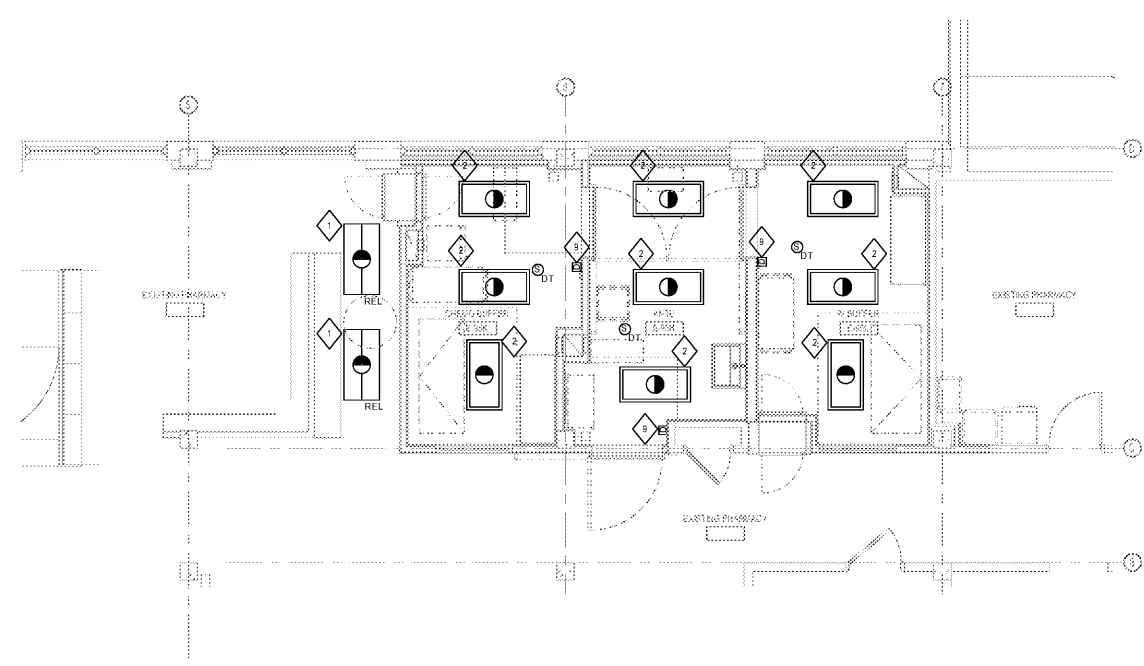
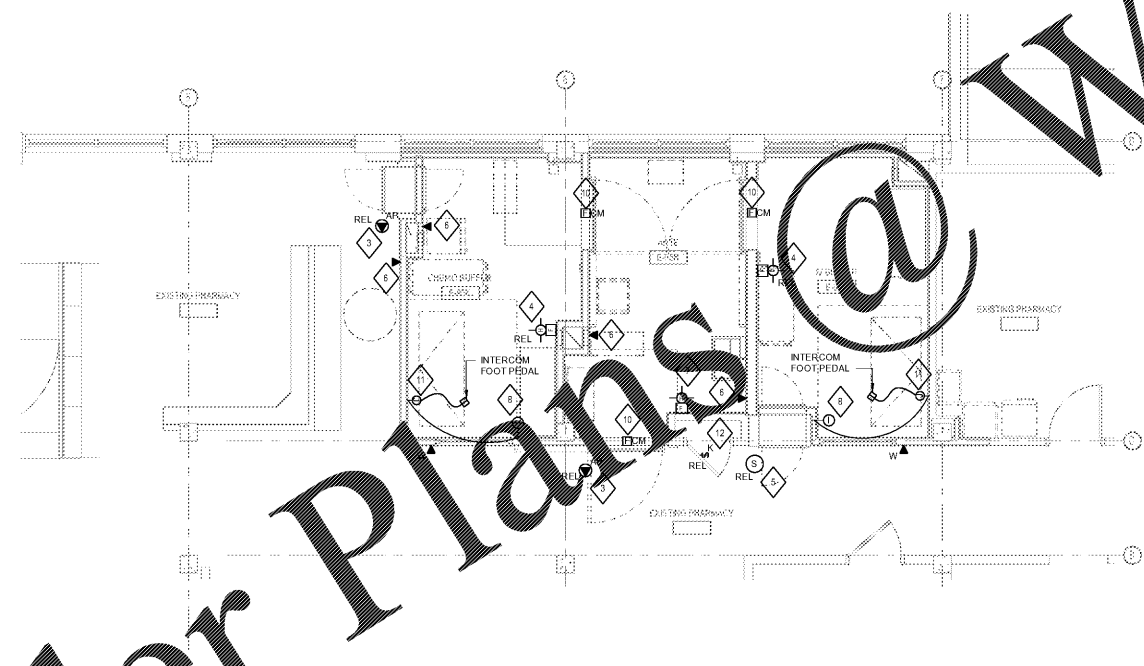


