

# Outpatient Surgery Renovations RFI's

1 Drawing ES-107 and ES-108 shows adding several new speakers. Could you please provide a manufacturer and model number for a reference? **Please direct the question to the VA.**

2 Drawing ES-107 and ES-108 shows adding several new speakers. Will the current speaker circuit in these areas carry the addition of these speakers? **Please direct the question to the VA.**

3 Drawing ES-109 shows the addition of 7 new speaker strobes and 2 new visual strobes. This would most likely exceed the strobe circuit in this area. Will a new strobe circuit need to be added? **Assume notification appliance power extender panel(s) will be required.**

4 Drawing ES-109 shows the addition of 7 new speaker strobes. Is the current Fire Alarm speaker circuit in this area capable of adding these devices? If not please provide solution. **Assume notification appliance power extender panel(s) will be required.**

5 Drawing ES-110 shows the addition of 9 new speaker strobes and 2 new visual strobes. This would most likely exceed the strobe circuit in this area. Will a new strobe circuit need to be added **Assume notification appliance power extender panel(s) will be required.**

6 Drawing ES-110 shows the addition of 9 new speaker strobes. Is the current Fire Alarm speaker circuit in this area capable of adding these devices? If not please provide solution. **Assume notification appliance power extender panel(s) will be required.**

7 The VA Fire Alarm design manual calls for strobes to only go off in the zone of the fire. The fire alarms speakers are to go off throughout hospital. Currently both the strobes and speakers go off throughout the hospital. The building is laid out in fire zones now. Which way should we install the strobes? **Keep the current condition: Both strobes & speakers go off throughout the hospital.**

8 Drawing ES-201 Detail three shows card reader raceway detail. Is this detail correct? **Yes.**

9 Drawing ES-201 Detail three shows card reader raceway detail. Below that there is a drawing note that states "Card readers and associated equipment shall be furnished by the resident engineer. Final connections and testing shall be done by the resident engineer." Then there is the special note "Contractor shall provide enough slack of cable at each end for resident engineer to make final connections." Is this correct that all equipment and connections shall be done by the resident engineer and not the contractor? If that is not the

case please provide security system utilized and equipment required per door. **Yes, the equipment and connections shall be done by the resident engineer and not the contractor.**

10 Drawing ES-201 Luminaire schedule shows fixtures A4D and D2. Have not found these two fixtures on the light fixture drawings ES-103 or ES-104. Is these two fixtures apart of this project? **These two fixture types are no longer used in the project and may be deleted from the schedule.**

11 Drawing ES-201 Panelboard RP-SW2B calls for the Fully Rated Min. to be 42K AIC RMS Symmetrical amps. Is this correct or was it to be a 22K AIC as is ERP-SW2, and per specs having minimum 22KAIC for 120/208 and 14KAIC for 277/480? **Keep at 42 k AIC.**

12 Drawing ES-201 Dry-type transformer schedule for T1 it calls for the secondary circuit wire size to be 300KCMIL and #2 ground. Is that correct or can a 4/0 and a #4 be used? **4#4/0 + #4GW in 2-1/2" C can be used.**

13 Drawings ES-109 and ES-110 Shows adding additional fire alarm initiating devices. Is there room available on the data circuit in these area's to add these devices? **Please direct the question to the VA.**

14 Drawings ES-111 shows 5 motor starters located on the roof and calls for NEMA/UL 4X Stainless steel enclosures. There is a greater cost for the NEMA 4X Stainless steel enclosures over the NEMA 3R enclosure. Would the VA like to use the NEMA 3R rated enclosure instead of the more expensive NEMA 4X Stainless Steel enclosures. **Provide NEMA 4X Stainless steel enclosure as specified.**

15 Drawing ES-101 and ES-102 Drawing Note D1 states "Existing Data Cable runs shall remain and be reused-retain identification markings." Is this correct, or should it be removed and all new installed? **This is correct for existing equipment that is to remain.**

16 Drawing ES-101 and ES-102 Drawing Note D2 states "Existing Nurse call and telemetry system shall remain active until new system is installed and operational. Will this be possible due to phasing, and if so some conduit and wiring could not be removed until a later time and the area's may be occupied? **True, and this will have to coordinated through the VA.**

