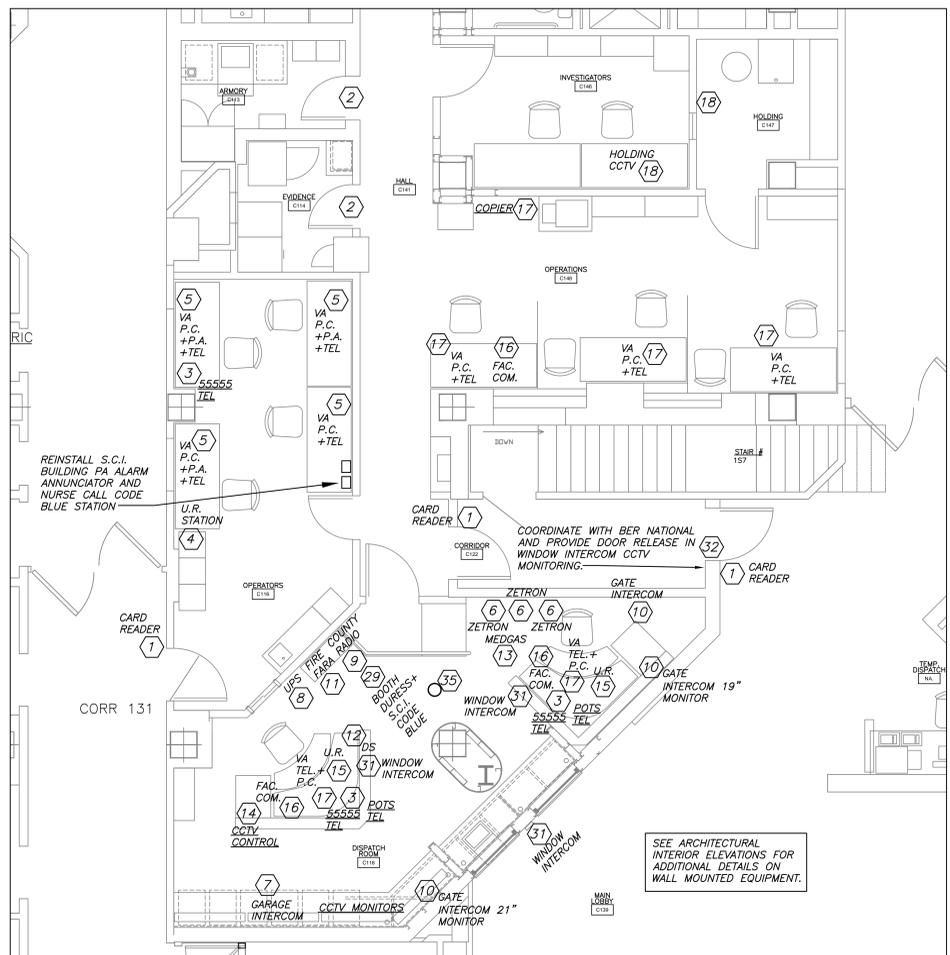
