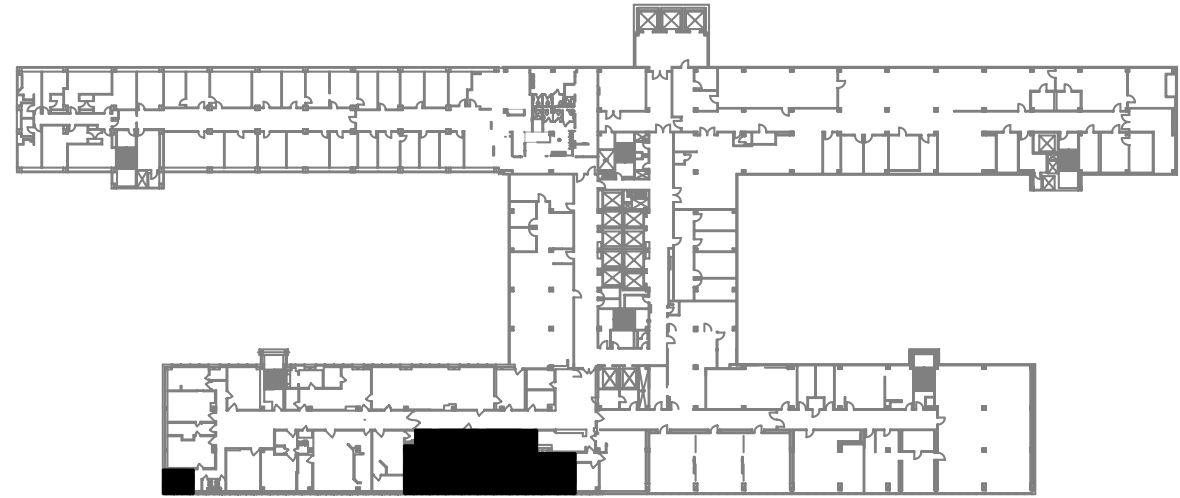
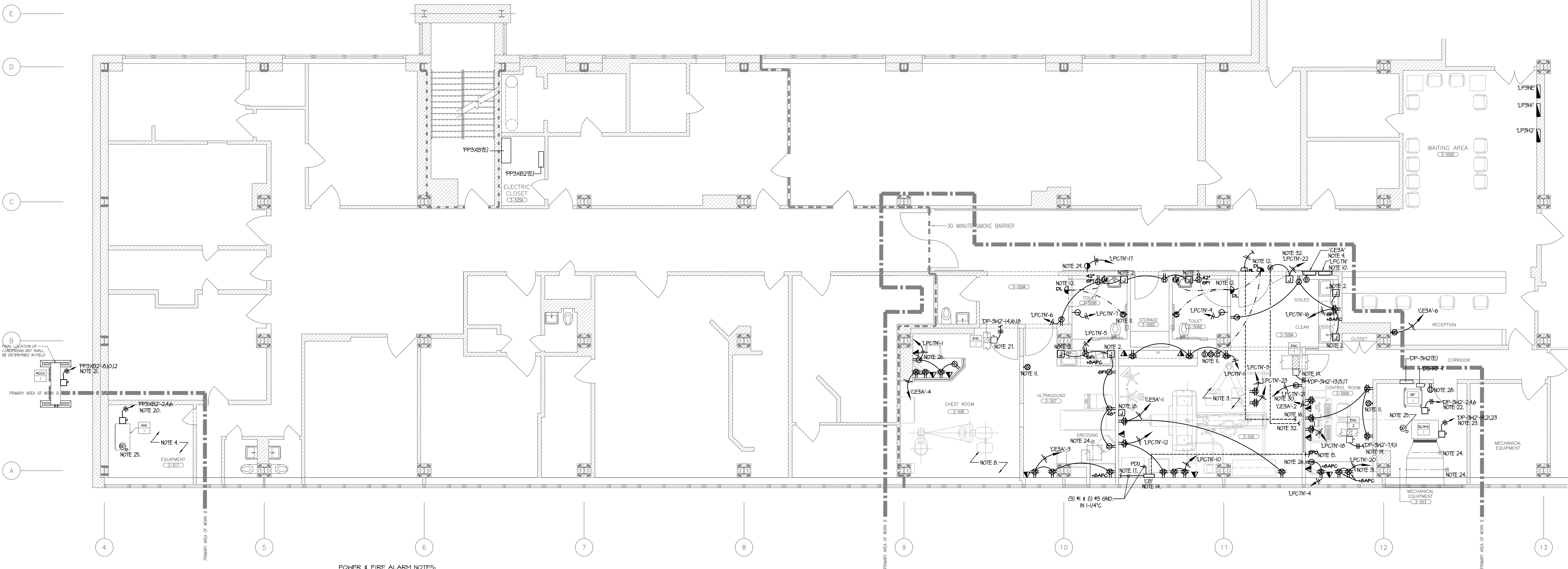


