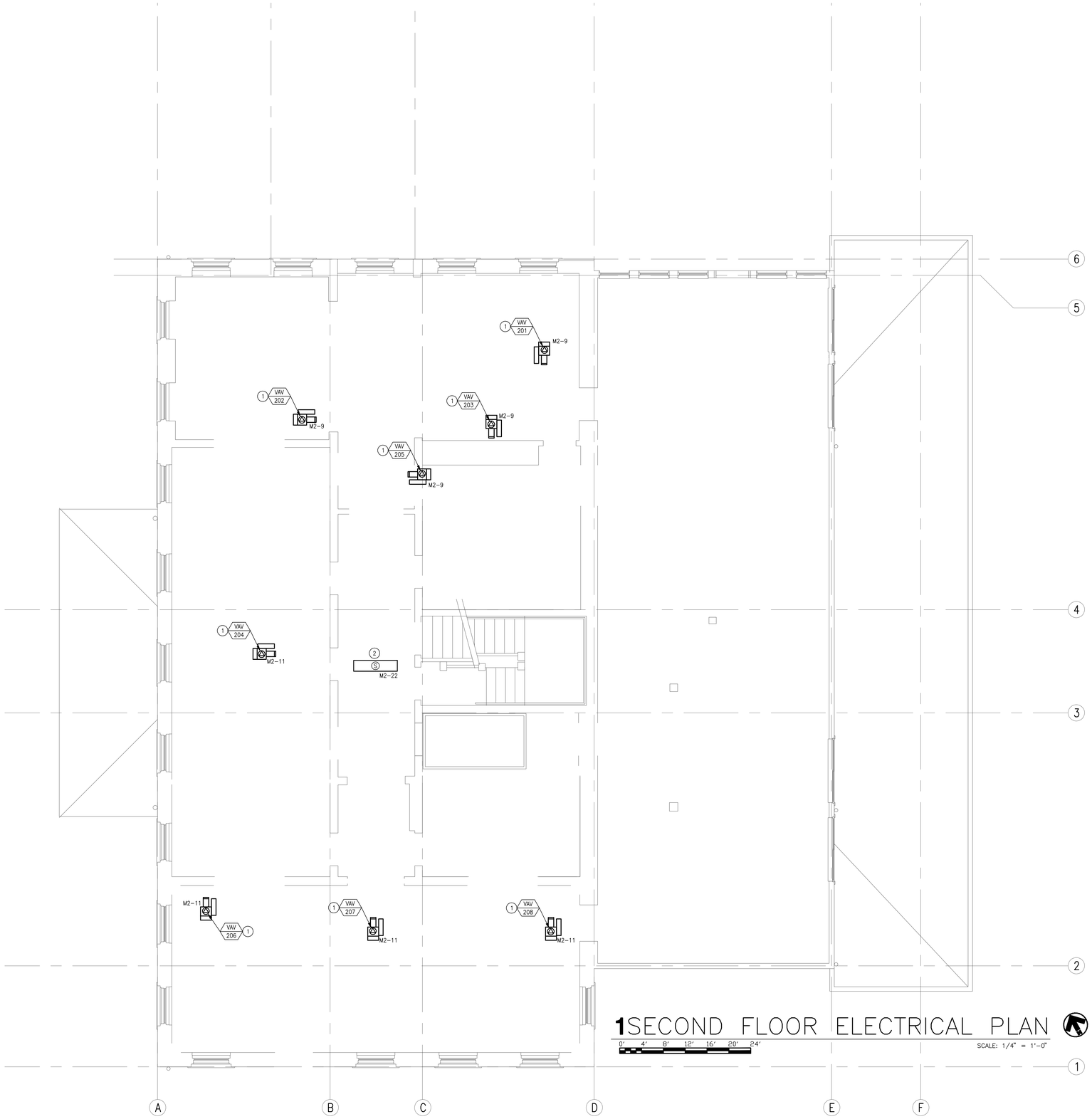

1 SECOND FLOOR ELECTRICAL PLAN

0' 4' 8' 12' 16' 20' 24'

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. FURNISH AND INSTALL POWER WIRING AND MAKE ELECTRICAL CONNECTIONS FROM BUILDING WIRING SYSTEM TO ALL EQUIPMENT ITEMS HAVING ELECTRICAL POWER REQUIREMENTS, BE THEY FURNISHED UNDER THIS DIVISION OR OTHER DIVISIONS OF THE CONSTRUCTION DOCUMENTS.

