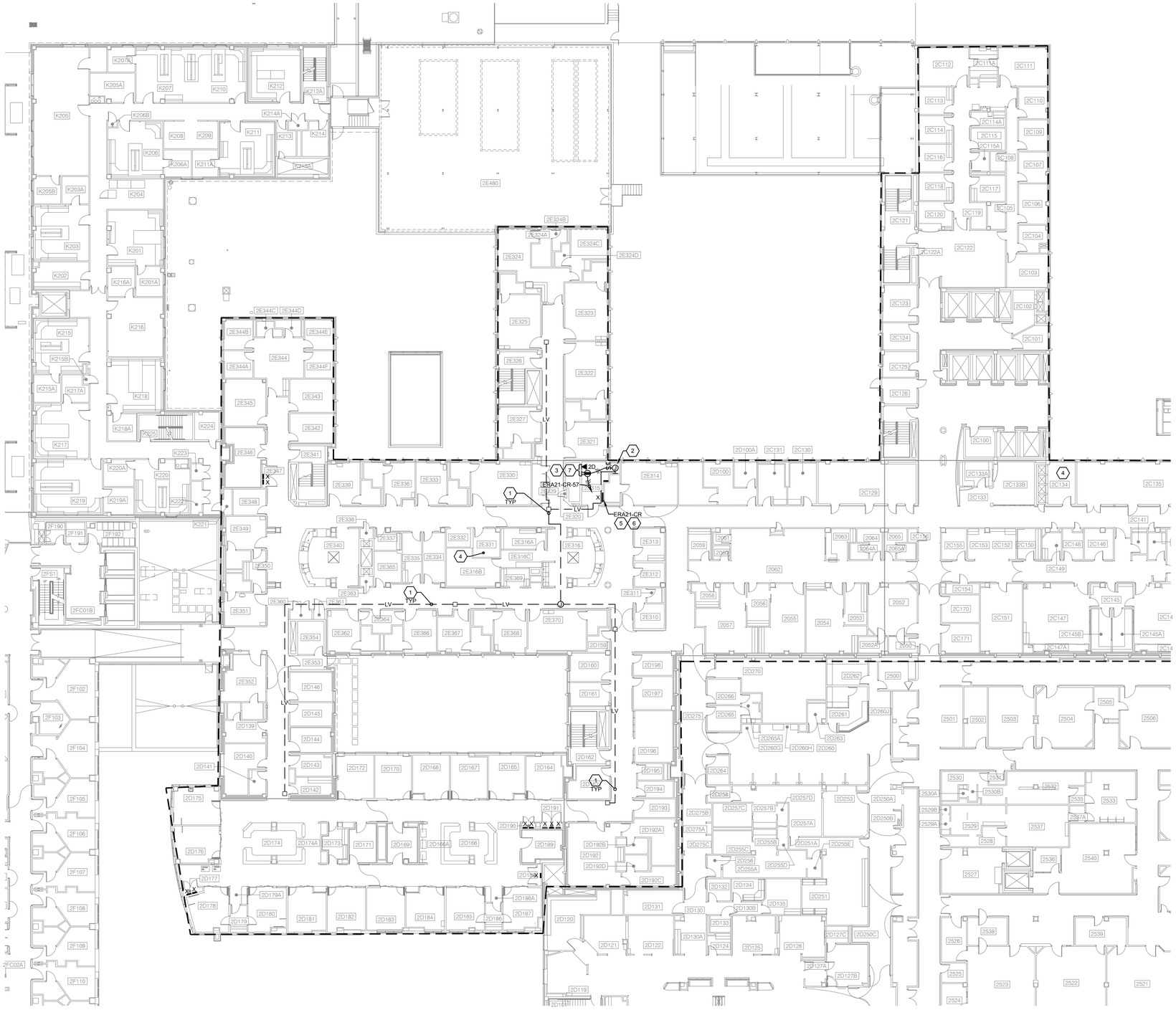


PARTIAL SECOND FLOOR ELECTRICAL PLAN - AREA A (1)

