

Upstate Smith Building Deferred Maintenance

Project #CP00174726

Addendum NO. 1

DATE: February 17, 2012
FROM: PERITUS ENGINEERS & ASSOCIATES, INC.
TO: ALL BIDDERS

The following items add to, modify, clarify, or otherwise alter the Drawings and will become a part of the Contract Documents. Where a portion of the Drawings is added to, modified, clarified, or otherwise altered, the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

Pre-Bid Meeting

The attendance sign in sheet from the non-mandatory prebid meeting held Tuesday, 2/15/2012, at 10AM is included with this addendum

Drawings

Electrical Drawings (full size) E-1 and E-2 are included with this addendum.

Clarification

The scope of work to be performed on this project is to start and finish in conjunction with the shutdown of the laboratories scheduled for May 2nd through May 25th, 2012.

On Drawing M-1, existing supply fan module is 46.5" high. The scheduled new supply fan module is also 46.5" high. The existing supply duct, from adjacent AHU-702, which located above the existing and replacement supply fan modules shall not be removed or disturbed.

Existing control devices located in existing supply duct to be removed, including, but not limited to duct smoke detector, high limit temperature sensor and controlling temperature sensor, shall be removed and handed over to the owner. Owner shall provide reinstallation or replacement of these control devices in new supply duct.

