



**DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242**

ADDENDUM NO. 1 TO PROJECT NO. 47247

**ELECTRICAL WORK
REPLACE ELECTRICAL EQUIPMENT,
BUILDINGS 819 AND 842
ROCKLAND PC, HUDSON RIVER CAMPUS
10 ROSS CIRCLE
POUGHKEEPSIE, NY**

April 22, 2024

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: The last date for receipt of bids is changed from Wednesday, April 25, 2024, to Wednesday, May 1, 2024.

DRAWINGS

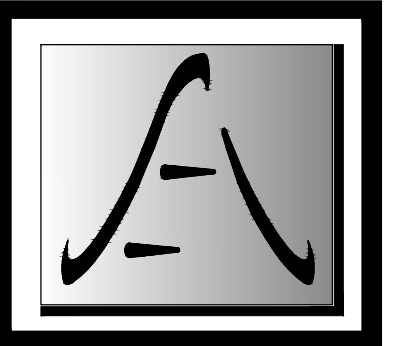
2. Revised Drawings:
 - a. Drawing Nos. E-102, E-103 and E-105, noted "ADDENDUM 1 4/18/2024" accompany this Addendum and supersede the same numbered originally issued drawings.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

DESIGN & CONSTRUCTION

CONSULTANT
CERTIFICATE OF AUTHORIZATION #: 0018644



SAGE ENGINEERING
ASSOCIATES, LLP

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REGISTRATION EXPIRES: 10/31/2026

CONTRACT: **ELECTRICAL**

TITLE: REPLACE ELECTRICAL EQUIPMENT, BUILDINGS 819 & 842
LOCATION: ROCKLAND PSYCHIATRIC CENTER, 10 ROSS CIRCLE, Poughkeepsie, NY
