

Plot Date: 4/27/2026 10:23:56 PM Path: Autodeskt Docs\NCWSA Admin Bldg\_V251616202-NCWSA-ELEC\_V25.vrt



**BROWN AND CALDWELL**  
900 HAMMOND DRIVE, SUITE 500  
ATLANTA, GA 30328



THIS DRAWING IS NOT VALID FOR CONSTRUCTION PURPOSES UNLESS IT BEARS THE SEAL AND SIGNATURE OF A DULY REGISTERED PROFESSIONAL

**60% DESIGN DOCUMENTS**



**NCWSA OFFICE ADDITION**

**REVISIONS**

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: MAP  
DRAWN: MAP  
CHECKED: JFW  
CHECKED:  
APPROVED:  
FILENAME  
BC PROJECT NUMBER 616202  
CLIENT PROJECT NUMBER

**FIRST FLOOR POWER & SYSTEMS PLAN - NEW WORK**

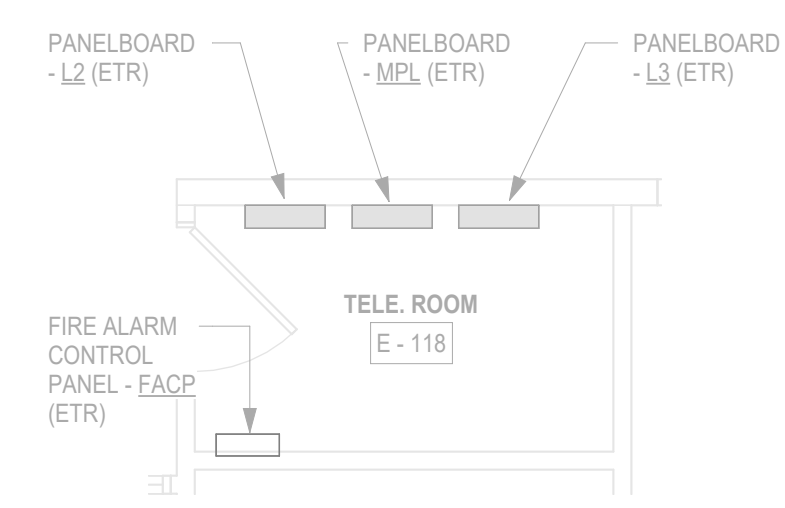
DRAWING NUMBER  
**E103**

**GENERAL NOTES:**

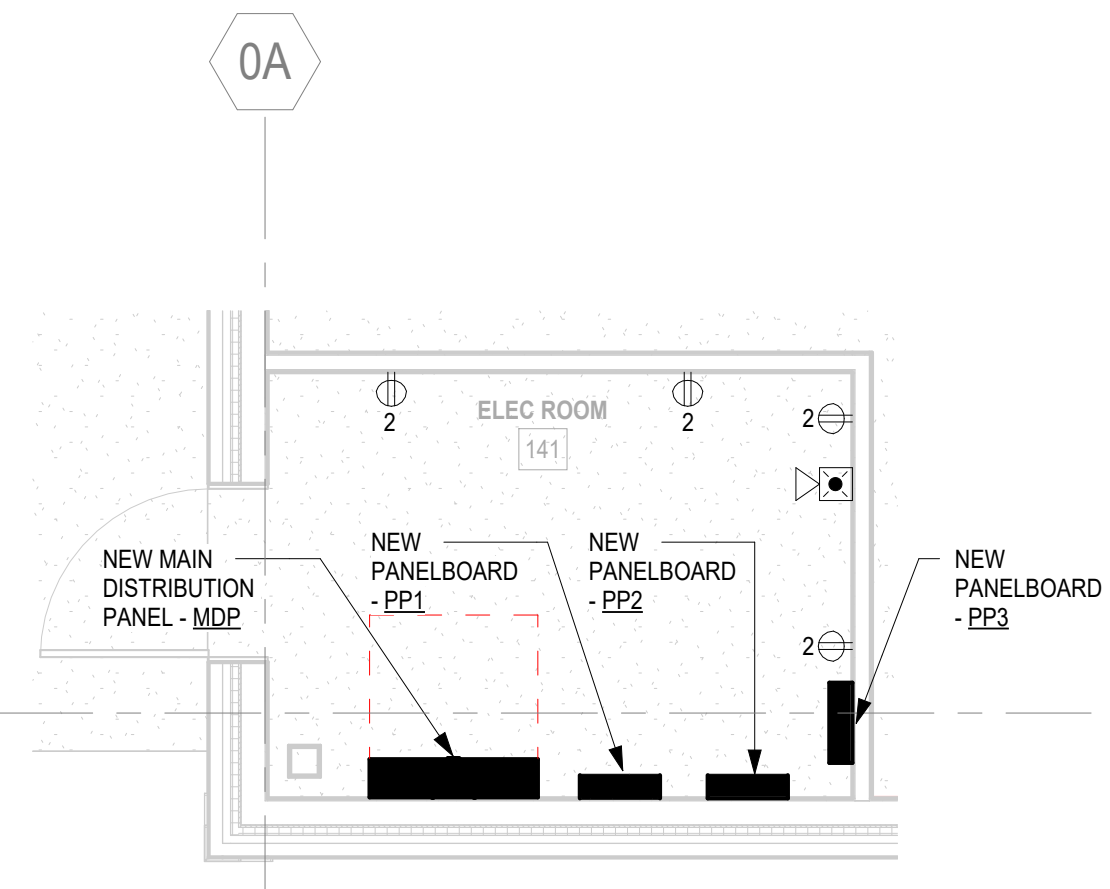
