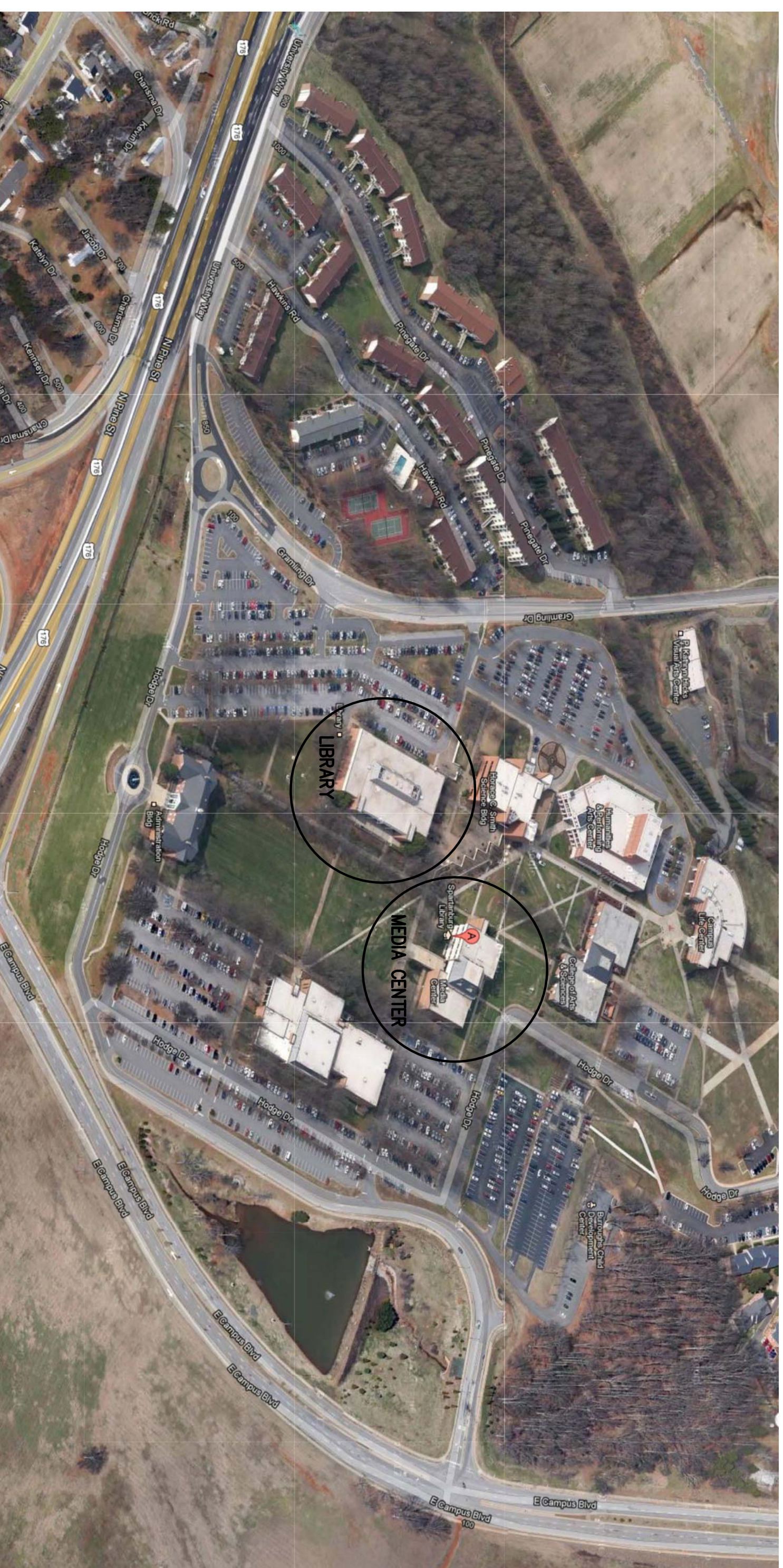


# UNIVERSITY OF SOUTH CAROLINA UPSTATE MEDIA AND LIBRARY BUILDING ELEVATOR RECALL REPLACEMENT

SPARTANBURG, SOUTH CAROLINA



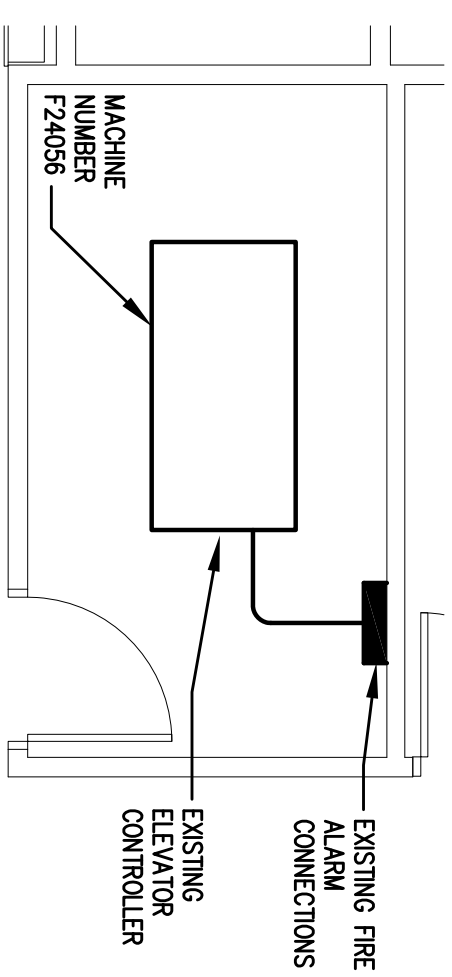
S.C. PROJECT NO.



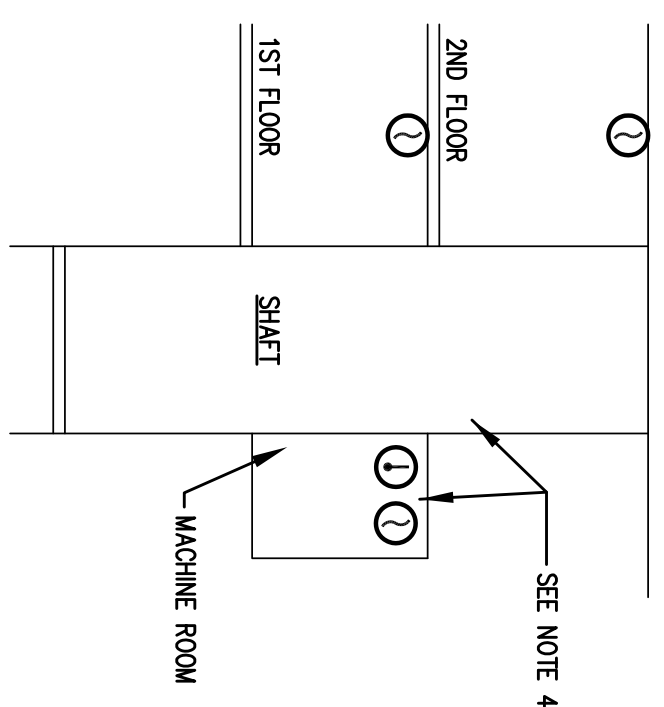
USC UPSTATE MEDIA AND LIBRARY BUILDING  
800 UNIVERSITY WAY  
SPARTANBURG, SC 29303  
(864)503-5620

DRAWING LIST:	
TO1	TITLE SHEET
E11	ELECTRICAL ELEVATOR PLANS

SHEET NUMBER <b>TO1</b> 1 OF 2 SHEETS	UNIVERSITY OF SC UPSTATE <b>MEDIA &amp; LIBRARY BLDG'S</b> ELEVATOR RECALL REPLACEMENT SC PROJECT NO. SPARTANBURG, SOUTH CAROLINA	PROJECT NO. 13860C	REVISION A ISSUE FOR REVIEW	DATE 2/20/14	BY DJB	102 PILGRIM ROAD GREENVILLE, SC 29607 (864)297-8717 TEL (864)297-8719 FAX		
		DATE 02.20.2014	DRAWN BY TMP/JDV	CHECKED BY DJB				



