA@sc.rr.com



| | |
|-------------|-------------------------|
| CHECKED BY: | JWL |
| ORIG. BY: | JSJ |
| DATE: | 06/12/15 |
| DRAWN BY: | JWL |
| DATE: | 11 MAY 15 |
| DRAWING: | DESCRIPTION |
| BUILDING: | 086A |
| REV. | 1 |
| | DETAIL 1 - ADDED DAMPER |