CLIENT: NEW YORK STATE OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
1	4/18/2024	ADDENDUM 1
	3/05/2024	BID DOCUMENT

PROJECT NUMBER: **47247 - E**
DESIGNED BY: **MOM**
DRAWN BY: **MSD**
FIELD CHECK:
APPROVED: **MOM**

SHEET TITLE: **ONE-LINE REMOVAL PLAN**

DRAWING NUMBER: **E-102**
SHEET 4 OF 8

GENERAL NOTES:

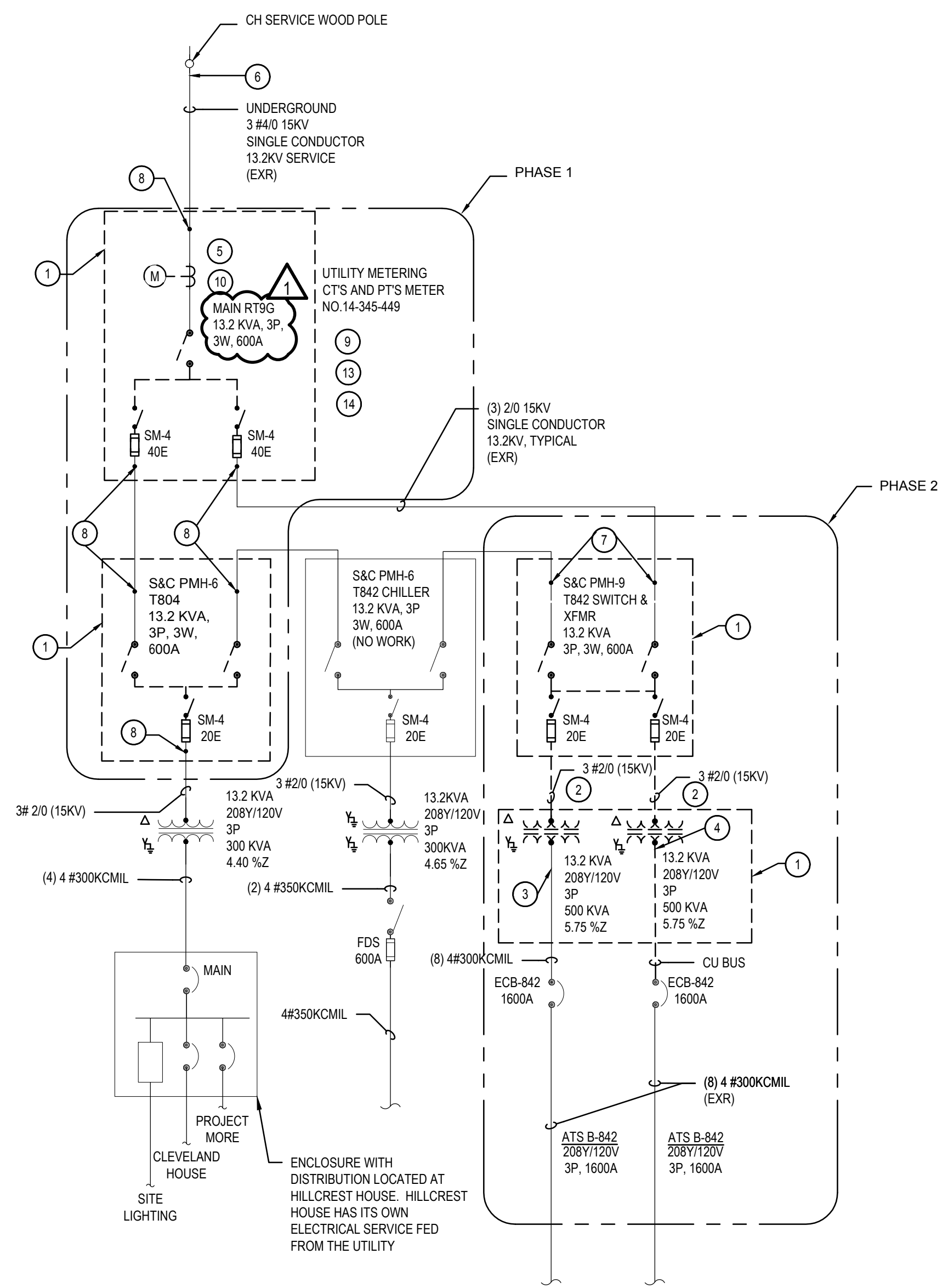
- COORDINATE ALL WORK, OUTAGES AND SCHEDULES WITH DIRECTOR'S REPRESENTATIVE
- PROVIDE WORK AT THE METERING SECTION AND T-804 UNITS AS A PHASE 1 OF THE WORK. SCHEDULE WORK FOR WEEKEND AND COORDINATE WITH CENTRAL HUDSON FOR OUTAGE AND RE-ENERGIZING.
- DURING OUTAGE RELATED, REQUEST FACILITY TO OPERATE GENERATOR AT BLDG. 842.
- NOTIFY FACILITY WHEN WORK IS COMPLETE, TESTED AND READY TO RE-ENERGIZE SYSTEM. COMPLETE CONNECTION BACK TO REST OF SYSTEM.
- PHASE 2 AT T-842 SEE DETAIL SHEETS E-104 AND E-105 FOR REPLACING EQUIPMENT AT THIS LOCATION.
- REFER TO PHASING NOTES BELOW FOR TEMPORARY POWER REQUIREMENTS.
- PROVIDE A \$20,000 ALLOWANCE FOR THE WORK OF CENTRAL HUDSON FOR THIS PROJECT.

