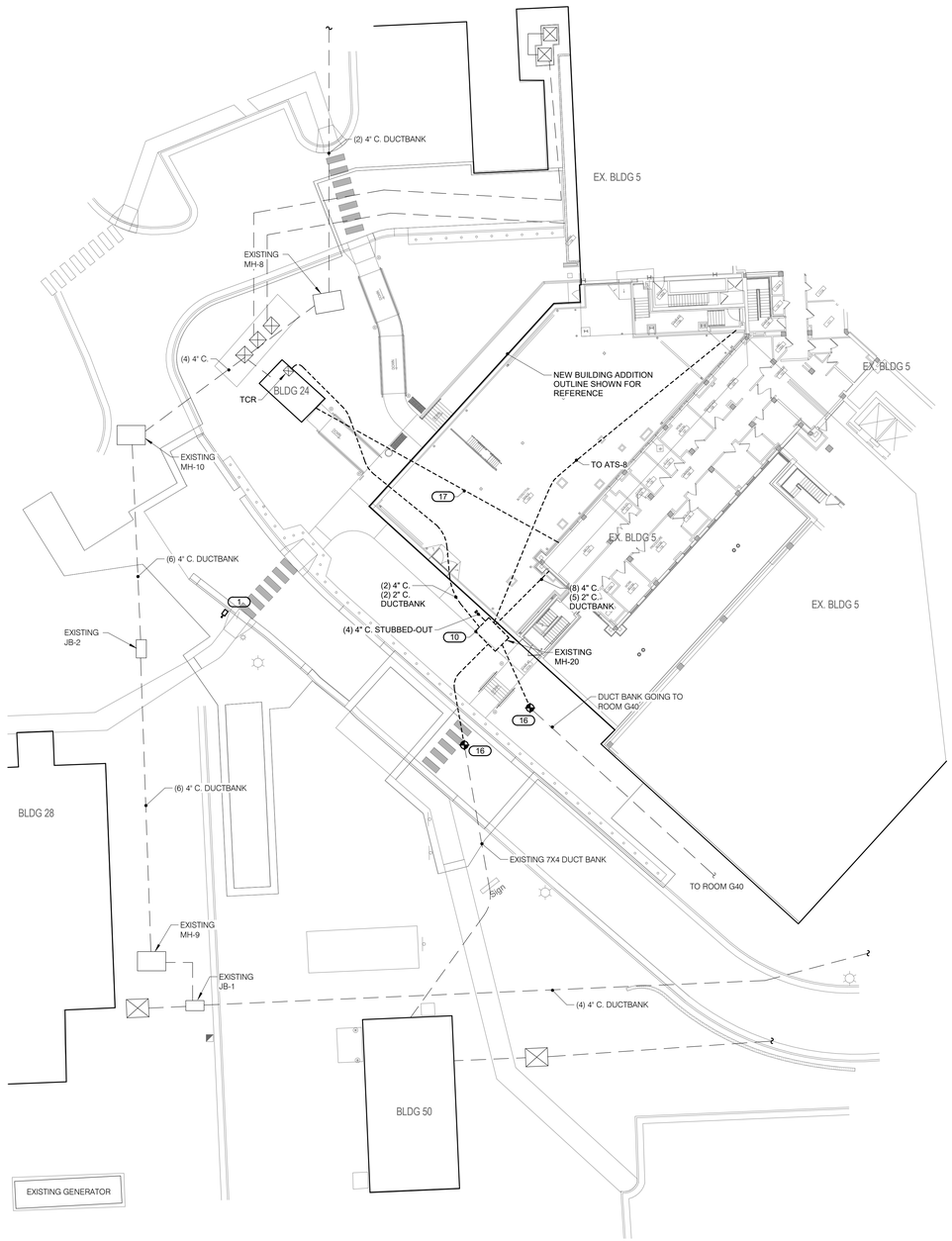