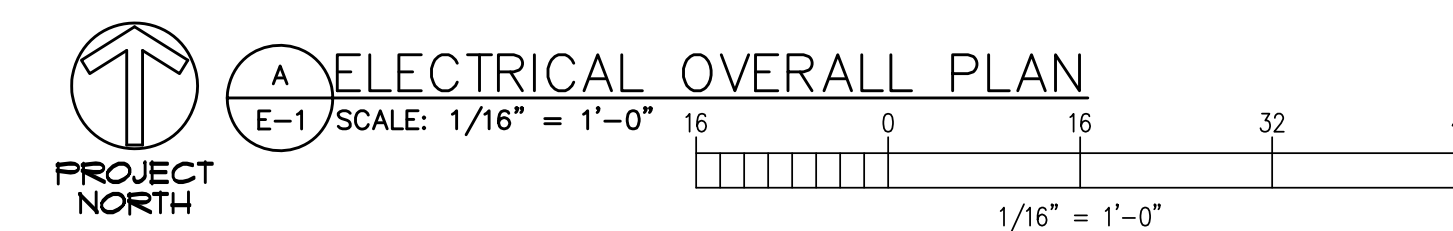
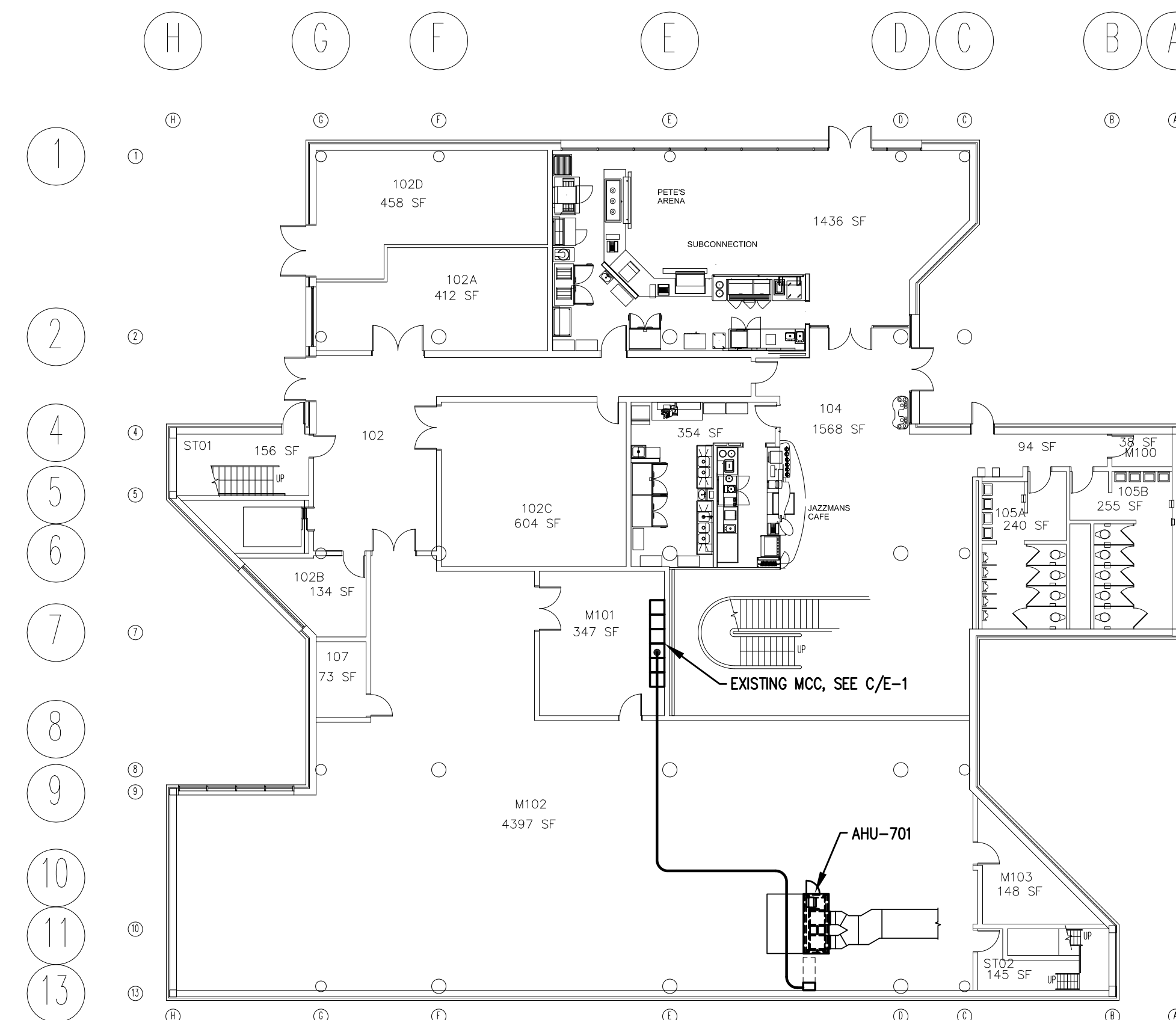
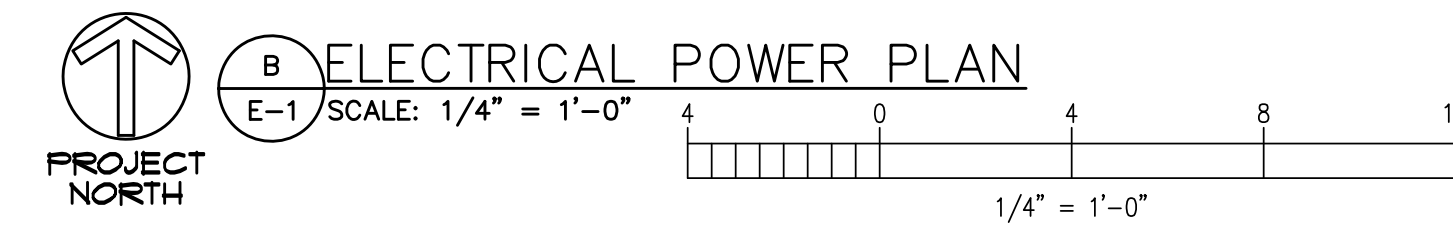
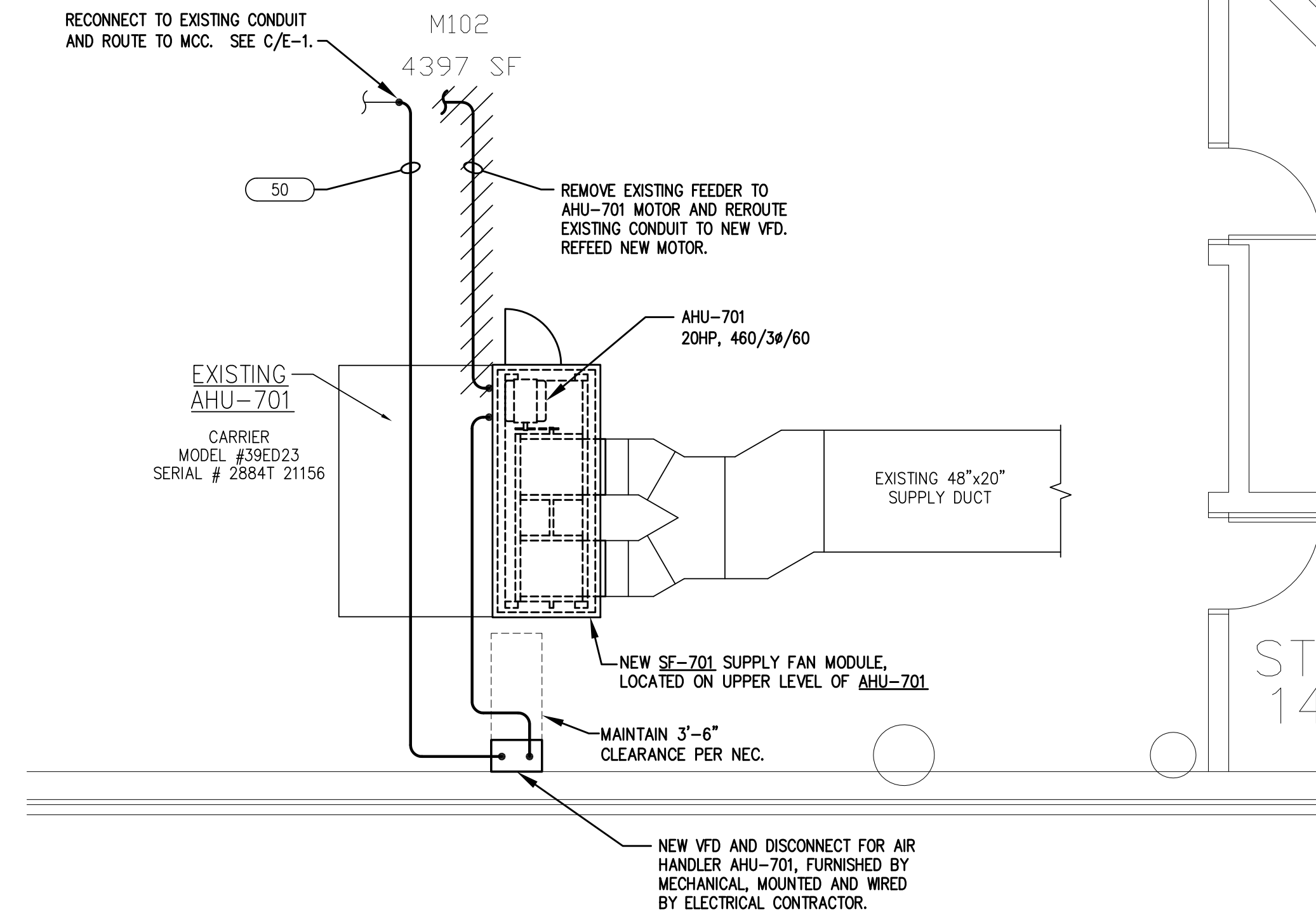
END OF ADDENDUM NO. 1