**B** ELECTRICAL ENLARGED POWER PLAN  
SCALE: 1/4" = 1'-0"

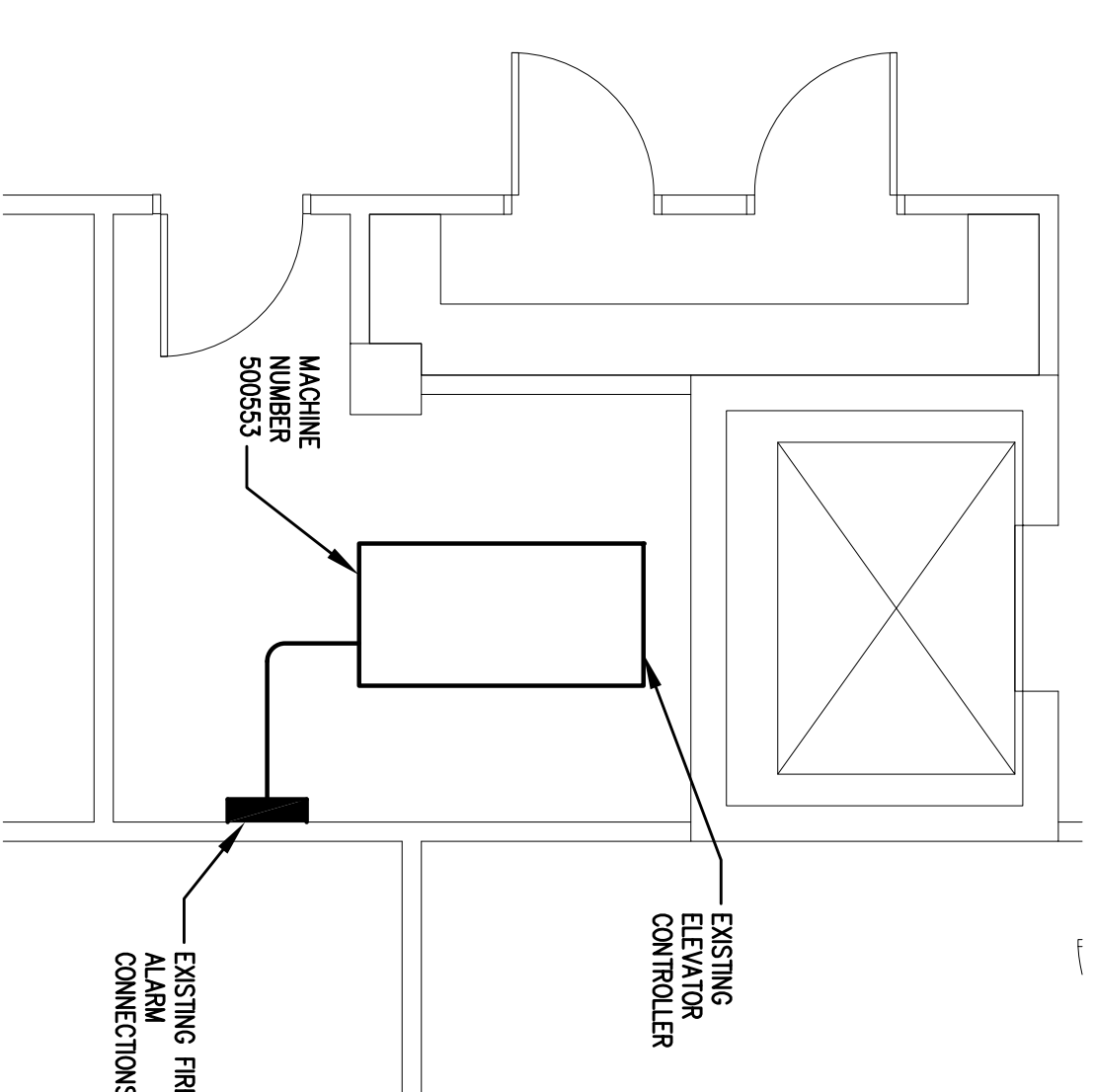


- ELEVATOR RECALL/FIRE ALARM SEQUENCE:
1. INSPECTOR SHALL REVIEW AND CORROBORATE WITH ELEVATOR MANUFACTURER'S DRAWINGS REQUIRED TO ATTAIN PROPER OPERATIONS.
  2. UPON SENSING SMOKE FROM ANY OF THE LOBBY, SHAFR OR MACHINE ROOM MAKE DETECTORS, BRING ELEVATOR TO DETECTOR IS ON MAIN RECALL LEVEL, BRING TO ALTERNATE RECALL LEVEL, COORDINATE EXACT LEVELS WITH AUTHORITY HAVING JURISDICTION.
  3. UPON HEAT DETECTION BY HEAT DETECTORS IN SHAFR OR MACHINE ROOM, BRING ELEVATOR TO RECALL FLOOR, THEN SHUNT TRIP MACHINE BREAKER AND CONTROL CIRCUIT BREAKER, COORDINATE WITH SPRINKLER CONTRACTOR.
  4. PROVIDE GENERAL ALARM TO FIRE ALARM PANEL WHEN ANY DETECTOR IS ACTIVATED. ALL DETECTORS SHOWN SHALL HAVE ADJUNCT CONTACTS.
  5. NO DEVICES ARE TO BE LOCATED IN ELEVATOR SHAFR UNLESS STRIKED.

- ELECTRICAL GENERAL NOTES:**
1. 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.
  2. CONFORM TO THE NATIONAL ELECTRICAL CODE (NEC), IBC (2009), APPLICABLE NFPA, ANSI AND IEEE PUBLICATIONS, ILL AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION. QUALITY AND UT LABEL.
  3. FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UT LABEL.
  4. VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACKINGS. CONTRACTOR IS RESPONSIBLE FOR CORROBORATION OF WORK WITH THAT OF ALL OTHER TRADES AS REQUIRED.
  5. CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC, EXCEPT THAT SET SCREW OR CLAMP FITTINGS ARE NOT ALLOWED. ALL CONDUCTORS TO BE PER MANUFACTURER'S REQUIREMENTS.
  6. ALL ENCLOSURES SHALL BE OF THE NEMA TYPE WHICH IS SUITABLE FOR THE APPLICATION.
  7. 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 OWNER'S PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
  8. 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 REMOVED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
  9. 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.
  10. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SPECIFIC REQUIREMENTS OF 2012 IBC.