17 Drawing ES-103 Shows the majority of the lighting being on circuit 2 and 6 then goes to note 3 stating "To floor mounted junction box in interstitial space." It does not give the panel. Then there is note 2 that states "existing floor mounted junction box in interstitial space." Which shows LP-NW2 2,4,6. The same situation is also done in several locations on Drawing ES-104. They show circuit 18 going into the interstitial space but no panel. In another location they show a junction box located in the interstitial with labeled LP-SW2 14,16,18. Is it the

intent that circuit 18 is to go there? Please clarify. The same scenario has been done on ES-105 and ES-106. **For the above example, there is an existing floor mounted junction box in the interstitial space above the renovation area with circuits 2,4 and 6 from panel LP-NW2. The lighting circuit 2 is indicated to go to the floor mounted junction box in interstitial space. It is the intent for the lights to be fed from circuit 2 in panel LP-NW2. This is typical.**

18 Drawing ES-103 Special Note 1 and drawing ES-104 Special Note 1 calls for a Junction box for OR Light. Are we just providing power to a junction box and light being purchased and installed by others? **The light is purchased and installed by the contractor. OR Light is by Steris, Dual Head Amsco Examiner 10. See attached Cut Sheet.**

19 Wiring Devices 262726 states the following:

“Duplex Receptacles on Emergency Circuit:

a. In rooms without emergency powered general lighting, the emergency receptacles shall be of the self-illuminated type.”

Most of the rooms do not have emergency powered general lighting, however PACU 129 does have a couple emergency powered lights is that adequate coverage for that room, or should all Emergency receptacles be self-illuminated type. **The majority of the rooms with emergency receptacles have emergency lighting, but for the rooms where there are emergency receptacles and no emergency lights, the self-illuminated receptacles are required. See attached updated lighting plan.**

20 How many normal and emergency receptacles will need to be provided in the Horizontal Headwall unit? **One emergency and one normal receptacle.**

three inches = one foot

one and one half inches = one foot

one inch = one foot

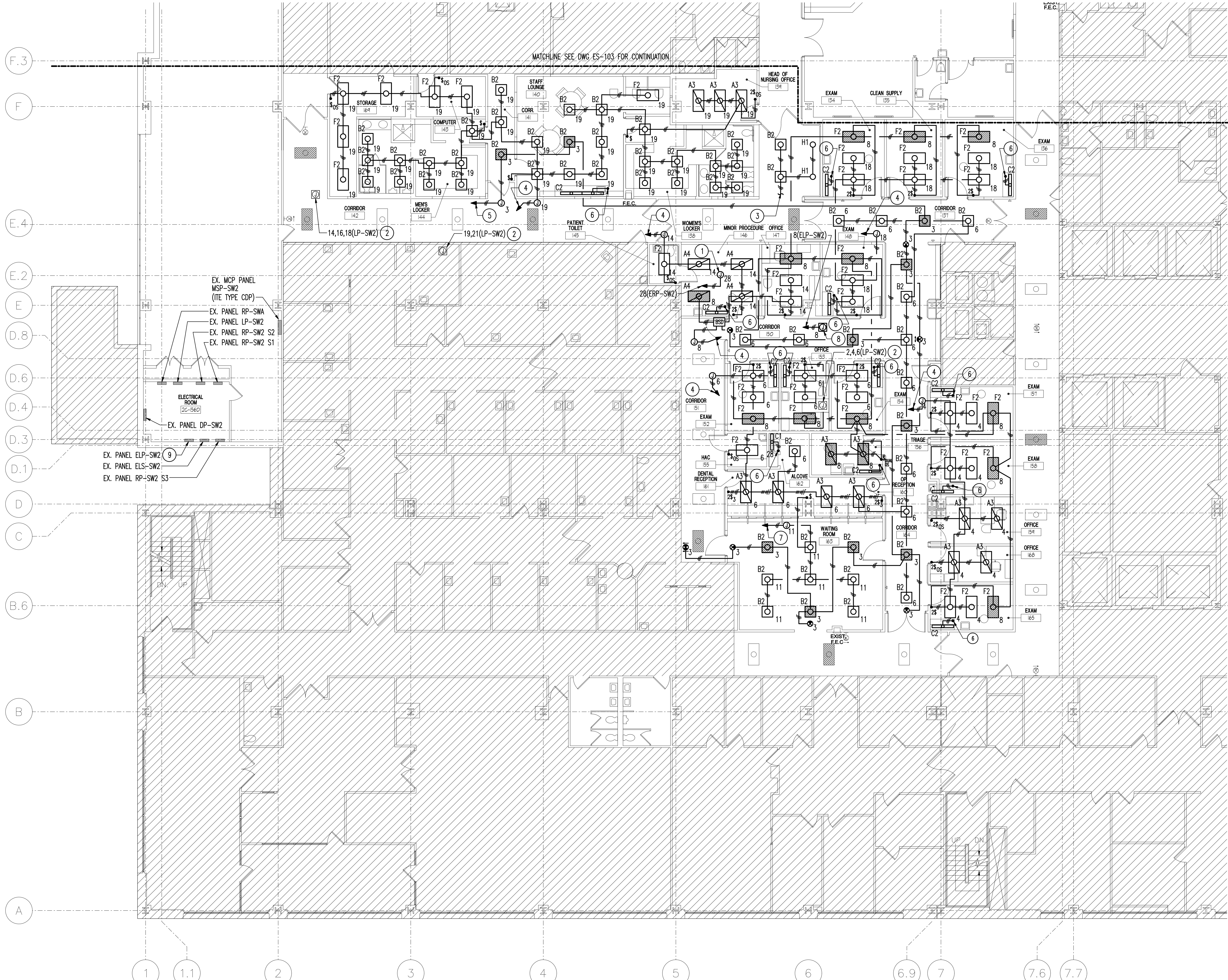
three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