three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot



KEY PLAN - BUILDING 1 - 3RD FLOOR - EAST

**POWER & FIRE ALARM NOTES:**

1. PROVIDE DEDICATED CIRCUIT FOR HAND DRYER, VERIFY POWER REQUIREMENTS WITH EQUIPMENT SELECTION.
2. PROVIDE 120V CIRCUIT TO JUNCTION BOX ABOVE CEILING FOR POWER TO SENSOR FAUCET TRANSFORMER. VERIFY MOUNTING LOCATION WITH EQUIPMENT SELECTION AND PROVIDE LOW VOLTAGE WIRING AND TRANSFORMER (AS REQUIRED) TO FAUCET SENSOR.
3. THE E.G. SHALL REFER TO THE TOSHIBA VENDOR SITE SPECIFIC ELECTRICAL DRAWINGS FOR ADDITIONAL WIRING REQUIREMENTS ASSOCIATED WITH THIS PROJECT. ALL ELECTRICAL WORK IDENTIFIED AS 'BY E.G.' OR 'BY OTHERS' IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
4. ALL EXISTING RECEPTACLES, DEVICES, ETC. IN THIS ROOM TO REMAIN, UNLESS OTHERWISE NOTED.
5. THE E.G. SHALL REFER TO THE GE VENDOR SITE SPECIFIC ELECTRICAL DRAWINGS FOR ADDITIONAL WIRING REQUIREMENTS ASSOCIATED WITH THIS PROJECT. ALL ELECTRICAL WORK IDENTIFIED AS 'BY E.G.' OR 'BY OTHERS' IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
6. MAIN DISCONNECT PROVIDED WITH EQUIPMENT.
7. MAIN DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.
8. POWER TO EQUIPMENT AND RECEPTACLES TO CHEST ROOM TO REMAIN, E.G. SHALL VERIFY THAT POWER IS NOT FED FROM PANEL SCHEDULED FOR DEMOLITION AND REFERRED FROM A AVAILABLE CIRCUIT(S) IN NEAREST PANEL AS REQUIRED. E.G. SHALL MODIFY WIRING TO EXISTING AS REQUIRED TO FACILITATE NEW EQUIPMENT LAYOUT.
9. E.G. SHALL PROVIDE NEW 100A MLO CRITICAL EMERGENCY PANEL 'YCSA' FED FROM FEED THRU LUGS, PANEL 'YCSA' LOCATED ON SECOND FLOOR BELOW.
10. E.G. SHALL PROVIDE NEW 125A MLO ELECTRICAL PANEL 'LFCN' AND EXTEND EXISTING FEEDERS FROM EXISTING PANEL 'LFCN-1' REMOVED DURING DEMOLITION. EXTEND ALL BRANCH CIRCUITS THAT NEED TO REMAIN FED FROM REMOVED PANEL TO NEW PANEL.
11. E.G. SHALL PROVIDE NEW NURSE CALL DEVICE TO MATCH THE EXISTING SERVING THIS AREA AND ALL ASSOCIATED WIRING BACK TO THE NEW NURSE CALL MASTER CONSOLE.
12. ACTIVATION OF PATIENT CALL BELL SHALL ILLUMINATE DOME LIGHT AND ANNUNCIATE AT THE NEW NURSE NURSE CALL MASTER CONSOLE.
13. ACTIVATION OF CODE BLUE SHALL ILLUMINATE DOME LIGHT AND ANNUNCIATE AT THE NEW NURSE CALL MASTER CONSOLE.
14. E.G. SHALL PROVIDE AND INSTALL 100A 480V 3P SHUNT-TRIP CIRCUIT BREAKER.
15. E.G. SHALL WIRE EPO SWITCH TO SHUNT TRIP 'CB' UPON ACTIVATION.
16. E.G. SHALL PROVIDE AND INSTALL CT IN-HOUSE WARNING LIGHT, HOLF MODEL M110-CT OR AS SPECIFIED BY VA. PROVIDE 120V POWER AND REFER TO VENDOR SITE SPECIFIC DRAWINGS FOR WIRING REQUIREMENTS.
17. E.G. SHALL PROVIDE AND INSTALL NEW FEEDER FROM EXISTING 480V PANEL 'PP3XB' LOCATED IN 3RD FLOOR ELECTRICAL ROOM 3-525A. E.G. SHALL REMOVE EXISTING 80A 3P BREAKER AND INSTALL NEW 100A 3P BREAKER, AIG TO MATCH EXISTING. E.G. SHALL INCREASE CONDUCTOR SIZE TO #2 IF LENGTH OF RUN EXCEEDS 140 FT.
18. E.G. SHALL PROVIDE AND INSTALL 4" J-BOX FLUSH AT 58" AFF TO BOTTOM OF BOX FOR CCTV CAMERA. PROVIDE 120V RECEPTACLE WITHIN 5' OF J-BOX.