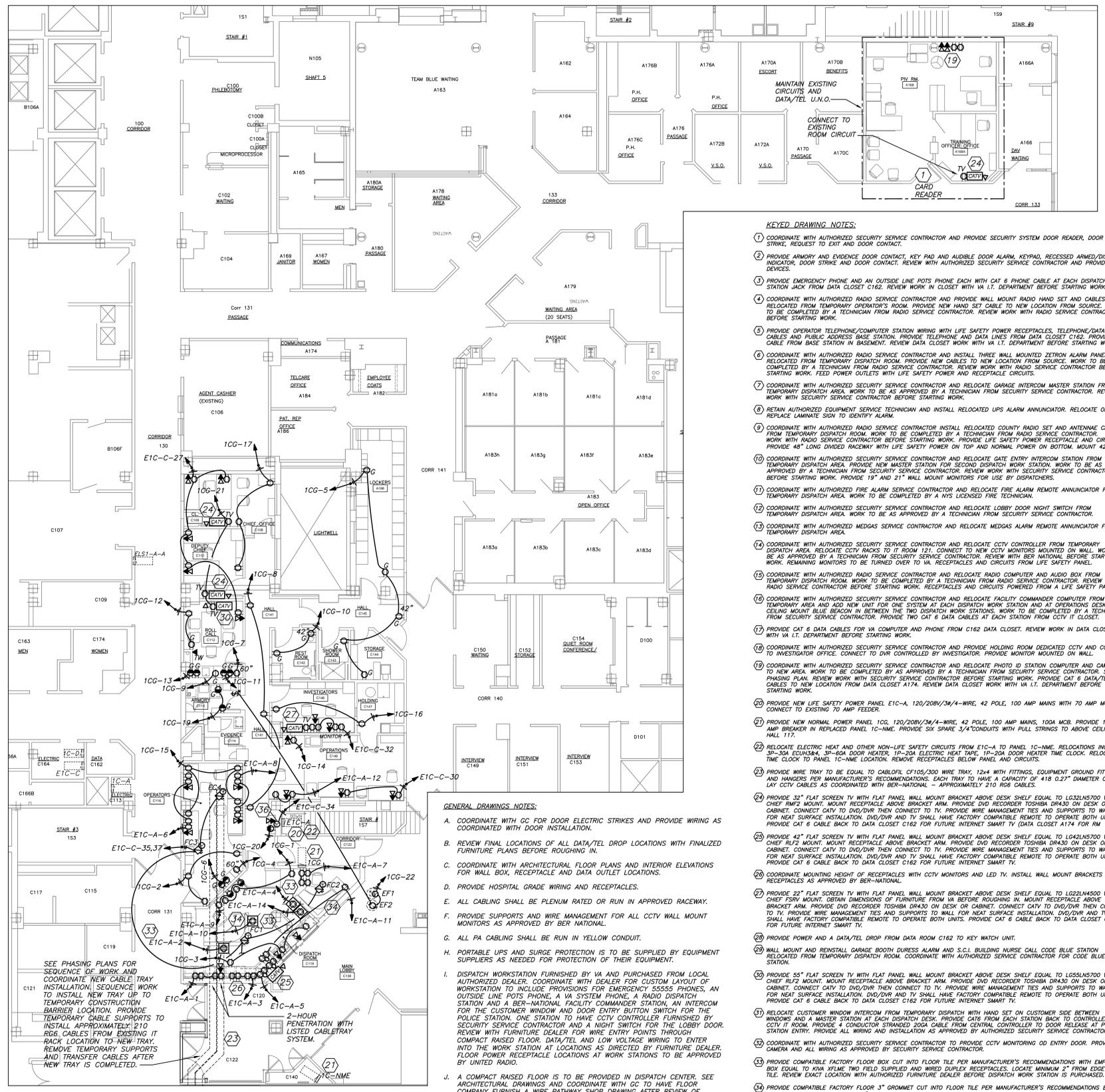


