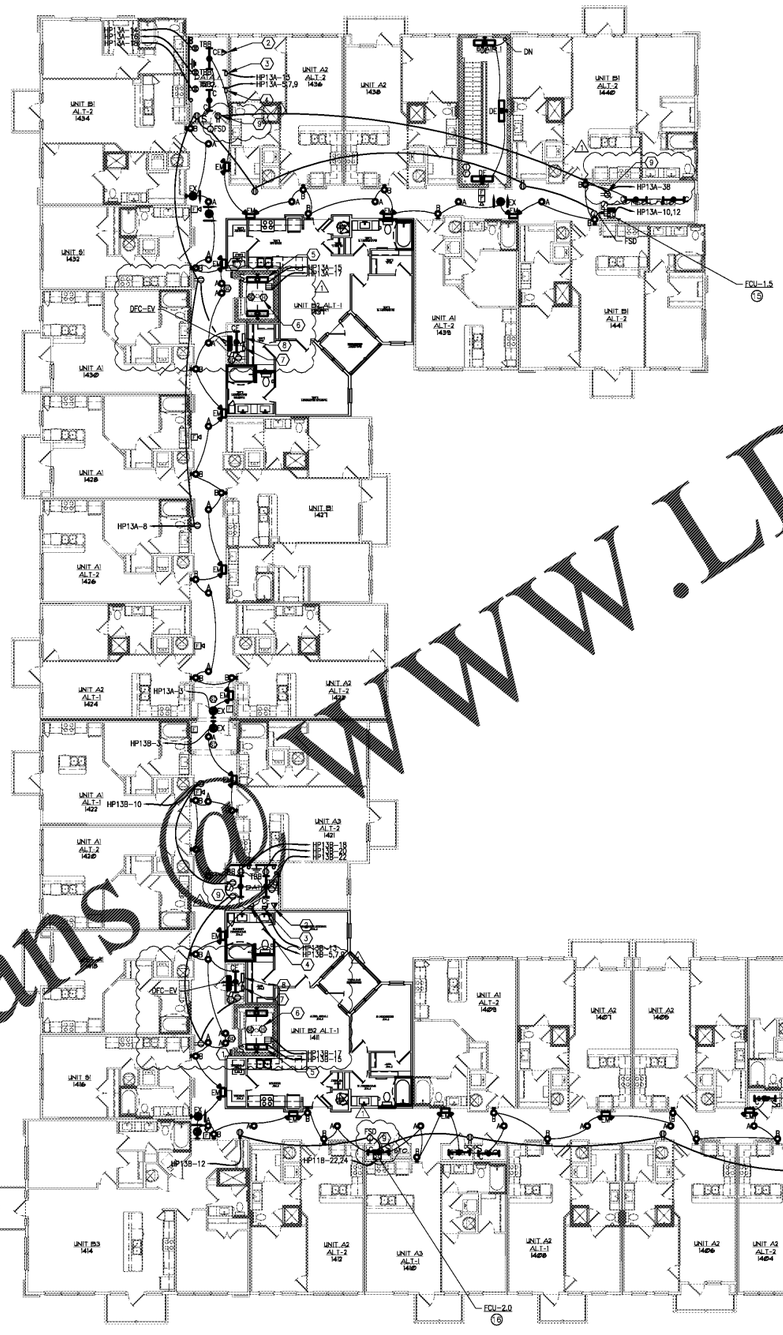

1 Building 1 - Fourth Level - Electrical
Scale: 3/32" = 1'-0"

GENERAL NOTES (THIS SHEET ONLY)