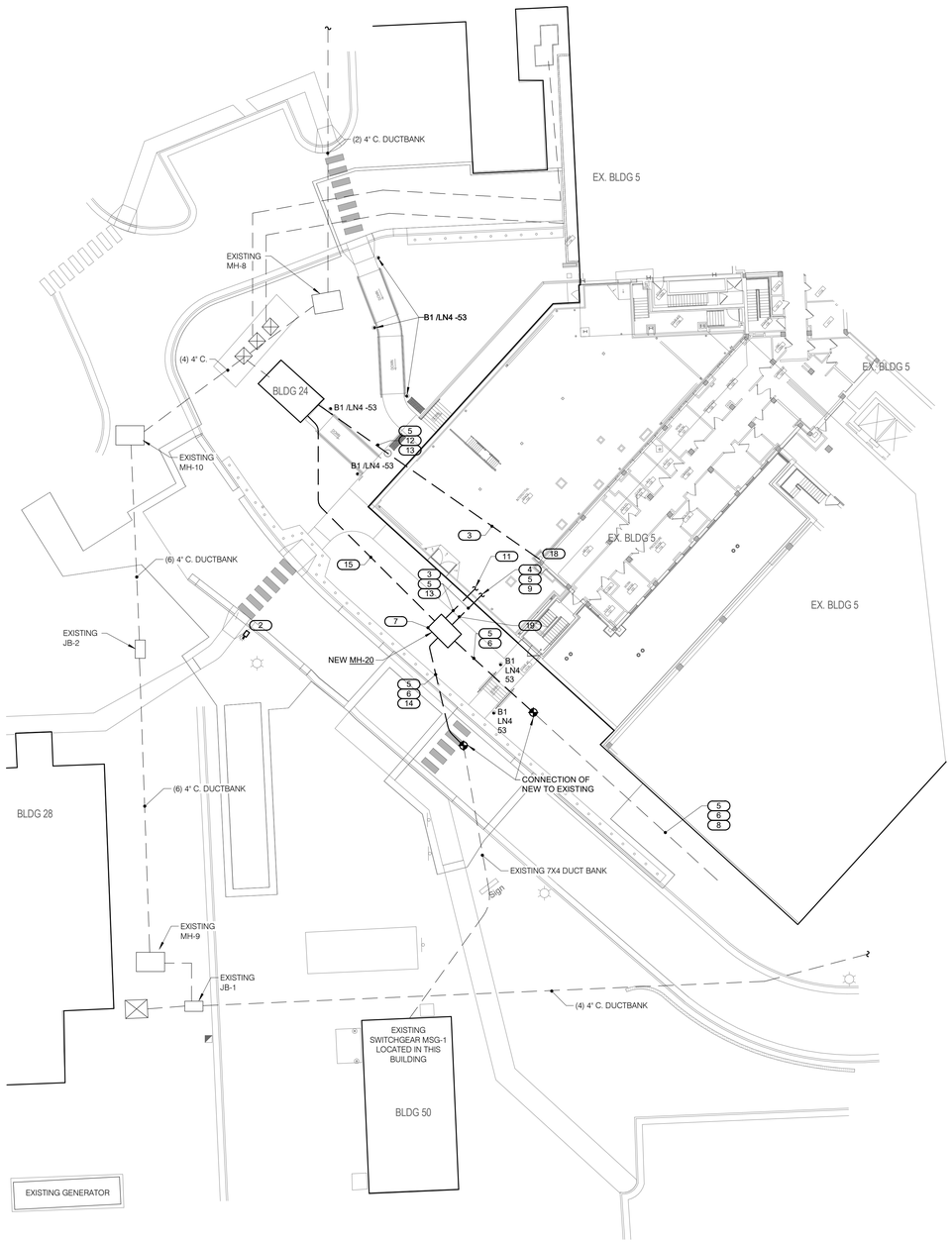


