

SECTION 00910 - ADDENDUM NUMBER 1

PARTICULARS

- 1.01 DATE: June 26, 2013
- 1.02 PROJECT: UNIVERSITY OF SOUTH CAROLINA, 350 WAYNE - FIRE PROTECTION UPGRADES
- 1.03 PROJECT NUMBER: State Project #H27-Z099, A/E #13016.01
- 1.04 OWNER: University of South Carolina
- 1.05 ARCHITECT: GMK Associates, Inc.
- TO: PROSPECTIVE BIDDERS
- 2.01 This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated May 31, 2013, with amendments and additions noted below.
- 2.02 Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.
- 2.03 This Addendum consists of 2 pages and the following attachments:
 - A. Added specification section 16720
 - B. Revised Drawings A1.1, FP1.0 and FP2.0.
 - C. Pre-Bid Meeting attendance sign in sheets

CHANGES TO THE PROJECT MANUAL

- 3.01 Add the attached specification section 16720 - Fire Detection, Alarm and Mass Notification to the project manual.
 - A. Note: For this project, the FACP will only monitor the relevant sprinkler system devices as shown on the drawings and relay the signal to the monitoring devices as shown on the drawings and relay the signal to the monitoring station via telephone wires. Some devices are indicated in the specification in order to require the new panel to be expandable as per the spec.

PRE-BID MEETING ATTENDANCE SIGN IN SHEET

- 4.01 Issued as part of this addendum for information only. See attached.

CHANGES TO THE DRAWINGS

- 5.01 DRAWING A1.1
 - A. Replace the existing drawing with the attached revised drawing.
 - B. Revisions are noted.
- 5.02 DRAWING FP1.0
 - A. Replace the existing drawing with the attached revised drawing.
 - B. Revisions are noted.
- 5.03 DRAWING FP2.0

UNIVERSITY OF SOUTH CAROLINA
350 WAYNE -
FIRE PROTECTION UPGRADES
COLUMBIA, SC

STATE PROJECT # H27-Z099
A/E PROJECT # 13016.01

A. Replace the existing drawing with the attached revised drawing.

B. Revisions are noted.

END OF ADDENDUM NUMBER 1

POWER NOTES (P.N.):

P.N1. ALL CONDUIT AND DEVICES IN SPACE SHALL BE SURFACE MOUNTED. COORDINATE.

P.N2. EMPTY 1/2" TO EXISTING FIRE ALARM PANEL.

P.N3. MOUNT DEVICE IN 2 GANG SURFACE MOUNTED GALVANIZED STEEL BOX.

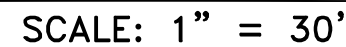
P.N4. DIV 16 SHALL FURNISH AND INSTALL 20A/250/120V CIRCUIT BREAKERS IN EXISTING SPACES 23, 25, 27, AND 29 OF EXISTING PANEL "P2". EC SHALL FURNISH AND INSTALL ONE 20A/250/240V BREAKER IN EXISTING SPACES 24 AND 26. DIV 16 SHALL FURNISH AND INSTALL AN FLUORESCENT 2-LAMP SURFACE MOUNTED BOX, 12" X 12" X 2" DEEP, 1/2" THICK, 1/2" TO EXISTING FIRE ALARM PANEL.

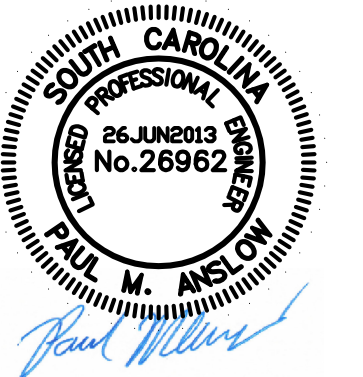
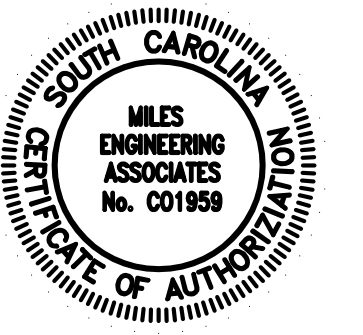
P.N5. MOUNT DEVICE A SURFACE MOUNTED GALVANIZED STEEL BOX. RECEPTACLE SHALL BE SURFACE MOUNTED BELOW NEW FIRE ALARM PANEL. LOCATION, COORDINATE EXACT RECEPTACLE LOCATION WITH LOCATION OF NEW FIRE ALARM PANEL.