**2 ELECTRICAL PARTIAL PLAN**  
SCALE: 1/8" = 1'-0"



**3 ENLARGED ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"



**1 ELECTRICAL PARTIAL PLAN**  
SCALE: 1/8" = 1'-0"

- KEYED DRAWING NOTES:**
- COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND PROVIDE SECURITY SYSTEM DOOR READER, DOOR STRIKE, REQUEST TO EXIT AND DOOR CONTACT.
  - PROVIDE ARMORY AND EVIDENCE DOOR CONTACT, KEY PAD AND AUDIBLE DOOR ALARM, KEYPAD, RECESSED ARMED/DISARMED INDICATOR, DOOR STRIKE AND DOOR CONTACT. REVIEW WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND PROVIDE DEVICES.
  - PROVIDE EMERGENCY PHONE AND AN OUTSIDE LINE POTS PHONE EACH WITH CAT 6 PHONE CABLE AT EACH DISPATCH WORK STATION JACK FROM DATA CLOSET C162. REVIEW WORK IN CLOSET WITH VA I.T. DEPARTMENT BEFORE STARTING WORK.
  - COORDINATE WITH AUTHORIZED RADIO SERVICE CONTRACTOR AND PROVIDE WALL MOUNT RADIO HAND SET AND CABLES RELOCATED FROM TEMPORARY OPERATOR'S ROOM. PROVIDE NEW HAND SET CABLE TO NEW LOCATION FROM SOURCE. WORK TO BE COMPLETED BY A TECHNICIAN FROM RADIO SERVICE CONTRACTOR. REVIEW WORK WITH RADIO SERVICE CONTRACTOR BEFORE STARTING WORK.
  - PROVIDE OPERATOR TELEPHONE/COMPUTER STATION WIRING WITH LIFE SAFETY POWER RECEPTACLES, TELEPHONE/DATA CAT6 CABLES AND PUBLIC ADDRESS BASE STATION. PROVIDE TELEPHONE AND DATA LINES FROM DATA CLOSET C162. PROVIDE PA CABLE FROM BASE STATION IN BASEMENT. REVIEW DATA CLOSET WORK WITH VA I.T. DEPARTMENT BEFORE STARTING WORK.
  - COORDINATE WITH AUTHORIZED RADIO SERVICE CONTRACTOR AND INSTALL THREE WALL MOUNTED ZETRON ALARM PANELS RELOCATED FROM TEMPORARY DISPATCH ROOM. PROVIDE NEW CABLES TO NEW LOCATION FROM SOURCE. WORK TO BE COMPLETED BY A TECHNICIAN FROM RADIO SERVICE CONTRACTOR. REVIEW WORK WITH RADIO SERVICE CONTRACTOR BEFORE STARTING WORK. FEED POWER OUTLETS WITH LIFE SAFETY POWER AND RECEPTACLE CIRCUITS.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE GARAGE INTERCOM MASTER STATION FROM TEMPORARY DISPATCH AREA. WORK TO BE AS APPROVED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR. REVIEW WORK WITH SECURITY SERVICE CONTRACTOR BEFORE STARTING WORK.
  - RETAIN AUTHORIZED EQUIPMENT SERVICE TECHNICIAN AND INSTALL RELOCATED UPS ALARM ANNUCIATOR. RELOCATE OR REPLACE LAMINATE SIGN TO IDENTIFY ALARM.