1. (f) INDICATES HVAC EQUIPMENT. SEE E6-01 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
2. DO NOT INSTALL DEVICES BACK TO BACK IN ANY FIRE RATED WALL. PROVIDE MINIMUM 24" HORIZONTAL SPACE BETWEEN SUCH OUTLETS
3. SEAL ALL PENETRATIONS IN EVERY FIRE RATED WALL AND FLOOR PER UL TO MAINTAIN THE WALL AND FLOOR ORIGINAL RATING
4. FINAL LIGHTING LOCATIONS AND SELECTIONS TO BE DETERMINED BY ARCHITECT/INTERIOR DESIGNER
5. PROVIDE #10 CONDUCTORS FOR ANY 120V CIRCUIT OVER 100'. PROVIDE #8 CONDUCTOR FOR ANY CIRCUIT OVER 150'
6. PROVIDE CONNECTION TO FIRE ALARM CONTROL PANEL FROM ALL FIRE ALARM DEVICES
7. TYPE N.M. WIRING FOR BRANCH CIRCUIT WIRING FOR TYPE III, IV AND V CONSTRUCTION IF ACCEPTABLE TO LOCAL AUTHORITY HAVING JURISDICTION. PROVIDE M.C. CABLE OR WIRE/EMT CONDUIT FOR BRANCH CIRCUITS IN ALL OTHER CONSTRUCTION TYPES AND IN RETURN AIR PLENUM ROOMS OR SPACES.
8. COORDINATE LOCATION AND QUANTITY OF FIRE/SMOKE AND/OR SMOKE DAMPERS WITH MECHANICAL CONTRACTOR PRIOR TO BID. COORDINATION OF LOCATIONS AND QUANTITIES WILL OVERRIDE LOCATIONS AND QUANTITIES INDICATED ON ELECTRICAL DRAWINGS. PROVIDE A 120V UNSWITCHED CIRCUIT TO EACH FIRE/SMOKE DAMPER AND/OR SMOKE DAMPER. PROVIDE A DUCT MOUNTED SMOKE DETECTOR IN FIRE/SMOKE DAMPER SHAFT. CONNECT DUCT MOUNTED SMOKE DETECTOR AND FIRE/SMOKE AND/OR SMOKE DAMPERS TO FIRE ALARM SYSTEM. A CHANGE ORDER WILL NOT BE ALLOWED FOR LACK OF COORDINATION BETWEEN THE ELECTRICAL AND MECHANICAL CONTRACTOR FOR LOCATION AND QUANTITY OF FIRE/SMOKE DAMPER AND/OR SMOKE DAMPERS.
9. SEE SHEETS E1.1 THRU E1.10 FOR TYPICAL UNIT PLANS.
10. ALL CEILING MOUNTED CORRIDOR LIGHTING FIXTURES ARE TYPE 'A'.
11. ALL UNIT ENTRY WALL SCONCE LIGHTING FIXTURES ARE TYPE 'B'.
12. ALL STRIP FIXTURES ARE TYPE 'C/CE'.
13. ALL STAIRWELL FIXTURES ARE TYPE 'DE'.
14. ALL EMERGENCY LIGHTING FIXTURES ARE TYPE 'EM'.
15. ALL EXIT SIGNS ARE TYPE 'X'.

KEY NOTES

1. PROVIDE TWO WAY COMMUNICATIONS. COORDINATE EXACT LOCATION AND SYSTEM REQUIREMENTS WITH FIRE DEPARTMENT AND MANUFACTURER PRIOR TO COMMENCEMENT OF WORK. INSTRUCTIONS FOR REQUESTING ASSISTANCE VIA THE TWO WAY COMMUNICATION SYSTEM AND WRITTEN IDENTIFICATION OF FIRE LOCATIONS SHALL BE POSTED ADJACENT TO EACH BOX IN ELEVATOR CABS.
2. PROVIDE ONE DEDICATED TELEPHONE LINE FOR ELEVATOR CABIN, TERMINATE AT CONTROLLER. COORDINATE LOCATION WITH FINAL ELEVATOR SHOP DRAWINGS PRIOR TO INSTALLATION.
3. PROVIDE FUSIBLE DISCONNECT SWITCH 30/2/15AF FOR ELEVATOR CAB LIGHTS. PROVIDE AUXILIARY CONTACTS AS REQUIRED BY ELEVATOR INSTALLER.
4. ELEVATOR CONTROLLER FUSIBLE DISCONNECT. PROVIDE 100/3/90AF DISCONNECT SWITCH FOR CONNECTION TO ELEVATOR CONTROLLER WITH 3#2(CU), #8(CU)G, 2"C. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE AND REQUIREMENTS PRIOR TO ROUGH-IN. PROVIDE AUXILIARY CONTACTS AS REQUIRED BY ELEVATOR INSTALLER.
5. COORDINATE LOCATION OF LIGHT FIXTURE, SWITCH AND RECEPTACLE WITH ELEVATOR VENDOR PRIOR TO INSTALLATION.
6. MOUNT SMOKE AND HEAT DETECTOR IN TOP OF SHAFT. INTERFACE WITH FIRE ALARM SYSTEM, ELEVATOR CONTROLLER
7. ELEVATOR NON-FUSED SAFETY DISCONNECT SWITCH FED FROM FUSIBLE DISCONNECT SWITCH IN ELEVATOR CONTROL ROOM. PROVIDE A 100A/3P/NF DISCONNECT FOR CONNECTION TO ELEVATOR CONTROLLER. PROVIDE AUXILIARY CONTACTS AS REQUIRED BY ELEVATOR INSTALLER.
8. ELEVATOR CONTROLLER. CONTRACTOR SHALL PROVIDE (3) RELAYS FOR ELEVATOR RECALL SYSTEM. RECALL SYSTEM SHALL PROVIDE PRIMARY RECALL, SECONDARY RECALL, AND SHUNT TRIP FUNCTIONS. RECALL SHALL BE PROVIDED FOR EACH ELEVATOR SYSTEM. COORDINATE WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
9. PROVIDE ONE OUTLET AT DOOR HEAD HEIGHT FOR SUB METER TRANSMITTERS, ACCESS CONTROL HARDWARE, AND ADDITIONAL MODEM OR TELECOM EQUIPMENT. COORDINATE EXACT EQUIPMENT REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN.

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03-19-2021

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Borough 33
an Apartment Community by
33 Broad MF, LLC
in Chattanooga, Tennessee

Drawing Title:
Building 1
Building Plan - Electrical

E2.1d

REVISED FOR CONSTRUCTION