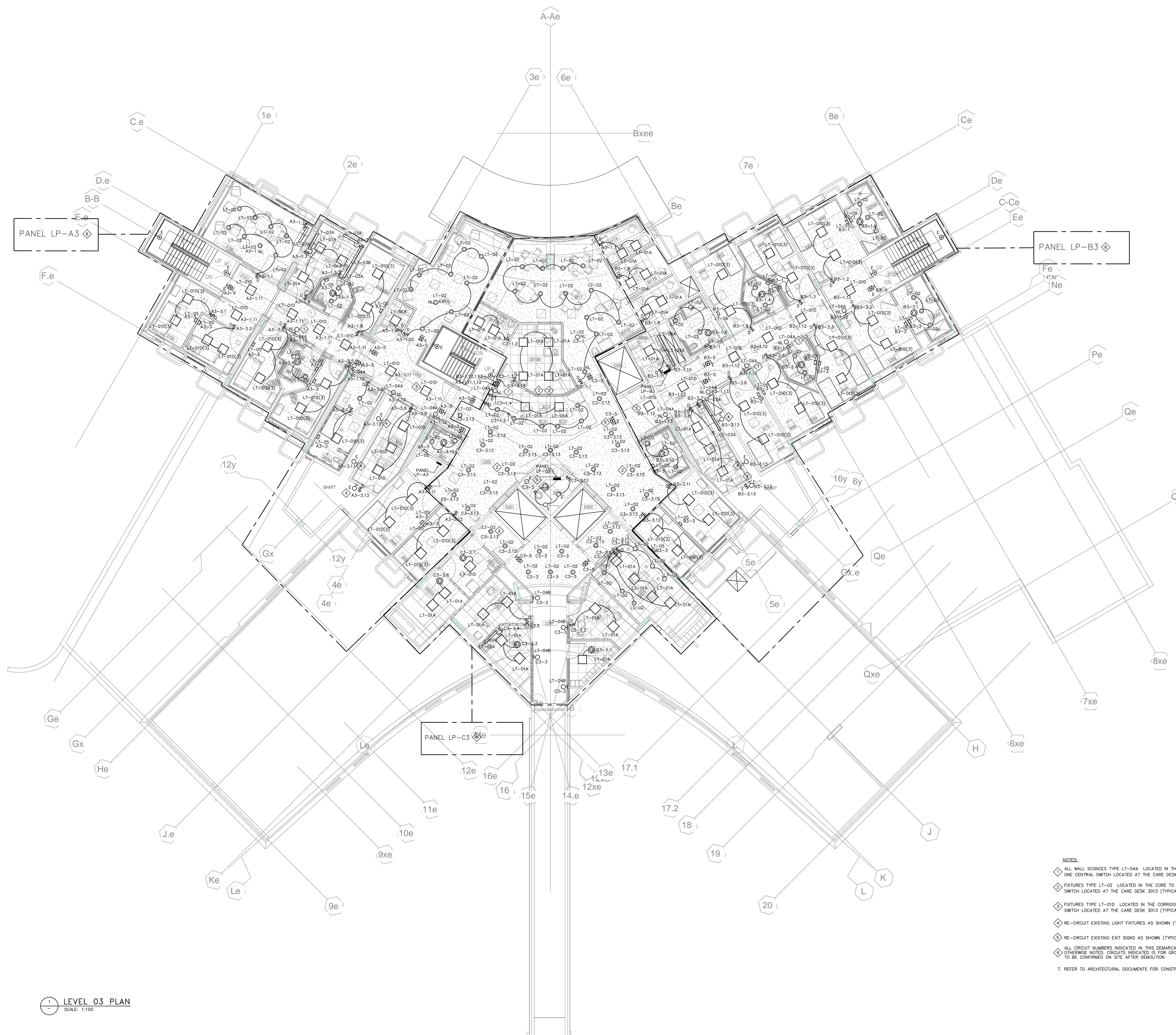


Project No.: 210029 Checked by: IM

© 2022 The Cannon Corporation

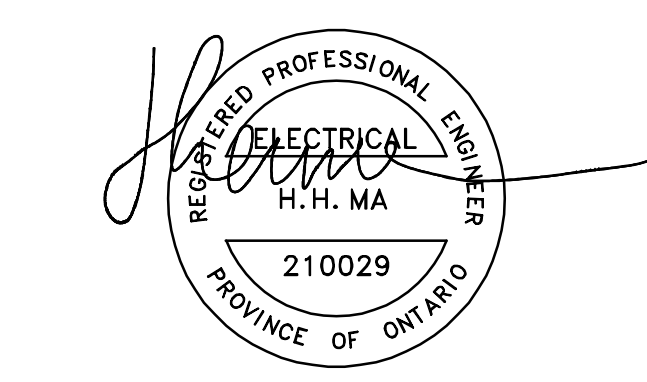


**NOTES:**

- ① ALL WALL SCONES TYPE LT-04A LOCATED IN THE CORRIDOR TO BE CONTROLLED BY ONE CENTRAL SWITCH LOCATED AT THE CARE DESK 303 (TYPICAL FOR ALL).
- ② FIXTURES TYPE LT-02 LOCATED IN THE CORE TO BE CONTROLLED BY ONE CENTRAL SWITCH LOCATED AT THE CARE DESK 303 (TYPICAL).
- ③ FIXTURES TYPE LT-01D LOCATED IN THE CORRIDOR TO BE CONTROLLED BY ONE CENTRAL SWITCH LOCATED AT THE CARE DESK 303 (TYPICAL FOR ALL).
- ④ RE-CIRCUIT EXISTING LIGHT FIXTURES AS SHOWN (TYPICAL FOR ALL).
