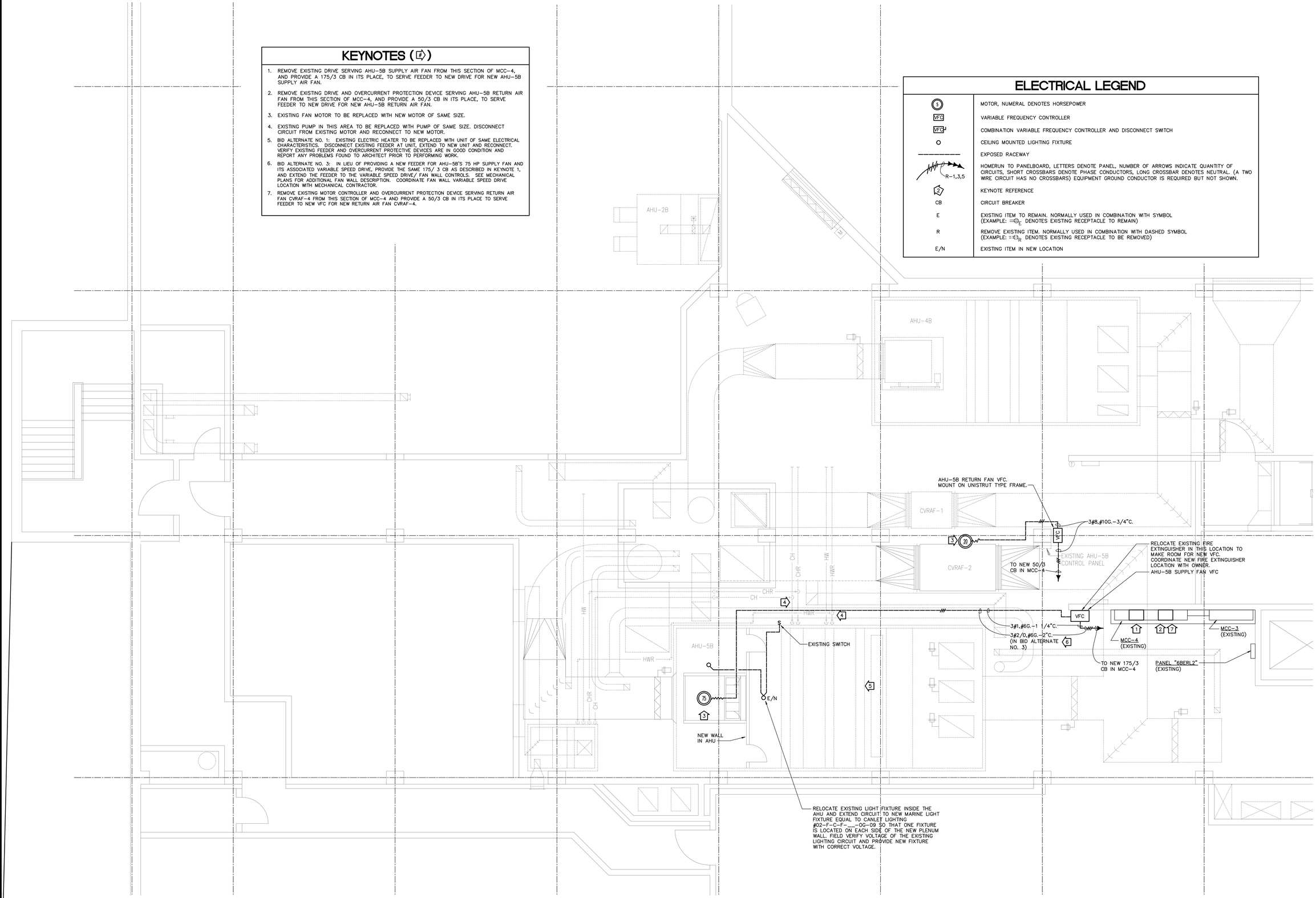
KEYNOTES (#)

