



**GROUNDING NOTES:**

1. GROUND FENCE AS SHOWN, CONNECT FENCE AT EACH CORNER POST, END POSTS SHALL BE 12' HIGH.
2. NO INTERFERING OBJECTS TO EXISTING CONNECTIONS. FENCE MUST BE CONNECTED AGAINST THE INGLE TO THE FENCE POST BY A 2/0 COPPER AT LEAST 12" HIGH.
3. ALL UNDERGROUND CONNECTIONS TO BE MADE USING "COWLED" TYPE EXTERIOR JOINTS. UNMOUNTED JOINTS MADE AT GROUND WIRE CROSSING POINTS.
4. THE TOP CONDUCTOR FROM THE GROUND GRID SHALL BE CONNECTED TO THE EXISTING 1/2" DIA. GALV. STEEL ROD WITH 1/2" DIA. COPPER WELDING. THE 1/2" DIA. GALV. STEEL ROD OF THE BARBED WIRE WITH U-BOLT CONNECTORS, AND WITH THE TOP RAIL AT EVERY JOINT USING 2/0 COPPER WIRE.
5. REMOVE PAST FROM ANY GROUND SURFACE BEFORE MAKING A GROUND CONNECTION.
6. PROVIDE A GROUND SURFACE COVERING LAYER CONSISTING OF CRUSHED ROCK, 1/2" TO 3/4" MAX. SIZE, 4" THICK, OVER THE ENTIRE AREA. CRUSHED ROCK SHALL BE FREE OF FILL, DEBRIS AND OTHERS. THE ENTIRE AREA CRUSHED ROCK SHALL BE FREE OF FILL, DEBRIS AND OTHERS. SHALL PROVIDE 300mm cover BETWEEN SOIL CRUSHED ROCK AND GROUND SURFACE.

ELECTRICAL NOTES:

INDICATED BY THE  SYMBOL ON THE DRAWINGS. (I.E.  INDICATES NOTE 1)

NOTE 1: METERS SHALL BE SCHNEIDER POWERLOGIC PMS563 OR EQUIVALENT C/W ETHERNET & INTEGRATED DISPLAY. PROVIDE METER C/W CTS, PTS AND ALL REQUIRED ACCESSORIES. INSTALL METER INTEGRAL TO PANEL.

NOTE 2: SPARE PANEL FOR FUTURE CAMPLISTS OR OTENTIKS ADDITION. PANEL SHALL INCLUDE 5 X 30A, 2P SPARE CIRCUIT BREAKERS AND 10 X 50A, 1P SPARE CIRCUIT BREAKERS.

NOTE 3: FEED CAMPSITES: 67, 68, 69, 70, 71, 72 AND 73 FROM NEW 120/208V PANEL IN EXISTING WASHROOM 20/208V CABINETS AS SHOWN ON DRAWING E2. INSTALL NEW PANEL ADJACENT TO THE EXISTING 120/208V, 400A, 3Ø, 4W PANEL STUB-UP ALL CAMPSITES RACEWAY INSIDE THE EXISTING ELECTRICAL CLOSET. ALLOW FOR ALL REQUIRED CUTTING, PATCHING, PAINTING AND CORE DRILLING. RESTORE BUILDING CONDITION TO MATCH EXISTING.

NOTE 4: USE LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT FOR FINAL CONNECTION.  
BUILDING CONDITION TO MATCH EXISTING.

NOTE: IN ONE CASE FROM FIELDWORK, NEW ELECTRICAL BUILDING 'B1', WORK UNDER THIS SCOPE 5: THE INTENT IS TO REFEED WASHROOM 22 FROM NEW ELECTRICAL BUILDING 'B1'. WORK UNDER THIS SCOPE SHALL INCLUDE:

