GENERAL ELECTRICAL NOTES:

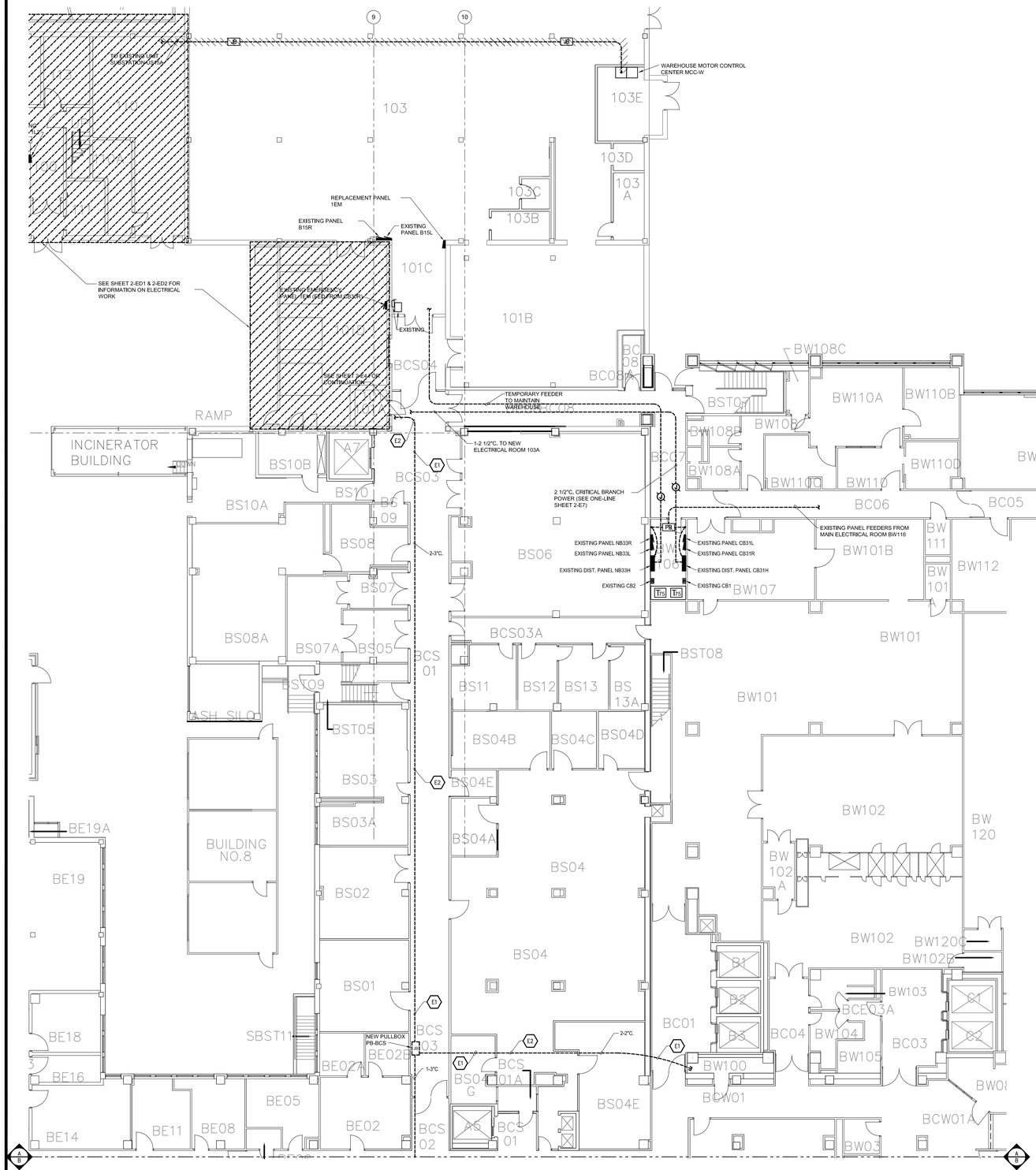
1. REFER TO ARCHITECTURAL DRAWING AND ELEVATIONS FOR FINAL LOCATIONS OF ALL DEVICES MOUNTED ABOVE COUNTER.
2. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR STANDARD MOUNTING HEIGHTS, EQUIPMENT DESCRIPTIONS AND EQUIPMENT FINAL LOCATIONS.
3. PROVIDE A GREEN INSULATED GROUNDING CONDUCTOR FOR ALL EQUIPMENT, LIGHT FIXTURES AND RECEPTACLES.
4. ALL COMBINATION TELEPHONE/DATA OUTLETS AND WALL TELEPHONE OUTLETS SHALL HAVE ONE (1) DOUBLE GANG BOX AND APPROPRIATE COVER PLATE. PROVIDE ONE (1) 1" CONDUIT FROM THE OUTLET BOX TO THE CORRIDOR CEILING SPACE CABLE TRAY, THE DEVICE, COVERPLATE, AND CABLING SHALL BE CONSIDERED BY ELECTRICAL CONTRACTOR.
5. REFER TO SHEET 2-E9 FOR MOTOR & EQUIPMENT WIRING, REFER TO SHEET 2-E8 FOR ELECTRICAL SYMBOLS LEGEND AND LIGHT FIXTURE SCHEDULE.
6. THE NEW AND RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING SIMPLEX 4100 FIRE ALARM SYSTEM. ANY NEW FIRE ALARM DEVICES SHALL MATCH EXISTING. UPGRADE SYSTEM PER SPECIFICATIONS.
7. AT LOCATIONS WHERE ELECTRICAL DRAWINGS SHOW A NEW DEVICE IN AN EXISTING TO REMAIN WALL, ELECTRICAL CONTRACTOR SHALL CUT AND PATCH THE WALL AS REQUIRED TO RECESS THE BACKBOX AND ROUTE THE CONDUIT CONCEALED.
8. AT LOCATIONS WHERE A POWER RECEPTACLE IS INSTALLED WITHIN 6 FEET OF A LAVATORY, SINK, OR OTHER WATER SOURCE, THE RECEPTACLE SHALL BE GFI PROTECTED.