KEYED NOTES:

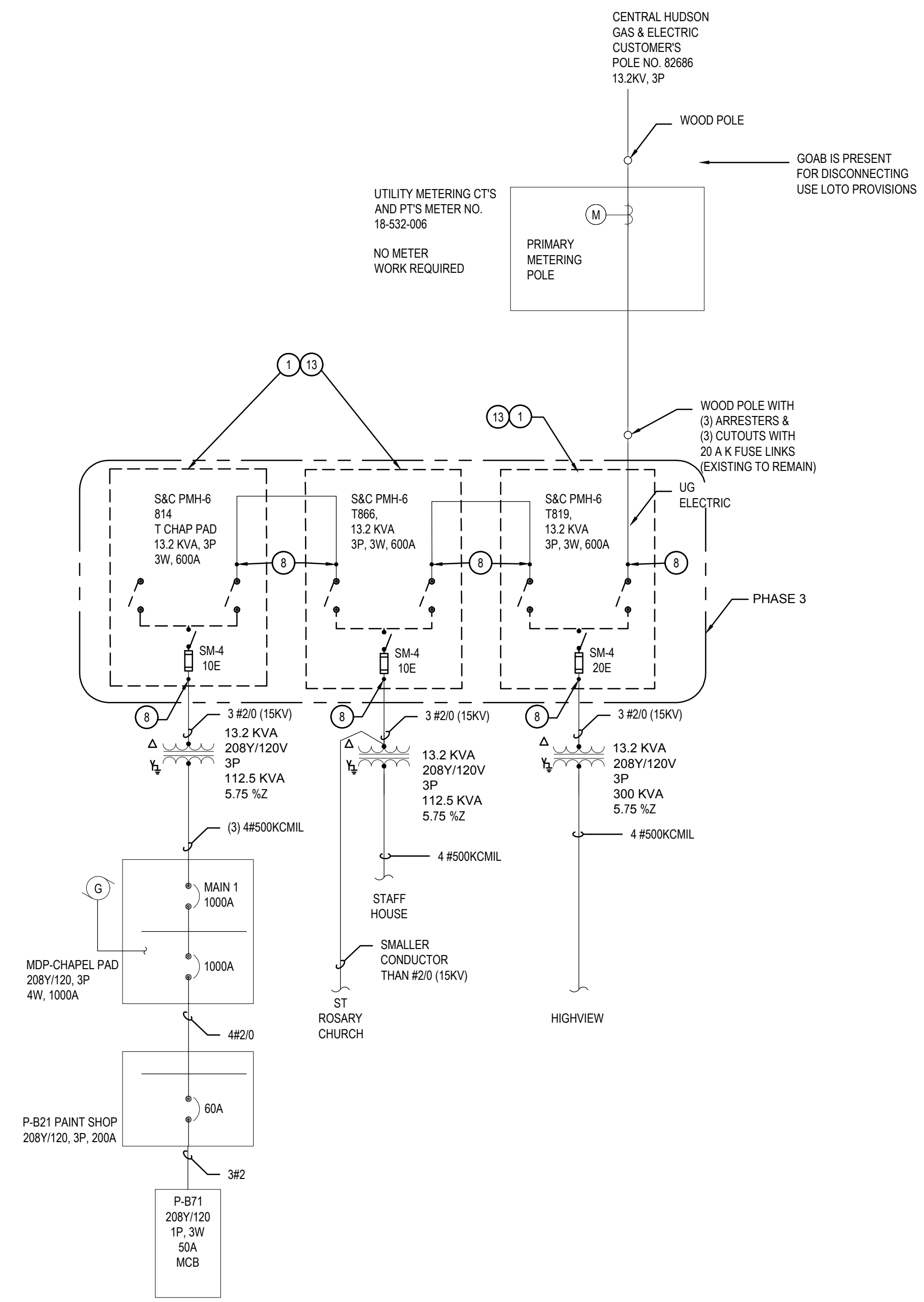
- REMOVE EQUIPMENT SHOWN WITH DASHED LINES, PROTECT PRIMARY CONDUCTORS FOR RECONNECTING TO REPLACEMENT TRANSFORMER.
- REMOVE CONDUCTOR SHOWN WITH DASHED LINES.
- PROTECT SECONDARY CONDUCTORS TO BUILDING BREAKER. PREPARE FOR RECONNECTING TO REPLACEMENT TRANSFORMER IN REVISED POSITION OVER STUB UPS.
- REMOVE BUS DUCT AND CONNECTIONS FROM TRANSFORMER AND BREAKER HOUSING. PROTECT CONDUCTORS INSIDE BREAKER HOUSING. PREPARE FOR CONNECTING TO REVISED LAYOUT WITH REPLACEMENT TRANSFORMER, AND CONDUCTORS.
- COORDINATE WITH CENTRAL HUDSON RELATIVE TO SCHEDULE FOR METER INSTALLATION.
- CENTRAL HUDSON SERVICE POLE WITH 3 FUSED CUTOUTS & 3 ARRESTERS (FUSE SIZE UNKNOWN). COORDINATE WITH CENTRAL HUDSON TO REMOVE SERVICE CONNECTION & RECONNECT AT END OF WORK.
- PROTECT PRIMARY CONDUCTORS FOR RECONNECTING IN MEDIUM VOLTAGE PULL/JUNCTION BOX.
- PROTECT PRIMARY CONDUCTORS FOR RECONNECTING TO REPLACEMENT SWITCHGEAR.
- REPLACE GE ELECTRICAL DISTRIBUTION AND CONTROL SERIAL NUMBER 1564639 800 J8161, PS11/11-7M-44122-A6-B1-B2-B4-G1-G2-K2-K3-K4 WITH PAD MOUNT SWITCH AS SPECIFIED INCLUDING PROVISIONS FOR UTILITY CT AND PT MOUNTING.
- COORDINATE WITH CENTRAL HUDSON ABOUT REPLACING METERING SYSTEM OR MOVING METERING TO REPLACEMENTS.
- RESERVED
- SEE SHEET E-103 FOR FUSES REQUIRED IN REPLACEMENT UNITS.
- INTENT IS TO USE EXISTING PAD. COORDINATE WITH NOTE 3 WHEN SELECTING REPLACEMENT UNIT.
- REMOVE PRIMARY CONDUCTORS AND FILL VOIDS LEFT WITH CONCRETE EVEN WITH TOP OF PAD.

TEMPORARY POWER NOTES:

- A. PROVIDE TEMPORARY GENERATOR(S) FOR EACH PHASE OF THE WORK TO MINIMIZE THE OUTAGE TIME FOR THE AFFECTED BUILDINGS. PROVIDE ALL FUEL, MONITORING, AND ON-CALL TROUBLE SERVICES FOR THE TIMES THAT TEMPORARY POWER IS BEING PROVIDED BY THE TEMPORARY GENERATOR OR THE OWNERS PERMANENT GENERATOR. RECORD THE LEVEL OF FUEL IN THE GENERATOR AND PROVIDE ALL FUEL NECESSARY DURING THE OUTAGES. PROVIDE FUEL MONITORING AND AROUND THE CLOCK SERVICE SO THAT IF THE LEVEL DROPS BELOW 20% AT ANYTIME THE CONTRACTOR WILL OBTAIN FUEL FROM THE OWNERS PREFERRED VENDOR TO ENSURE TEMPORARY POWER REMAINS AVAILABLE.
- B. PHASE 1: ARRANGE WITH CENTRAL HUDSON FOR THEM TO DEENERGIZE AND RE-ENERGIZE THE MEDIUM VOLTAGE SERVICE TO THE ROUTE 9G SWITCHGEAR. THE EXISTING FACILITY GENERATOR CAN BE UTILIZED TO POWER BUILDING 842 ROSS PAVILLON AND BUILDING 842'S CHILLER SERVICE. FOR BUILDING 804 HILLCREST PROVIDE A 175 KW 120/208 V-3PH TRAILER MOUNTED TEMPORARY GENERATOR WITH 50 FOOT TEMPORARY CABLES. THE SERVICE AT HILLCREST DOES NOT FEED THE HILLCREST BUILDING, IT POWERS CLEVELAND HOUSE AND PROJECT MORE.
- C. PHASE 2: OPEN THE FUSED SWITCH AT THE ROUTE 9G SWITCHGEAR THAT FEEDS SWITCHGEAR T842. OPEN THE SWITCH AT THE CHILLER SWITCHGEAR THAT IS CONNECTED TO SWITCHGEAR T842. THIS WILL ISOLATE SWITCHGEAR T842. DURING THIS TIME BUILDING 842 WILL BE ON GENERATOR POWER. ONCE THIS PHASE IS COMPLETE RESTORE UTILITY POWER TO BUILDING 842.
- D. PHASE 3: ARRANGE WITH CENTRAL HUDSON FOR THEM TO DEENERGIZE AND RE-ENERGIZE THE MEDIUM VOLTAGE SERVICE TO THE BUILDING 819'S SWITCHGEAR. UTILIZE THE OWNERS EXISTING TEMPORARY GENERATOR AT BUILDING 819 TO POWER THAT BUILDING DURING THIS WORK. BUILDING 866 IS DECOMMISSIONED AND CAN REMAIN WITHOUT POWER. PROVIDE A 175 KW 120/208 V-3PH TRAILER MOUNTED TEMPORARY GENERATOR WITH 50 FOOT TEMPORARY CABLES AND CONNECT TO PROVIDE TEMPORARY POWER TO THE CHAPEL AND PAINT SHOP. LOCATE THE GENERATOR AT SWITCHGEAR 814. DISCONNECT THE SECONDARY CABLES FROM THE TRANSFORMER AND MAKE THE CONNECTION THERE. AT THE CHAPEL THERE IS AN EXISTING GENERATOR THAT ONLY POWER SELECT LOADS. THAT GENERATOR WILL NOT BE USED DURING THIS OUTAGE.



PHASE 1 & 2 ONE-LINE REMOVALS
ROUTE 9G/VIOLET AVENUE,
BUILDING 804 HILLCREST, BUILDING 842 ROSS PAVILLION
1
E-102 SCALE: NTS