1 SITE PLAN - POWER DEMO

1" = 20'-0"



2 SITE PLAN - POWER

1" = 20'-0"

SHEET NOTES:

1. ALL NEW CONDUCTORS MUST BE RAN FOR ALL BRANCHES OF EMERGENCY POWER. NO SPLICING WILL BE ALLOWED.
2. ALL NEW CONDUCTORS MUST BE RAN FOR CONTROL WIRING SERVING EQUIPMENT ON EMERGENCY POWER. NO SPLICING WILL BE ALLOWED.
3. REFER TO MANHOLE MH-20 SCHEDULE IN ES400 FOR SITE FEEDER LOADS SERVED AND BUILDING/ROOM LOCATION.

KEYNOTES: (#)

1. EXISTING LIGHT POLE TO BE REMOVED AND RELOCATED. MAINTAIN EXISTING CONDUIT AND WIRING FOR REINSTALLATION. EXISTING POLE BASE TO BE DEMOLISHED.
2. INSTALL RELOCATED LIGHT POLE ON NEW CONCRETE POLE BASE. DIMENSIONS OF NEW POLE BASE SHALL MATCH EXISTING. EXTEND NEW #8 THWN CONDUCTORS IN 1"CONDUIT AS REQUIRED TO RECONNECT TO EXISTING CIRCUITING AND CONTROLS. COORDINATE EXACT LOCATION OF RELOCATED LIGHT POLE WITH CIVIL PLANS.
3. NEW PATHWAYS FOR FEEDERS AND CONTROL WIRING. ALL PATHWAYS TO BE CONCRETE ENCASED UNTIL CONDUIT SAFELY ENTERS THE BUILDING. COORDINATE EXACT ROUTING WITH CIVIL PRIOR TO INSTALLATION.
4. EXTEND AND CONNECT NEW CONDUIT TO EXISTING CONDUITS LOCATED IN BUILDING BASEMENT. ALL EXTERIOR CONDUITS TO BE CONCRETE ENCASED.
5. REFER TO ES400 AND ES501 FOR MORE INFORMATION ON CONDUCTORS AND CONDUIT REQUIREMENTS.
6. EXTEND NEW CONCRETE ENCASED DUCTBANK AND RECONNECT TO EXISTING DUCTBANK. COORDINATE EXACT ROUTING WITH CIVIL.
7. NEW MH-20. COORDINATE EXACT LOCATION WITH CIVIL PRIOR TO INSTALLATION. REFER TO ES400 FOR MANHOLE DETAILS.
8. CONCRETE ENCASED DUCTBANK SERVING EQUIPMENT LOCATED IN ROOM G40. REFER TO SHEET ES099 FOR CONTINUATION.
9. CONDUITS SERVING EQUIPMENT LOCATED IN BUILDING 5 ROOMS E01, E03, AND BUILDING 1 ROOM 1B. REFER TO MANHOLE MH-20 SCHEDULE ON ES400 FOR EQUIPMENT LOCATIONS.
10. EXISTING MANHOLE 20 TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION.
11. NEW CONDUIT AND CONDUCTORS TO DISCONNECT SWITCH SERVING ATS-8.
12. REFER TO 2/ES401 FOR DUCT BANK DETAIL
13. ALL CONDUITS TO BE CONCRETE ENCASED UNTIL ENTERING BUILDING.
14. REFER TO 1/ES401 FOR DUCT BANK DETAIL.
15. REFER TO 4/ES401 FOR DUCT BANK DETAIL.
16. SUGGESTED LOCATION OF WHERE TO STOP REMOVAL OF EXISTING DUCTBANK. COORDINATE EXACT LOCATION WITH CIVIL, STRUCTURAL, AND ARCHITECTURAL PLANS.
17. DUCTBANK FROM BUILDING 24 TO BUILDING 5. REFER TO ES400 FOR EXISTING FEEDER SCHEDULE AND REPLACEMENT INFORMATION.
18. E.C. TO REUSE EXISTING CONDUIT/PATHWAYS LOCATED IN EXISTING BUILDING 5.
19. REFER TO 5/ES401 FOR DUCT BANK DETAIL

Addendum 3 (AD-3)	05/20/2025
Revisions:	Date:

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5/20/2025

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW ELECTRICAL SITE PLANS	Phase: BID DOCUMENTS	Project Title: CONSTRUCT NEW SPS	Project Number: 438-460
			Building Number: 5
Approved:	FULLY SPRINKLERED	Location: Sioux Falls, SD.	Drawing Number: AD-3 ES100
		Issue Date: 05/13/2025 / Checked: KLS / Drawn: AWU	

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