A  
B  
C  
D  
E  
F  
T

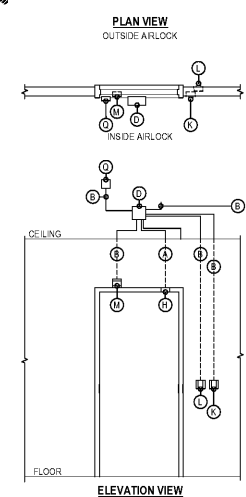


**1 LIGHTING PLAN - FIRST FLOOR**  
1/4" = 1'-0"



**2 SYSTEMS PLAN - FIRST FLOOR**  
1/4" = 1'-0"

**3 ACCESS CONTROL ROUGH-IN DETAIL**  
NTS



- LEGEND**
- A - 1/2" EMT CONDUIT
  - B - 3/4" EMT CONDUIT
  - C - NOT USED
  - D - MINIMUM 10" X 10" X 4" DEEP JUNCTION BOX WITH LOCKABLE HINGED COVER ABOVE NEAREST ACCESSIBLE CEILING BOX TO HOUSE POWER SUPPLIES AND DOOR SEQUENCER
  - E - NOT USED
  - F - NOT USED
  - G - NOT USED
  - H - CONNECTION TO DOOR POSITION MONITOR
  - J - NOT USED
  - K - 4" SQUARE 2 1/8" DEEP BACK BOX WITH SINGLE GANG PLASTER RING AT 4" AFF FOR DOOR OPERATOR BUTTON. TYPICALLY LOCATED WITHIN 12" OF FRAME. REFER TO FLOOR PLANS FOR LOCATIONS
  - L - 4" SQUARE 2 1/8" DEEP BACK BOX WITH SINGLE GANG PLASTER RING AT 4" AFF FOR DOOR OPERATOR BUTTON. TYPICALLY LOCATED WITHIN 12" OF FRAME. REFER TO FLOOR PLANS FOR LOCATIONS
  - M - 4" SQUARE 2 1/8" DEEP BACK BOX WITH SINGLE GANG PLASTER RING ORIENTED HORIZONTALLY AT TOP OF FINISHED DOOR FRAME FOR CONNECTION TO DIVISION 8 PROVIDED AUTOMATIC DOOR OPERATOR. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS
  - N - NOT USED
  - P - NOT USED
  - Q - CONNECTION TO DIVISION 26 PROVIDED FIRE ALARM RELAY. COORDINATE EXACT LOCATION WITH DIVISION 26 CONTRACTOR
  - R - NOT USED

