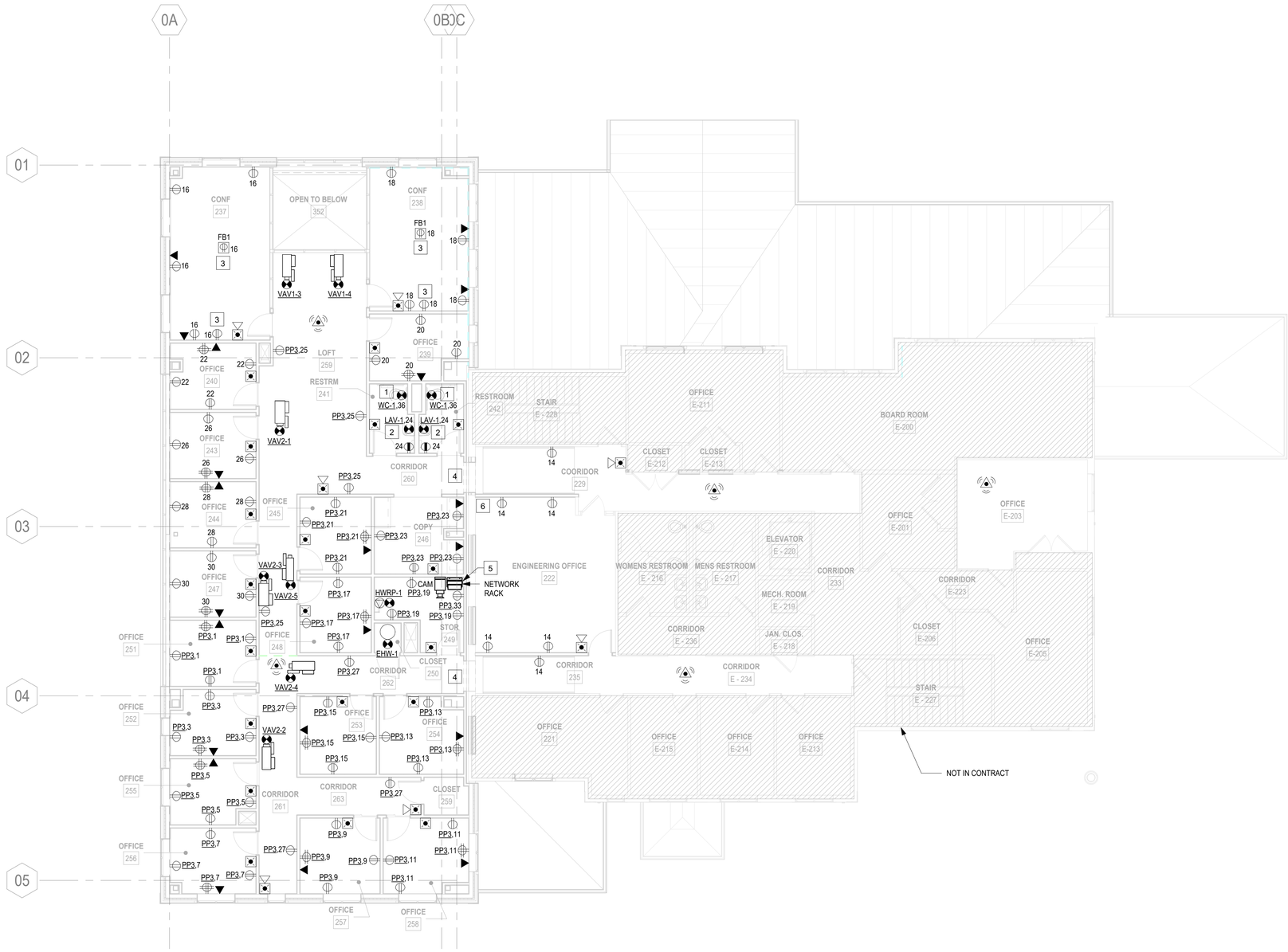

1 SECOND FLOOR POWER & SYSTEMS PLAN - NEW WORK
SCALE: 1/8" = 1'-0"

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.

CONSTRUCTION NOTES:

1. REFER TO DETAIL NO.5 ON SHEET E402 FOR WIRING REQUIREMENTS FOR WC-1.
2. 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.
3. 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.
4. PROVIDE (2) 4" CEILING PENETRATIONS FOR LOW VOLTAGE PATHWAYS BETWEEN THE EXISTING BUILDING AND THE NEW BUILDING ADDITION.
5. PROVIDE LOW VOLTAGE PATHWAY FROM NETWORK RACK TO SERVER ROOM E-113.
6. PROVIDE (4) 2" CONDUIT FROM SERVER ROOM E-113 INTO SECOND FLOOR CEILING.

Brown AND Caldwell
BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328
wendel

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

60% DESIGN DOCUMENTS

NCWSA
NEWTON COUNTY WATER & SEWERAGE AUTHORITY

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

SECOND FLOOR POWER & SYSTEMS PLAN - NEW WORK

DRAWING NUMBER
E104

Plot Date: 4/27/2026 10:18:50 PM Path:Autodesk Docs://NCWSA Admin Bldg_ V25/616202-NCWSA-ELEC_V25.rvt