19. E.G. SHALL EXTEND EXISTING CIRCUIT TO RELOCATED ELECTRIC DUCT HEATER DISCONNECT SWITCH.
20. E.G. SHALL PROVIDE (3) #0 CONDUCTORS AND (1) #0 GND. IN 3/4" CONDUIT FROM NEW 40A 3P CIRCUIT BREAKER (AIG TO MATCH EXISTING) IN PANEL 'PP3XB2'.
21. E.G. SHALL PROVIDE NEW 65A 3P BREAKER IN AVAILABLE SPACE IN EXISTING 200V PANEL 'PP3XB2' AND EXTEND (3) #2 CONDUCTORS AND (1) #2 GND. IN 3/4" TO NEW ACQUA LOCATED ON ROOF.
22. E.G. SHALL EXTEND OR PROVIDE NEW FEEDERS AS REQUIRED FROM EXISTING 15A 3P CB FOR NEW RETURN FAN RF-1.
23. E.G. SHALL EXTEND OR PROVIDE NEW FEEDERS AS REQUIRED FROM NEW 35A 3P CB (AIG TO MATCH EXISTING) TO REPLACE EXISTING 50A CB FOR NEW SCAM-H.
24. E.G. SHALL PROVIDE ALL POWER AND LOW VOLTAGE CONTROL WIRING FOR OPERATION OF MOTORIZED DAMPERS, COORDINATE WITH MECHANICAL CONTRACTOR.
25. E.G. SHALL PROVIDE AND INSTALL NEW ADDRESSABLE DUCT SMOKE DETECTOR TO MATCH BUILDING STANDARD IN SUPPLY DUCTWORK, DOWNSTREAM OF THE AIR HANDLING UNIT, AND AHEAD OF ANY BRANCH CONNECTION TAKE-OFFS. ACTIVATION OF DUCT DETECTOR SHALL SHUT-DOWN THE HVAC EQUIPMENT AND ANNUNCIATE AN ALARM AT THE BUILDING FIRE ALARM PANEL. E.G. SHALL PROVIDE AND INSTALL NEW REMOTE SMOKE DETECTOR TEST SWITCH MOUNTED ABOVE ROOM LIGHTING SWITCH 6'-0" AFF. E.G. SHALL PROVIDE ALL WIRING AND ASSOCIATED PROGRAMMING AS REQUIRED.
26. MOUNT DATA/PHONE PORT AND POWER RECEPTACLE NEAR CEILING FOR CONTROL ROOM MONITOR. E.G. SHALL COORDINATE WITH CHEST X-RAY EQUIPMENT VENDOR FOR EXACT LOCATION OF REQUIRED DEVICES.
27. E.G. SHALL DISCONNECT AND REMOVE EXISTING SPARE 15A 3P CIRCUIT BREAKER AND REPLACE WITH NEW 30A 3P CIRCUIT BREAKER (AIG RATINGS TO MATCH EXISTING). E.G. SHALL PROVIDE (3) #2 CONDUCTORS AND (1) #0 GND. IN 3/4" CONDUIT FROM NEW 30A 3P CIRCUIT BREAKER IN EXISTING PANEL 'DP-3K2'.
28. E.G. SHALL FURNISH AND INSTALL NEW DUPLEX RECEPTACLE, AND EXTEND EXISTING RECEPTACLE CIRCUIT SERVING THIS AREA TO FEED NEW RECEPTACLE AS REQUIRED.
29. E.G. SHALL FURNISH AND INSTALL NEW DEDICATED SIMPLEX RECEPTACLE, NEMA 5-20R, 20 AMP, 1 POLE, 2 WIRE, 120 VOLT, AND SHALL PROVIDE (2) #2 CONDUCTORS AND (1) #2 GND. IN 3/4" CONDUIT FROM NEW 20 AMP, 1 POLE CIRCUIT BREAKER IN EXISTING PANEL 'LFCN'.
30. E.G. SHALL FURNISH AND INSTALL NEW DUPLEX RECEPTACLE FOR PATIENT LIFT CHARGING STATION. E.G. SHALL PROVIDE (2) #2 CONDUCTORS AND (1) #0 GND. IN 3/4" CONDUIT FROM NEW 20 AMP, 1 POLE CIRCUIT BREAKER IN EXISTING PANEL 'LFCN'. E.G. SHALL COORDINATE FINAL LOCATION OF RECEPTACLE WITH EQUIPMENT VENDOR.
31. E.G. SHALL FURNISH QUAD RECEPTACLES AS SHOWN FOR 'SKYY' DIGITAL CAMERA SYSTEM. E.G. SHALL COORDINATE FINAL LOCATION OF RECEPTACLES WITH EQUIPMENT VENDOR.
32. E.G. SHALL PROVIDE AND INSTALL JUNCTION BOX FOR MAGNETIC DOOR INTERLOCK CIRCUIT. MAGNETIC DOOR INTERLOCK SHALL BE ENGAGED WHEN CT MACHINE IS OPERATIONAL. PROVIDE 120V POWER AND REFER TO VENDOR SITE SPECIFIC DRAWINGS FOR ADDITIONAL WIRING AND RELAY REQUIREMENTS, AND FINAL LOCATION OF JUNCTION BOX. DOOR SHALL HAVE KEY OVERRIDE TO DISENGAGE MAGNETIC DOOR INTERLOCK DURING CT MACHINE OPERATION.