- A. UNLESS OTHERWISE NOTED, REFER TO DETAIL NO.1 ON SHEET E401 FOR ELECTRICAL EQUIPMENT MOUNTING HEIGHTS.
- B. REFER TO SHEET E502 FOR INFORMATION ON WIRING REQUIREMENTS FOR MECHANICAL EQUIPMENT SHOWN ON THIS SHEET.
- C. CONTRACTOR SHALL REVIEW & CONFIRM EXACT LOCATIONS OF ALL OUTLETS AND DATA DROPS WITH OWNER, PRIOR TO ROUGH-IN.
- D. UNLESS OTHERWISE NOTED, ALL RECEPTACLES SHOWN ON THIS SHEET SHALL BE FED FROM PANELBOARD PP2 LOCATED IN ELEC ROOM 141.
- E. UNLESS OTHERWISE NOTED, ALL EXTERIOR CCTV CAMERA BACK BOXES SHALL BE MOUNTED AT 12" ABOVE FINISHED GRADE. PROVIDE PENETRATIONS THROUGH EXTERIOR WALL AS NEEDED. ALL INTERIOR CCTV CAMERA BACK BOXES SHALL BE MOUNTED RECESSED ON CEILING. REFER TO DETAILS NO.4 & NO.5 ON SHEET E401 FOR MORE INFORMATION.