1. REMOVE EXISTING DRIVE SERVING AHU-5B SUPPLY AIR FAN FROM THIS SECTION OF MCC-4, AND PROVIDE A 175/3 CB IN ITS PLACE, TO SERVE FEEDER TO NEW DRIVE FOR NEW AHU-5B SUPPLY AIR FAN.
2. REMOVE EXISTING DRIVE AND OVERCURRENT PROTECTION DEVICE SERVING AHU-5B RETURN AIR FAN FROM THIS SECTION OF MCC-4, AND PROVIDE A 50/3 CB IN ITS PLACE, TO SERVE FEEDER TO NEW DRIVE FOR NEW AHU-5B RETURN AIR FAN.
3. EXISTING FAN MOTOR TO BE REPLACED WITH NEW MOTOR OF SAME SIZE.
4. EXISTING PUMP IN THIS AREA TO BE REPLACED WITH PUMP OF SAME SIZE. DISCONNECT CIRCUIT FROM EXISTING MOTOR AND RECONNECT TO NEW MOTOR.
5. BID ALTERNATE NO. 1: EXISTING ELECTRIC HEATER TO BE REPLACED WITH UNIT OF SAME ELECTRICAL CHARACTERISTICS. DISCONNECT EXISTING FEEDER AT UNIT, EXTEND TO NEW UNIT AND RECONNECT. VERIFY EXISTING FEEDER AND OVERCURRENT PROTECTIVE DEVICES ARE IN GOOD CONDITION AND REPORT ANY PROBLEMS FOUND TO ARCHITECT PRIOR TO PERFORMING WORK.
6. BID ALTERNATE NO. 3: IN LIEU OF PROVIDING A NEW FEEDER FOR AHU-5B'S 75 HP SUPPLY FAN AND ITS ASSOCIATED VARIABLE SPEED DRIVE, PROVIDE THE SAME 175/ 3 CB AS DESCRIBED IN KEYNOTE 1, AND EXTEND THE FEEDER TO THE VARIABLE SPEED DRIVE/ FAN WALL CONTROLS. SEE MECHANICAL PLANS FOR ADDITIONAL FAN WALL DESCRIPTION. COORDINATE FAN WALL VARIABLE SPEED DRIVE LOCATION WITH MECHANICAL CONTRACTOR.
7. REMOVE EXISTING MOTOR CONTROLLER AND OVERCURRENT PROTECTION DEVICE SERVING RETURN AIR FAN CVRAF-4 FROM THIS SECTION OF MCC-4 AND PROVIDE A 50/3 CB IN ITS PLACE TO SERVE FEEDER TO NEW VFC FOR NEW RETURN AIR FAN CVRAF-4.

ELECTRICAL LEGEND

(S)	MOTOR, NUMERAL DENOTES HORSEPOWER
VFC	VARIABLE FREQUENCY CONTROLLER
VFC	COMBINATION VARIABLE FREQUENCY CONTROLLER AND DISCONNECT SWITCH
○	CEILING MOUNTED LIGHTING FIXTURE
————	EXPOSED RACEWAY
R-1,3,5	HOMERUN TO PANELBOARD, LETTERS DENOTE PANEL, NUMBER OF ARROWS INDICATE QUANTITY OF CIRCUITS, SHORT CROSSBARS DENOTE PHASE CONDUCTORS, LONG CROSSBAR DENOTES NEUTRAL. (A TWO WIRE CIRCUIT HAS NO CROSSBARS) EQUIPMENT GROUND CONDUCTOR IS REQUIRED BUT NOT SHOWN.
2	KEYNOTE REFERENCE
CB	CIRCUIT BREAKER
E	EXISTING ITEM TO REMAIN. NORMALLY USED IN COMBINATION WITH SYMBOL (EXAMPLE: =⊖E DENOTES EXISTING RECEPTACLE TO REMAIN)
R	REMOVE EXISTING ITEM. NORMALLY USED IN COMBINATION WITH DASHED SYMBOL (EXAMPLE: =⊖R DENOTES EXISTING RECEPTACLE TO BE REMOVED)
E/N	EXISTING ITEM IN NEW LOCATION



RENOVATION - 6TH FLOOR ELECTRICAL PLAN WEST

1/4"=1'-0"

REVISIONS:

PROJECT #:	24308.00
DATE:	MARCH 3, 2014
DRAWN BY:	CH
DESIGNER:	CH
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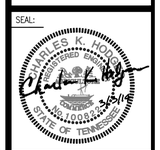

SHEET NUMBER:

E-130

DESCRIPTION:

RENOVATION – 6TH FLOOR ELECTRICAL PLAN WEST

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