- NOTES**
- 1 DETAIL PROVIDED TO ILLUSTRATE DEVICE ROUGH-IN REQUIREMENTS AND DEVICE LOCATIONS IN RELATION TO DOOR. DOOR AND DOOR HARDWARE CONFIGURATIONS SHOWN ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL PLANS, DOOR HARDWARE SCHEDULE, AND DOOR HARDWARE GROUPS FOR ACTUAL DOOR AND DOOR HARDWARE CONFIGURATIONS. MIRROR AS REQUIRED
  - 2 DEVICES AND CONNECTIONS SHOWN ARE TYPICAL. REFER TO ARCHITECTURAL PLANS, DOOR HARDWARE SCHEDULE, AND DOOR HARDWARE GROUPS FOR ACTUAL DEVICES AND CONNECTIONS AT EACH DOOR AND DOORWAY
  - 3 FLUSH MOUNT ALL WALL DEVICES
  - 4 NOT USED
  - 5 FIRE RATING OF ALL DOORS AND FRAMES SHALL BE MAINTAINED. NO MODIFICATIONS TO FIRE RATED DOORS AND/OR FRAMES SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM A/E
  - 6 ALL BOX AND CONDUIT SIZES LISTED ARE MINIMUMS. SIZE ALL BOXES AND CONDUITS PER APPLICABLE CODES AND MANUFACTURER'S REQUIREMENTS FOR ALL DEVICES, CONNECTIONS, AND ASSOCIATED WIRING AND CABLING
  - 7 UNLESS NOTED OTHERWISE, NO FLEXIBLE CONDUIT OR ARMORED CABLE OF ANY TYPE SHALL BE USED FOR ACCESS CONTROL, ROUGH-INS OR CABLING
  - 8 UNLESS NOTED OTHERWISE, CONDUIT SHALL BE CONCEALED IN WALL OR INSTALLED ON SECURE SIDE OF DOORWAY. ALL CONDUITS SHALL ROUTE FROM DEVICE BACK BOX TO SECURE SIDE OF DOOR. ALL JUNCTION BOXES ABOVE CEILING SHALL BE INSTALLED ABOVE NEAREST ACCESSIBLE CEILING ON SECURE SIDE OF DOOR
  - 9 NO CONDUIT PATHWAY MAY CONTAIN MORE THAN 180 DEGREES OF BEND BETWEEN ACCESSIBLE PULL POINTS OR EXCEED 100 FEET BETWEEN ACCESSIBLE PULL POINTS
  - 10 ALL BOX CONNECTORS SHALL BE INSULATED THROAT TYPE WITH NYLON BUSHING, AND ALL EXPOSED ENDS OF CONDUIT STUBS SHALL BE FITTED WITH NYLON BUSHING
  - 11 COORDINATE INSTALLATION OF BACK BOXES AND CONDUIT IN DOOR FRAME WITH ON-SITE DIVISION 8 CONTRACTOR PRIOR TO COMMENCEMENT OF WORK ON SITE

**GENERAL NOTES**

1. FOR EXACT LOCATION AND FINISHED SURFACE CONDITIONS OF CEILING, WALL AND FLOOR MOUNTED DEVICES, REFER TO ARCHITECTURAL DRAWINGS, ELEVATIONS AND REFLECTED CEILING PLANS.
2. REINSTALL EXISTING LIGHTS AND ALL OTHER CEILING MOUNTED DEVICES REMOVED DURING DEMOLITION.
3. ALL JUNCTION BOXES (NEW AND EXISTING) SHALL BE LOCATED TO ALLOW ACCESS FROM LIGHT FIXTURE LOCATIONS WHEN FIXTURE IS REMOVED.
4. ALL DEVICES SHALL BE INSTALLED IN EXISTING AND NEW WALLS. CONTRACTOR SHALL FISH EXISTING WALLS OR CUT AND REPAIR AS REQUIRED.
5. ALL FIRE ALARM WIRING SHALL BE INSTALLED IN CONDUIT. CONTRACTOR SHALL VERIFY CONNECTION POINTS DURING BIDDING AND INCLUDE ALL COSTS ASSOCIATED WITH FIRE ALARM SYSTEM WORK.
6. ADJACENT POWER AND DATA DEVICES SHALL BE SPACED NO MORE THAN 4" APART. PROVIDE JUNCTION BOX MOUNTING BRACKET BETWEEN STUDS AS NEEDED.
7. PROVIDE REQUIRED JUNCTION BOXES, CONDUIT, AND PULL STRIPS FOR ALL NEW TELEPHONE AND DATA LOCATIONS.
8. ALL FIRE ALARM NOTIFICATION DEVICES SHALL BE MOUNTED 12" AFF IN ACCESSIBLE WITH ADA, UNLESS OTHERWISE NOTED.
9. SIGNATURE OF THE FIRE ALARM CONTRACTOR SHALL BE ON ALL NEW CIRCUITS. ALL EXISTING FIRE ALARM CIRCUITS ARE TYPICALLY CLASSIFIED AS V.A.F.E. PROJECT DESIGN SHALL BE IN ACCORDANCE WITH NFPA 72.
10. SEE SHEET E801 FOR CLEANROOM RECESSED MOUNTING LIGHT FIXTURE MOUNTING DETAIL.

