

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

KEYED NOTES

1 PROVIDE 12" WIDE BASKET-STYLE CABLE TRAY WITH 2" TALL SIDES AND SUPPORT ACCORDING TO MANUFACTURER RECOMMENDATIONS. INSTALL TEL/DATA, WIRELESS ACCESS, PUBLIC ADDRESS, AND ACCESS CONTROL CABLING IN SEPARATELY DIVIDED SECTIONS OF CABLE TRAY OR RACEWAYS. CONFIRM CABLING JACKET COLOR WITH LATEST CAMPUS STANDARD. PROVIDE CABLE TRAY WITH DIVIDER PARTITIONS TO ALLOW FOR THREE SECTIONS:

- VOICEDATA (RED, WHITE, OR BLUE JACKET)
- WIRELESS POE (GREEN JACKET)
- SECURITY (PINK JACKET), ACCESS CONTROL (YELLOW JACKET), PUBLIC ADDRESS SPEAKERS (GRAY JACKET)

2 PROVIDE RATED PATHWAY SLEEVE ASSEMBLIES FOR THE EQUIVALENT VOLUME OF THREE 4" CONDUITS WITH REMOVABLE FIRE STOPPING INTUMESCENT BLOCKS FOR ROUTING CABLING THROUGH RATED WALL ASSEMBLIES. BASIS OF DESIGN IS S11 EZ-PATH SERIES 44, OR EQUIVALENTS LEGRAND FLAMESTOPPER AND ABESCO CABLE TRANSIT.

GENERAL NOTES

A. PROVIDE OUTLET BOXES, CONDUIT, RACEWAYS, AND PATHWAYS FOR ALL SYSTEMS DEVICES AND CABLING. PROVIDE INSULATED BUSHING ON ANY CONDUIT END THAT DOES NOT TERMINATE IN AN OUTLET BOX.

B. PROVIDE J-HOOKS ABOVE ACCESSIBLE CEILING AS A PATHWAY FOR TELECOMMUNICATION CABLING FROM CONDUITS TO CABLE TRAY. SUPPORT CABLING SO THAT NO MORE THAN 2 FEET OF CABLING IS INSTALLED WITHOUT PATHWAY SUPPORT FROM J-HOOKS, CONDUIT, CABLE TRAY, OR SLEEVES. PROVIDE CONDUIT AS CABLING PATHWAY ABOVE ACCESSIBLE CEILING.

C. PROVIDE 1" CONDUIT FROM EACH TELECOMMUNICATION OUTLET BOX AND STUB OUT TO ABOVE ACCESSIBLE CEILING. EACH TELECOMMUNICATION OUTLET BOX SHALL BE 4" SQUARE AND 2.5" DEEP. PROVIDE REDUCER COVER FOR DEVICES THAT ONLY REQUIRE A SINGLE-GANG FACEPLATE.