- ⑤ RE-CIRCUIT EXISTING SIGNS AS SHOWN (TYPICAL FOR ALL).
- ⑥ ALL CROULT NUMBER INDICATED IN THIS DEMONSTRATION SHALL BE PREFIX WITH "LR-" UNLESS OTHERWISE NOTED. CROULT INDICATED IS FOR GROUPING PURPOSES ONLY. EXACT CROULT NUMBER TO BE CONFIRMED ON SITE AFTER CONSTRUCTION.
- ⑦ REFER TO ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING REQUIREMENTS.

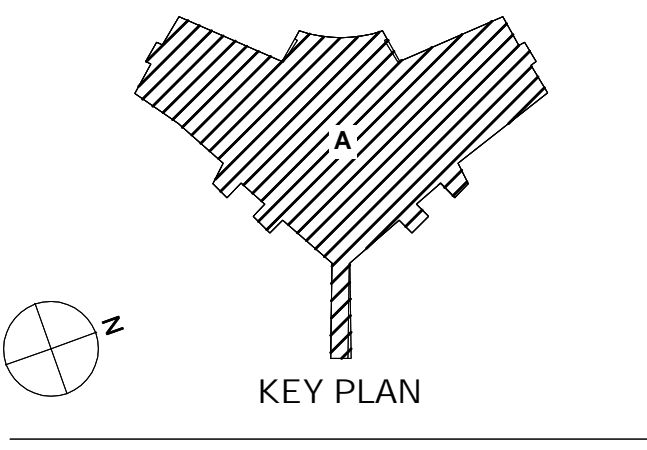
1 LEVEL 03 PLAN  
SCALE: 1:100





ISSUED FOR CONSTRUCTION  
27 JUNE 2024

Rev.	Description	Date
5	ISSUED FOR CONSTRUCTION	06/27/2024
4	STAGE 4 SUBMISSION	11/23/2022
3	QA/QC 95% CDs	11/01/2022
2	LEVEL 03 RENOVATIONS - STAGE 3 SUBMISSION	06/30/2021
1	ISSUED FOR REVIEW	06/15/2021