ELECTRICAL GENERAL NOTES:

- INSPECT SITE PRIOR TO SUBMITTING BID. DRAWINGS ARE INTENDED TO COVER THE REQUIRED ELECTRICAL SYSTEMS. DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE BUILDING OR SYSTEM IN EVERY RESPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY ADDITIONAL INFORMATION AS REQUIRED.
- CONFORM TO THE NATIONAL ELECTRICAL CODE (2008), IBC (2009), APPLICABLE NEMA, ANSI AND IEEE PUBLICATIONS, U.L. AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION.
- FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UL LABEL.
- VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH THAT OF ALL OTHER TRADES AS REQUIRED.
- CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC, EXCEPT THAT SET SCREW OR CRIMP FITTINGS ARE NOT ALLOWED. WHERE EXPOSED TO PHYSICAL DAMAGE CONDUITS SHALL BE RIGID GALVANIZED STEEL. MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUCTORS SHALL BE TYPE THHN/THWN, STRANDED 600V COPPER BUILDING WIRE. MINIMUM SIZE SHALL BE #12 AWG COPPER UNLESS NOTED.
- PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL ENCLOSURES SHALL BE OF THE NEMA TYPE WHICH IS SUITABLE FOR THE APPLICATION.
- SEAL ALL CONDUIT PENETRATIONS TO MATCH RATING OF WALL BEING PENETRATED.
- ALL WORK SHALL HAVE PROPER LABELING AND NAMEPLATES. ALL CIRCUITS SHALL BE LABELED AT PANELS AND BOXES AS INDICATED. ALL PANELS AND DISCONNECTS ARE TO BE PERMANENTLY MARKED WITH NAME OR EQUIPMENT SERVED.
- THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. INSTRUCT THE OWNERS' PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
- GUARANTEE THE WORK INSTALLED 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.
- CONTRACTOR SHALL KEEP CURRENT A SET OF PLANS FOR THE DURATION OF CONSTRUCTION WITH ALL CHANGES TO WORK NEATLY AND ACCURATELY MARKED IN RED AND SHALL TURN OVER TO OWNER AT COMPLETION OF PROJECT.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS OF 2009 IBC.

