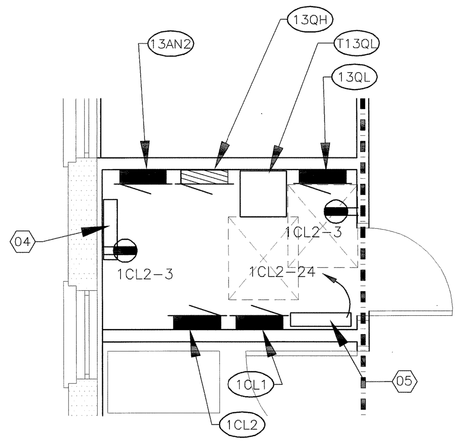
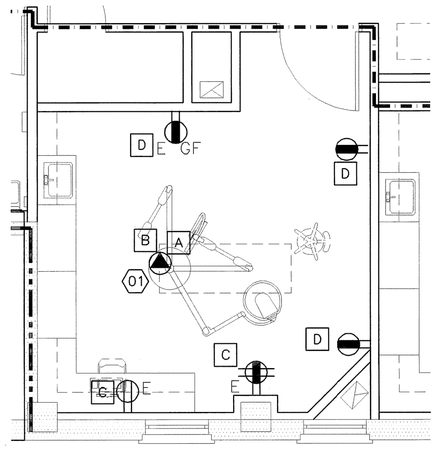


B1 ENLARGED ELECTRICAL ROOM 131 PLAN

SCALE: NTS



A 2 CRITICAL POWER CIRCUITS AND 1 NORMAL ON BOOM
B PROCEDURE LIGHT POWER
C GENERAL USE REC EM
D GENERAL USE REC NORMAL

B9 ENLARGED PROCEDURE ROOM – TYPICAL POWER

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

PROJECT LOCATION AND LIMITS OF WORK

SEE ENLARGED ELECTRICAL ROOM ON THIS PLAN

SEE TYPICAL ENLARGED PLAN

A	1CL1-8, 1CL1-10 & 1CL1-24	A 1CL1-11, 1CL1-13 & 1CL1-26	A 1CL1-19, 1CL1-21 & 1CL1-28
B	1CL1-6	B 1CL1-20	B 1CL1-22
C	1CL1-12	C 1CL1-15	C 1CL1-23
D	1.3AN1-10	D 1.3AN1-12	D 1.3AN1-14

NOTE:
A PRE-INSTALLATION MEETING IS REQUIRED PRIOR TO INSTALLATION OF THE PROCEDURE BOOM EQUIPMENT BETWEEN THE GENERAL CONTRACTOR, COTR, A/E TEAM, MEDICAL GAS SUBCONTRACTOR, ELECTRICAL SUBCONTRACTOR, AND PLUMBING SUBCONTRACTOR.

F7 ELECTRICAL FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"

100% SUBMITTAL

GENERAL SHEET NOTES

A. COORDINATE WITH ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION AND ELEVATION OF DEVICES.

B. VOLTAGE DROP SHALL NOT EXCEED VA DESIGN MANUAL GUIDELINES; 3% MAXIMUM ON BRANCH CIRCUITS AND 2% MAXIMUM ON FEEDERS.

C. NOTE THAT THE SECOND FLOOR OF THIS BUILDING SHALL REMAIN IN OPERATION DURING THIS RENOVATION. CONTRACTOR SHALL COOPERATE FULLY WITH THE ADMINISTRATION IN ORDER TO CAUSE AS LITTLE DISRUPTION AS POSSIBLE TO THE DAILY FUNCTIONING OF THE FACILITY, AND TO MAINTAIN THE COMFORT AND SAFETY OF ALL PERSONNEL AND STAFF.

SHEET KEYNOTES (X)