  - COORDINATE WITH AUTHORIZED RADIO SERVICE CONTRACTOR AND INSTALL RELOCATED COUNTY RADIO SET AND ANTENNAE CABLE FROM TEMPORARY DISPATCH ROOM. WORK TO BE COMPLETED BY A TECHNICIAN FROM RADIO SERVICE CONTRACTOR. REVIEW WORK WITH RADIO SERVICE CONTRACTOR BEFORE STARTING WORK. PROVIDE LIFE SAFETY POWER RECEPTACLE AND CIRCUIT. PROVIDE 48" LONG UNDER RACEWAY WITH LIFE SAFETY POWER ON TOP AND NORMAL POWER ON BOTTOM. MOUNT 42" AFF.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE GATE ENTRY INTERCOM STATION FROM TEMPORARY DISPATCH AREA. PROVIDE NEW MASTER STATION FOR SECOND DISPATCH WORK STATION. WORK TO BE AS APPROVED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR. REVIEW WORK WITH SECURITY SERVICE CONTRACTOR BEFORE STARTING WORK. PROVIDE 12" AND 11" WALL MOUNT MONITORS FOR USE BY DISPATCHERS.
  - COORDINATE WITH AUTHORIZED FIRE ALARM SERVICE CONTRACTOR AND RELOCATE FIRE ALARM REMOTE ANNUCIATOR FROM TEMPORARY DISPATCH AREA. WORK TO BE COMPLETED BY A NYS LICENSED FIRE TECHNICIAN.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE LOBBY DOOR NIGHT SWITCH FROM TEMPORARY DISPATCH AREA. WORK TO BE AS APPROVED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR.
  - COORDINATE WITH AUTHORIZED MEDGAS SERVICE CONTRACTOR AND RELOCATE MEDGAS ALARM REMOTE ANNUCIATOR FROM TEMPORARY DISPATCH AREA.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE CCTV CONTROLLER FROM TEMPORARY DISPATCH AREA. RELOCATE CCTV RACKS TO IT ROOM 121. CONNECT TO NEW CCTV MONITORS MOUNTED ON WALL. WORK TO BE AS APPROVED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR. REVIEW WITH BER NATIONAL BEFORE STARTING WORK. RELOCATING MONITORS TO BE TURNED OVER TO VA RECEPTACLES AND CIRCUITS FROM LIFE SAFETY PANEL.
  - COORDINATE WITH AUTHORIZED RADIO SERVICE CONTRACTOR AND RELOCATE RADIO COMPUTER AND AUDIO BOX FROM TEMPORARY DISPATCH ROOM. WORK TO BE COMPLETED BY A TECHNICIAN FROM RADIO SERVICE CONTRACTOR. REVIEW WITH RADIO SERVICE CONTRACTOR BEFORE STARTING WORK. RECEPTACLES AND CIRCUITS POWERED FROM A LIFE SAFETY PANEL.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE FACILITY COMMANDER COMPUTER FROM TEMPORARY AREA AND ADD NEW UNIT FOR ONE SYSTEM AT EACH DISPATCH WORK STATION AND AT OPERATIONS DESK. CEILING MOUNT BLUE BEACON IN BETWEEN THE TWO DISPATCH WORK STATIONS. WORK TO BE COMPLETED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR. PROVIDE 12" AND 11" WALL MOUNT MONITORS FOR USE BY DISPATCHERS.
  - PROVIDE CAT 6 DATA CABLES FOR VA COMPUTER AND PHONE FROM C162 DATA CLOSET. REVIEW WORK IN DATA CLOSET WITH VA I.T. DEPARTMENT BEFORE STARTING WORK.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND PROVIDE HOLDING ROOM DEDICATED CCTV AND CONTROL TO INVESTIGATOR OFFICE. CONNECT TO DVR CONTROLLED BY INVESTIGATOR. PROVIDE MONITOR MOUNTED ON WALL.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR AND RELOCATE PHOTO ID STATION COMPUTER AND CAMERA TO NEW AREA. WORK TO BE COMPLETED BY A TECHNICIAN FROM SECURITY SERVICE CONTRACTOR. SEE PHASING PLAN, REVIEW WITH SECURITY SERVICE CONTRACTOR BEFORE STARTING WORK. PROVIDE CAT 6 DATA/TEL CABLES TO NEW LOCATION FROM DATA CLOSET A174. REVIEW DATA CLOSET WORK WITH VA I.T. DEPARTMENT BEFORE STARTING WORK.