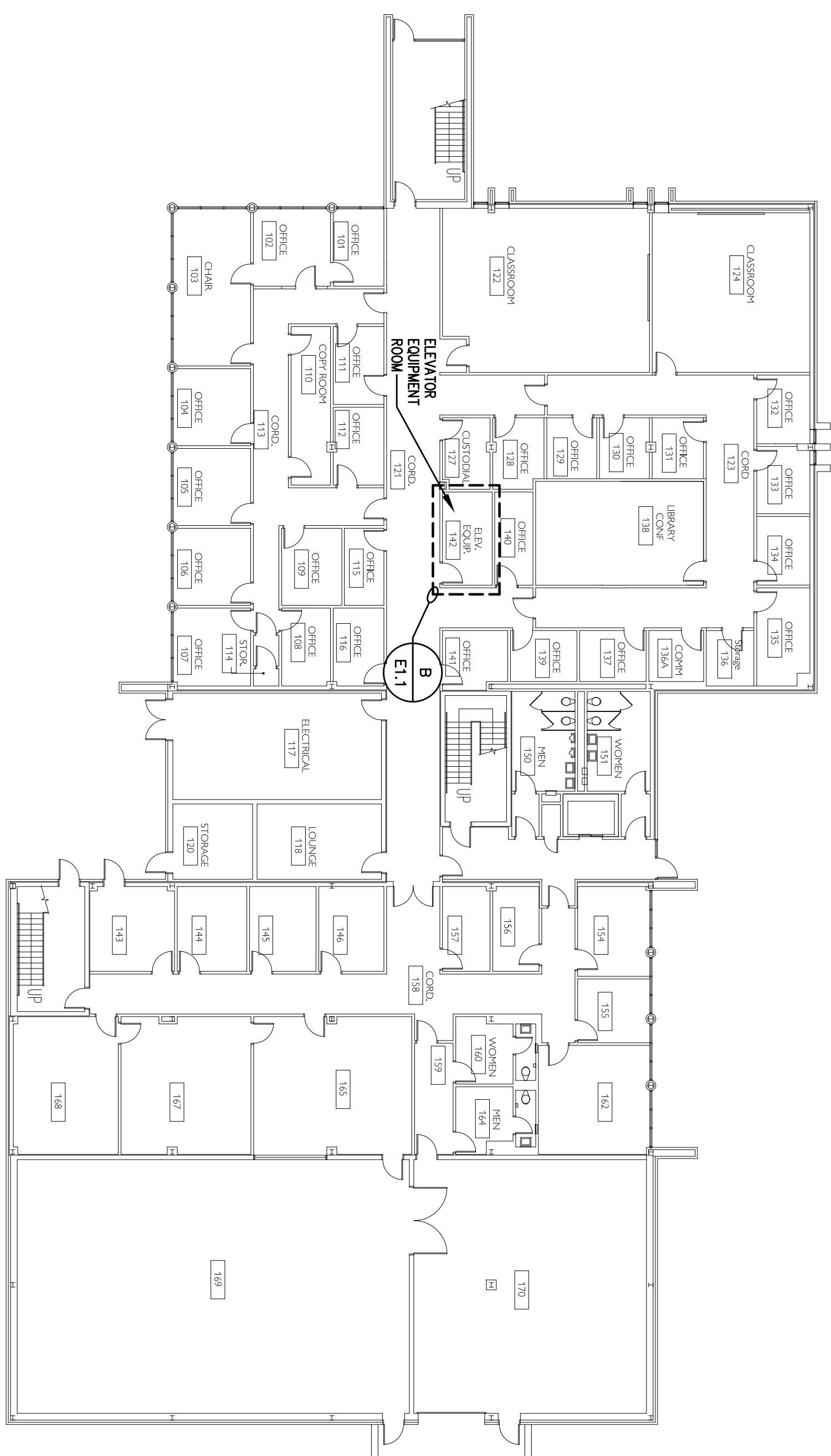
**ABBREVIATIONS:**

AFF	ABOVE FINISH FLOOR	MFR	MANUFACTURER
ACH	ABOVE COUNTER HEIGHT	NTS	NOT TO SCALE
BKR	BREAKER	PNL	PANEL
CU	COPPER	RCPT	RECEPTACLE (R)
CKT	CIRCUIT	RECD	REQUIRED
DWG	DRAWING	SW	SWITCH
EC	ELECTRICAL CONTRACTOR	UNO	UNLESS NOTED OTHERWISE
FNE	FURNISHED WITH EQUIPMENT	W/	WITH