REFERENCED ELECTRICAL NOTES:

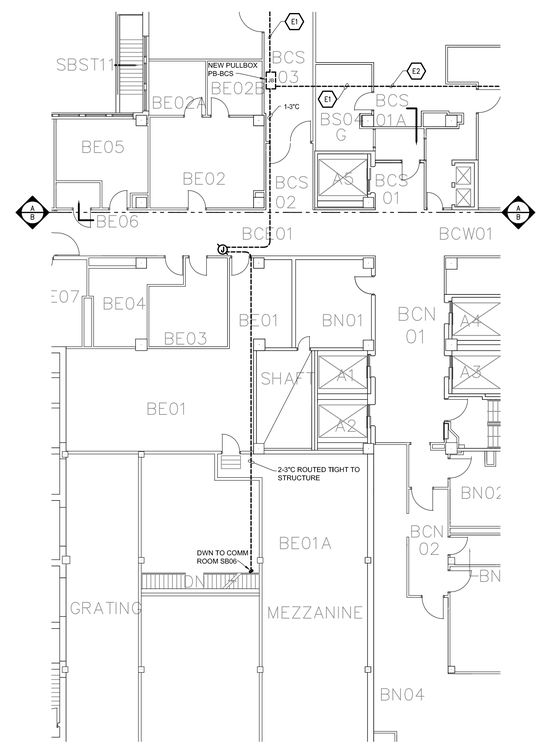
E1 PROVIDE TWO(2) 3" CONDUITS FROM NEW PULLBOX PB-BCS TO NEW IT ROOM 108. PROVIDE TWO(2) 2" CONDUITS FROM PULLBOX PB-BCS TO EXISTING IT ROOM BW100. CONDUITS SHALL BE ROUTED CONCEALED IN THE CEILING CAVITY. CONTRACTOR SHALL BE RESPONSIBLE FOR CEILING REMOVAL AND RE-INSTALLATION AS REQUIRED FOR CONDUITS INSTALLATION.

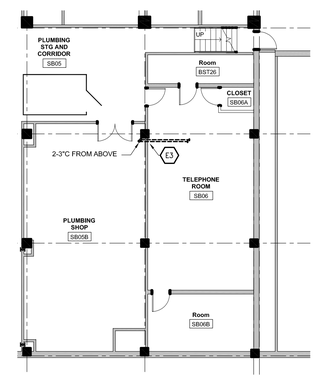
E2 PROVIDE ONE(1) FIBER LINE FROM EXISTING IT ROOM 1W100 TO NEW IT ROOM 108 ROUTED IN ONE OF THE CONDUITS. PROVIDE ONE(1) COPPER MULTI-CONDUCTOR LINE FROM EXISTING IT ROOM SB06 TO NEW IT ROOM 108 ROUTED IN THE SECOND CONDUIT. THE FIBER LINE (FR2) SHALL BE 12mm, 62.5/125 MICRON FIBER. THE COPPER LINE SHALL BE TWO(2) 100 PAIR MULTI-CONDUCTOR 24AWG, CATEGORY 3 CABLES. CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATIONS AT BOTH ENDS. CONTRACTOR SHALL PROVIDE ST CONNECTORS TO BOTH ENDS OF THE FIBER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION, TESTING, AND LABELING OF THE SPECIFIED COPPER AND FIBER LINES.

E3 COORDINATE EXACT LOCATION OF NEW CONDUITS IN THE WALL WITH VA IT GROUP AND TERMINATE CONDUITS AT EXISTING ROOM SB06 CABLE TRAY.

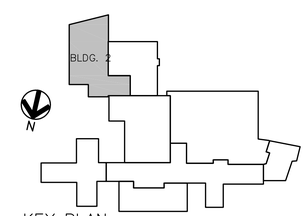


ELECTRICAL PLAN - BASEMENT LEVEL
3/32" = 1'-0"





ELECTRICAL PLAN - SUB-BASEMENT LEVEL
3/32" = 1'-0"



KEY PLAN
NOT TO SCALE

2-1

Revisions	Date

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Drawing Title: ELECTRICAL FEEDER ROUTING PLANS

Project Title: RENOVATE AND EXPAND SPACE FOR PATIENT SUPPORT AREAS

Date 12-05-2014 CONSTRUCTION DOCUMENTS

Project No. DVA#636-311 S-H#110240-0

Approved: Division Chief

Approved: Service Director

Building Number 2 | Checked JJH | Drawn DMM

Location: IOWA CITY VA HEALTH CARE SYSTEM, IOWA CITY, IOWA

DRAWING NO. 2-E6

Dwg. 10 Of 15

Veterans Administration