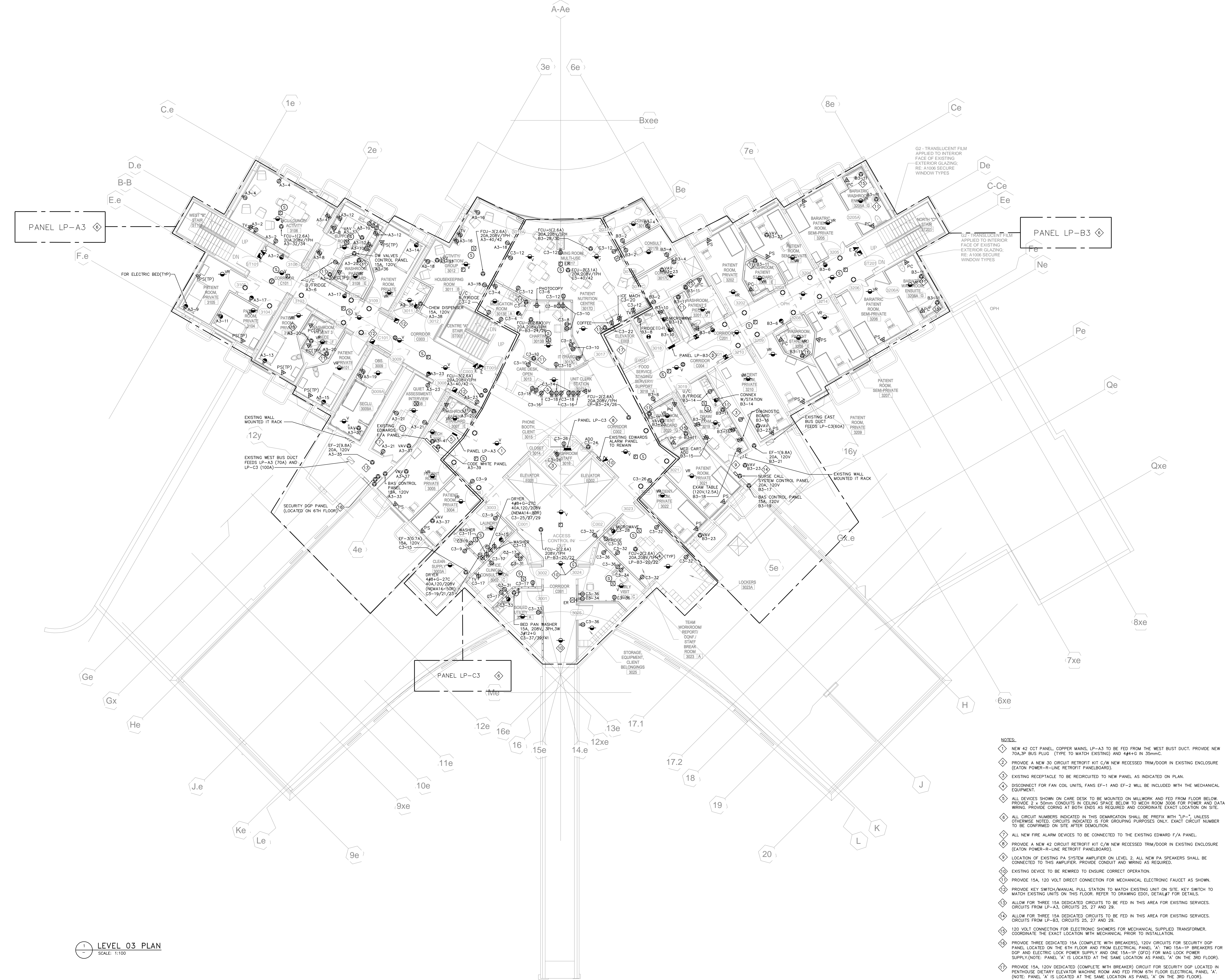


Drawing Title:

LEVEL 03 FLOOR PLAN  
POWER & SYSTEMS

Project No.: 210029 Checked by: IM

E03



- NOTES:
- NEW 42 COT PANEL, COPPER MANS, LP-A3 TO BE FED FROM THE WEST BUST DUCT. PROVIDE NEW 15A-UP BUS FLUG (TYPE TO MATCH EXISTING) AND 444-2 IN 50mm.
  - PROVIDE A NEW 30 CIRCUIT RETROFIT KIT C/W NEW RECESSED TRIM/DOOR IN EXISTING ENCLOSURE (EATON POWER-R-LINE RETROFIT PANELBOARD).
  - EXISTING RECEPTACLE TO BE REWIRING TO NEW PANEL AS INDICATED ON PLAN.
  - DISCONNECT FOR FAN COIL UNITS, FANS EF-1 AND EF-2 WILL BE INCLUDED WITH THE MECHANICAL EQUIPMENT.
  - ALL DEVICES SHOWN ON CARE DESK TO BE MOUNTED ON MILLWORK AND FED FROM FLOOR BELOW. PROVIDE 2 x 50mm CONDUITS IN CEILING SPACE BELOW TO MECH ROOM 3006 FOR POWER AND DATA WIRING. PROVIDE CORING AT BOTH ENDS AS REQUIRED AND COORDINATE EXACT LOCATION ON SITE.
  - ALL CIRCUIT NUMBERS INDICATED IN THIS DEMARCATION SHALL BE PREFIX WITH "LP-" UNLESS OTHERWISE NOTED. CIRCUITS INDICATED IS FOR GROUPING PURPOSES ONLY. EXACT CIRCUIT NUMBER TO BE CONFIRMED ON SITE AFTER DEMOLITION.
  - ALL NEW FIRE ALARM DEVICES TO BE CONNECTED TO THE EXISTING EDWARD F/A PANEL.
  - PROVIDE A NEW 42 CIRCUIT RETROFIT KIT C/W NEW RECESSED TRIM/DOOR IN EXISTING ENCLOSURE (EATON POWER-R-LINE RETROFIT PANELBOARD).
  - LOCATION OF EXISTING PA SYSTEM AMPLIFIER ON LEVEL 2. ALL NEW PA SPEAKERS SHALL BE CONNECTED TO THIS AMPLIFIER. PROVIDE CONDUIT AND WIRING AS REQUIRED.
  - EXISTING DEVICE TO BE REWIRING TO ENSURE CORRECT OPERATION.
  - PROVIDE 15A, 120 VOLT DIRECT CONNECTION FOR MECHANICAL ELECTRONIC FAUCET AS SHOWN.
  - PROVIDE KEY SWITCH/MANUAL PULL STATION TO MATCH EXISTING UNIT ON SITE. KEY SWITCH TO MATCH EXISTING UNITS ON THIS FLOOR. REFER TO DRAWING E001, DETAIL#7 FOR DETAILS.
  - ALLOW FOR THREE 15A DEDICATED CIRCUITS TO BE FED IN THIS AREA FOR EXISTING SERVICES. CIRCUITS FROM LP-A3, CIRCUITS 25, 27 AND 29.
  - ALLOW FOR THREE 15A DEDICATED CIRCUITS TO BE FED IN THIS AREA FOR EXISTING SERVICES. CIRCUITS FROM LP-B3, CIRCUITS 25, 27 AND 29.
  - PROVIDE THREE DEDICATED 15A (COMPLETE WITH BREAKERS), 120V CIRCUITS FOR SECURITY DGP PANEL LOCATED ON THE 6TH FLOOR AND FROM ELECTRICAL PANEL 'A'. TWO 15A-1P BREAKERS FOR DGP AND ELECTRIC LOCK POWER SUPPLY AND ONE 15A-1P (GFCI) FOR MAG LOCK POWER SUPPLY.(NOTE: PANEL 'A' IS LOCATED AT THE SAME LOCATION AS PANEL 'A' ON THE 3RD FLOOR).
  - PROVIDE 15A, 120V DEDICATED (COMPLETE WITH BREAKER) CIRCUIT FOR SECURITY DGP LOCATED IN PENHOUSE DETARY ELEVATOR MACHINE ROOM AND FED FROM 6TH FLOOR ELECTRICAL PANEL 'A'. (NOTE: PANEL 'A' IS LOCATED AT THE SAME LOCATION AS PANEL 'A' ON THE 3RD FLOOR).
  - REFER TO ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING REQUIREMENTS.