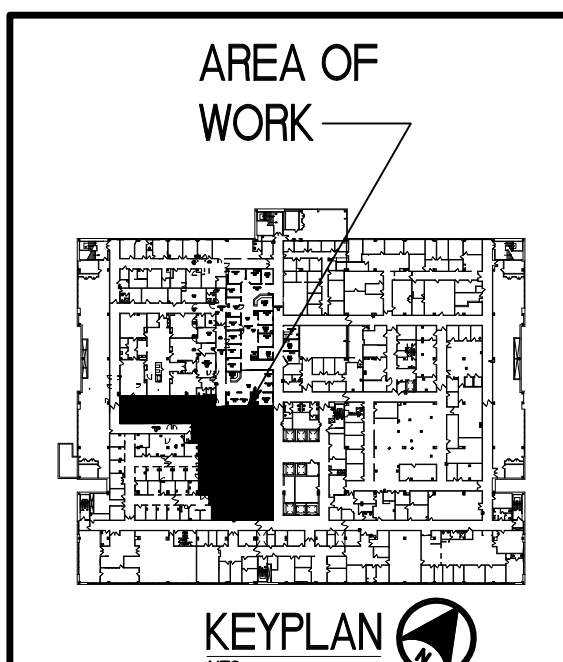


- DRAWING NOTES: (APPLICABLE TO THIS SHEET ONLY)
- D1. ROOM NUMBERS SHOWN ARE FOR CONSTRUCTION PHASE ONLY. VAMC WILL ASSIGN FINAL ROOM NUMBERS TO SPACE. USE VAMC ASSIGNED NUMBERS FOR RECORD DRAWINGS, PANEL SCHEDULES AND OTHER PERMANENT DESIGNATIONS.
  - D2. SWITCHES AND WALL BOX OCCUPANCY SENSORS SHALL HAVE CONDUIT FROM SWITCH BOX TO ABOVE ACCESSIBLE CEILING.
  - D3. MANUFACTURER OF OCCUPANCY SENSORS SHALL BE COORDINATED WITH VAMC FACILITIES STAFF TO MATCH EXISTING BUILDING STANDARDS. CONTRACTOR SHALL PROVIDE TRAINING AND DEMONSTRATION FOR PROGRAMMING AND ADJUSTING OCCUPANCY SENSOR SETTINGS. PROVIDE WRITTEN DOCUMENTATION FOR OCCUPANCY SENSORS PROGRAMMING AND ADJUSTMENT PROCEDURES IN OPERATIONS AND MAINTENANCE MANUALS.
  - D4. FOR BYPASS SWITCH DEVICE, REFER TO DETAIL 4 ON DRAWING ES-201.

