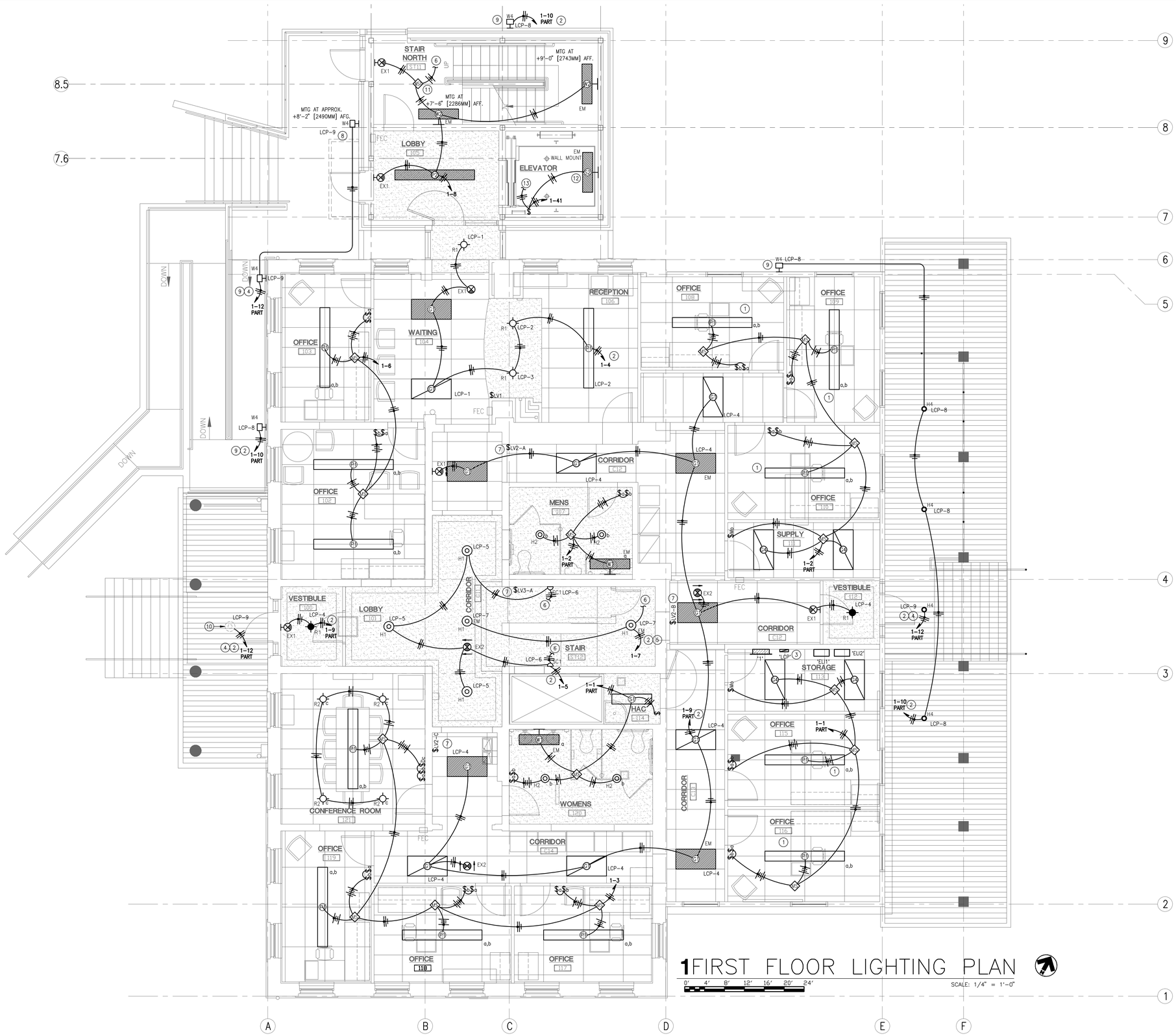

1 FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES:

A. ALL LIGHTS FIXTURES SHALL BE 120 VOLT, UNLESS OTHERWISE NOTED.

B. SHADED FIXTURE SHALL BE EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP. BATTERY CONNECTED TO LOCAL UNSWITCHED LIGHTING CIRCUIT. CONNECT FIXTURE FOR CONTINUOUS OPERATION AS NIGHT LIGHT, UON. 'EM' DESIGNATES FIXTURE TO BE SWITCHED WHERE INDICATED ON PLANS.

C. ALL EXIT SIGNS AND NIGHT LIGHTS SHALL BE WIRED FOR CONTINUOUS OPERATION.

D. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

E. (1) EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

F. FURNISH AND INSTALL 1000W RATED DIMMER SWITCH FOR CONTROL OF LIGHT FIXTURES AS INDICATED. DERATING IS REQUIRED IF MULTI-GANGED AND CONTROL FINS/SIDE SECTIONS ARE REMOVED. COORDINATE WITH DIMMER SWITCH MANUFACTURER'S INSTALLATION REQUIREMENTS.