LEVEL 03 PLAN  
SCALE: 1:100



## TOANCHE - LEVEL 03

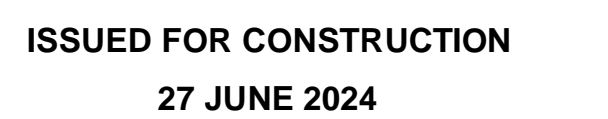
**CANNONDESIGN**

[www.cannondesign.com](http://www.cannondesign.com)

**MULVEY & BANANI**  
Electrical Engineer  
90 Sheppard Ave. E Suite 500  
North York, ON M2N 3A1, Canada  
416.751.2520

**HH Angus & Associates Ltd**  
Mechanical Engineer  
1127 Leslie St.  
North York, ON M3C 2J6, Canada  
416.443.8200

**Stephenson Engineering Ltd**  
Structural Engineer  
2550 Victoria Park Ave. #602  
North York, ON M2J 5A9, Canada  
416.635.9970



## ELECTRICAL PANEL SCHEDULES AND DETAIL

---

Project No.: 210029                      Checked by: IM

---

Project No.: 210029                      Checked by: IM

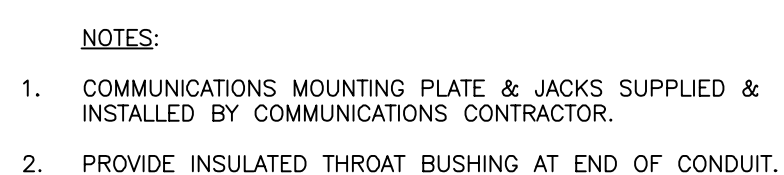
## E04

© 2022 The Canon Corporation

3 PANEL SCHEDULE LP-C3  
E04 SCALE: N.T.S.

2 PANEL SCHEDULE LP-B3  
E04 SCALE: N.T.S.

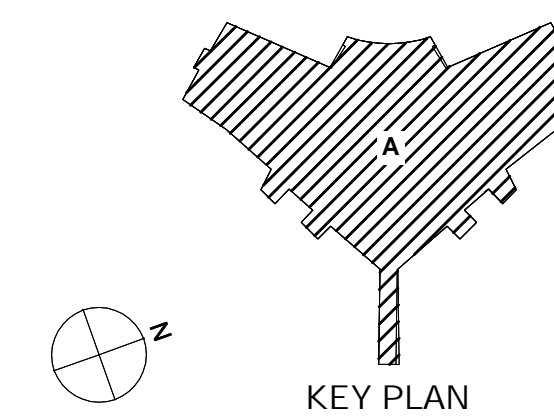
1 PANEL SCHEDULE LP-A3  
E04 SCALE: N.T.S.



