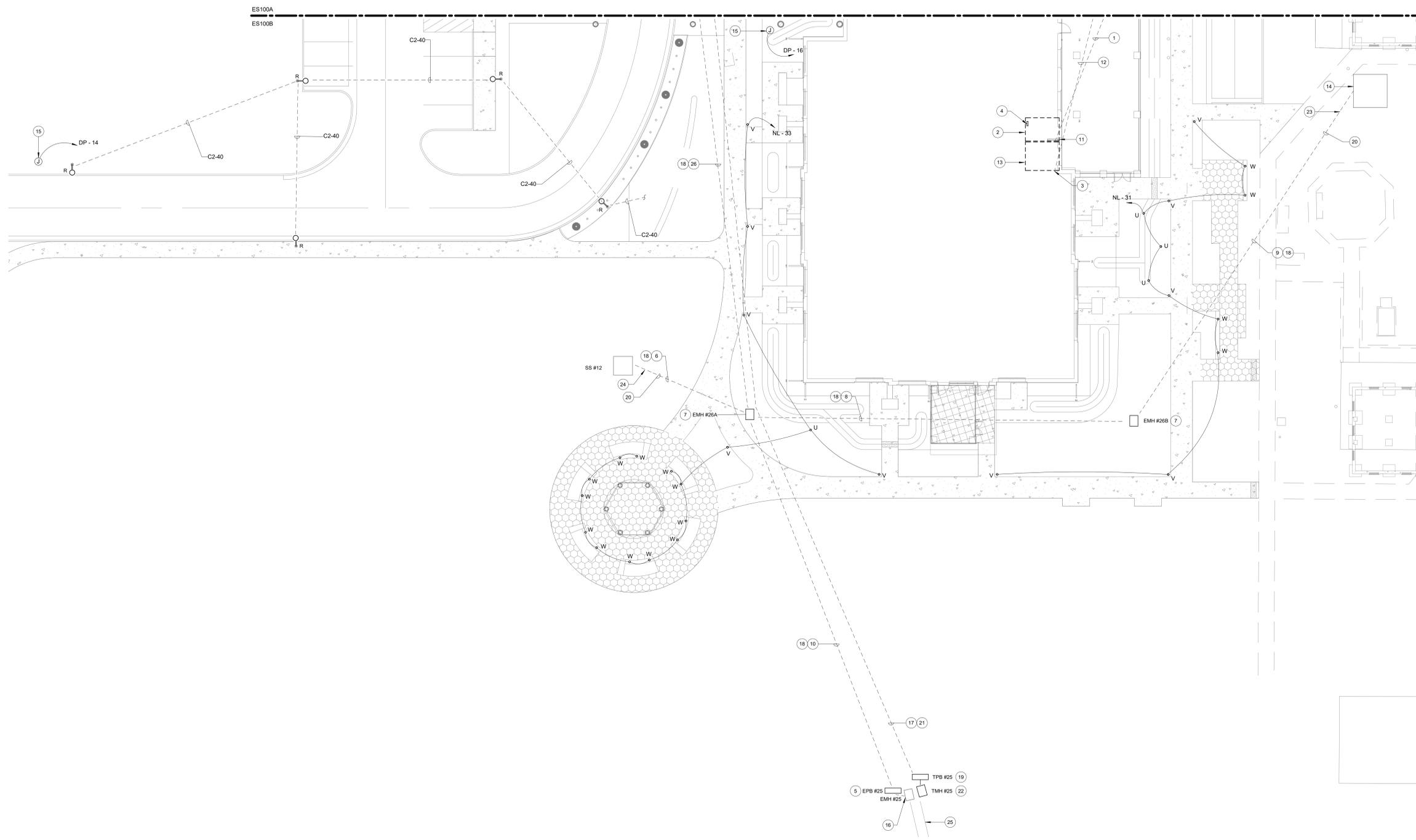


**GENERAL NOTES**

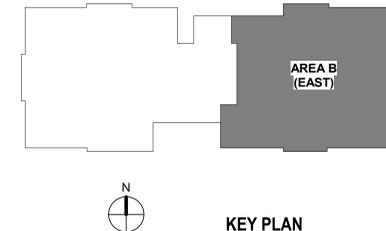
- A. ELECTRICAL CONTRACTOR SHALL MEET WITH THE VA PROJECT ENGINEER AT THE SITE TO VERIFY TERMINATION LOCATION, ROUTING OF CONDUITS AND ROUGH-IN REQUIREMENTS PRIOR TO COMMENCING ANY WORK ON THIS SITE.
- B. ELECTRICAL CONTRACTOR SHALL MEET WITH LOCAL LOW VOLTAGE SYSTEM PROVIDER AT THE SITE TO VERIFY TERMINATION LOCATION, ROUTING OF CONDUITS AND ROUGH-IN REQUIREMENTS PRIOR TO COMMENCING ANY WORK ON THIS SITE.
- C. ELECTRICAL CONTRACTOR SHALL CONTACT LOCAL UTILITY UNDERGROUND LOCATING SERVICE COMPANY PRIOR TO DIGGING ON THIS SITE.
- D. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL ENGINEER FOR CONDUIT OPENING IN STRUCTURAL SUPPORT.
- E. REFER TO SINGLE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- F. ALL EXTERIOR ELECTRICAL DEVICES AND ENCLOSURE SHALL BE RATED NEMA 3R.
- G. SITE AND LANDSCAPE LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL-ON AND TIMECLOCK-OFF. FIXTURES SHALL BE PROVIDED WITH INTEGRAL PHOTOCELL.
- H. SEE ES100 ELECTRICAL RENOVATION OVERALL SITE PLAN FOR ADDITIONAL INFORMATION.