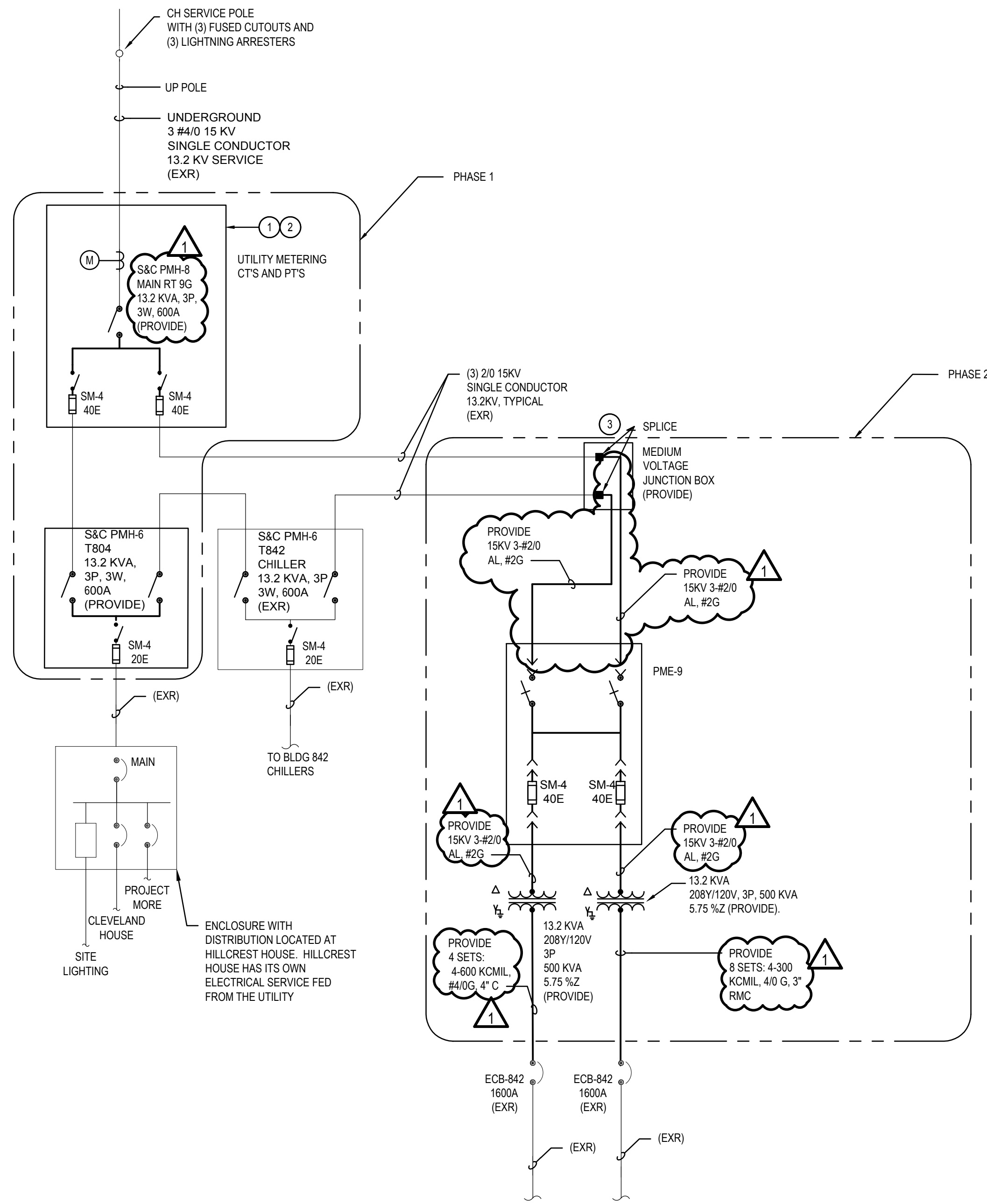
PHASE 3 ONE-LINE REMOVALS
BUILDING 814 CHAPEL & PAINT SHOP
BUILDING 866 STAFF HOUSE BUILDING 819 HIGHVIEW
2
E-102 SCALE: NTS

GENERAL NOTES:

- COORDINATE ALL WORK, OUTAGES AND SCHEDULES WITH DIRECTOR'S REPRESENTATIVE

KEYED NOTES:

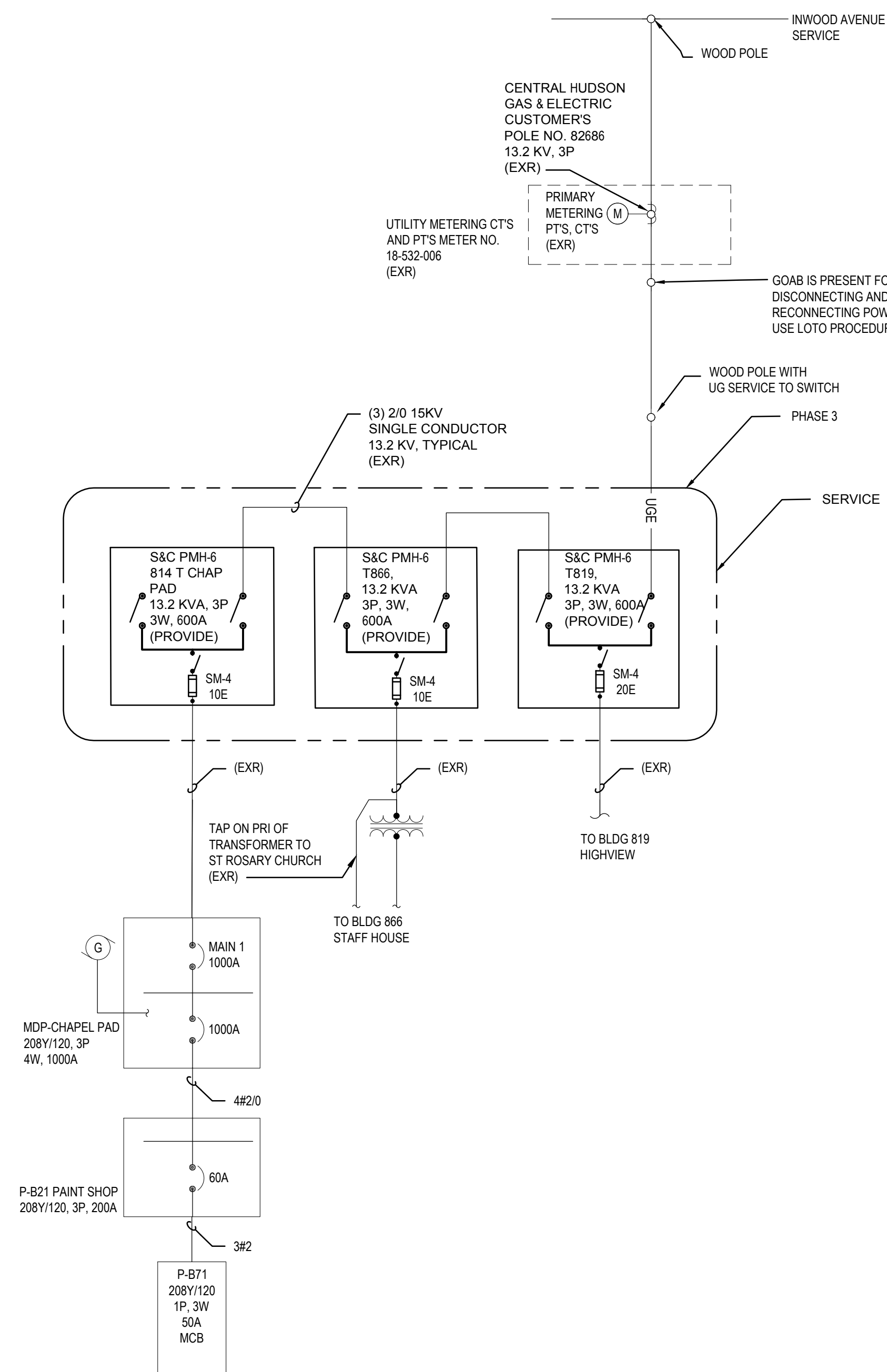
- COORDINATE WITH CENTRAL HUDSON UTILITY FOR RECONNECTING POWER TO SWITCH GEAR. VERIFY SIZE AND STYLE FUSES USED BY CENTRAL HUDSON AND RECORD.
- COORDINATE WITH CENTRAL HUDSON FOR DISCONNECTING METER CONNECTIONS AND PROVISIONS FOR FUTURE METERING REQUIREMENTS.
- PROVIDE SPLICES IN JUNCTION BOX. ENCLOSURE SHALL BE EXTERIOR RATED AND SECURE WITH LOCKABLE DOOR(S) HINGED AND EPOXY ANCHORED TO CONCRETE PAD. SEE DETAIL SHEET E-501.