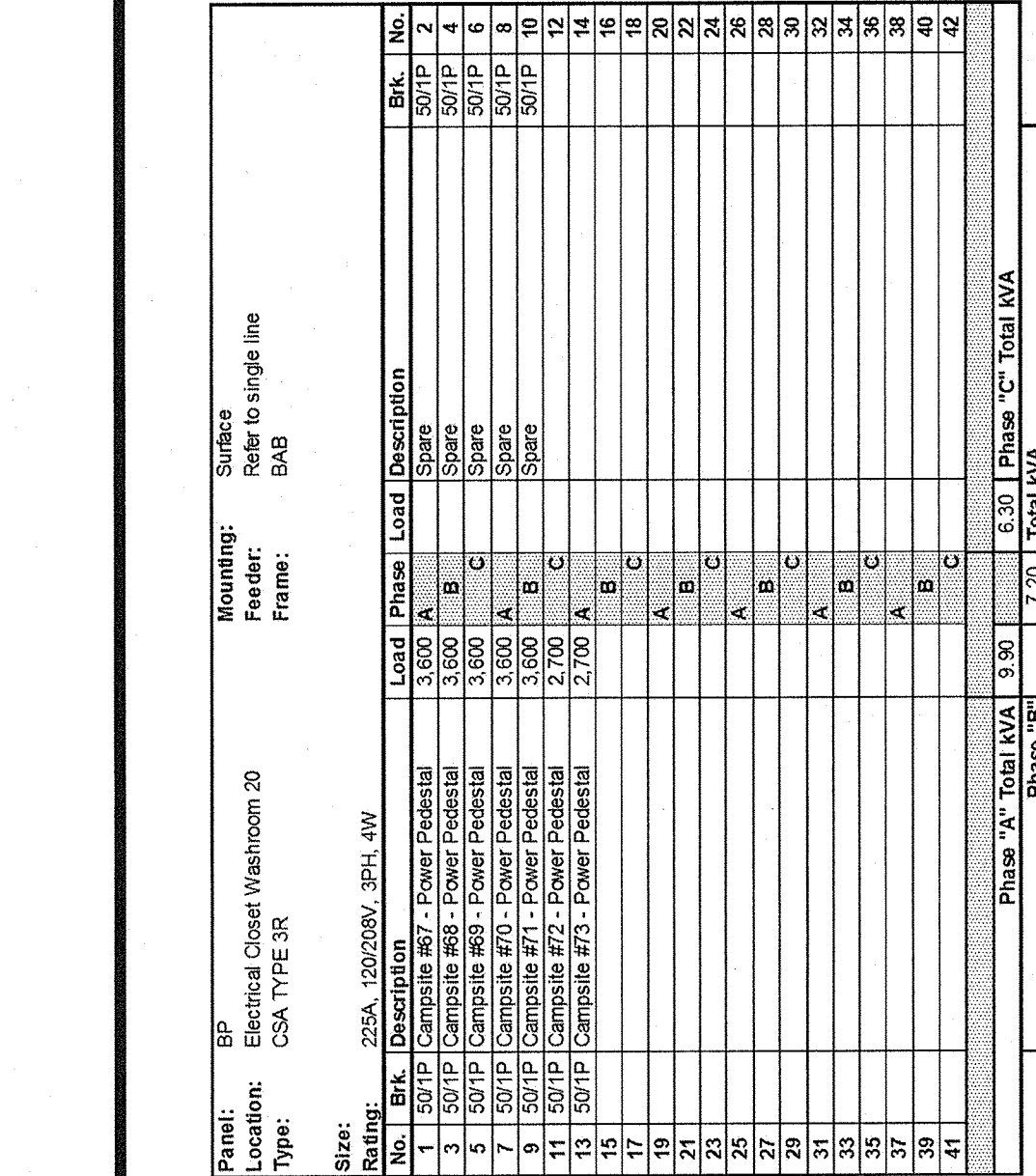
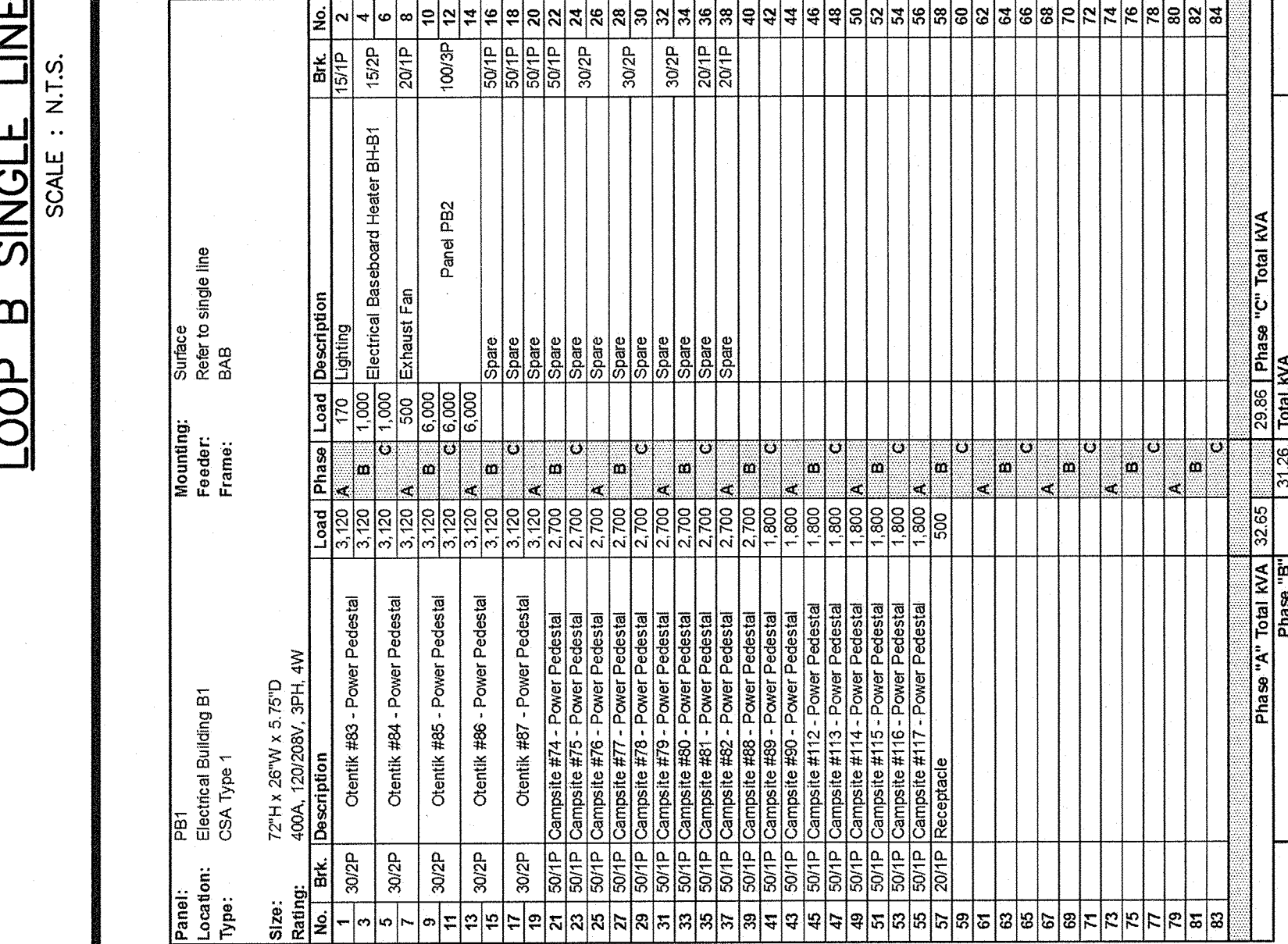