- 1) ALL MATERIALS AND INSTALLATION SHALL BE IN FULL COMPLIANCE WITH 2010 INTERNATIONAL FIRE CODE, 2010 EDITION NFPA 25, 2010 EDITION NFPA 13, SC STATE FIRE MARSHAL RULES AND REGULATIONS, SCDHEC RULES AND REGULATIONS, CITY OF COLUMBIA WATER DEPARTMENT REQUIREMENTS, COLUMBIA FIRE DEPARTMENT REQUIREMENTS, AND UNIVERSITY OF SOUTH CAROLINA REQUIREMENTS.
- 2) THE UNDERGROUND LINES INFORMATION SHOWN ON THIS DRAWING WAS TAKEN FROM THE EXISTING DRAWINGS AND IS PRESENTED HERE AS A GUIDE ONLY, WITH NO WARRANTIES AS TO ACCURACY. VISIT THE SITES TO DETERMINE HOW EXISTING CONDITIONS WILL EFFECT COMPLETION OF THE WORK REQUIRED, AND INCLUDE THE CORRESPONDING COSTS IN THE PROPOSAL.
- 3) SEE SPECIFICATIONS FOR FURTHER INFORMATION.
- 4) NO SPRINKLERS TO BE INSTALLED AT 707 CATAWBA STREET UNDER THIS PROJECT. BUILDING SHOWN FOR REFERENCE - FIRE ALARM CONTROL PANEL LOCATED IN 707 CATAWBA.