**KEYNOTES**

- 1 UNDERGROUND 208/120V-3PH DIRECT BURIAL SECONDARY ELECTRIC SERVICE CONDUCTORS TO MAIN DISTRIBUTION PANEL, MDP. COORDINATE STUB-UP REQUIREMENTS IN SECONDARY COMPARTMENT OF TRANSFORMER WITH VA.
- 2 APPROXIMATE LOCATION OF NORMAL POWER ELECTRICAL ROOM. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 3 APPROXIMATE LOCATION OF EMERGENCY PANEL ENCLOSED CIRCUIT BREAKERS.
- 4 APPROXIMATE LOCATION OF FIRE ALARM CONTROL PANEL. FIRE ALARM SHALL BE TIED TO EXISTING FIBER LOOP NETWORK AND REPORT TO BUILDING 19 VIA BUILDING 6 THROUGH CONNECTING CORRIDOR. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 5 90" X 72" X 24" (HxWxD) NEW FREESTANDING NEMA 4X ENCLOSURE WITH LOAD BREAK ELBOWS ON BOTH SIDES OF THE TERMINAL BLOCKS MOUNTED ON CONCRETE PAD FOR 13.8 KV, 3-PH POWER FEED CONNECTIONS. TERMINATE BACK TO EXISTING ELECTRICAL C AND D LOOPS. BASIS OF DESIGN IS HUBBELL WRD90724SSFS0M4.
- 6 NEW C AND D LOOP CONDUCTORS FROM EXISTING SS #12 TO NEW ELECTRICAL MANHOLE #26A.
- 7 NEW ELECTRICAL MANHOLE. COORDINATE EXACT LOCATION WITH CIVIL.
- 8 NEW UNDERGROUND 13.8 KV, 3-PH CONDUCTORS FROM NEW ELECTRICAL MANHOLE EMH #26A TO NEW ELECTRICAL MANHOLE EMH #26B.
- 9 NEW UNDERGROUND 13.8 KV, 3-PH UTILITY SERVICE FEEDER TO EXISTING UTILITY TRANSFORMER #1 SERVICING EXISTING BUILDING #6.
- 10 NEW UNDERGROUND 13.8 KV, 3-PH C AND D LOOP CONDUCTORS FROM NEW ELECTRICAL MANHOLE EMH #26A TO NEW FREESTANDING NEMA 4X ENCLOSURE, ELECTRICAL PULL BOX EPB #25.
- 11 APPROXIMATE LOCATION OF MDP.
- 12 36" UNDERGROUND DIRECT BURIAL EMERGENCY ELECTRIC SERVICE FEEDER FROM GENERATOR TO EMERGENCY ENCLOSED CIRCUIT BREAKERS. SEE FLOOR PLANS AND SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 13 APPROXIMATE LOCATION OF EMERGENCY POWER ELECTRICAL ROOM. SEE FLOOR PLANS FOR ADDITIONAL INFORMATION.
- 14 APPROXIMATE LOCATION OF EXISTING PAD-MOUNTED UTILITY TRANSFORMER #1 SERVICING BUILDING #6.
- 15 WP JUNCTION BOX FOR MONUMENT SIGN. TIE CONTROLS TO TIME CLOCK-LCP. COORDINATE ON/OFF REQUIREMENTS WITH COR.