- SPECIAL NOTES: (APPLICABLE TO THIS SHEET ONLY)
- 1 JUNCTION BOX FOR O.R. LIGHT.
  - 2 EXISTING FLOOR MOUNTED JUNCTION BOX IN INTERSTITIAL SPACE.
  - 3 CONNECT TO EXISTING NORMAL CORRIDOR LIGHTING CIRCUIT IN THIS AREA.
  - 4 TO FLOOR MOUNTED JUNCTION BOX IN INTERSTITIAL SPACE.
  - 5 CONNECT TO EXISTING CIRCUIT 3(ELS-SW2).
  - 6 CONNECT TO RECEPTACLE CIRCUIT IN THIS ROOM.
  - 7 CONNECT TO EXISTING CIRCUIT 11(LP-SW2).
  - 8 NEW FLOOR MOUNTED JUNCTION BOX IN INTERSTITIAL SPACE. CONNECT TO EXISTING WIREWAY IN INTERSTITIAL SPACE AND ROUTE WIRING BACK TO PANEL.
  - 9 PROVIDE 1-1P-20A CB IN EXISTING SPACE 8 IN THIS PANEL.

1 PARTIAL SECOND FLOOR PLAN - ELECTRICAL NEW WORK - LIGHTING  
SCALE: 1/8" = 1'-0"

1/8" = 1' - 0"



100% BID DOCUMENTS	03-04-2011
95% CONSTRUCTION DOCUMENTS	11-04-2010
60% DESIGN DEVELOPMENT	08-26-2010
30% DESIGN DEVELOPMENT	07-16-2010
Revisions	Date

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Stamp/Seal

Drawing Title  
PARTIAL SECOND FLOOR PLAN -  
ELECTRICAL NEW WORK - LIGHTING  
Approved Project Director