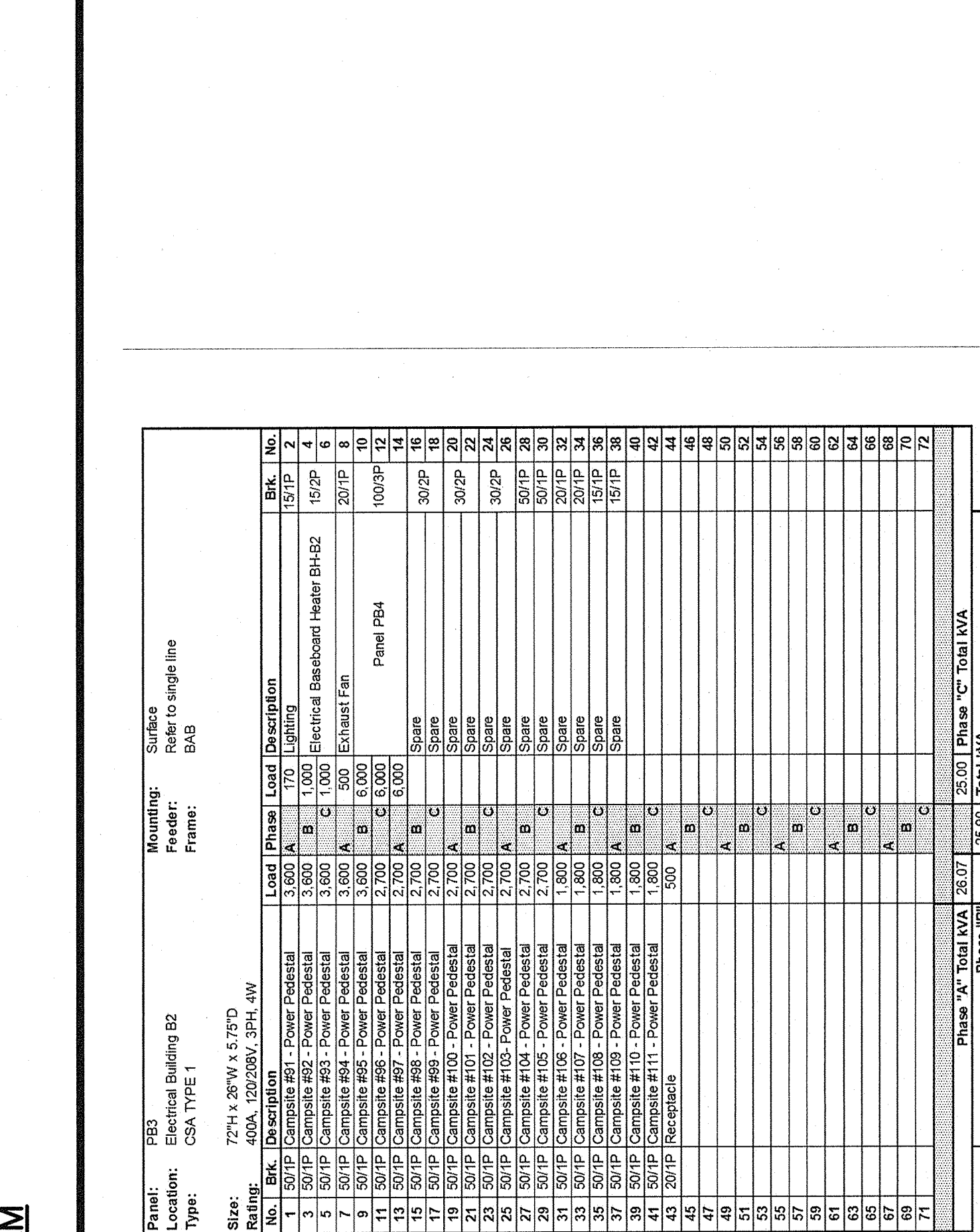