**# CONSTRUCTION NOTES:**

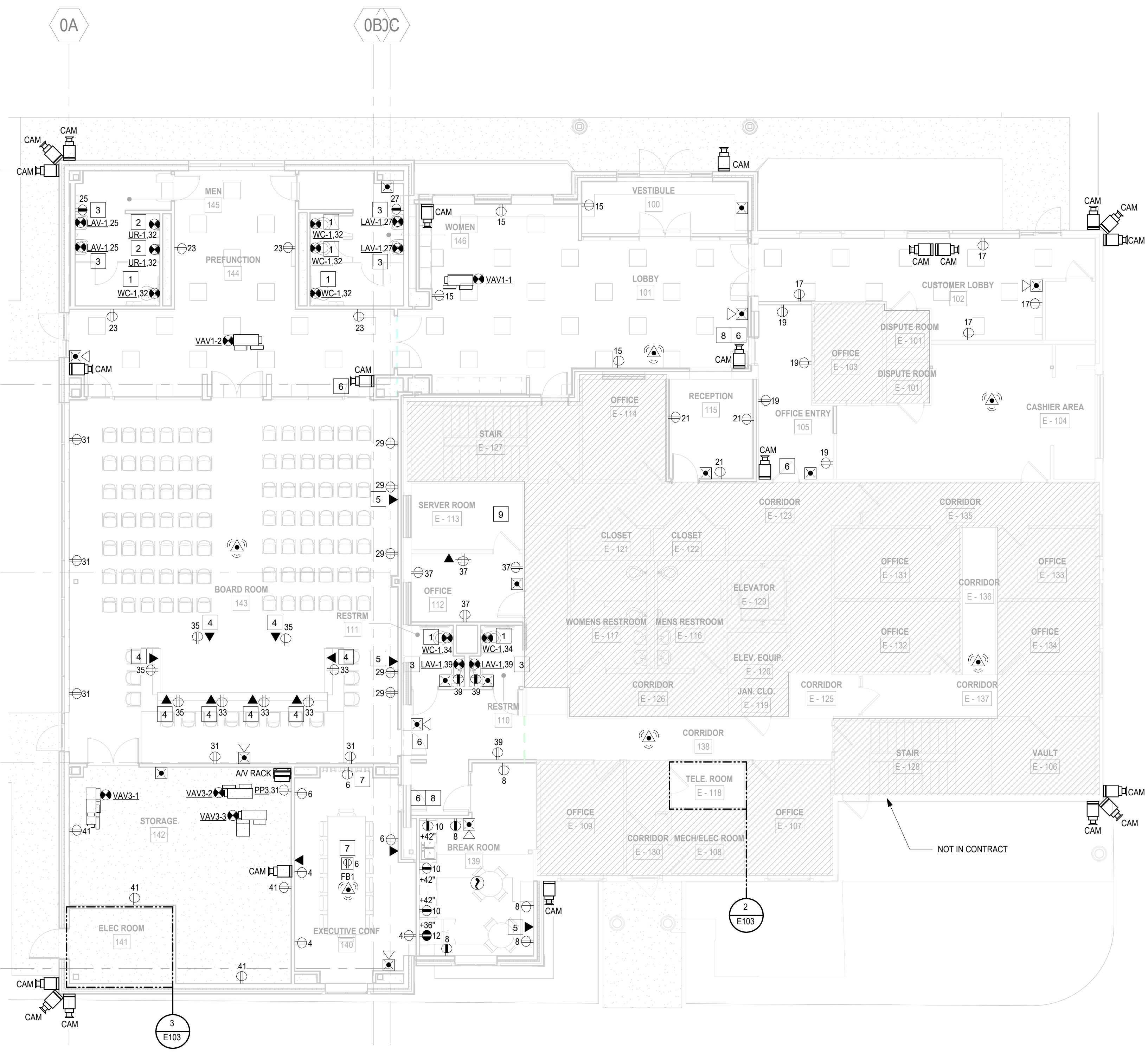
- 1. REFER TO DETAIL NO.5 ON SHEET E402 FOR WIRING REQUIREMENTS FOR WC-1.
- 2. REFER TO DETAIL NO.6 ON SHEET E402 FOR WIRING REQUIREMENTS FOR UR-2.
- 3. PROVIDE (1) DUPLEX RECEPTACLE AT THIS LOCATION FOR LAV-1 POWER. CIRCUIT AS INDICATED. MOUNT RECEPTACLE AT 24" ABOVE GRADE. REFER TO DETAIL NO.4 ON SHEET E402 FOR ADDITIONAL INFORMATION.
- 4. PROVIDE (1) 4"x4" FLOOR BOX, ROUTE 2" CONDUIT FROM FLOOR BOX TO AV RACK IN STORAGE ROOM 142.
- 5. PROVIDE (1) 4"x4" WALL BOX WITH IN WALL CHASE TO CEILING FOR TV. ROUTE 2" CONDUIT FROM WALL BOX TO AV RACK IN STORAGE ROOM 142.
- 6. PROVIDE (1) 4"x4" WALL BOX MOUNTED AT 48". STUB UP 2" LOW VOLTAGE CONDUIT FROM WALL BOX TO CEILING FOR ACCESS CONTROLS EQUIPMENT. EQUIPMENT WILL BE PROVIDED BY OTHERS.
- 7. PROVIDE (1) 4"x4" FLOOR BOX AND (1) 4"x4" WALL BOX. ROUTE WITH (2) 2" CONDUIT FROM FLOOR BOX TO WALL BOX IN ASSOCIATED ROOM. ROUTE (2) 2" CONDUIT FROM WALL BOX TO CEILING. REFER TO DETAIL NO.7 ON SHEET E402 FOR ADDITIONAL INFORMATION.
- 8. PROVIDE (2) 4" IN CEILING PENETRATIONS FOR LOW VOLTAGE PATHWAYS BETWEEN EXISTING BUILDING AND NEW BUILDING ADDITION.
- 9. PROVIDE LOW VOLTAGE PATHWAY FROM SERVER ROOM E-113 TO STORAGE ROOM 142, STORAGE 249, AND LOBBY 101.



**2 TELE. ROOM E - 118 POWER & SYSTEMS ENLARGED PLAN - NEW WORK**  
SCALE: 1/4" = 1'-0"



**3 MECH/ELEC ROOM 141 POWER & SYSTEMS ENLARGED PLAN - NEW WORK**  
SCALE: 1/4" = 1'-0"



**1 FIRST FLOOR POWER & SYSTEMS PLAN - NEW WORK**  
SCALE: 1/8" = 1'-0"

1 2 3 4 5 6

D  
01  
02  
C  
03  
04  
B  
05  
A

D  
B  
A