

**1** POWER FOURTH FLOOR PLAN  
 SCALE: 1/8"=1'-0"

**GENERAL NOTES:**

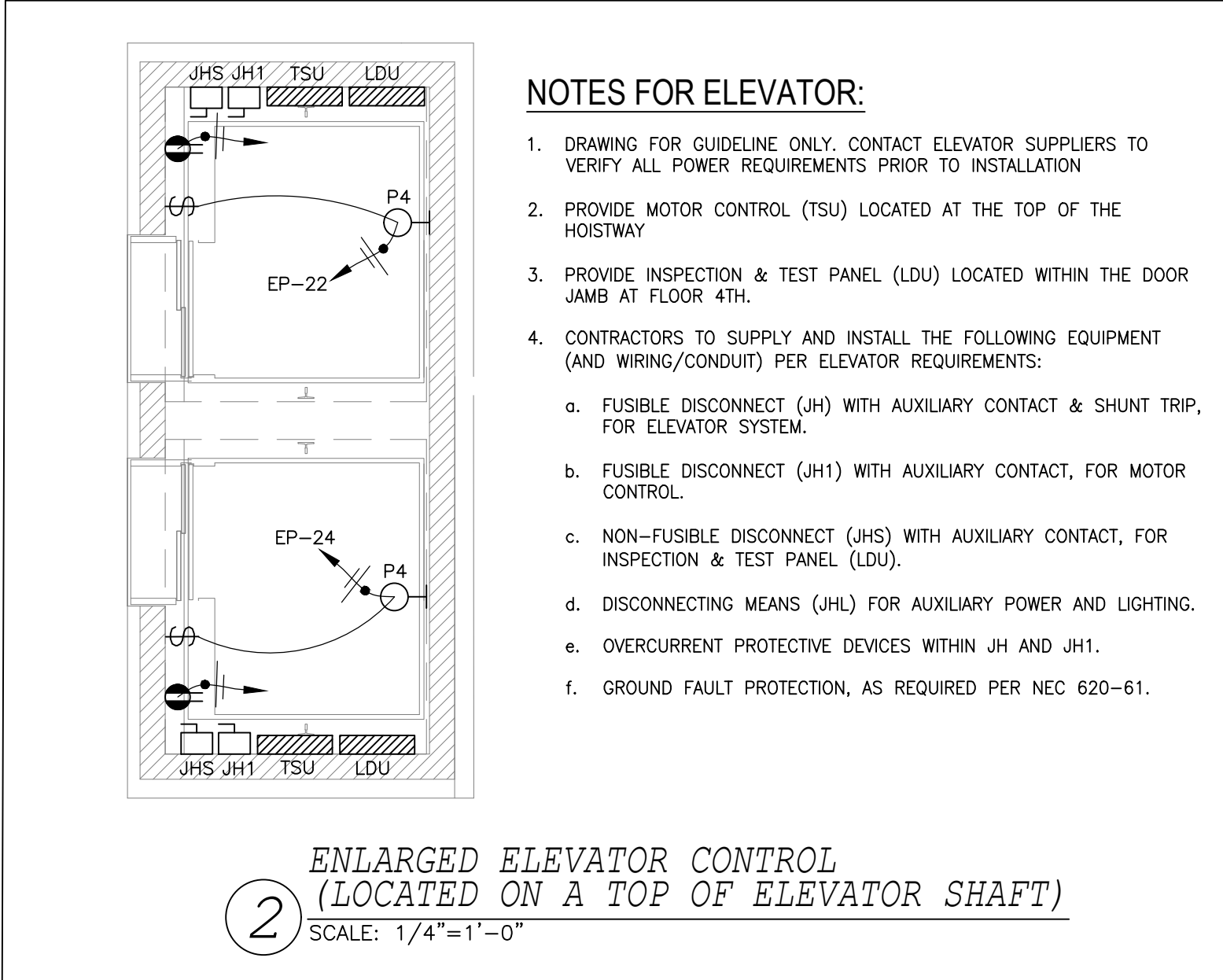
- FOR ALL HOME RUNS (FROM UNITS) 100 FT OR MORE, THE ELECTRICAL CONTRACTOR HAS TO CHECK THE VOLTAGE DROP AND SELECT THE SUITABLE CABLES SIZE TO COMPLY WITH THE MAXIMUM ALLOWED VOLTAGE DROP FOR THE FEEDER CONDUCTORS (3%), THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.
- THE CONTRACTOR SHALL VERIFY WITH THE OWNER FOR THE APPROVED BRANDS/ MODELS/ QUANTITY & LOCATION OF THE LOW VOLTAGE SYSTEM DEVICES (CAMERA, CARD READER, WIRELESS ACCESS POINT, INTERCOM, ETC.) AND PROVIDE ALL NECESSARY ACCESSORIES TO COMPLETE THE WIRING, POWER SUPPLY FOR THE DEVICES AS PER THE MANUFACTURER SPECIFICATIONS/ INSTALLATION GUIDELINES.
- CONTRACTOR HAVE TO INSTALL APPROVED MOBILE KEY CERTIFIED RFID LOCK SYSTEM WITH "BLUETOOTH LOW ENERGY (BLE) KEY READER ON ALL DOORS INCLUDING, BUT NOT LIMITED TO, GUESTROOM ENTRIES, GUEST ACCESSED FACILITIES, EXTERIOR ENTRANCES, PARKING, MEETING SPACES, AND BACK OF HOUSE DOORS AT THE FRONT DESK/CHECK-IN STATION, AND FRONT OFFICE.

**NOTE FOR EMERGENCY RESPONDER RADIO COVERAGE SYSTEM:**

- CONTRACTOR SHALL PROVIDE EMERGENCY POWER (CIRCUIT EP-14) FOR EMERGENCY RESPONDER RADIO SYSTEM AT 4TH FLOOR USING 2#12, 1/2"C.

**NOTE FOR FIRE SMOKE DAMPER:**

- CONTRACTOR SHALL PROVIDE J-BOXES FOR FIRE SMOKE DAMPERS AT 4TH FLOOR, CONNECT TO L2.B-50, USING 2#12, 1/2"C.



- NOTES FOR ELEVATOR:**
- DRAWING FOR GUIDELINE ONLY, CONTACT ELEVATOR SUPPLIERS TO VERIFY ALL POWER REQUIREMENTS PRIOR TO INSTALLATION
  - PROVIDE MOTOR CONTROL (TSU) LOCATED AT THE TOP OF THE HOISTWAY
  - PROVIDE INSPECTION & TEST PANEL (LDU) LOCATED WITHIN THE DOOR JAMB AT FLOOR 4TH.
  - CONTRACTORS TO SUPPLY AND INSTALL THE FOLLOWING EQUIPMENT (AND WIRING/CONDUIT) PER ELEVATOR REQUIREMENTS:
    - FUSIBLE DISCONNECT (JH) WITH AUXILIARY CONTACT & SHUNT TRIP, FOR ELEVATOR SYSTEM.
    - FUSIBLE DISCONNECT (JH1) WITH AUXILIARY CONTACT, FOR MOTOR CONTROL.
    - NON-FUSIBLE DISCONNECT (JHS) WITH AUXILIARY CONTACT, FOR INSPECTION & TEST PANEL (LDU).
    - DISCONNECTING MEANS (JHL) FOR AUXILIARY POWER AND LIGHTING.
    - OVERCURRENT PROTECTIVE DEVICES WITHIN JH AND JH1.
    - GROUND FAULT PROTECTION, AS REQUIRED PER NEC 620-61.