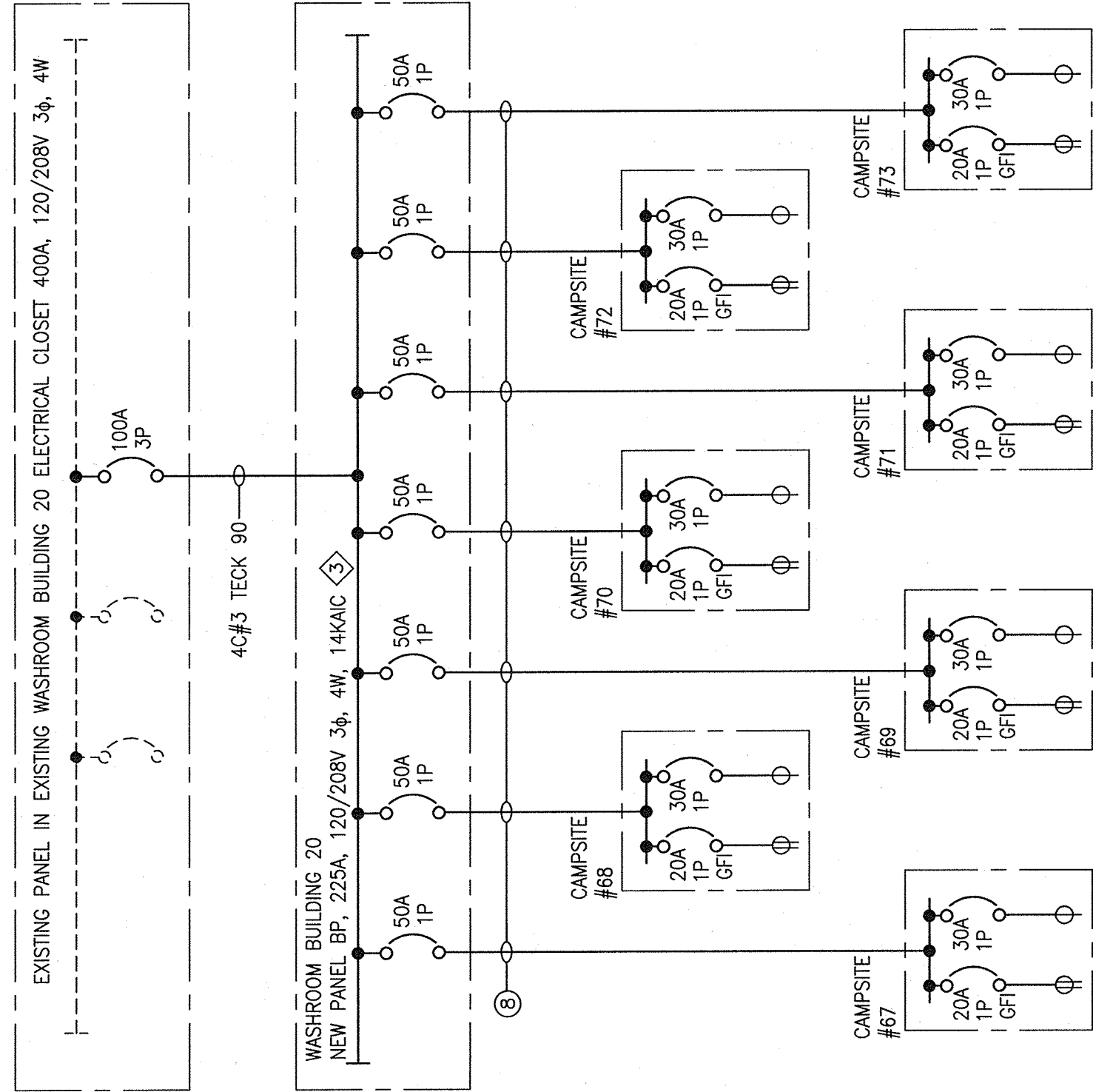
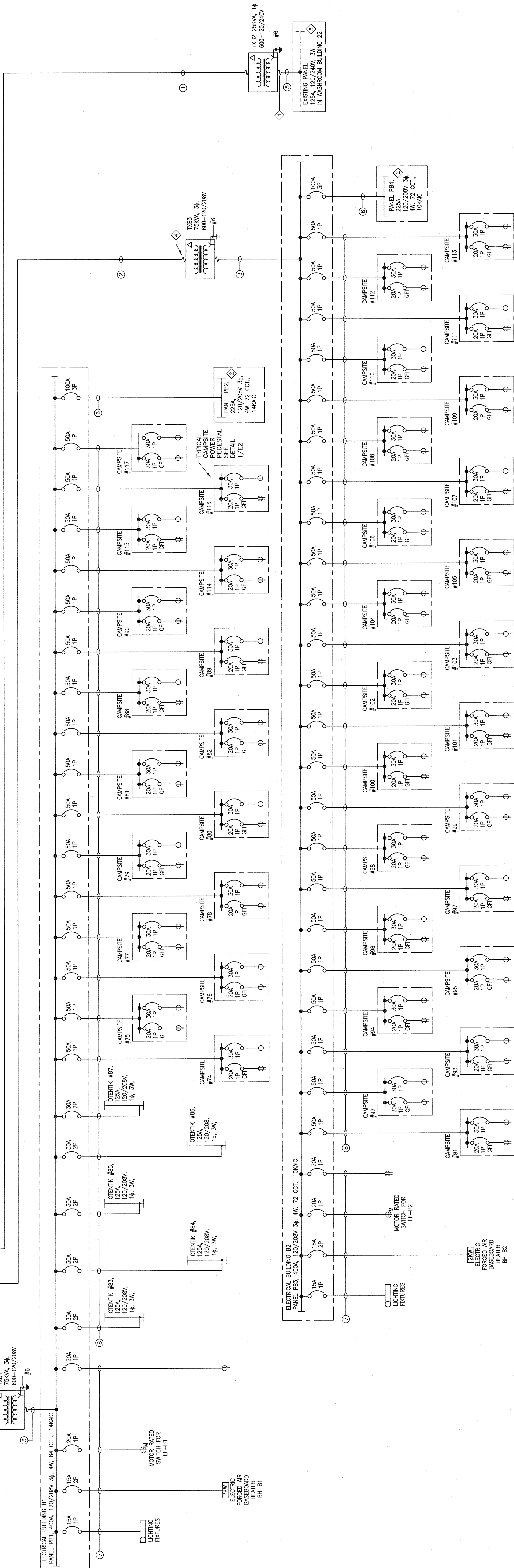
