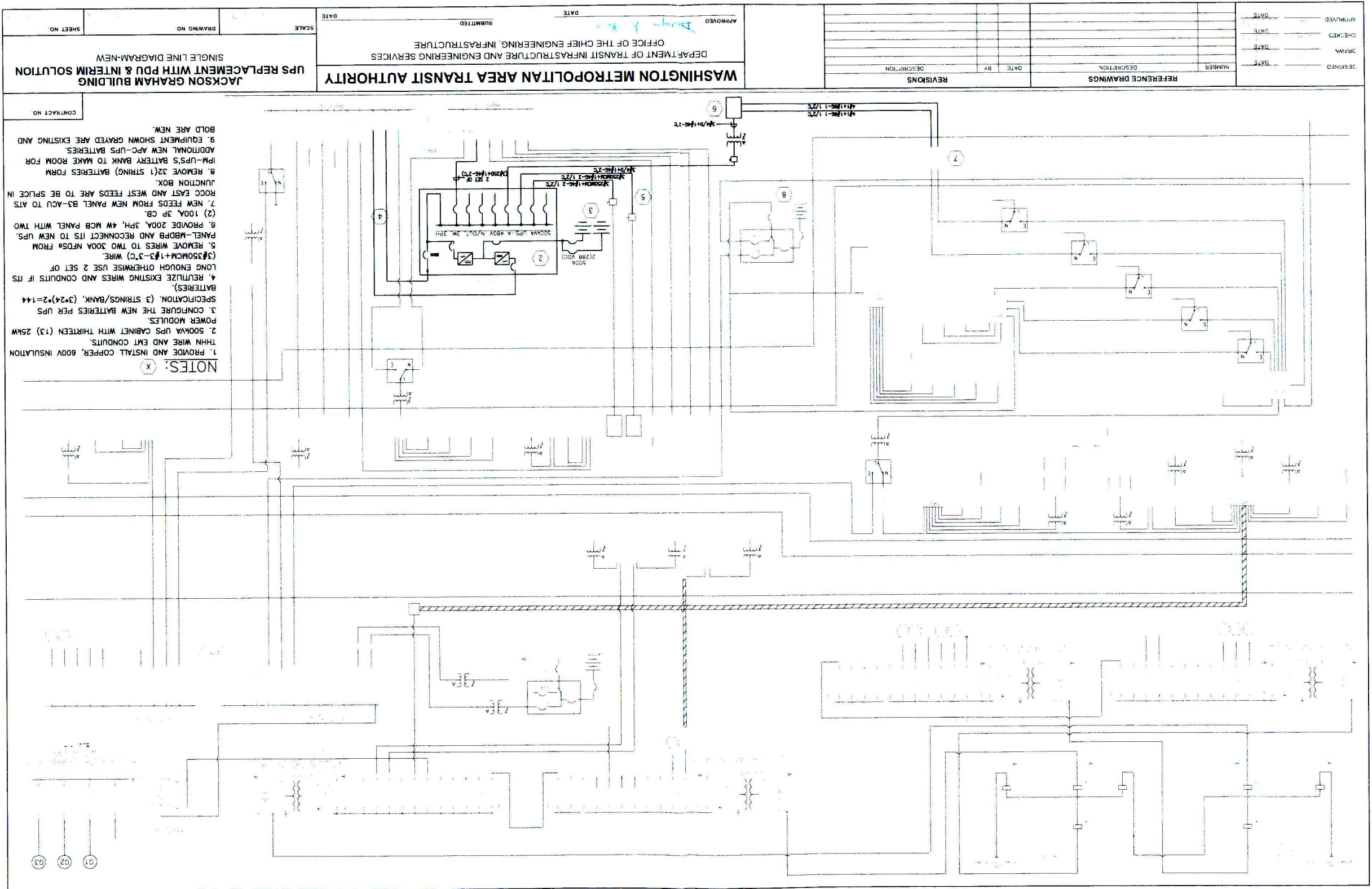


**TECHNICAL SPECIFICATIONS  
DRAWINGS**



**NOTES:**

1. PROVIDE AND INSTALL COPPER, 600V INSULATION THIN WIRE AND EXIT CONDUITS.
2. 500VA UPS CABINET WITH THIRTEEN (13) 25KW POWER MODULES.
3. CONFIGURE THE NEW BATTERIES PER UPS SPECIFICATION, (3 STRINGS/BANK,  $3 \times 24 \times 2 = 144$  BATTERIES).
4. REUTILIZE EXISTING WIRES AND CONDUITS IF ITS LONG ENOUGH OTHERWISE USE 2 SET OF  $(3 \times 350MCM+1 \times 3 \times 3 \times C)$  WIRE.
5. REMOVE WIRES TO TWO 300A NFDS FROM PANEL-MDBPB AND RECONNECT ITS TO NEW UPS.
6. PROVIDE 200A, 3PH, 4W MCB PANEL WITH TWO (2) 100A, 3P CB.
7. NEW FEEDS FROM NEW PANEL B3-ACU TO ATS ROCC EAST AND WEST FEEDS ARE TO BE SPLICE IN JUNCTION BOX.
8. REMOVE 32(1 STRING) BATTERIES FORM 1PM-UPS'S BATTERY BANK TO MAKE ROOM FOR ADDITIONAL NEW APC-UPS BATTERIES.
9. EQUIPMENT SHOWN GRAYED ARE EXISTING AND BOLD ARE NEW.

DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY

DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**  
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES  
 OFFICE OF THE CHIEF ENGINEERING, INFRASTRUCTURE

**JACKSON GRAHAM BUILDING UPS REPLACEMENT WITH PDU & INTERIM SOLUTION**  
 SINGLE LINE DIAGRAM-NEW

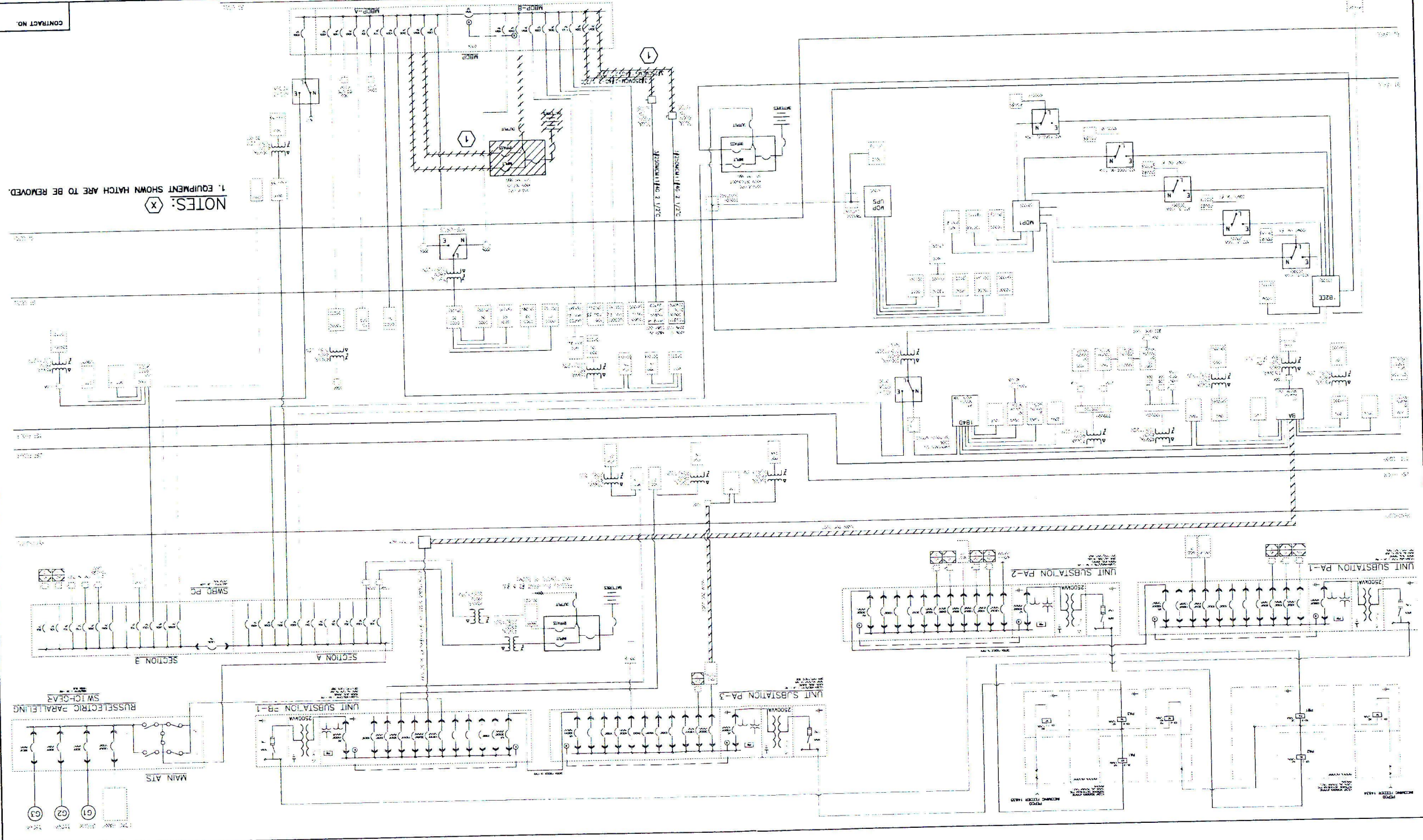
APPROVED: *[Signature]* DATE: *[Date]*  
 SUBMITTED: *[Date]*  
 SCALE: *[Scale]*  
 DRAWING NO. *[Number]*  
 SHEET NO. *[Number]*

DESIGNED	VT	02/23/15
DRAWN	VT	02/23/15
CHECKED	DAK	02/23/15
APPROVED	DAK	02/23/15

NUMBER	DESCRIPTION	DATE	BY

APPROVED: *[Signature]* DATE: \_\_\_\_\_  
 DEPARTMENT OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES  
 OFFICE OF THE CHIEF ENGINEERING, INFRASTRUCTURE  
**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

AS NOTED SCALE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 DRAWING NO. E-101 SHEET NO. 2 OF 19  
**JACKSON GRAHAM BUILDING  
 320KVA UPS REPLACEMENT & INTERIM SOLUTION  
 SINGLE LINE DIAGRAM-DEMOLITION**



NOTES: (X)  
 1. EQUIPMENT SHOWN HATCH ARE TO BE REMOVED.

CONTRACT NO. \_\_\_\_\_