4 COMBO POWER/COMMUNICATION WALL OUTLET DETAIL  
E04 SCALE: N.T.S.



Rev.	Description	Date
5	ISSUED FOR CONSTRUCTION	06/27/2024
4	STAGE 4 SUBMISSION	11/23/2022
3	QA/QC 95% CDs	11/01/2022
2	LEVEL 03 RENOVATIONS - STAGE 3 SUBMISSION	06/30/2021
1	ISSUED FOR REVIEW	06/15/2021



Drawing Title:

LEVEL 03 DEMOLITION  
PLAN - ELECTRICAL

Project No.: 210029 Checked by: IM

ED01

DEMOLITION GENERAL NOTES:

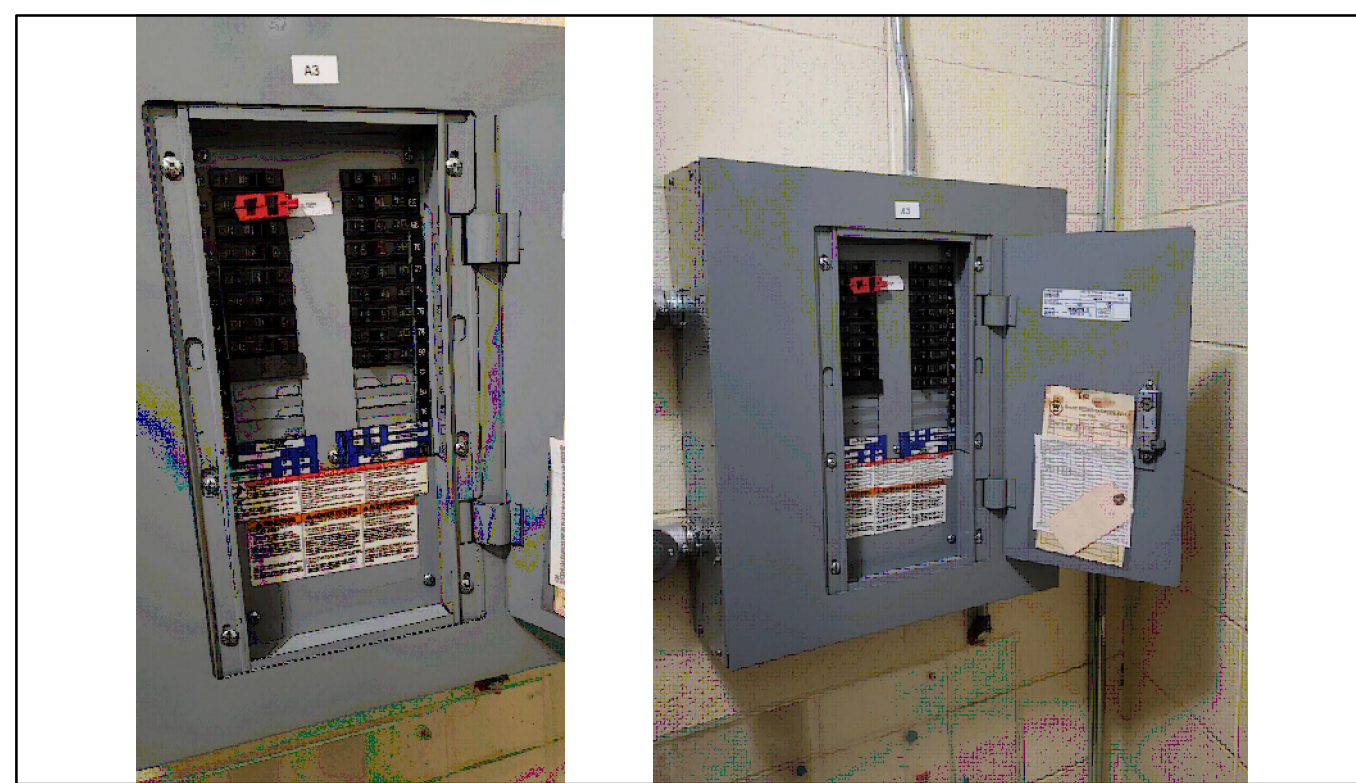
- THE ELECTRICAL CONTRACTOR SHALL INSPECT THE SITE AND SHALL INVESTIGATE ALL CONDITIONS UNDER WHICH THIS WORK WILL BE PERFORMED. THIS SHALL INCLUDE DETERMINATION OF EXACT LOCATIONS OF ITEMS INDICATED ON THE DRAWINGS AS EXISTING.
- REVIEW AND CONFIRM WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR THE COMPLETE EXTENT OF NECESSARY REMOVAL, RELOCATION, RECONNECTING AND REROUTING OF ELECTRICAL DEVICES AND SERVICES AS REQUIRED.
- THE SCOPE OF WORK INCLUDES DISCONNECTION AND REMOVAL OF ALL EXISTING ELECTRICAL EQUIPMENT, CONDUITS, WIRING, FITTINGS, DEVICES, ETC. IN THE WORK AREA INDICATED UNLESS OTHERWISE NOTED.
- USE CAUTION TO AVOID DAMAGE TO EXISTING SERVICES AND/OR HARM TO PERSONNEL ENGAGED IN WORKING IN ADJACENT AREAS THAT ARE TO REMAIN OCCUPIED.
- IN AREAS WHERE EXISTING ELECTRICAL EQUIPMENT IS TO REMAIN AND IF EXISTING CIRCUIT AND SYSTEM WIRING IS PRESENTLY ROUTED OUTSIDE DESIGNATED AREAS WHERE EXISTING MATERIALS AND/OR EQUIPMENT ARE TO BE REMOVED, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL RACEWAYS, BOXES, AND NEW WIRING AS REQUIRED TO MAINTAIN EXISTING CIRCUIT AND SYSTEM WIRING TO COMPONENTS WHICH ARE TO REMAIN.
- EXISTING ABANDONED CONDUIT, OUTLETS AND BOXES MAY BE USED AT THE OPTION OF THE ELECTRICAL CONTRACTOR PROVIDED THAT THEY ARE COMPATIBLE FOR USE WITH THIS PROJECT DESIGN, SPECIFICATIONS AND MEET THE REQUIREMENTS OF THE O.E.S.C. AND LOCAL GOVERNING AUTHORITIES.
