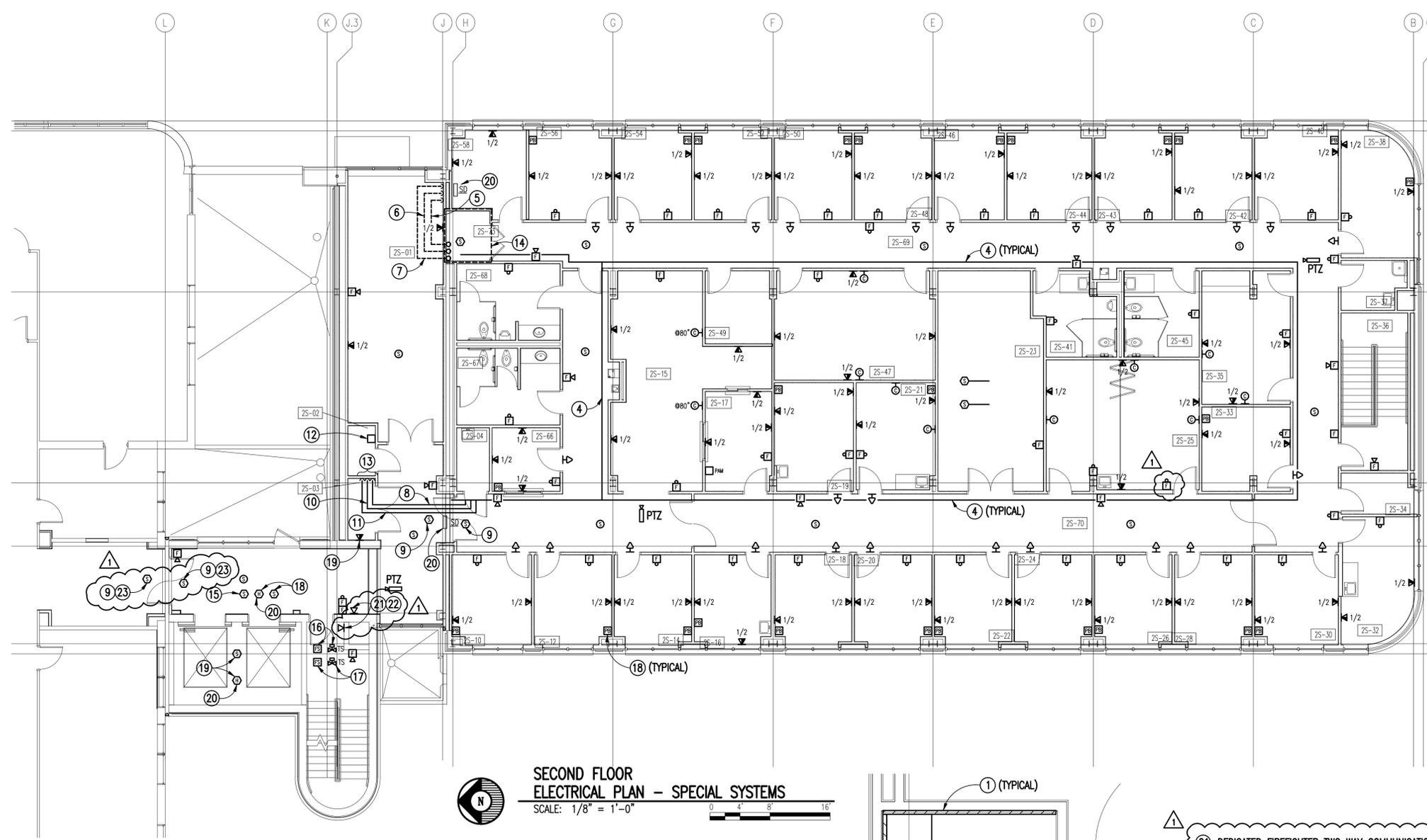
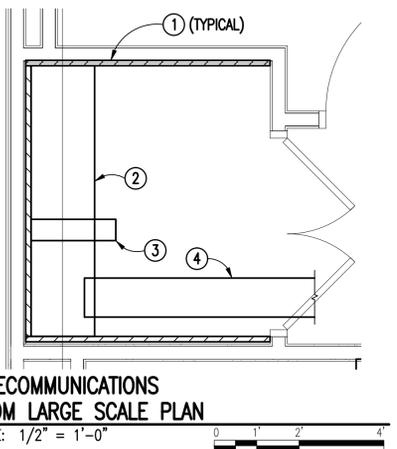