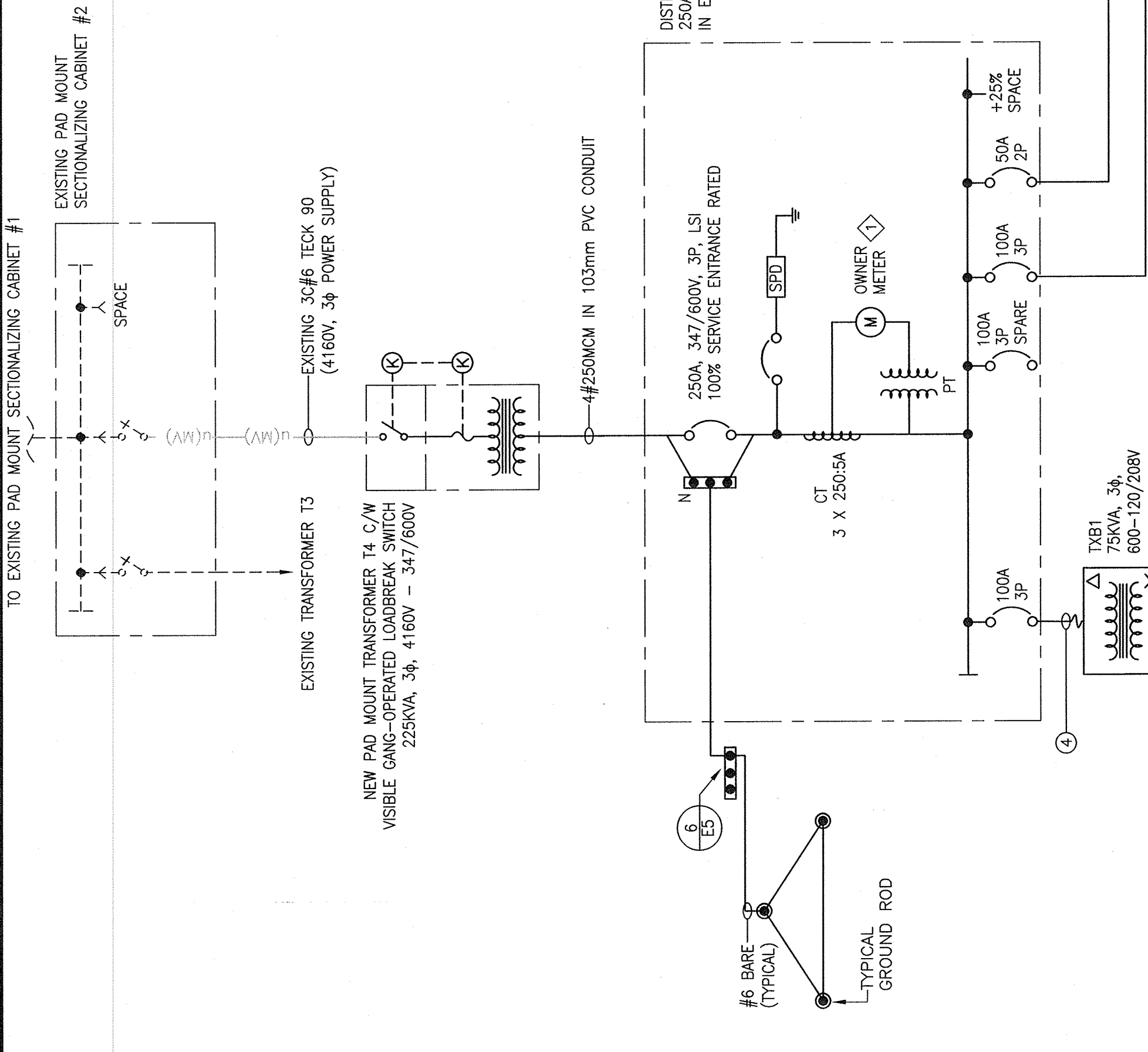
1. DISCONNECT AND REMOVE FEEDER AS DESCRIBED ON DEMOLITION LAYOUT.

