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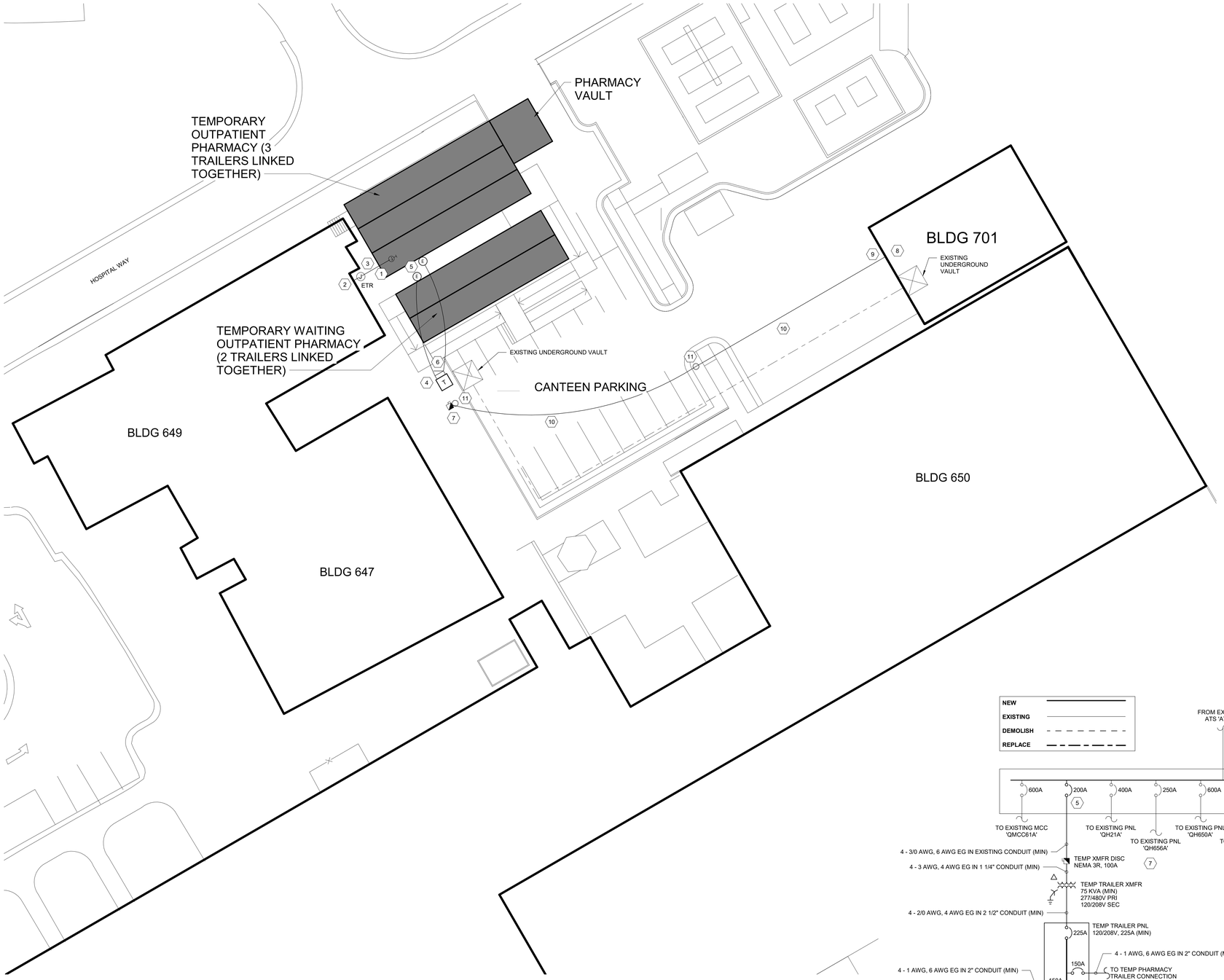
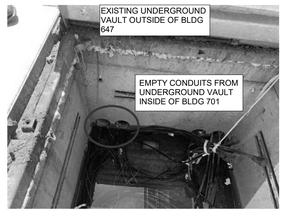


1 ELECTRICAL SITE PLAN

Scale: 1/16" = 1'-0"

0 8 16 32

NORTH

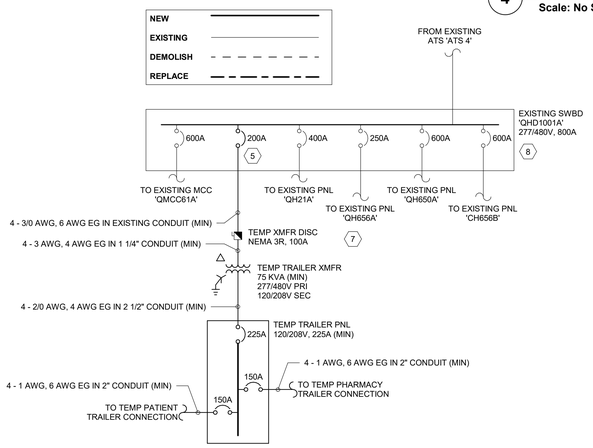


3 EXISTING UNDERGROUND VAULT PHOTOS

Scale: No Scale

4 EXISTING SWBD 'QHD1001A'

Scale: No Scale



2 TEMPORARY TRAILER ONE-LINE DIAGRAM

Scale: No Scale

SHEET NOTES:

A. SCHEDULED SHUTDOWNS FOR DEVICE INSTALLATION TO BE APPROVED BY COR.

B. ELECTRICAL CONTRACTOR SHALL FOLLOW SITE LOCK-OUT/TAG-OUT GUIDELINES TO DE-ENERGIZE EQUIPMENT.

C. PROVIDE AND INSTALL ALL DEVICES SHOWN ON THIS PLAN.

D. SEE PROJECT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE INTERIOR ELECTRICAL AND TELECOMMUNICATION REQUIREMENTS FOR THE TEMPORARY TRAILERS.

KEY NOTES:

1 PROVIDE WALL MOUNTED JUNCTION BOX AT NEW PHARMACY TRAILER FOR INCOMING FIBER.

2 PROVIDE CONDUIT MOUNTED TO EXTERIOR BUILDING WALL TO 25' AFG

3 FIBER TO HAVE WEATHER RATED JACKET AND BE ROUTED ALONG 1/4 " GUY WIRE

4 PROVIDE TEMPORARY PAD MOUNTED TRANSFORMER AND TEMPORARY PANELBOARD FOR NEW PHARMACY TRAILER. COORDINATE WITH COR AND CIVIL CONTRACTOR FOR FINAL LOCATION OF EQUIPMENT. SEE TEMPORARY TRAILER SINGLE LINE FOR MORE INFORMATION.

5 PROVIDE EQUIPMENT CONNECTIONS TO TEMPORARY PHARMACY AND PATIENT TRAILER. SEE TEMPORARY TRAILER SINGLE LINE FOR MORE INFORMATION. REPLACE EXISTING PLUG WITH 200A RATED TRIP PLUG AND PROVIDE NEW TEMPORARY FEEDER FROM EXISTING SPARE BREAKER.

6 PROVIDE AND INSTALL LSIG BREAKERS IN TEMP TRAILER PNL. SEE SPECIFIED RATING ON THE TEMPORARY TRAILER SINGLE LINE DIAGRAM.

7 PROVIDE AND INSTALL FUSES BASED ON TRANSFORMER SIZING. FOR MINIMUM REQUIRED 75 KVA TRANSFORMER, 100A FUSES TO PROTECT EQUIPMENT

8 PROVIDE TEMPORARY FEEDER TIE-IN TO EXISTING SWBD 'QHD1001A' LOCATED IN BUILDING 701. FEEDER TIE-IN TO EXISTING INFRASTRUCTURE TO BE SCHEDULED WITH THE VA 1 MONTH IN ADVANCE AND PERFORMED OFF HOURS.

9 PROVIDE BUILDING MOUNTED STEEL ARM MAST ASSEMBLY. MAST ASSEMBLY SHALL NOT INTERFERE WITH ANY SURVEILLANCE CAMERA FIELD OF VIEW. REFER TO DETAILS FOR ADDITIONAL INFORMATION.

10 OVERHEAD CONDUCTORS MUST BE TYPE W OR SOOW A MINIMUM OF 18'-0" AFG AT ANY POINT, WITH AN ORANGE 9 INCH DIAMETER STANDARD ABS POWER LINE MARKER IN THE CENTER OF THE OVERHEAD LINE. ROUT ALONG GALVANIZED 3/8" GUY WIRE. MAX POLE SPACING TO BE 25'

11 PROVIDE A TREATED SOUTHERN YELLOW PINE (CLASS 4) 35FT AFG FOR OVERHEAD WIRING. TOTAL POLE HEIGHT TO BE VERIFIED IN FIELD BY CONTRACTOR PER SOIL CONDITIONS. ASSUME 10' BURY DEPTH PROVIDE A MAST ASSEMBLY TO ACCEPT CONDUCTORS FROM BUILDING 701 TO TEMPORARY BUILDING EXTERIOR TRANSFORMER.

FULLY SPRINKLERED

100% BID DOCUMENTS

#	Revisions:	Date

CONSULTANTS:

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5/21/2026

PROJECT MANAGER

ACG Project Number 19-103

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL SITE PLAN

Location: MATHER VAMC 10535 HOSPITAL WAY, MATHER,CA, 95655

Project Title: RENOVATION OF OUTPATIENT PHARMACY AND HVAC

Approved: Project Director

Date: MAY 19, 2026 | Checked: JAV | Drawn: EFJ

VA PROJECT NUMBER 612A4-19-016

Building Number # 650

Drawing Number ES101

Dwg 2 of 12

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