ONE-LINE INSTALLATION PHASING FOR
ROUTE 9G/VIOLET AVENUE, BUILDING 804 HILLCREST, BUILDING 842 ROSS PAVILLION

1
E-103

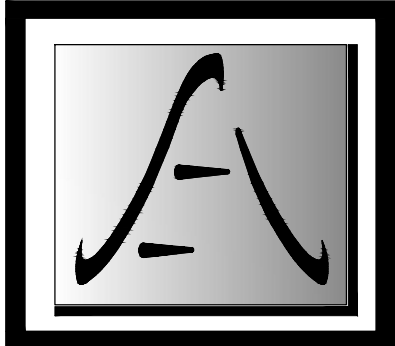
SCALE: NTS



ONE-LINE INSTALLATION PHASING FOR
BUILDING 814 CHAPEL & PAINT SHOP BUILDING 866 STAFF HOUSE BUILDING 819 HIGHVIEW

2
E-103

SCALE: NTS



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CONTRACT: **ELECTRICAL**

TITLE: REPLACE ELECTRICAL EQUIPMENT, BUILDINGS 819 & 842

LOCATION: ROCKLAND PSYCHIATRIC CENTER
10 ROSS CIRCLE
POUGHKEEPSIE, NY

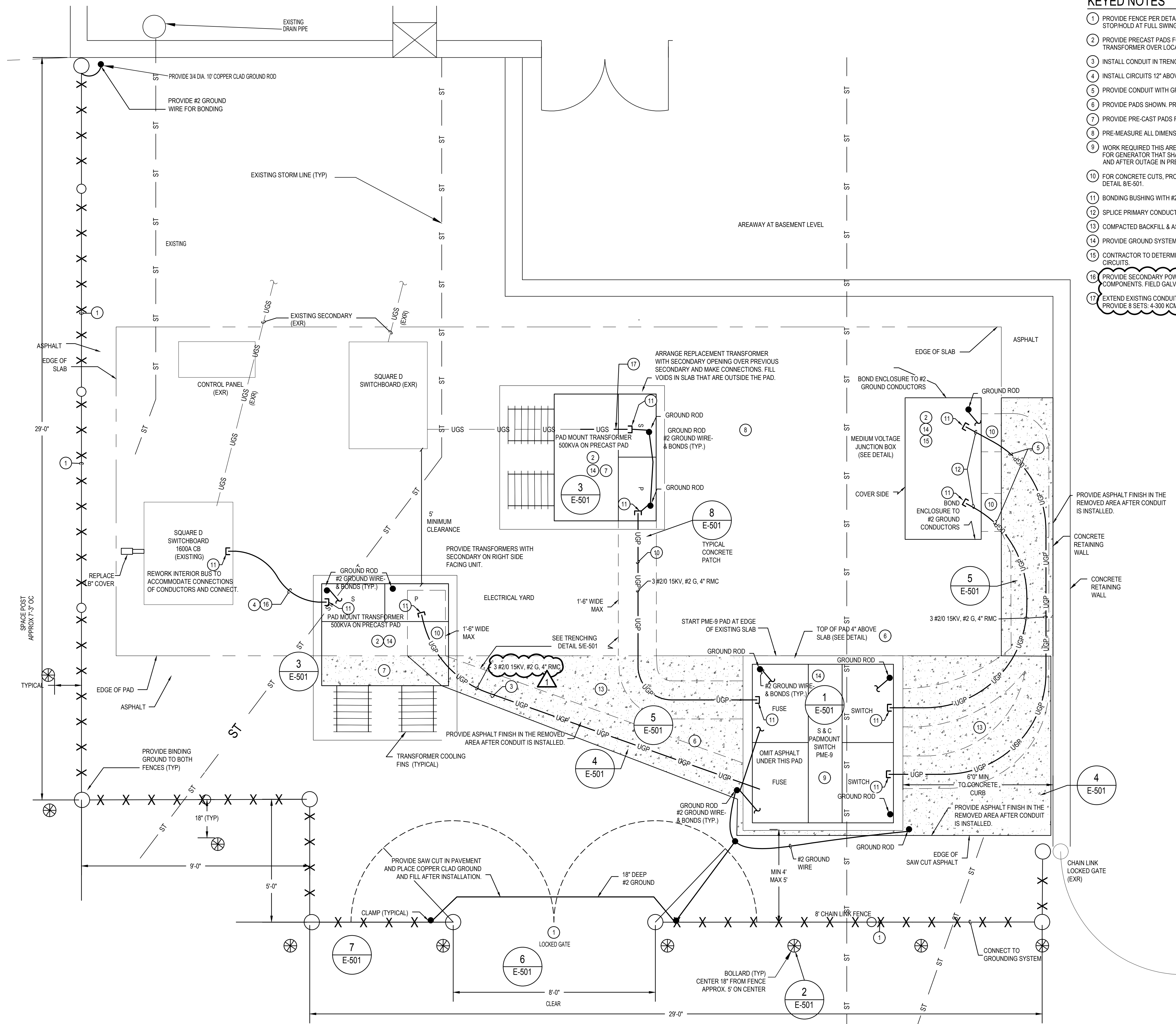
CLIENT: NEW YORK STATE OFFICE OF MENTAL HEALTH

MARK	DATE	DESCRIPTION
1	4/18/2024	ADDENDUM 1
	3/05/2024	BID DOCUMENT

PROJECT NUMBER: **47247 - E**
DESIGNED BY: **MOM**
DRAWN BY: **MSD**
FIELD CHECK:
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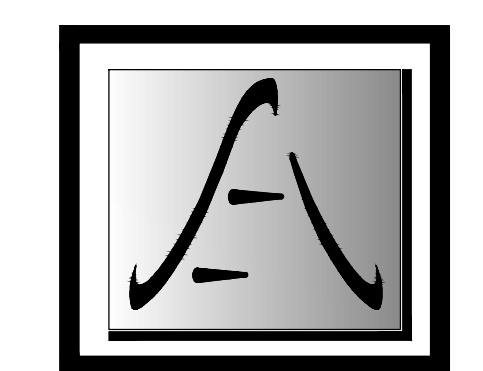
SHEET TITLE:
**ONE-LINE
INSTALLATION
PHASING
DIAGRAM**