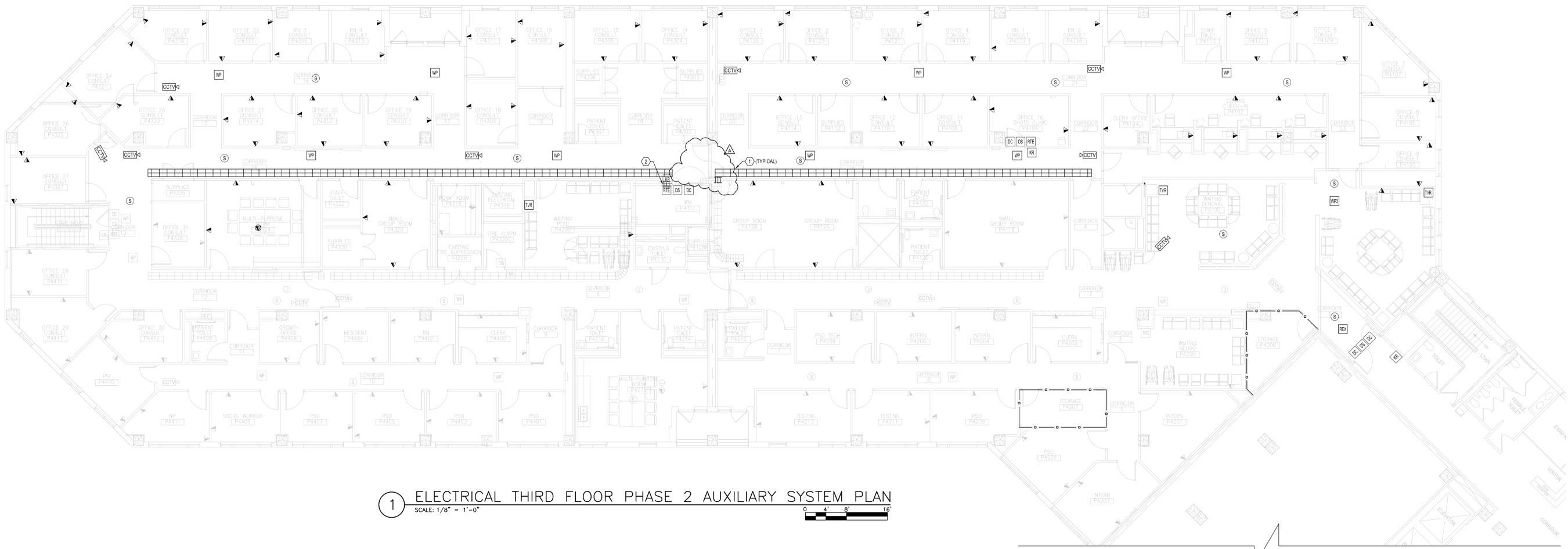
D. COORDINATE DEVICE LOCATIONS WITH CASEWORK INSTALLER AND FINAL EQUIPMENT LOCATIONS. ENSURE DEVICE LOCATIONS ARE NOT OBSTRUCTED BY FURNITURE OR IMPEDE EQUIPMENT OPERATION.

E. PROVIDE SHALLOW OUTLET BOX FOR ANY DEVICE LOCATED IN FURRING AT EXISTING SHEER WALL. COORDINATE DEPTH WITH GENERAL CONTRACTOR.

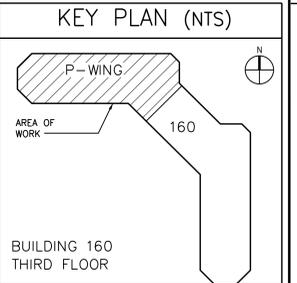
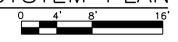
F. COORDINATE CABLING PORT LOCATIONS ON SWITCH ACCORDING TO CAMPUS STANDARD:

- FIRST THREE ROWS FOR PC, PHONE, AND PRINTER
- FOURTH ROW FOR SPECIALTY DEVICES
- LEFT HALF OF FIFTH ROW FOR CONTINGENCY
- RIGHT HALF OF FIFTH ROW FOR WIRELESS POE

G. REFER TO DETAILS ON DRAWING EY701 FOR ADDITIONAL TELECOMMUNICATIONS ROOM EQUIPMENT INFORMATION AND LAYOUT.



1 ELECTRICAL THIRD FLOOR PHASE 2 AUXILIARY SYSTEM PLAN
 SCALE: 1/8" = 1'-0"



100% FINAL CONSTRUCTION DOCUMENTS - FULLY SPRINKLERED

ADDENDUM A Revisions	3/25/16 Date	CONSULTANTS: FreemanWhite 8845 Red Oak Blvd. Charlotte, NC 28217-5593 Phone: 704.523.2230 Fax: 704.523.2235	 LeGrand Engineering, Inc. 215 Park Ave SE Aiken, SC 29801 Phone: 803.502.0657 Fax: 803.643.4648		ARCHITECT/ENGINEERS: Atriax, pllc 102 3rd Avenue, NE PO Box 1629, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964 www.atriaxgroup.com NC Engineering License No.: P-0214 NC Architectural License No.: 51254	Drawing Title ELECTRICAL THIRD FLOOR PHASE 2 AUXILIARY SYSTEM PLAN	Project Title RENOVATE P-SIDE FOR SUPER POD PHASE 2	Project Number 621-15-120 Building Number 160	Office of Construction and Facilities Management 	
	Approved Project Director						Location J.H. QUILLLEN VAMC MTN. HOME TN	Date DECEMBER 21, 2015	Checked RJM	Drawn SUB