- 16 BORE EXISTING ELECTRICAL MANHOLE #25 FOR NEW UNDERGROUND 13.8 KV, 3-PH C AND D LOOP CONDUCTORS FROM NEW FREESTANDING NEMA 4X ENCLOSURE, EPB #25. AT EXISTING MANHOLE, BREAK THE STRUCTURE WALL OUT TO THE DIMENSIONS REQUIRED AND PRESERVE THE STEEL IN THE STRUCTURAL WALL. CUT STEEL AND EXTEND INTO THE DUCT BANK ENVELOPE. CHIP THE PERIMETER SURFACE OF THE DUCT BANK OPENING TO FORM A KEY OR FLARED SURFACE. REFER TO SPECS AND CIVIL PLANS FOR ADDITIONAL INFORMATION.
- 17 PULL NEW TELECOMMUNICATION CABLES IN NEW CONCRETE ENCASED DUCTBANK. NEW CONCRETE ENCASED DUCTBANKS - (5) 3" CONDUITS, 1 - 30#16 RHL, 1 - 24#16 RHL AND 2-3/C #16 RHL, 1-2#12 RHL, 1 - TELEPHONE, 1 - SPARE.
- 18 NEW CONCRETE ENCASED DUCTBANKS - (4) 3" CONDUITS WITH 13.8KV, 3/C 2/0 PRIMARY AND 1#1 B/N AND TWO SPARE CONDUITS.
- 19 NEW FREESTANDING NEMA 4X ENCLOSURE MOUNTED ON CONCRETE PAD FOR TELECOMMUNICATION CABLES FEED CONNECTIONS. TERMINATE BACK TO EXISTING TELEPHONE CABLES.
- 20 REFER TO SPEC 26 05 41 SECTION 3.3.E FOR DIRECTION ON CONNECTING NEW DUCT TO EXISTING.
- 21 NEW CONCRETE ENCASED DUCTBANKS - (5) 3" CONDUITS, 1 - 30#16 RHL, 1 - 24#16 RHL AND 2-3/C #16 RHL, 1-2#12 RHL, 1 - TELEPHONE, 1 - SPARE.
- 22 NEW TELECOMMUNICATION MANHOLE.
- 23 MAKE CONNECTION TO EXISTING CONCRETE DUCTBANK 3 LF WEST OF TRANSFORMER #1. SEE DETAIL F5-CG506.
- 24 MAKE CONNECTION TO EXISTING CONCRETE DUCTBANK 3 LF EAST OF SS #12. SEE DETAIL F5-CG506.
- 25 MAKE CONNECTION TO EXISTING CONCRETE DUCTBANK 3 LF SOUTH EMH #25. SEE DETAIL F5-CG506.
- 26 NEW UNDERGROUND 13.8 KV, 3-PH C AND D LOOP CONDUCTORS FROM NEW FREESTANDING NEMA 4X ENCLOSURE, ELECTRICAL PULL BOX EPB #25 TO NEW ELECTRICAL MANHOLE EMH #26A VIA NEW ELECTRICAL MANHOLE EMH #26.



**1** ELECTRICAL RENOVATION SITE PLAN - AREA B  
1/16" = 1'-0"



BIM 360/620-334 New Community Living Center/15871\_MEP\_VA Montrose CLC\_PD014 6/2/2022 9:07:33 AM

Revisions:	Date:

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**Office of Construction and Facilities Management**  

 U.S. Department of Veterans Affairs

Drawing Title  
ELECTRICAL RENOVATION SITE PLAN - AREA B

Approved:

Phase  
**ISSUED FOR CONSTRUCTION**

**FULLY SPRINKLERED**

Project Title  
**NEW COMMUNITY LIVING CENTER**

Location  
2094 Albany Post Road, Montrose, NY 10548

Issue Date  
05/09/2022

Checked  
DK

Drawn  
SC

Project Number  
620-334

Building Number  
CLC

Drawing Number  
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