SYMBOL	DESCRIPTION
—	EXPOSED CONDUIT
○	CONDUIT TURNING UP
●	CONDUIT TURNING DOWN

CABLE/CONDUIT SCHEDULE	
TAG	WIRE AND CONDUIT
50	3 #8, 1 #10G; 1" C



	SECTION NO.1 WIREWAY	SECTION NO.2 WIREWAY	SECTION NO.3 WIREWAY	SECTION NO.4 WIREWAY	SECTION NO.5 WIREWAY	SECTION NO.6 WIREWAY
A				①		
B						
C						
D						
E						
F						
G						
H						
J						
K						
L						
M						
	WIREWAY	WIREWAY	WIREWAY	WIREWAY	WIREWAY	WIREWAY

① = AHU-2 LAB L3 #701
REPLACE FUSES WITH FUSES SIZED FOR VFD NAMEPLATE PER NEC. DISABLE STARTER AND WIRE NEW FEEDER TO FUSE BLOCK

C EXISTING 'MCC' FRONT VIEW
E-1 NOT TO SCALE

NO.	DATE	BY	DESCRIPTION
0	2/5/12	DJB	ISSUE FOR BIDS

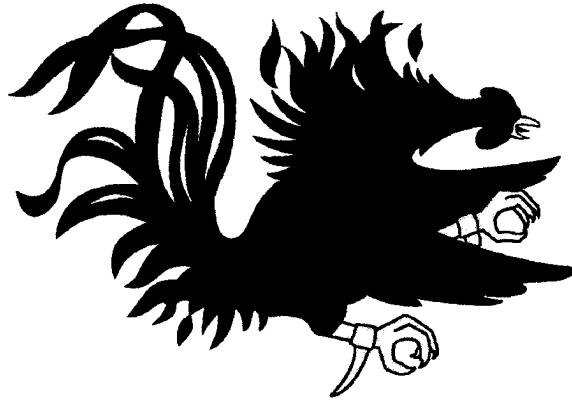
NO.	DATE	BY	DESCRIPTION

NO.	DATE	BY	DESCRIPTION

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UPSTATE SMITH BUILDING
DEFERRED MAINTENANCE
SPARTANBURG, SOUTH CAROLINA

DESIGN	TMP
CHECKED	DJB
DATE	1/27/12
DRAWN BY	PERITUS #110201
SHEET	E-1
1 OF 2 SHEETS	



Upstate Smith Building Repairs

Project Number: CP00174726

Pre-Bid Conference

February 15, 2012 @ 10:00am – USC Upstate Facilities Conference Room, Spartanburg, SC

ATTENDEE'S NAME

COMPANY NAME & MAILING ADDRESS

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Justin Calhoun

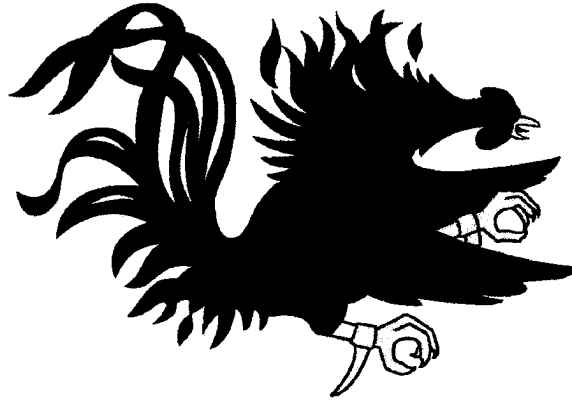
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Make sure to include your company name (on this form) as registered with LLR.



**Upstate Smith Building Repairs
Project Number: CP00174726
Pre-Bid Conference**

February 15, 2012 @ 10:00am – USC Upstate Facilities Conference Room, Spartanburg, SC

ATTENDEE'S NAME

Chuck Stephens

COMPANY NAME & MAILING ADDRESS

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