  - PROVIDE NEW LIFE SAFETY POWER PANEL, ETC-A, 120/208V/3Ø/4-WIRE, 42 POLE, 100 AMP MAINS WITH 70 AMP MCB. CONNECT TO EXISTING 70 AMP FEEDER.
  - PROVIDE NEW NORMAL POWER PANEL 100, 120/208V/3Ø/4-WIRE, 42 POLE, 100 AMP MAINS, 100A MCB. PROVIDE 100 AMP BREAKER IN REPLACED PANEL, 1C-NME. PROVIDE SIX SPARE 3/4" CONDUITS WITH PULL STRINGS TO ABOVE CEILING IN HALL 117.
  - RELOCATE ELECTRIC HEAT AND OTHER NON-LIFE SAFETY CIRCUITS FROM ETC-A TO PANEL 1C-NME. RELOCATIONS INCLUDE 1Ø-3Ø EQUIPMENT, 1Ø-2Ø ELECTRIC HEAT TAPS, 1Ø-2Ø DATA HEAT TAPS, 1Ø-2Ø DATA HEAT TAPS. RELOCATE TIME CLOCK TO PANEL 1C-NME LOCATION. REMOVE RECEPTACLES BELOW PANEL AND CIRCUITS.
  - PROVIDE WIRE TRAY TO BE EQUAL TO CABLOFIL CF105/300 WIRE TRAY, 12x4 WITH FITTINGS, EQUIPMENT GROUND FITTINGS AND HANGERS PER MANUFACTURER'S RECOMMENDATIONS. EACH TRAY TO HAVE A CAPACITY OF 418 0.27" DIAMETER CABLES. ALL CTV CABLES AS COORDINATED WITH BER-NATIONAL - APPROXIMATELY 210 CABLES.
  - PROVIDE 32" FLAT SCREEN TV WITH FLAT PANEL WALL MOUNT BRACKET ABOVE DESK SHELF EQUAL TO 1062LN5700 WITH CHIEF RFL2 MOUNT. MOUNT RECEPTACLE ABOVE BRACKET ARM. PROVIDE DVD RECORDER TOSHIBA DR430 ON DESK OR CABINET. CONNECT CATV TO DVD/DVR THEN CONNECT TO TV. PROVIDE WIRE MANAGEMENT TIES AND SUPPORTS TO WALL FOR NEAR SURFACE INSTALLATION. DVD/DVR AND TV SHALL HAVE FACTORY COMPATIBLE REMOTE TO OPERATE BOTH UNITS. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET C162 FOR FUTURE INTERNET SMART TV (DATA CLOSET A174 FOR RM 119).
  - PROVIDE 42" FLAT SCREEN TV WITH FLAT PANEL WALL MOUNT BRACKET ABOVE DESK SHELF EQUAL TO 1062LN5700 WITH CHIEF RFL2 MOUNT. MOUNT RECEPTACLE ABOVE BRACKET ARM. PROVIDE DVD RECORDER TOSHIBA DR430 ON DESK OR CABINET. CONNECT CATV TO DVD/DVR THEN CONNECT TO TV. PROVIDE WIRE MANAGEMENT TIES AND SUPPORTS TO WALL FOR NEAR SURFACE INSTALLATION. DVD/DVR AND TV SHALL HAVE FACTORY COMPATIBLE REMOTE TO OPERATE BOTH UNITS. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET C162 FOR FUTURE INTERNET SMART TV.
  - COORDINATE MOUNTING HEIGHT OF RECEPTACLES WITH CCTV MONITORS AND LED TV. INSTALL WALL MOUNT BRACKETS AND RECEPTACLES AS APPROVED BY BER-NATIONAL.
  - PROVIDE 22" FLAT SCREEN TV WITH FLAT PANEL WALL MOUNT BRACKET ABOVE DESK SHELF EQUAL TO 1062LN5700 WITH CHIEF RFL2 MOUNT. OBTAIN DIMENSIONS OF FURNITURE FROM VA BEFORE ROUGHING IN. MOUNT RECEPTACLE ABOVE BRACKET ARM. PROVIDE DVD RECORDER TOSHIBA DR430 ON DESK OR CABINET. CONNECT CATV TO DVD/DVR THEN CONNECT TO TV. PROVIDE WIRE MANAGEMENT TIES AND SUPPORTS TO WALL FOR NEAR SURFACE INSTALLATION. DVD/DVR AND TV SHALL HAVE FACTORY COMPATIBLE REMOTE TO OPERATE BOTH UNITS. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET C162 FOR FUTURE INTERNET SMART TV.