01. PROCEDURE BOOM POWER AND DATA CONNECTIONS FROM ABOVE CEILING. SEE MANUFACTURERS' INSTALLATION GUIDELINES FOR EXACT REQUIREMENTS FOR CONNECTIONS ABOVE CEILING.
02. CONFIRM TV OUTLET MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. SEE DIAGRAM B5 ON PLAN E-501.
03. NEW LIFE SAFETY PANEL TO REPLACE PANEL BEING REMOVED FROM CORRIDOR.
04. RELOCATED TV CABLE DISTRIBUTION ENCLOSURE AND ASSOCIATED EQUIPMENT. EXTEND EXISTING CONDUIT AND COAX CABLING FROM ELECTRICAL ROOM 100 THROUGH CEILING SPACE TO NEW DISTRIBUTION LOCATION. REROUTE EXISTING SERVICES FROM NEW LOCATION. PROVIDE SIGNAL AMPLIFIER IN ROOM 100 FOR NEW DISTRIBUTION EXTENSION.
05. DDC CONTROL PANEL LOCATION. VERIFY REQUIREMENTS WITH MECHANICAL PLANS.
06. EXISTING POWER TO DOOR OPERATOR SHALL BE RE-RUN IN FIXED SURFACE (WIREMOLD) RACEWAY ON WALL ABOVE DOOR TO REPLACE EXISTING FLEX.
07. VERIFY EXACT LOCATION OF MEDICAL GAS ALARM PANEL WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.
08. RELOCATE EXISTING SURFACE MOUNTED DUPLEX RECEPTACLE TO CLEAR NEW LIFE SAFETY PANEL.
09. PROVIDE RELAY CONNECTION TO FIRE ALARM SYSTEM TO DISABLE ELECTRICAL FUNCTION OF DOORS UPON ACTIVATION OF FIRE ALARM SYSTEM.
10. CONNECTIONS TO HEADWALL OUTLETS. ONE NORMAL AND ONE CRITICAL BRANCH CIRCUIT TO EACH AS NOTED ON PLANS.
11. EXHAUST FAN MOUNTED ABOVE CEILING
12. INFRARED DOOR ACTUATORS PER ARCHITECTURAL SPECIFICATIONS.
13. RECIRCUIT NURSE CALL EQUIPMENT PANEL FROM CIRCUIT INDICATED.
14. PATIENT LIFT REQUIRES A RECEPTACLES ABOVE ACCESSIBLE CEILING. IN PROCEDURE ROOM, LOCATE RECEPTACLE WITHIN ACCESS AREA ALLOWED FOR BOOM. IN PREP/RECOVERY AREA, LOCATE AS CLOSE AS PRACTICAL TO LOCATION OF CORD. PATIENT LIFTS ARE FROM PREVIOUS LOCATIONS. COORDINATE WITH OWNER.
15. ALARM PANEL LOCATION FOR ISOLATION SUITE 105. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECTURAL PLANS AND SPECIFIC REQUIREMENTS WITH MECHANICAL CONTRACTOR.
16. ALARM PANEL LOCATION FOR ISOLATION SUITE 124. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECTURAL PLANS AND SPECIFIC REQUIREMENTS WITH MECHANICAL CONTRACTOR.

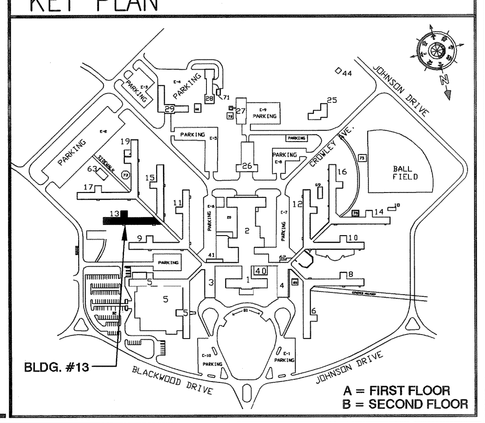
COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS. DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES; EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OF OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COTR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

TYPICAL SYMBOLS

- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO BE REMOVED.
- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN.
- NEW WALL
- SMOKE TIGHT WALL
- 1-HOUR FIRE RATED WALL
- 2-HOUR FIRE RATED WALL
- 1 HOUR FIRE SMOKE RATED WALL
- PROJECT LIMITS OF WORK
- NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.

KEY PLAN



A = FIRST FLOOR
B = SECOND FLOOR

REVISION NO.	REVISION DESCRIPTION		

Revisions | By | Date

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SEAL 025444 REGISTERED PROFESSIONAL ENGINEER — 8/19/11

SEAL

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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL SAFETY MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title: ELECTRICAL FLOOR PLAN - POWER

FULLY SPRINKLERED

Project Title: RENOVATE 13A FOR ENDOSCOPY SUITE

Drawn	Building Number	AutoCAD File Name
	13A	
Checked	Reviewed	Const. Contract No.

Date: June 10, 2011
Project Number: 557-10-108
DRAWING No.: EP-101

Veterans Affairs