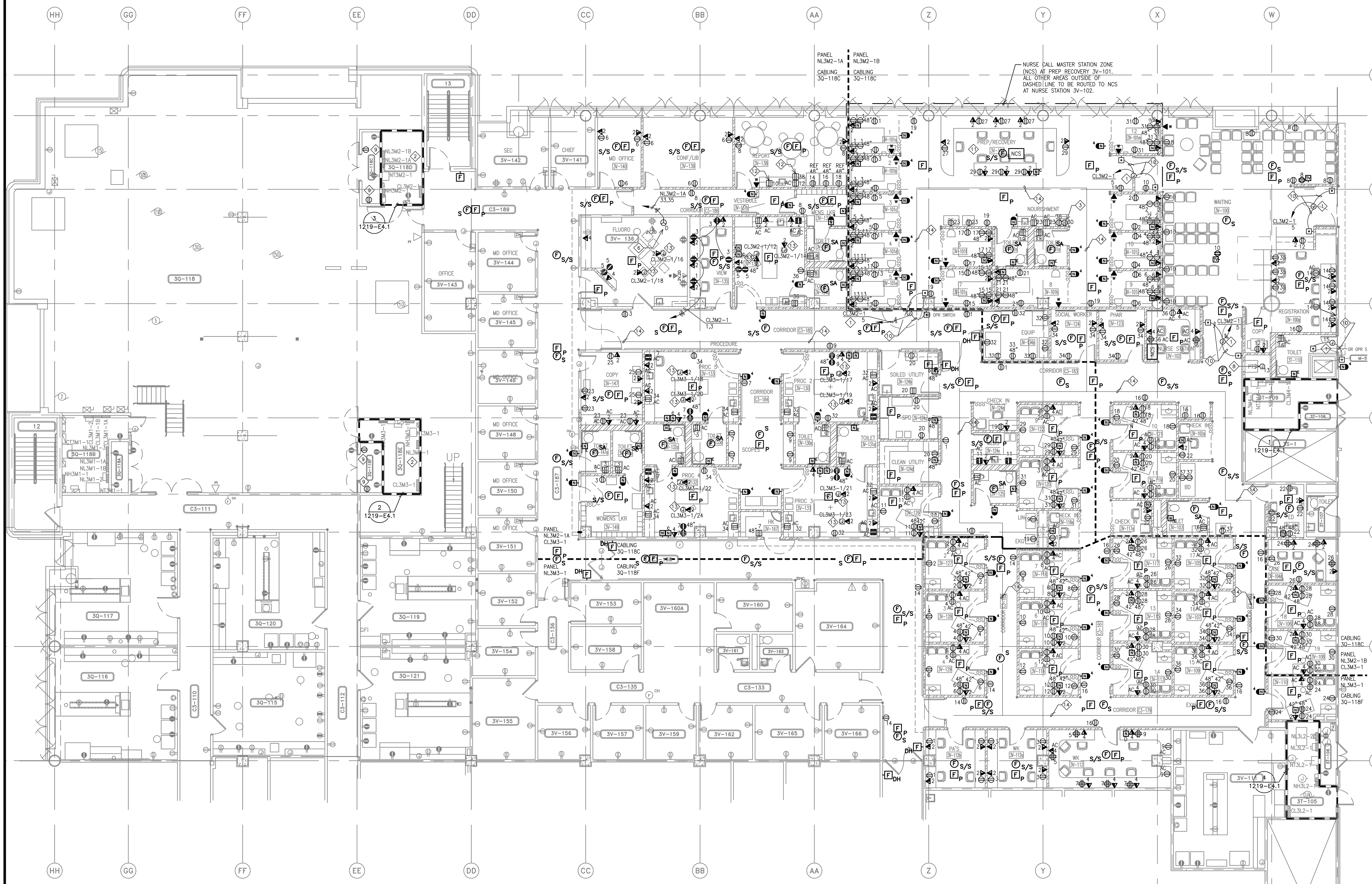

ELECTRICAL POWER AND SIGNAL THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. VERIFY MOUNTING HEIGHTS AND LOCATIONS OF WALL OUTLETS WITH ARCHITECTURAL ELEVATIONS.

B. CONTRACTOR SHALL COORDINATE RECEPTACLE DEVICES NEXT TO COMMUNICATION DEVICES SUCH THAT DEVICES SHALL BE MOUNTED NEXT TO EACH OTHER. PROVIDE MOUNTING STRAPS BETWEEN STUDS TO ACCOMMODATE ADJACENT MOUNTING.

C. THE DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN FOR THE FOLLOWING OWNER PROVIDED SYSTEMS:
1. SECURITY SYSTEMS (ACCESS CONTROL AND VIDEO SURVEILLANCE)

E. THE DIVISION 26 CONTRACTOR SHALL PROVIDE ROUGH-IN FOR THE FOLLOWING SYSTEMS:
1. DATA
2. VOICE
3. AUDIO/VISUAL CABLING

F. THE FOLLOWING SYSTEMS SHALL BE PROVIDED BY DIVISION 27 SUB-CONTRACTOR(S) (ROUGH-IN PROVIDED BY DIV. 26 CONTRACTOR):
1. DATA
2. VOICE
3. AUDIO/VISUAL CABLING
4. SECURITY SYSTEMS CABLING (ETHERNET CABLING)

G. THE FOLLOWING SYSTEMS SHALL BE PROVIDED BY THE DIV. 28 CONTRACTOR:
1. FIRE ALARM
2. SECURITY SYSTEMS CABLING (SPECIALTY CABLING)

H. CONTRACTOR(S) SHALL REFER TO FIRE ALARM RISER DIAGRAM AND TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON THE FIRE ALARM SYSTEMS.