**POWER CIRCUITING NOTE:**

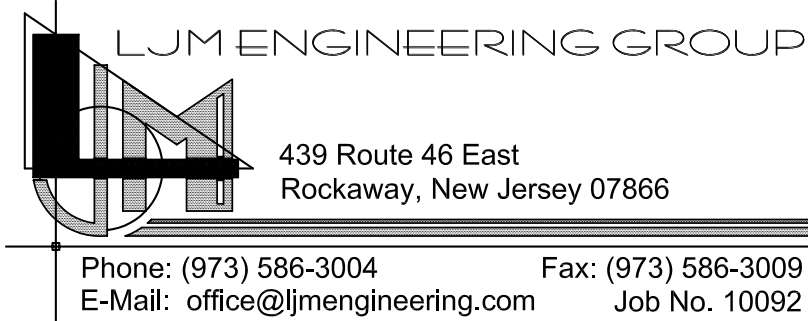
THE CIRCUIT NUMBERS AND PANELS DESIGNATED FOR THE WIRING FOR THIS PROJECT ARE ILLUSTRATIVE. SINCE EXISTING PANEL SCHEDULES DO NOT ACCURATELY REFLECT THE EXISTING BREAKER CONFIGURATION, THE CIRCUITING PRESENTED IS FOR GROUPING PURPOSES AND THE E.G. SHALL MODIFY THE CIRCUITING AS REQUIRED BASED ON AVAILABLE CIRCUITS AFTER DEMOLITION. THE E.G. SHALL PROVIDE DETAILED AND ACCURATE CIRCUITING INFORMATION BASED ON THE INSTALLED WIRING IN THE AS-BUILT DRAWINGS REQUIRED UNDER HIS CONTRACT.

**FIRE ALARM SYSTEM NOTE:**

THE E.G. SHALL USE THE VA HOSPITAL FIRE ALARM VENDOR ISPI 212-358-2200 FOR ALL WORK ASSOCIATED WITH THE REMOVAL, RELOCATION OR ADDITION OF FIRE ALARM DEVICES. THE WORK SHALL INCLUDE ALL WIRING, DEVICES, PROGRAMMING AND TESTING AS REQUIRED.

100% SET/ISSUE	07-14-2011
100% SET/ISSUE	08-13-2011
100% SET/ISSUED FOR REVIEW	05-27-2011
REVISED 30% SUBMISSION	03-04-2011
REVISED SIGN OFF	02-24-2011
30% REVIEW SET	11-11-2010
SCHEME 1, 2 AND 3	09-11-2010
EXISTING CONDITIONS	09-01-2010
<b>Revisions:</b>	<b>Date</b>

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Drawing Title  
**THIRD FLOOR - EAST  
ELECTRICAL NEW WORK PLAN**

Approved: Project Director

Project Title  
**RADIOLOGY - CT  
AT BROOKLYN CAMPUS  
NEW YORK HARBOR  
HEALTH CARE SYSTEM**

Location  
**BROOKLYN, NY**

L/A PROJECT # 1284-00

Date 11-11-2010

Checked  
LJM

Drawn  
RM

Project Number  
**630A4-CSI-103**

Building Number  
**1**

Drawing Number  
**EP 101**

Dwg. 28 of 45

**Facilities  
Management  
Services**

**Department of  
Veterans Affairs**