A  
B one inch = one foot  
C three-quarters inch = one foot  
D one-half inch = one foot  
E three-eighths inch = one foot  
F one-quarter inch = one foot  
G one-eighth inch = one foot

- NOTES:**  
(THIS SHEET ONLY)
- 1 WOOD BACKBOARD ON ALL WALL SURFACES INSIDE IT CLOSET. PROVIDE ANGLE SUPPORT FRAME FOR RIGID SUPPORT AND CLEAN INSTALLATION. PAINT ALL BACKBOARDS GRAY. PROVIDE 110 BLOCKS AS REQUIRED FOR TERMINATIONS OF NEW VOICE DROPS THROUGHOUT SECOND FLOOR.
  - 2 18" LADDER TYPE, ALUMINUM CABLE TRAY WITH RUNG SPACING EVERY 12" MINIMUM.
  - 3 STANDARD TELECOMMUNICATIONS FLOOR RACK. PROVIDE PATCH PANELS AS REQUIRED FOR TERMINATION OF NEW DATA DROPS THROUGHOUT SECOND FLOOR AND FIBER CONNECTIONS.
  - 4 12" LADDER TYPE, ALUMINUM CABLE TRAY. SEE DETAIL, SHEET E501.
  - 5 2-1/2" CONDUIT FROM NEW TELECOMMUNICATIONS CLOSET TO FIRST FLOOR TELECOMMUNICATIONS CLOSET 1-E-97, SEE LOCATION ON SHEET E502. PROVIDE (1) 6-STRAND RISER RATED 62.5MM FIBERS AND TERMINATE ON EXISTING PATCH PANEL ON FIRST FLOOR. TERMINATE FIBER CABLE ON RACK MOUNTED FIBER PATCH PANEL CONNECTIONS IN NEW SECOND FLOOR IT CLOSET. CROSS CONNECT TO PATCH PANELS BY OTHERS. PROVIDE CERAMIC ST CONNECTORS. CONTRACTOR TO PROVIDE ALL PATCH PANELS AS REQUIRED.
  - 6 4" CONDUIT FROM NEW TELECOMMUNICATIONS CLOSET TO FIRST FLOOR TELECOMMUNICATIONS CLOSET 1-N-2, SEE LOCATION ON SHEET E502. PROVIDE (1) 100 PAIR CABLE AND TERMINATE ON EXISTING 110 BLOCKS ON FIRST FLOOR. TERMINATE CABLE ON NEW 110 BLOCKS IN NEW SECOND FLOOR IT CLOSET. CROSS CONNECTS BY OTHERS. CONTRACTOR TO PROVIDE ALL 110 BLOCKS AS REQUIRED.
  - 7 (2) 2-1/2" CONDUIT FROM NEW TELECOMMUNICATIONS CLOSET TO BASEMENT TELECOMMUNICATIONS CLOSET (DIRECTLY UNDER FIRST FLOOR TELECOMMUNICATIONS CLOSET). ROUTE ALL CATV CABLES TO BASEMENT IT CLOSET AND TERMINATE ON EXISTING SPLITTER.
  - 8 (2) 1" CONDUIT FROM SECOND FLOOR CABLE TRAY TO EXISTING FIRST FLOOR CABLE TRAY. PROVIDE CABLING FROM FIRST FLOOR PAGING SYSTEM AND DAISY CHAIN BETWEEN SECOND FLOOR SPEAKERS USING CABLE TRAY AS PATHWAY.
  - 9 CEILING MOUNTED SMOKE DETECTOR FOR DOOR HOLD OPEN HARDWARE. COMBINATION HOLD OPEN/CLOSER PROVIDED WITH DOOR HARDWARE.
  - 10 1" CONDUIT FROM SECOND FLOOR CABLE TRAY TO EXISTING FIRST FLOOR CABLE TRAY FOR FIRE ALARM DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS REQUIRED TO CONNECT NEW SECOND FLOOR DEVICES TO EXISTING FIRE ALARM CONTROL PANEL IN SPACE 1-W-58. PROVIDE ALL REQUIRED COMPONENTS AND PROGRAMMING AT EXISTING FIRE ALARM CONTROL PANEL (INCLUDING POWER SUPPLIES) TO ACCOMMODATE NEW FIRE ALARM DEVICES.
  - 11 (2) 2" CONDUIT FROM SECOND FLOOR CABLE TRAY TO EXISTING HOSPITAL SECURITY EQUIPMENT IN SPACE 1-W-26. PROVIDE A RISER RATED RG6 AND #16 CONTROL CABLING FOR EACH CAMERA. NEW CABLING SHALL MEET MANUFACTURER'S RECOMMENDATION FOR THE TYPE PTZ CAMERAS. SEE SHEET E502 FOR 1-W-26 LOCATION.
  - 12 PROVIDE CAMERA POWER SUPPLY FOR UP TO 7 CAMERAS IN SECOND FLOOR ELECTRICAL ROOM ABOVE THE DOOR. PROVIDE 16/2 POWER CABLE TO EACH CAMERA. SIZE POWER SUPPLY TO ALSO POWER HEATER IN RELOCATED ROOF CAMERA.
  - 13 PROVIDE A 8"x8"x8" JUNCTION BOX IN ALL VERTICAL CONDUITS 6' ABOVE FINISHED FLOOR.
  - 14 SEE LARGE SCALE PLAN THIS SHEET.
  - 15 PROVIDE A CEILING MOUNTED SMOKE DETECTOR IN ALL FLOORS OF ELEVATOR LOBBY FOR ELEVATOR RECALL. SEE LARGE SCALE PLANS, SHEET E405, E406, AND E407.
  - 16 FLOW AND TAMPER SWITCHES IN STAIRWELLS OF ALL FLOORS. SEE LARGE SCALE PLANS, SHEET E405, E406, AND E407.
  - 17 FLOW AND TAMPER SWITCHES IN STAIRWELL OF NINTH FLOOR FOR SHAFT SPRINKLERS. SEE LARGE SCALE PLANS, SHEET E405, E406, AND E407.
  - 18 CONTRACTOR SHALL COORDINATE EXACT LOCATION AND HEIGHT OF PANIC ALARM EMERGENCY STATION PRIOR TO INSTALLATION. TYPICAL ALL LOCATIONS, SEE DETAIL, SHEET E501.
  - 19 PROVIDE DATA DROP FOR CONNECTION TO PANEL HP2. ROUTE 1" CONDUIT BACK TO ROOM IT BS-04 IN BASEMENT OF THIS BUILDING, NEAR COLUMN LINES J-3. MAKE ALL CONNECTIONS TO PANEL AS REQUIRED. SEE PANEL SCHEDULE, SHEET E601 FOR MORE INFORMATION.
  - 20 PROVIDE CONNECTION TO FIRE ALARM SYSTEM FOR SMOKE DAMPERS.