B. MAKE ALL CONNECTIONS TO EQUIPMENT PER MANUFACTURER'S REQUIREMENTS.

C. CONDUITS AND BOXES SHALL BE SURFACE MOUNTED TIGHT TO EXISTING WALLS AND CEILING STRUCTURE. ROUTE PARALLEL WITH BUILDING ELEMENTS.

D. COORDINATE WITH MECHANICAL AND PROVIDE ALL LINE VOLTAGE POWER AND INTERLOCK CONDUIT, CONDUCTORS AND TERMINATIONS FOR FULLY OPERATIONAL SYSTEMS.

E. COORDINATE WITH MECHANICAL FOR CONTROL LOCATIONS, PROVIDE DEVICE BOXES, JUNCTION BOXES AND CONDUIT FOR CONTROL WIRING. CONTROL WIRING AND CONNECTIONS FOR MECHANICAL EQUIPMENT SHALL BE BY CONTROLS CONTRACTOR.

F. PROVIDE BRANCH CIRCUIT PROTECTION AND DISCONNECT SWITCHES REQUIRED BY CODE AND PER MANUFACTURER'S INSTRUCTIONS. PROVIDE FUSED DISCONNECT AS REQUIRED BY MANUFACTURER AND WHERE SHOWN ON DRAWINGS.

G. FURNISH AND INSTALL MOTOR STARTERS, DISCONNECTS AND FUSES AS REQUIRED BY EQUIPMENT RATINGS AND MANUFACTURERS RECOMMENDATIONS. CONTRACTOR SHALL COORDINATE WITH MECHANICAL PRIOR TO INSTALLATION OF DISCONNECTS AS TO NOT CONFLICT WITH MECHANICAL EQUIPMENT WORKING CLEARANCES.

H. ALL LIGHT FIXTURES SHALL BE 120 VOLT, UNLESS OTHERWISE NOTED.

I. ALL EXIT SIGNS SHALL BE CONNECTED TO LOCAL UNSWITCHED LIGHTING CIRCUIT.

J. EMERGENCY LIGHT FIXTURES DESIGNATED WITH 'EM' SHALL BE CONTROLLED WITH WALL SWITCHES OR LIGHTING CONTROLS AS INDICATED.

K. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE COORDINATED WITH OTHER TRADES.

L. SEE SHEET E4.1 FOR ELECTRICAL DETAILS.

SHEET NOTES:

1. VAV BOX BY MECHANICAL. FURNISH AND INSTALL ALL ELECTRICAL AS REQUIRED AND AS DIRECTED BY MECHANICAL AND CONTROLS CONTRACTOR. SEE SHEET E2.0 FOR CONTROL POWER CIRCUITS AT DDC CONTROL CABINET.

2. INSTALL FIXTURE HIGH IN CEILING CAVITY AND LOCATE TO PROVIDE GENERAL LIGHT TO THE SPACE. FURNISH AND INSTALL 3/4"C-3#12, CONNECT TO CIRCUIT M2-22.

95% SUBMISSION

REVISIONS | DATE

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CONSTRUCTION

DRAWING TITLE: SECOND FLOOR ELECTRICAL PLAN

PROJECT TITLE: VAMC ENERGY UPGRADES PHASE ONE BUILDING 33

DATE: 03/03/11

PROJECT NO.: 531-10-114

APPROVED: DIVISION CHIEF

BUILDING NUMBER: 33 | CHECKED: AKD | DRAWN: DJP

DRAWING NO.: E2.2

APPROVED: SERVICE DIRECTOR

LOCATION: BOISE, IDAHO

DWG. 28 OF 32

DEPARTMENT OF VETERANS AFFAIRS

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