  - PROVIDE POWER AND A DATA/TEL DROP FROM DATA ROOM C162 TO KEY WATCH UNIT.
  - WALL MOUNT AND REINSTALL GARAGE BOOTH DURRESS ALARM AND S.C.I. BUILDING NURSE CALL CODE BLUE STATION RELOCATED FROM TEMPORARY DISPATCH ROOM. COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR FOR CODE BLUE STATION.
  - PROVIDE 55" FLAT SCREEN TV WITH FLAT PANEL WALL MOUNT BRACKET ABOVE DESK SHELF EQUAL TO 1062LN5700 WITH CHIEF RFL2 MOUNT. MOUNT RECEPTACLE ABOVE BRACKET ARM. PROVIDE DVD RECORDER TOSHIBA DR430 ON DESK OR CABINET. CONNECT CATV TO DVD/DVR THEN CONNECT TO TV. PROVIDE WIRE MANAGEMENT TIES AND SUPPORTS TO WALL FOR NEAR SURFACE INSTALLATION. DVD/DVR AND TV SHALL HAVE FACTORY COMPATIBLE REMOTE TO OPERATE BOTH UNITS. PROVIDE CAT 6 CABLE BACK TO DATA CLOSET C162 FOR FUTURE INTERNET SMART TV.
  - RELOCATE CUSTOMER WINDOW INTERCOM FROM TEMPORARY DISPATCH WITH HAND SET ON CUSTOMER SIDE BETWEEN WINDOWS AND A MASTER STATION AT DISPATCH DESK. PROVIDE CCTV CONTROLLER FROM TEMPORARY DISPATCH AREA TO CCTV IT ROOM. PROVIDE 4 CONDUCTOR STRANDED 20GA CABLE FROM CENTRAL CONTROLLER TO DOOR RELEASE AT POLICE STATION ENTRY. PROVIDE ALL WIRING AND INSTALLATION AS APPROVED BY AUTHORIZED SECURITY SERVICE CONTRACTOR.
  - COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR TO PROVIDE CCTV MONITORING ON ENTRY DOOR. PROVIDE CAMERA AND ALL WIRING AS APPROVED BY SECURITY SERVICE CONTRACTOR.
  - PROVIDE COMPATIBLE FACTORY FLOOR BOX CUT INTO FLOOR TILE PER MANUFACTURER'S RECOMMENDATIONS WITH EMPTY BOX EQUAL TO KVA XFLME TWO FIELD SUPPLIED AND WIRED DUPLEX RECEPTACLES. LOCATE MINIMUM 2" FROM EDGE OF TILE. REVIEW EXACT LOCATION WITH AUTHORIZED FURNITURE DEALER BEFORE DISPATCH WORK STATION IS PURCHASED.
  - PROVIDE COMPATIBLE FACTORY FLOOR 3" GRIMMET CUT INTO FLOOR TILE PER MANUFACTURER'S RECOMMENDATIONS EQUAL TO KVA XFLME. LOCATE MINIMUM 2" FROM EDGE OF TILE. REVIEW EXACT LOCATION WITH UNITS RADIO BEFORE DISPATCH WORK STATION IS PURCHASED. PROVIDE DATA/TEL AND CONTROL CABLES. COORDINATE WITH UNITS RADIO FOR LOCATIONS OF OPENINGS AND FOR LOCATIONS OF FURNITURE MOUNTED JACK BOXES AND TERMINATIONS.
  - RELOCATE FACILITY COMMANDER BLUE BEACON FROM TEMPORARY DISPATCH AREA. COORDINATE WITH AUTHORIZED SECURITY SERVICE CONTRACTOR.
  - CONNECT TO KEY WATCH CABINET WITH CONCEALED HARD WIRED CONNECTION.
  - PROVIDE INDICATED POWER CIRCUIT FROM LIFE SAFETY POWER AND CONNECT TO FOUR WALL MOUNTED SECURITY PANELS IN IT ROOM C154.