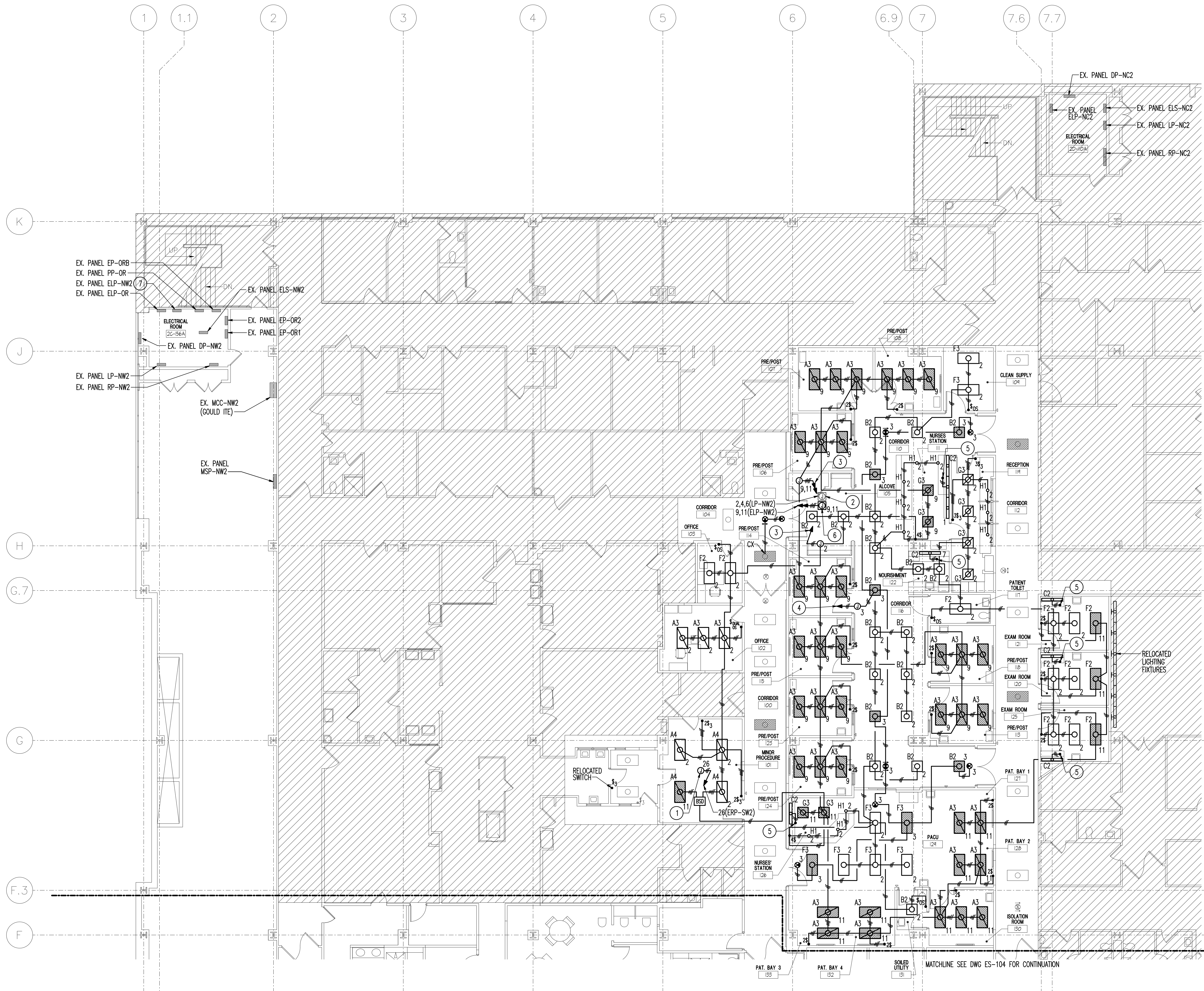
Project Title  
MARTINSBURG VA MEDICAL CENTER  
OUTPATIENT SURGERY RENOVATIONS  
Location  
MARTINSBURG, WV  
Date  
03-04-2011  
Checked  
JEG  
Drawn  
MLS

Project Number  
- 613-103  
Building Number  
- 500  
Drawing Number  
ES-104

Office of  
Construction  
and Facilities  
Management  
Department of  
Veterans Affairs



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one sixteenth inch = one foot

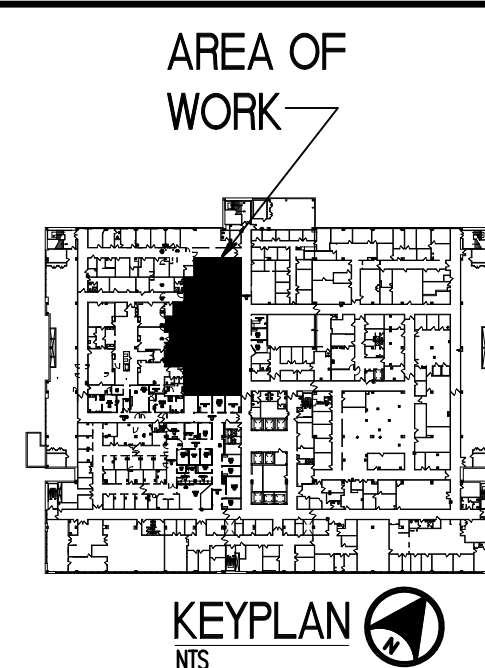


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  - CONNECT TO EXISTING CIRCUIT 3(ELS-NW2).
  - CONNECT TO RECEPTACLE CIRCUIT IN THIS ROOM.
  - NEW FLOOR MOUNTED JUNCTION BOX IN INTERSTITIAL SPACE. CONNECT TO EXISTING WIREWAY IN INTERSTITIAL SPACE AND ROUTE WIRING BACK TO PANEL.
  - PROVIDE 2-1P-20A CBS IN EXISTING SPACES 9 AND 11 IN THIS PANEL.

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