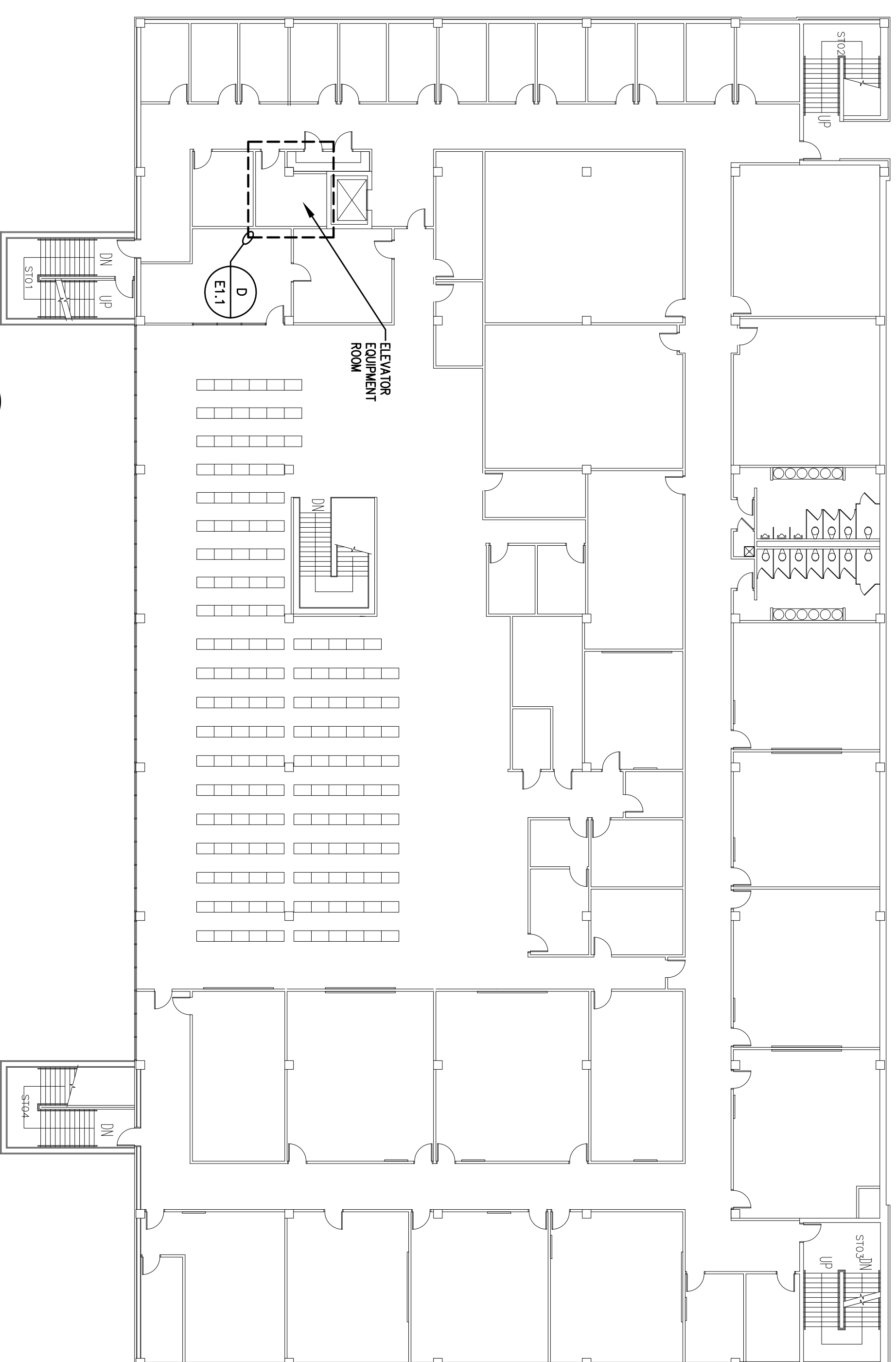


**D** ELECTRICAL ENLARGED POWER PLAN  
SCALE: 1/4" = 1'-0"

- SCOPE OF WORK:**
1. INSTALL OVERLAY TO CONTROLS OF EXISTING ELEVATORS IN MEDIA CENTER AND LIBRARY TO ACCOMPLISH ELEVATOR RECALL FOR THE TWO EXISTING ELEVATORS. COORDINATE WITH OWNER'S FIRE ALARM SYSTEM CONTRACTOR FOR INSTALLATION AND CONNECTIONS FOR A COMPLETE AND OPERATIONAL SYSTEM PER IBC, ANSI 1171 AND SEQUENCE SHOWN IN DETAIL 'E'. THE FIRE ALARM SYSTEM FOR EACH BUILDING HAS RECALL IN EACH ROOM AND HAS CONNECTION POINTS AVAILABLE FOR RECALL IN EACH ROOM. THE FIRE ALARM WORK IS NOT PART OF THIS CONTRACT.
  2. PROVIDE TEST ON COMPLETED SYSTEM WITH FIRE MARSHAL AND OWNER.



**A** MEDIA CENTER FIRST FLOOR PLAN  
SCALE: 1/16" = 1'-0"



**C** LIBRARY 2ND FLOOR PLAN  
SCALE: 1/16" = 1'-0"

<p><b>UNIVERSITY OF SC UPSTATE</b> <b>MEDIA &amp; LIBRARY BLDG'S</b></p> <p><b>UPSTATE</b> USC ELEVATOR RECALL REPLACEMENT SC PROJECT NO. SPARTANBURG, SOUTH CAROLINA</p>	<p>PROJECT NO. 13860C</p>	<p>REVISION</p> <table border="1"> <tr> <th>A</th> <th>ISSUE FOR REVIEW</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td></td> <td></td> <td>2/20/14</td> <td>DJB</td> </tr> </table>	A	ISSUE FOR REVIEW	DATE	BY			2/20/14	DJB	<p><b>BURDETTE ENGINEERING</b></p> <p>102 PILGRIM ROAD GREENVILLE, SC 29607</p> <p>(864)297-8717 TEL (864)297-8719 FAX</p>
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<p>SHEET NUMBER</p> <p><b>E1.1</b></p> <p>2 OF 2 SHEETS</p>											