**SECOND FLOOR ELECTRICAL PLAN - SPECIAL SYSTEMS**  
SCALE: 1/8" = 1'-0"



**TELECOMMUNICATIONS ROOM LARGE SCALE PLAN**  
SCALE: 1/2" = 1'-0"

1 DEDICATED FIREFIGHTER TWO WAY COMMUNICATIONS PHONE OUTLET. CONTRACTOR SHALL COORDINATE EXACT LOCATION PRIOR TO INSTALLATION AND ROUTE NECESSARY CABLING BACK TO FACP AS REQUIRED FOR A COMPLETE SYSTEM.

2 CONTRACTOR SHALL ADD FIRE FIGHTER TWO WAY COMMUNICATIONS PHONE OUTLETS AT THESE APPROXIMATE SAME LOCATIONS ON TWO FLOORS BELOW.

3 SMOKE DETECTORS SHALL BE ADDED AT THESE APPROXIMATE SAME LOCATIONS ON TWO FLOORS BELOW.

1. PEER REVIEW CHANGES.	9/19/2011
Revisions	Date

**Toland ♦ Mizell ♦ Molnar, LLC**  
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SUITE 200  
ATLANTA, GA, 30318  
404-214-9774



Drawing Title  
**SECOND FLOOR ELECTRICAL PLAN - SPECIAL SYSTEMS**

Approved Project Engineer

Project Title  
**2ND FLOOR OUTPATIENT MENTAL HEALTH**

Building Number  
BLDG 1 SOUTH WING

Checked  
RBP

Drawn  
TWG

Location  
VA MEDICAL CENTER  
SHREVEPORT, LOUISIANA

100% REVIEW SUBMITTAL

Date  
05-25-2011

Project No.  
VA256-C-1047

DRAWING NO.  
**E103**

Dwg. Of

**Veterans Administration**