- EXISTING CONDUIT, WIRING, DEVICES AND OUTLET BOXES, UNLESS NOTED OTHERWISE, WHICH ARE CONCEALED IN EXISTING WALLS AND/OR CEILINGS WHICH ARE TO BE REMOVED SHALL BE DE-ENERGIZED AND REMOVED BY THE ELECTRICAL CONTRACTOR. THE ABOVE ITEMS WHEN FOUND CONCEALED IN EXISTING WALLS AND CEILINGS WHICH ARE TO REMAIN, SHALL BE ABANDONED, WIRING REMOVED AND OUTLETS BLANKED WITH VANDAL PROOF SCREWS BY THE ELECTRICAL CONTRACTOR.
- EXISTING CONDUIT, WIRING, DEVICES AND OUTLET BOXES, UNLESS NOTED OTHERWISE, WHICH ARE SURFACE MOUNTED ON EXISTING WALLS AND/OR CEILINGS WHICH ARE BEING REMOVED SHALL BE DE-ENERGIZED BY THE ELECTRICAL CONTRACTOR AND REMOVED. THE ABOVE ITEMS WHEN FOUND SURFACE MOUNTED ON EXISTING WALLS AND CEILINGS WHICH ARE TO REMAIN SHALL BE DE-ENERGIZED BY THE ELECTRICAL CONTRACTOR AND REMOVED.
- WHERE EXISTING DEVICE OUTLETS ARE INDICATED ON PLAN TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ON THAT DEVICE ALL NECESSARY OUTLET BOX EXTENSIONS OF THE PROPER TYPE AND SIZE AS MAY BE REQUIRED TO ACCOMMODATE ANY NEW WALL FINISH, COVERING OR MATERIAL. THIS WORK SHALL ALSO INCLUDE THE REINSTALLATION AND RECONNECTION OF THE DEVICE AS MAY BE REQUIRED.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INTEGRITY AND CONDITION OF EXISTING FEEDERS AND BRANCH CIRCUITS WHICH ARE TO REMAIN IN SERVICE. ALL DAMAGED OR NONFUNCTIONAL WIRING SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANT AND THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL RETURN ALL REMOVED, EXISTING AND REUSABLE EQUIPMENT TO THE OWNER. ALL OTHER MATERIALS SHALL BE DISPOSED OF IN AN ACCEPTABLE MANNER AS DIRECTED IN THE FIELD BY THE GENERAL CONTRACTOR.
- ALL EXISTING ELECTRICAL EQUIPMENT SHALL BE PROPERLY PROTECTED AGAINST DAMAGE DURING THE PERIOD OF THIS RENOVATION.