- 1) IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD-VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION AND TO NOTE ANY CONFLICTS. ANY DAMAGE TO UTILITIES INCURRED DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE. UTILITIES SHOWN ON THESE DRAWINGS ARE FOR GENERAL INFORMATION ONLY AND HAVE NOT BEEN FIELD VERIFIED.
- 2) PROVIDE MINIMUM SEPARATION DISTANCES BETWEEN POTABLE WATER AND SEWER LINES AS PER TEN STATES STANDARDS:
 - * WATER OVER SEWER AT LEAST 18" VERTICAL (WHEN CROSSING) OR 10' HORIZONTAL (WHEN PARALLEL) SEPARATION,
 - * WHEN WATER LINE IS CROSSING UNDER OR OVER A SEWER LINE, PIPE MUST BE LAID SUCH THAT FULL SECTIONS OF PIPE ARE CENTERED ON THE CROSSING AND EXTEND A DISTANCE OF 10' ON EACH SIDE OF THE POINT OF CROSSING.
- 3) THE EXISTENT AND NEW UTILITY LOCATIONS MUST BE MAINTAINED DURING THE CONSTRUCTION PERIOD. DEBRIS AND LOOSE SOIL ON ADJACENT STREETS MUST BE CONTROLLED THROUGH DAILY CLEANING. DISTURBED EARTH AREAS MUST BE STABILIZED WITHIN 30 DAYS FROM COMPLETION OF EXCAVATION OR GRADING ACTIVITIES.
- 4) PAVEMENT PATCHING AND RESURFACING MUST BE COMPLETED WITHIN 5 DAYS AFTER COMPLETION OF GRADING OR EXCAVATION ACTIVITIES. SMALL PATCH AREAS CAN BE MAINTAINED WITH TEMPORARY PAVEMENT PATCHING OR STONE UNTIL PERMANENT PATCHING IS IN PLACE.
- 5) FIRE PROTECTION UNDERGROUND LINES SHALL BE INSTALLED AND TESTED IN FULL COMPLIANCE WITH NFPA 13 AND NFPA 244. LINE SHALL BE FLUSHED AT FULL FLOW BEFORE CONNECTION TO ABOVE GROUND PIPE, AND HYDRO TESTED AT 200 PSI. PROVIDE TEMPORARY 6" PIPING TO BUILDING EXTERIOR FOR FLUSHING. PROVIDE TEST AND MATERIALS CERTIFICATE TO ENGINEER AS PER NFPA 244. PERFORM STERILIZATION AND BACTERIOLOGICAL TESTING AS PER SCDEHC REGULATIONS.
- 6) WATER LINE AND HYDRANT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH PROPERTY OWNER.
- 7) MINIMUM WATER LINE COVER DEPTH = 5'
- 8) PROVIDE RESTRAINT HARNESSES AT EACH CHANGE OF WATER LINE FLOW DIRECTION, (VERTICAL OR HORIZONTAL) AND AT FIRE HYDRANTS, SEE DETAILS.
- 9) PROVIDE BACKFILL COMPACTION OF 98% STANDARD PROCTOR BENEATH PAVED AREAS. PROVIDE 95% AT UNPAVED AREAS.
- 10) UNDERGROUND PIPING SHOWN ON DRAWINGS AS D.I. SHALL BE UL-LISTED FOR FIRE SERVICE, THICKNESS CLASS 52, IN ACCORDANCE WITH ANWWA C150, MANUFACTURED IN ACCORDANCE WITH ANWWA C111, CEMENT-LINED AND BITUMINOUS SEAL-COATED IN ACCORDANCE WITH ANWWA C104.
- 11) TEES, ELBOWS, REDUCERS, AND OTHER FITTINGS SHALL BE CEMENT LINED, BITUMINOUS SEAL-COATED DUCTILE IRON UL-LISTED FOR FIRE SERVICE RATED FOR MINIMUM 200 PSI WORKING PRESSURE. THE D.I. PIPE, SHALL BE CONNECTED TO DUCTILE-IRON FITTINGS WITH THRUST RESISTING MECHANICAL JOINTS USING EBBA IRON OF EASTLAND TEXAS SERIES 1100 OR APPROVED EQUAL.
- 12) ALL STRAIGHT PIPE COUPLINGS SHALL BE RESTRAINED USING EBBA IRON OF EASTLAND TEXAS SERIES 1700 OR APPROVED EQUAL.
- 13) CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND PROCURING ALL PERMITS AND APPROVALS ASSOCIATED WITH THE WORK, SEE PROJECT SPECIFICATIONS. SEE CITY OF COLUMBIA WATER DEPARTMENT SPECIFICATIONS FOR FURTHER INFORMATION.
- 14) ALL BUSTS, NUTS, WASHERS, RODS, HARDESSES, AND FASTENERS COMPONENTS SHALL BE STAINLESS STEEL OR ASPHALT SEAL-COATED.
- 15) THE EQUIPMENT AND QUALITY OF DRINKING WATER BEING PROVIDED WILL BE PROVIDED TO DETERMINE THE LEVEL OF QUALITY OF EQUIPMENT REQUIRED FOR THIS PROJECT. IT IS IN NO WAY INTENDED TO LIMIT COMPETITION OR REQUIRE SOLE SOURCE PROCUREMENT. SUBSTITUTIONS MUST BE SUBMITTED FOR APPROVAL A MINIMUM OF FIVE DAYS PRIOR TO BID DATE.
- 16) CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND PROCURING ALL PERMITS AND APPROVALS ASSOCIATED WITH THE WORK. 1
- 17) 8" CITY WATER MAIN NOTED FROM CITY OF COLUMBIA DRAWINGS; LOCATION IS APPROXIMATED.
- 18) CONTRACTOR SHALL CALL P.U.P.S. AND WAIT THE REQUIRED MINIMUM TIME BEFORE COMMENCING DIGGING.