**SHEET KEYNOTES**

1. RELOCATE (2) EXISTING LUMINAIRES REMOVED DURING DEMOLITION. CONNECT TO EXISTING 120V 20A 1PH SWITCHED LIGHTING CIRCUIT IN THIS AREA.
2. FIXTURE TYPE SHALL BE 2' X 4' LED KENALL CSEI 24 48L 40K 120 2F 2H SYM OR APPROXIMATELY EQUAL. CONNECT TO EXISTING 120V 20A 1PH EMERGENCY LIGHTING CIRCUIT IN THIS AREA.
3. REINSTALL CEILING WIRELESS ACCESS POINT DEVICES. COORDINATE EXACT LOCATION WITH COR.
4. REUSE EXISTING FIRE ALARM STROBE. CONNECT TO EXISTING FIRE ALARM CIRCUIT. CONTRACTOR TO VERIFY ADEQUATE CAPACITY OF EXISTING FIRE ALARM CIRCUIT.
5. RELOCATE EXISTING CEILING MOUNTED PA SPEAKER. RECONNECT TO EXISTING SYSTEM IF DISCONNECTED DURING DEMOLITION.
6. REUSE EXISTING COMMUNICATIONS OUTLET WITH DATA AND (2) VOICE. PROVIDE 1" CONDUIT BACK TO ROOM 1E97. SEE SHEET E201 FOR THE LOCATION OF ROOM 1E97.
7. PROVIDE NEW FIRE ALARM HORN AND STROBE DEVICE. CONNECT TO EXISTING FIRE ALARM CIRCUIT. CONTRACTOR TO VERIFY ADEQUATE CAPACITY OF EXISTING FIRE ALARM CIRCUIT.
8. PROVIDE VIKING ELECTRONICS MODEL E-1600-22-PEWP PHONE AND LINEMASTER MODEL T-91-SC48 DUAL FOOT SWITCH AT THIS LOCATION. CONNECT PHONE TO PHONE SYSTEM. PROVIDE 3/4" CONDUIT DOWN TO BOX AT 9" AFF FOR FOOT SWITCH CABLE. FOOT SWITCHES TO PARALLEL CALL BUTTONS. PROVIDE ENGRAVED LABELS ON PHONE PER COR DIRECTION TO COVER "HELP" AND "INFO" LABELS. PROGRAM TO DIAL EXTENSIONS PER COR DIRECTION.
9. REFER TO SPECIFICATION SECTION 26 47 26 FOR DIMMER SWITCH BASIS OF DESIGN.
10. PROVIDE FIRE ALARM CONTROL MODULE FOR RELEASE OF DOOR INTERLOCK SYSTEM. CONTROL MODULE SHALL DISABLE INTERLOCK SYSTEM IN ANTE ROOM E-59H UPON SUPERVISORY SIGNAL FROM FIRE ALARM CONTROL SYSTEM.
11. PROVIDE JUNCTION BOX FOR INTERCOM FOOT SWITCH.
12. RELOCATE EXISTING DUCT SMOKE DETECTOR TEST SWITCH. RECONNECT TO SMOKE DETECTOR IF DISCONNECTED DURING DEMOLITION.

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Revisions:	Date:

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**STAMP**

Office of  
 Construction  
 and Facilities  
 Management

VA U.S. Department of Veterans Affairs

Drawing Title  
**ELECTRICAL LIGHTING AND SYSTEMS  
 PLAN - FIRST FLOOR**

Approved: \_\_\_\_\_

Phase  
**CONSTRUCTION  
 DOCUMENTS**

Project Title  
**RENOVATE PHARMACY CLEAN  
 ROOM (USP 797)**

Location  
 510 E. Stoner Ave. Shreveport, LA 71101

Issue Date  
 10/05/2017

Checked  
 RRK

Drawn  
 KJS

Project Number  
 667-17-108

Building Number  
 1

Drawing Number  
**E301**