SCALE: 1/16" = 1'0"

0' 8' 16' 32' 64'

SECOND FLOOR KEY PLAN (2)

NOT TO SCALE

## CODED NOTES:

1. PROVIDE 2 #16AWG UNSHIELDED PLENUM CABLE (CL2P RATING OR BETTER) FROM TRANSFORMER SECONDARY TO WIRELESS REPEATERS. ROUTE CABLING ABOVE FINISHED CEILING WITH NEW BRIDLE RING OR J-HOOK SUPPORTS ON 4' CENTERS. ALL PENETRATIONS THROUGH EXISTING WALLS, SHALL BE INSTALLED IN 3/4" CONDUIT SLEEVES TO MAINTAIN FIRE/SMOKE RATING
2. PROVIDE 500VA -120V:24VAC TRANSFORMER(S), MOUNTED IN LOCKABLE ENCLOSURE IN ELECTRICAL ROOM TO POWER WIRELESS ACCESS POINTS (WIRELESS REPEATERS). FIELD VERIFY EXACT MOUNTING LOCATION WITH COR PRIOR TO ROUGH-IN. PROVIDE TYPED ADHESIVE LABEL READING "WIRELESS TEMPERATURE CONTROL POWER SUPPLY".
3. PROVIDE CONTROLLER WITH WIRELESS USB HUB. CONTRACTOR SHALL MOUNT DIRECTLY TO WALL OR PROVIDE WALL SHELF. FIELD VERIFY AVAILABLE LOCATION WITHIN ROOM. CONTRACTOR SHALL PROVIDE 120V-1P EMERGENCY CIRCUIT AND SURFACE MOUNTED DUPLEX RECEPTACLE MOUNTED ADJACENT TO CONTROLLER.
4. LOCATION OF EXISTING ANDOVER NETWORK SWITCH INDICATED FOR REFERENCE.
5. PROVIDE UPDATED PANEL LOAD SCHEDULES.
6. PROVIDE A 20A-1P BREAKER IN EXISTING PROVISION TO FEED NEW LOAD.
7. PROVIDE 2-PORT SURFACE MOUNTED DATA OUTLET MOUNTED ADJACENT TO CONTROLLER. PROVIDE (2) CAT6 CABLES (1 SPARE) FROM EXISTING ANDOVER NETWORK SWITCH INDICATED ON DRAWINGS AND CONNECT COMPLETE. COORDINATE WORK WITH COR.

## GENERAL NOTES:

A. ACCESS TO ROOMS SHALL BE SCHEDULED WITH VA COR AND DEPARTMENT STAFF. SUBMIT PROPOSED SCHEDULE TO VA FOR REVIEW WITHIN 10 BUSINESS DAYS OF NOTICE TO PROCEED. AREAS CONSIDERED CRITICAL OR LIMITED AVAILABILITY SHALL BE COORDINATED WITH THE VA DURING THE DEVELOPMENT OF THE SCHEDULE.

B. FINAL QUANTITIES AND LOCATIONS OF WIRELESS REPEATERS SHALL BE DETERMINED BY THE CONTRACTOR AND VENDOR IN ORDER TO GUARANTEE A FULLY FUNCTIONAL SYSTEM.

C. CONTRACTOR TO DOCUMENT THE LOCATION OF ALL TRANSFORMERS ON AS-BUILT DRAWINGS.

FOR CONSTRUCTION

FULLY SPRINKLERED

| Revisions: | Date |
|---|---|
| Bid Issue | 03-30-15 |

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Drawing Title: **PARTIAL SECOND FLOOR ELECTRICAL PLAN - AREA A**

Approved: Project Director

Project Title: **CONVERT PNEUMATIC VAV BOXES TO DDC CONTROL**

Location: **VAMC - WADE PARK**

Date: 03-30-15 | Checked: LDH | Drawn: TWM

Project Number: 541-15-202

Building Number: 1

Drawing Number: **1-E4A**

Dwg. of

**Office of Facilities Management**

Department of Veterans Affairs

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