I. ALL DEVICE CONDUIT(S) SHALL BE STUBBED INTO INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.

J. ALL CONDUIT TO ROUTE UP THROUGH INTERSTITIAL SPACE AND DOWN TO ELECTRICAL AND TELECOM ROOMS.

K. FIRE ALARM DEVICES TO BE WIRED BACK TO EXISTING NAC PANEL AND FAA PANEL LOCATED WITHIN ROOM 3A-107. REFER TO SPECIFICATION SECTION 283100 FOR FURTHER INFORMATION.

L. ALL SMOKE DETECTORS MOUNTED SHALL BE MOUNTED 3' MIN FROM SUPPLY DIFFUSERS.

NOTES FOR THIS DRAWING

1. PROVIDE POWER AND CONDUIT FOR POWERED DOOR OPERATORS. DOOR OPERATORS SPECIFIED IN DIVISION 8 SPECIFICATIONS. COORDINATE WITH OWNER PROVIDED ACCESS CONTROL SYSTEMS.
2. PROVIDE SPARE CONDUIT AND JUNCTION BOX AT PANELS UTILIZED AS NOTED ON DETAIL 5/E5.1.
3. 20A 120V 1P DEDICATED CIRCUIT FOR ICE MAKER MOUNTED ABOVE COUNTER.
4. BLANKET WARMER LOCATION
5. UTILIZE EXISTING FIRE ALARM DEVICES FOR NEW LOCATIONS. PROVIDE CONDUIT AND WIRE TO CONNECT TO DEVICES.
6. PROVIDE NEMA L6-30R FOR FLUOROSCOPY MACHINE. PROVIDE 3/4"C. (3)#10AWG, #10GND.
7. WHERE HEIGHT IS NOT INDICATED, MOUNT RECEPTACLES ADJACENT TO EACH OTHER.
8. CONNECT CRITICAL CIRCUIT TO PNEUMATIC TUBE STATION.
9. CONNECT TO NEAREST NORMAL CIRCUIT.
10. EXTEND 1/2"C. FROM POWERED DOOR BOX TO J-BOX(ES) FOR DOOR CONTROL. SEE ARCH. FOR LOCATION. PROVIDE CONTINUOUS OPERATION OF THE VA WIRELESS SYSTEM COMPONENTS DURING DEMOLITION AND CONSTRUCTION.
11. CONDUITS AND ASSOCIATED CIRCUITING WITHIN NURSE STATION SHALL PENETRATE UNDER SLAB UP TO MODULAR FURNITURE CONNECTIONS.
12. COORDINATE RECEPTACLE HEIGHT WITH LOCATION OF MICROWAVE WITHIN CABINET.
13. JUNCTION BOX AND DATA CONNECTION TO BE CEILING MOUNTED.
14. PROVIDE 12"W X 4"D BASKET STYLE CABLE TRAY.

EXHIBIT "E.6"
INSTALL OPERATING ROOM BOOMS
PHASE 2
PROJECT NO.: 618-12-302
EXISTING THIRD FLOOR POWER PLAN

100% SUBMITTAL - CD SUBMITTAL

FULLY SPRINKLERED

REVISIONS		DATE

GENERAL NOTES:

GENERAL CONTRACTOR AND/OR ALL SUBCONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR VARIATIONS BETWEEN PLAN DIMENSIONS AND ACTUAL FIELD DIMENSIONS. WHERE VARIATIONS ARE FOUND TO OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING PRIOR TO PROCEEDING WITH CONSTRUCTION; NO ADJUSTMENT TO THE WORK WILL BE MADE WITHOUT THE PRIOR APPROVAL OF THE PROJECT ENGINEER.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL DEMOLITION INCLUDING REMOVAL OF WALLS, PARTITIONS, DOORS & CEILING & FLOORS. ANY AND ALL CUTTING OF CONCRETE FLOORS, WALLS OR STRUCTURE SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY. CORE DRILLING THROUGH CONCRETE WALLS, FLOORS OR STRUCTURE FOR PIPING OR CONDUIT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR BY TRADE; FIRESTOPPING OF THESE OPENING SHALL BE DONE BY THE RESPECTIVE SUBCONTRACTOR. REMOVAL OF DEBRIS RESULTING FROM DEMOLITION, CUTTING, AND/OR DRILLING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. PATCHING AND REPAIR OF CONCRETE WALLS, FLOOR, OR STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR; THIS WILL BE ACCOMPLISHED UPON COMPLETION OF THE INSTALLATION OF ANY AND ALL UTILITIES INSTALLED BY THE VARIOUS SUBCONTRACTORS.

TRUE NORTH
PLAN NORTH

Drawing Title: ELECTRICAL POWER AND SIGNAL THIRD FLOOR PLAN

Drawing Scale: SEE PLAN

Plot Scale: 12" = 1'-0"

Approved: Cynthia Doolittle, Chief, Projects Section

Approved: Steven Challeen, Director, Engineering

Project Title:

Location: V.A. MEDICAL CENTER, ONE VETERANS DRIVE, MINNEAPOLIS, MN 55417

Date	Checked	Drawn
4.8.2011	RF	EAK

Project No.

Office of Facilities Management

Department of Veterans Affairs