2. SUPPLY AND INSTALL NEW FEEDER AND CONDUIT AS SHOWN ON SINGLE LINE DIAGRAM ON THIS DRAWING
3. RESTORE TO MATCH EXISTING CONDITION. ALLOW FOR ALL REQUIRED CUTTING, PATCHING, PAINTING AND

FEDDER	④	CABLE SCHEDULE
①	2#2WAG-#8BOND IN 21mm LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT	
②	3#4WAG-#8BOND IN 50mm PVC CONDUIT + 1x100mm PVC SPARE CONDUIT	
③	4#3500KA-#3BOND IN 75mm LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT	
④	3#4WAG-#8BOND IN 35mm LIQUID TIGHT FLEXIBLE NON METALLIC CONDUIT	
⑤	3#4WAG-#8BOND IN 50mm PVC CONDUIT	
⑥	4#3WAG-#8BOND IN 41mm EMT CONDUIT	
⑦	2# 2WAG-#12BOND IN 21mm EMT CONDUIT	
⑧	SEE DRAWING C2	

ESTIMATED ELECTRICAL LOAD FOR  
ELECTRICAL SERVICE IN BUILDING "B1"  
IS 185.74KVA.

- **ASSUMPTION:**  
• SPARE PANELS PB2 & PB4 ARE FOR LOOP B FUTURE ADDITION.
- THE ESTIMATED LOAD OF PANEL PB1 IS 93.77KVA AND IT INCLUDES A PROVISION OF 18KVA FOR PANEL PB2 FUTURE LOAD (PANEL 50% LOADED).
- THE ESTIMATE LOAD OF PANEL PB3 IS 76.97KVA AND IT INCLUDES A PROVISION OF 18KVA FOR PANEL PB4 FUTURE LOAD (PANEL 50% LOADED) AND 10KVA LOAD FOR WASHROOM.
- WASHROOM BUILDING 22 ESTIMATE



LOOP B WASHROOM 20 ELECTRICAL CLOSET SINGLE LINE DIAGRAM

SCALE : N.T.S.