G. COORDINATE ALL UNDER CABINET LIGHTING WITH MILLWORK BEING INSTALLED AND ARCHITECTURAL ELEVATIONS. CONTRACTOR SHALL CONCEAL ALL CONDUIT.

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

I. FURNISH AND INSTALL (1)3/4"C WITH PLASTIC BUSHING AND PULL STRING FROM EACH LOW VOLTAGE LIGHTING CONTROL SWITCH TO ACCESSIBLE SPACE ABOVE CEILING FOR LOW VOLTAGE RELAY WIRING.

SHEET NOTES:

1. MOUNT BOTTOM OF FIXTURE SUSPENDED FROM CEILING AT +7'-3" [2210mm] AFF.
2. PROVIDE LIGHTING CONTROL PANEL 'LCP' RELAY SWITCH LEGS PER RELAY SCHEDULE ON SHEET E0.3.
3. MOUNT EMERGENCY LIGHTING INVERTERS ABOVE LIGHTING CONTROL PANEL 'LCP' ON WALL.
4. ROUTE EXTERIOR LIGHT FIXTURE CIRCUIT VIA 'LCP' LIGHTING CONTROL PANEL AND 'ELP2' EMERGENCY BATTERY INVERTER FOR EGRESS EXIT DISCHARGE PER SCHEDULE ON SHEET E0.3.
5. ROUTE INTERIOR LIGHT FIXTURE CIRCUIT VIA 'LCP' LIGHTING CONTROL PANEL AND 'ELP1' EMERGENCY BATTERY INVERTER FOR EGRESS EXIT DISCHARGE PER SCHEDULE ON SHEET E0.3.
6. FOR CONTINUATION OF CIRCUIT IN STAIRWELL, SEE SHEETS E2.6, E2.7 AND E4.2.
7. FURNISH AND INSTALL LOW VOLTAGE WALLSTATION FOR OVERRIDE CONTROL OF NORMAL AND EMERGENCY POWER IN HALLWAY AND CORRIDOR LIGHTS. CIRCUIT AS INDICATED. SEE CONTROL DIAGRAMS SHEET E0.3.
8. MOUNT CENTER OF LIGHT FIXTURE ON WALL IN BETWEEN DOORS AND AT AN ELEVATION AT THE CENTER OF THE SOFFIT. COORDINATE WITH SOFFIT INSTALLER AND ARCHITECTURAL PRIOR TO ROUGH-IN.
9. MOUNT EXTERIOR WALL LIGHT FIXTURE AT LOCATION INDICATED AND AT ELEVATION ON BUILDING AS THE LIGHT FIXTURE NOTED IN SHEET NOTE 8. ALL EXTERIOR WALL MOUNTED FIXTURES SHALL BE AT THE SAME ELEVATION.
10. EXISTING HISTORICAL LIGHT FIXTURE. CLEAN, REFURBISH AND RE-LAMP HISTORICAL LIGHT FIXTURE. CIRCUIT AS INDICATED.
11. LINE VOLTAGE MOTION SENSOR/PHOTOCELL. PHOTOCELL SHALL HAVE AUTO SET-POINT CALIBRATION, TWO SELECTABLE MODES OF OPERATION:
    - ON/OFF MODE: PHOTOCELL HAS FULL CONTROL DURING PERIODS OF OCCUPANCY.
    - INHIBIT MODE: PHOTOCELL CAN PREVENT LIGHTS FROM TURNING ON IF ADEQUATE DAYLIGHT IS AVAILABLE, BUT CAN NOT TURN LIGHTS OFF.

    AUTO SET STAIR MOTION SENSOR TO - ON/OFF MODE.
12. ELEVATOR PIT LIGHT FIXTURE SHALL BE WALL MOUNTED 12" BELOW LOWEST POINT OF ELEVATOR TRAVEL. WALL MOUNTED SWITCH ADJACENT TO LADDER. COORDINATE ALL REQUIREMENTS WITH ELEVATOR PIT INSTALLER AND NEC CODE.
13. CONNECT TO RECEPTACLE. SEE SHEET E2.1 FOR CONTINUATION.

95% SUBMISSION

REVISIONS | DATE

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DRAWING TITLE: FIRST FLOOR LIGHTING PLAN

APPROVED: DIVISION CHIEF

APPROVED: SERVICE DIRECTOR

PROJECT TITLE: VAMC RENOVATE BUILDING 33

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

LOCATION: BOISE, IDAHO

DATE: 03/04/11

PROJECT NO. 531-10-114

DRAWING NO. E2.5

DWG. 86 OF 102

DEPARTMENT OF VETERANS AFFAIRS

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