DRAWING NUMBER:
E-103



KEYED NOTES

- 1 PROVIDE FENCE PER DETAILS 6/E-501 AND 7/E-501. PROVIDE W(2)- 4' LEAFS IN LOCKABLE GATE. PROVIDE W(180°) SWINGS WITH STOPHOLD AT FULL SWING.
- 2 PROVIDE PRECAST PADS FOR THE TRANSFORMER SUITABLE FOR CABLE ARRANGEMENT OF EXISTING. PLACE SECONDARY OF TRANSFORMER OVER LOCATION OF SECONDARY CONDUCTORS AND CONNECT. IN FILL W/CONCRETE ANY OPENS OUTSIDE PAD.
- 3 INSTALL CONDUIT IN TRENCH PER DETAIL 5/E-501. BACKFILL AND PROVIDE CONDUCTORS SHOWN IN RMC AND CONNECT.
- 4 INSTALL CIRCUITS 12" ABOVE EXISTING SLAB ON SUPPORT LOCATED 12" FROM ENCLOSURES AND AT CENTER AND ANCHOR.
- 5 PROVIDE CONDUIT WITH GROUNDING BUSHING ON EACH END & BOND TO ENCLOSURES. 3 #2/0 15KV CABLE IN 4" RMC
- 6 PROVIDE PADS SHOWN. PROVIDE GRAVEL, SIZE & DEPTH AS SPECIFIED.
- 7 PROVIDE PRE-CAST PADS FOR THE REPLACEMENT TRANSFORMER. COORDINATE WITH TRANSFORMER DIMENSIONS AND LOCATION.
- 8 PRE-MEASURE ALL DIMENSIONS TO ENSURE EQUIPMENT PROVIDED WILL MEET CONDITIONS.
- 9 WORK REQUIRED THIS AREA REQUIRE 3 SHIFT OPERATION ONCE POWER IS OFF. CONTRACTOR IS RESPONSIBLE FOR COST OF FUEL FOR GENERATOR THAT SHALL BE OPERATED CONTINUOUSLY FROM TIME OF POWER OUTAGE UNTIL RESTORED. MEASURE BEFORE AND AFTER OUTAGE IN PRESENCE OF DIRECTOR'S REPRESENTATIVE. RECORD A SIGNED COPY TO REPRESENTATIVE.
- 10 FOR CONCRETE CUTS, PROVIDE COMPACTED BACKFILL & CONCRETE EVEN TO TOP OF SLAB AFTER INSTALLATION IS APPROVED. SEE DETAIL 6/E-501.
- 11 BONDING BUSHING WITH #2 COPPER TO GROUND AND ENCLOSURE.
- 12 SPLICE PRIMARY CONDUCTORS AND SUPPORT OFF EARTH AND CONCRETE WITH INSULATORS. SEE DETAIL 3/E-501.
- 13 COMPACTED BACKFILL & ASPHALT TOPPING PER DETAIL 4/E-501.
- 14 PROVIDE GROUND SYSTEM.
- 15 CONTRACTOR TO DETERMINE EXACT SIZE OF MEDIUM VOLTAGE JUNCTION BOX AS A PART OF THE DECISION TO CONNECT PRIMARY CIRCUITS.
- 16 PROVIDE SECONDARY POWER TO EXISTING BUS ABOVE THE SLAB. SUPPORT CONDUIT PER NEC USING GALVANIZED STRUT AND COMPONENTS. FIELD GALV ANY CUTS. PROVIDE WATER TIGHT FITTING AT ENCLOSURE EDGE. PROVIDE 4 SETS: 4-600 KCMIL, 4/0G, 4" C.
- 17 EXTEND EXISTING CONDUIT. PROVIDE SECONDARY CONDUCTORS FROM TRANSFORMER TO SQUARE D CIRCUIT BREAKER CABINET. PROVIDE 8 SETS: 4-300 KCMIL, 4/0 G, 3" RMC.

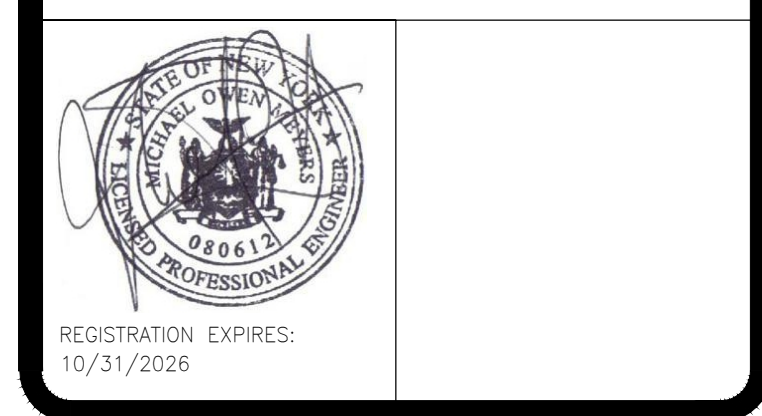


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ELECTRICAL

TITLE: **REPLACE ELECTRICAL EQUIPMENT, BUILDINGS 819 & 842**

LOCATION: **ROCKLAND PSYCHIATRIC CENTER 10 ROSS CIRCLE POUGHKEEPSIE, NY**

CLIENT: **NEW YORK STATE OFFICE OF MENTAL HEALTH**

MARK	DATE	DESCRIPTION
1	4/18/2024	ADDENDUM 1
	3/05/2024	BID DOCUMENT

PROJECT NUMBER: **47247 - E**

DESIGNED BY: **MOM**

DRAWN BY: **MSD**

FIELD CHECK:

APPROVED: **MOM**

SHEET TITLE: **BUILDING 842 ELECTRIC YARD INSTALLATIONS**

DRAWING NUMBER: **E-105**

SHEET **7** OF **8**

1 BLDG 842 ELECTRIC YARD - INSTALLATION
E-105 SCALE: 1/2"=1'-0"