NOTES:

- EXISTING LIFE SAFETY SPEAKER AND SMOKE DETECTOR LIFE SAFETY CIRCUITS LOCATED IN NEW DRY WALL CEILING CORRIDOR (BETWEEN WEST STAIR 'B' AND CENTRE 'A' STAIR ARE TO BE LOWERED FOR NEW FIRE DEVICES AS SHOWN ON DRAWING E-03. EXISTING LIFE SAFETY CIRCUITS AS REQUIRED. EXISTING SURFACE MOUNTED LIFE SAFETY SPEAKER AND SMOKE DETECTORS ARE TO BE REMOVED.

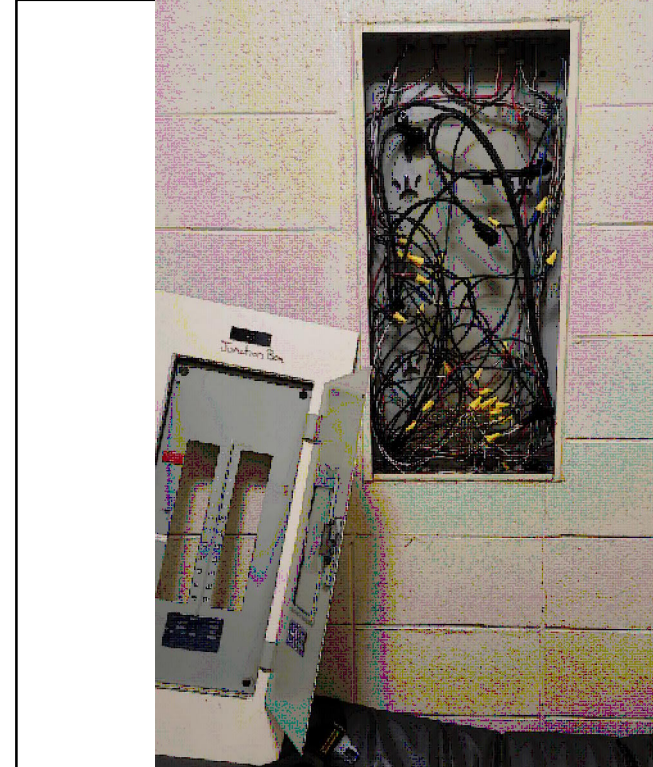
◇ NOT USED.

◇ EXISTING LIGHT FIXTURE BACK BOX TO REMAIN AND TO BE REUSED FOR NEW LIGHT FIXTURE AS SHOWN ON DRAWING E-02.



2 PHOTO OF EXISTING PANEL LP-A3

SCALE: N.T.S.



3 PHOTO OF EXISTING TUB

SCALE: N.T.S.



7 PHOTO OF EXISTING KEY SWITCH/MAN PULL STATION

SCALE: N.T.S.



4 PHOTO OF EXISTING PANEL LP-B3

SCALE: N.T.S.



6 PHOTO OF EXISTING BUS PLUG

SCALE: N.T.S.



5 PHOTO OF EXISTING PANEL LP-C3

SCALE: N.T.S.

1 LEVEL 03 PLAN  
SCALE: 1:100