SCALE: no scale

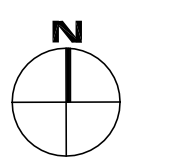




date
JUNE 07, 2013

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key plan



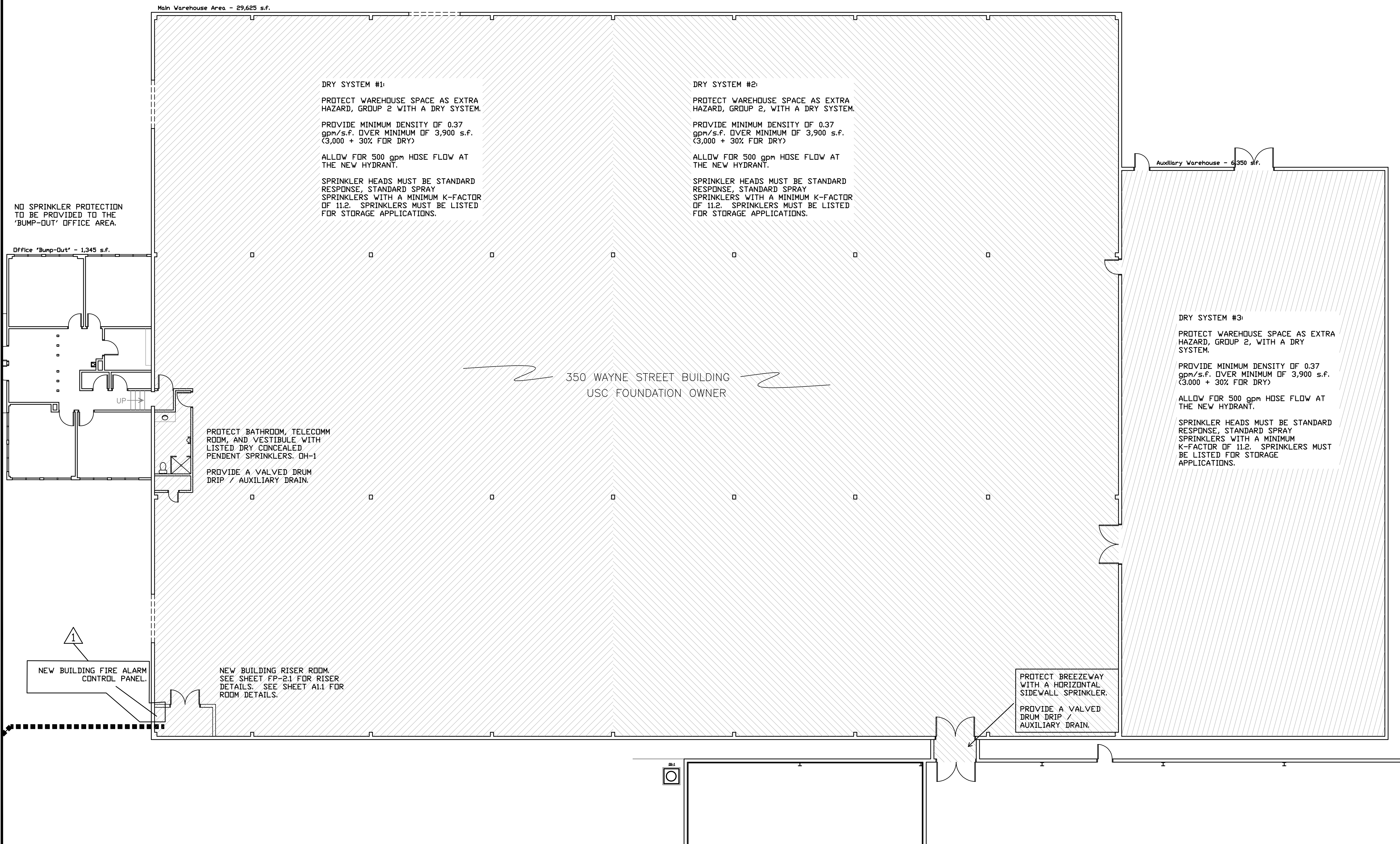
sheet number

FP-2.0

drawn by **pma**
checked by **pma**

- 1) PROTECT AS NOTED
- 2) FIRE ALARM - NEW DEVICES TO BE CONNECTED TO EXISTING FIRE ALARM PANEL IN ADJACENT BUILDING (707 CATAWBA STREET)

SCALE: $1/8" = 1'-0"$



University of South Carolina- Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name & Number: 350 Wayne Fire Protection Upgrades/H27-Z099
Pre Bid Date & Time: June 18, 2013 @10 am

Name	Company	Address	Phone #	Email
Lee Hammersta	Hammer Construction	785 Hampton Creek Way Columbia, S.C. 29209	803-783-7033 803-783-7035 (Fax)	lee@hammerconstructioncompany.com
Paul Anslow	Miles Engineering	PO Box 732 Bly, The Wood SC 29016	803-786-2596	panslow@milesengr.com
Ulaguana Brookins	USC-Facilities	743 Greene St. Columbia SC	803-777-3576	jbrookin@fmc.sc.edu
Troy Green	USC - Facilities	" "	803-777-8056	tgreen@fmc.sc.edu

* Please make sure you list your company name as registered with LLR.
* By signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.