- GENERAL DRAWING NOTES:**
- COORDINATE WITH GC FOR DOOR ELECTRIC STRIKES AND PROVIDE WIRING AS COORDINATED WITH DOOR INSTALLATION.
  - REVIEW FINAL LOCATIONS OF ALL DATA/TEL DROP LOCATIONS WITH FINALIZED FURNITURE PLANS BEFORE ROUGHING IN.
  - COORDINATE WITH ARCHITECTURAL FLOOR PLANS AND INTERIOR ELEVATIONS FOR WALL BOX, RECEPTACLE AND DATA OUTLET LOCATIONS.
  - PROVIDE HOSPITAL GRADE WIRING AND RECEPTACLES.
  - ALL CABLING SHALL BE PLENUM RATED OR RUN IN APPROVED RACEWAY.
  - PROVIDE SUPPORTS AND WIRE MANAGEMENT FOR ALL CCTV WALL MOUNT MONITORS AS APPROVED BY BER NATIONAL.
  - ALL PA CABLING SHALL BE RUN IN YELLOW CONDUIT.
  - PORTABLE UPS AND SURGE PROTECTION IS TO BE SUPPLIED BY EQUIPMENT SUPPLIERS AS NEEDED FOR PROTECTION OF THEIR EQUIPMENT.
  - DISPATCH WORKSTATION FURNISHED BY VA AND PURCHASED FROM LOCAL AUTHORIZED DEALER. COORDINATE WITH DEALER FOR CUSTOM LAYOUT OF WORKSTATION TO INCLUDE PROVISIONS FOR EMERGENCY 55555 PHONES, AN OUTSIDE LINE POTS PHONE, A VA SYSTEM PHONE, A RADIO DISPATCH STATION AND A BER-NATIONAL FACILITY COMMANDER STATION, AN INTERCOM FOR THE CUSTOMER WINDOW AND DOOR ENTRY BUTTON SWITCH FOR THE POLICE STATION ONE STATION TO HAVE CCTV CONTROLLER FURNISHED BY SECURITY SERVICE CONTRACTOR AND A NIGHT SWITCH FOR THE LOBBY DOOR. REVIEW WITH FURNITURE DEALER FOR WIRE ENTRY POINTS THROUGH COMPACT RAISED FLOOR. DATA/TEL AND LOW VOLTAGE WIRING TO ENTER INTO THE WORK STATION AT LOCATIONS AS DIRECTED BY FURNITURE DEALER. FLOOR POWER RECEPTACLE LOCATIONS AT WORK STATIONS TO BE APPROVED BY UNITS RADIO.
  - A COMPACT RAISED FLOOR IS TO BE PROVIDED IN DISPATCH CENTER. SEE ARCHITECTURAL DRAWINGS AND COORDINATE WITH GC TO HAVE FLOOR COMPANY FURNISH A WIRE PATHWAY SHOP DRAWING AFTER REVIEW OF DISPATCH STATIONS WITH UNITS RADIO.
  - A QUALIFIED VENDOR SHALL PROVIDE FLAT SCREEN TV'S, WALL MOUNTS AND DVD RECORDERS WITH WARRANTY SUPPORT.
  - PROVIDE AN ENGRAVED PLASTIC IDENTIFICATION SIGN FOR EACH WALL MOUNT ALARM DEVICE AND MOUNT ABOVE, BELOW OR ADJACENT TO EACH DEVICE. COR TO APPROVE EACH SIGN IDENTIFICATION NAME.

**SUB-CONSULTANTS:**

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REVISED PER VA COMMENTS DWG5 DM1, M1, DE2, E1 6-27-13

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**Drawing Title**  
ELECTRICAL PLANS

**Approved Project Director**

**Project Title**  
STRACUSE VAMC RENOVATE POLICE STATION

**Project Number**  
528A7-12-708

**Building Number**  
1

**Drawing Number**  
E1

**Location**  
STRACUSE VA MEDICAL CENTER NY

**Date**  
4/9/13

**Checked**  
- PJM

**Drawn**  
- PJM

**Dwg 30 of 31**

**Office of Construction and Facilities Management**  
Department of Veterans Affairs

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot