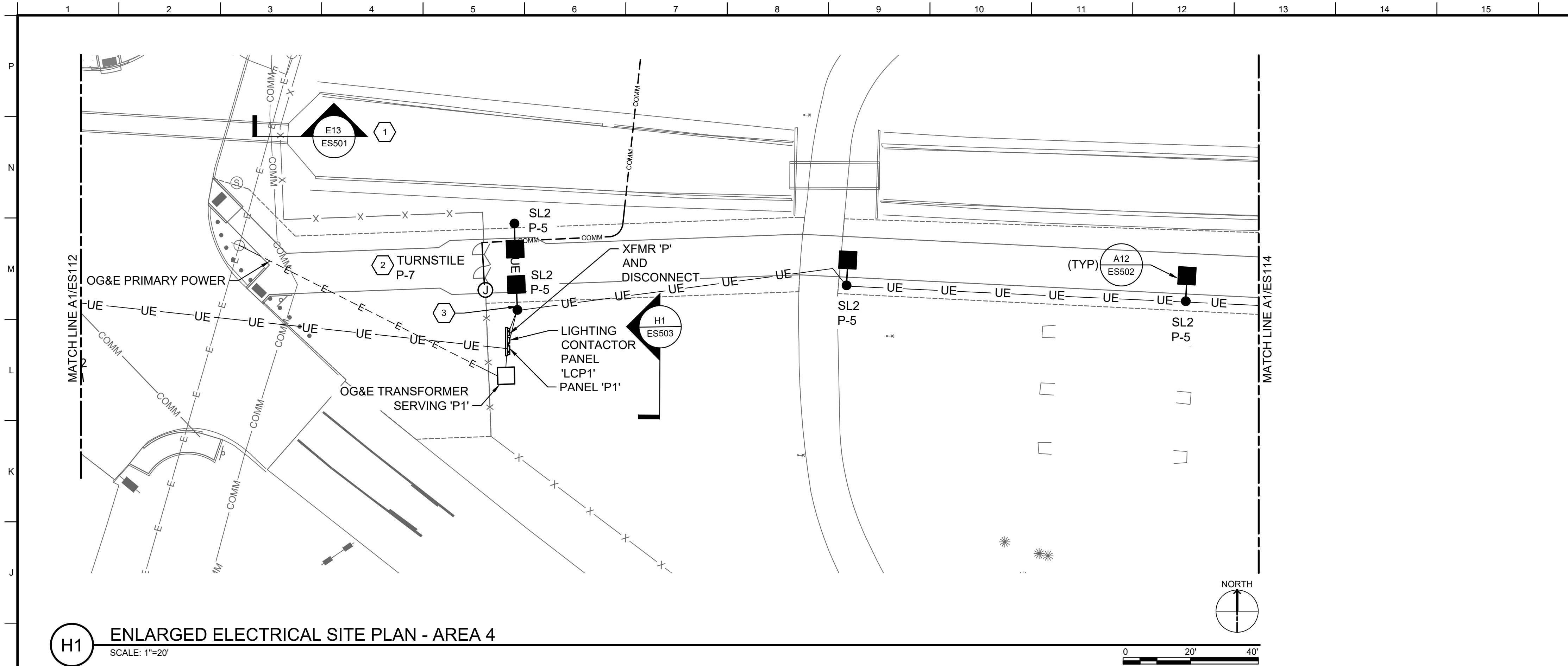
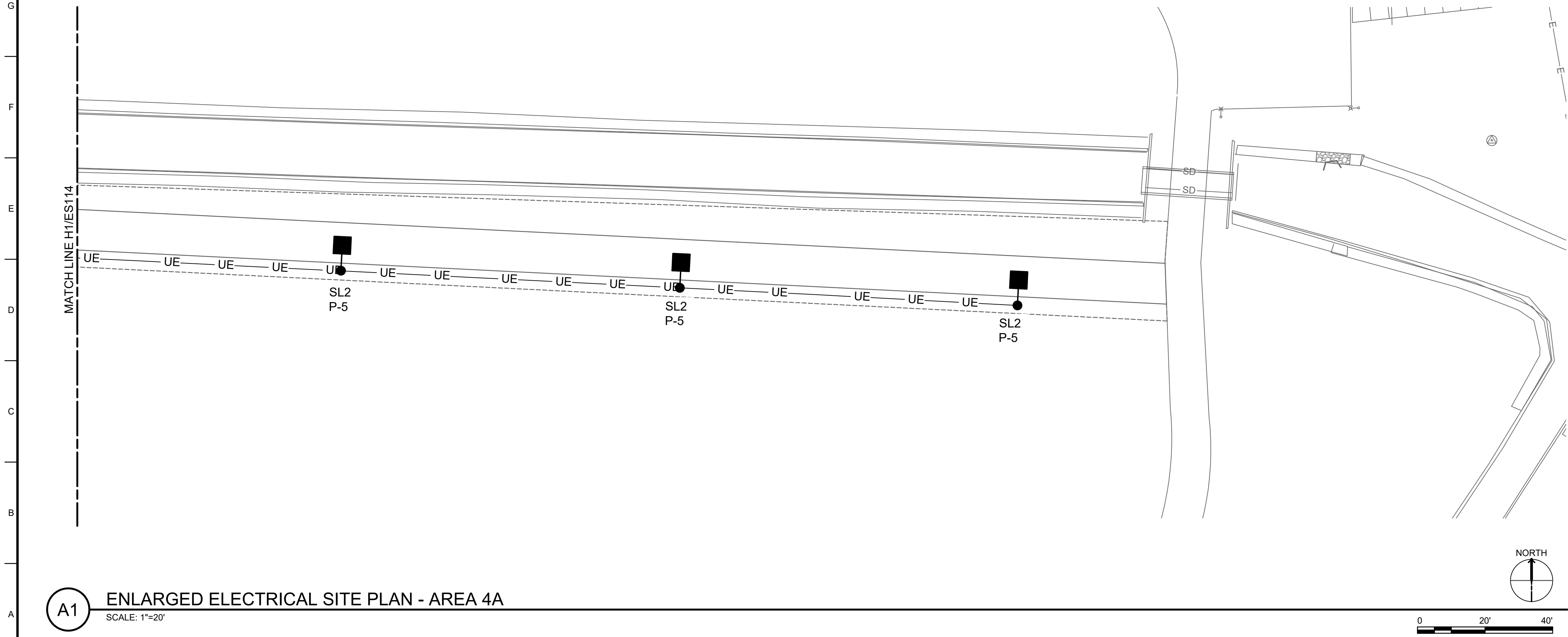




H1 ENLARGED ELECTRICAL SITE PLAN - AREA 4
SCALE: 1"=20'



A1 ENLARGED ELECTRICAL SITE PLAN - AREA 4A
SCALE: 1"=20'

GENERAL SHEET NOTES

1. REFER TO ES001 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. ALL ELECTRICAL SCOPE SHOWN ON THIS SHEET IS A BID OPTION.
3. REFER TO TN001 FOR TELECOMM. OUTSIDE PLANT GENERAL NOTES.

SHEET KEYNOTES

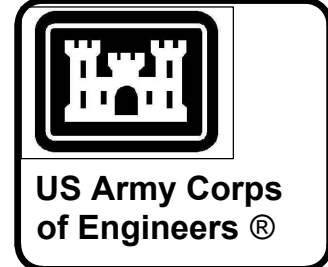
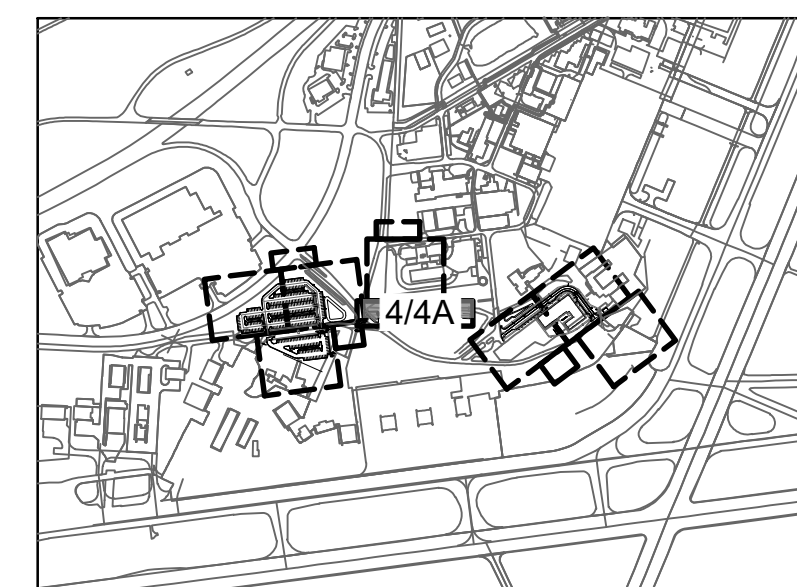
1. PROVIDE (1) 2" CONDUIT FROM EXISTING HH-XX TO ABOVE GROUND ELECTRONICS SECURITY ENCLOSURE, REFER TO ES110 FOR CONTINUATION.
2. POWER FOR TURNSTILE. PROVIDE ALL ELECTRICAL INFRASTRUCTURE AS REQUIRED BY EQUIPMENT MANUFACTURER. THIS INCLUDES, BUT NOT LIMITED TO: PATHWAYS, WIRING, TERMINATIONS.
3. POWER FOR ABOVE GROUND ELECTRONICS SECURITY ENCLOSURE. COORDINATE STUB UP WITH ENCLOSURE INSTALLER. MOUNT RECEPTACLE WITHIN ENCLOSURE.

LEGEND

- E---E--- NEW UNDERGROUND ELECTRICAL - PRIMARY FEED
- COMM --- NEW COMMUNICATIONS
- COMMUNICATIONS MANHOLE
- TRANSFORMER
- E---E--- EXISTING UNDERGROUND ELECTRICAL - PRIMARY FEED
- COMM --- EXISTING COMMUNICATIONS
- ES---ES--- EXISTING UNDERGROUND ELECTRICAL - SECONDARY FEED
- UE --- NEW UNDERGROUND ELECTRICAL - SECONDARY FEED

Professional Engineer
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.
Signature: *[Signature]*
Typed or Printed Name: DUGAN BRADLEY
Date: 07/23/25 License Number: 61869

KEY PLAN



DATE	DESCRIPTION
JUL 2025	0 READY-TO-ADVERTISE (RTA) SUBMITTAL

DESIGNED BY: D. BRADLEY	ISSUE DATE: JUL 2025
DRAWN BY: D. BRADLEY	REVISION NO.: W9127S24F007
CHECKED BY: S. STRATTON	CONTRACT NO.: W9127S24F007
SUBMITTED BY: B. STREIBER	FILE NAME: 165436ES11-ES116.dwg
ANSI D	SIZE:

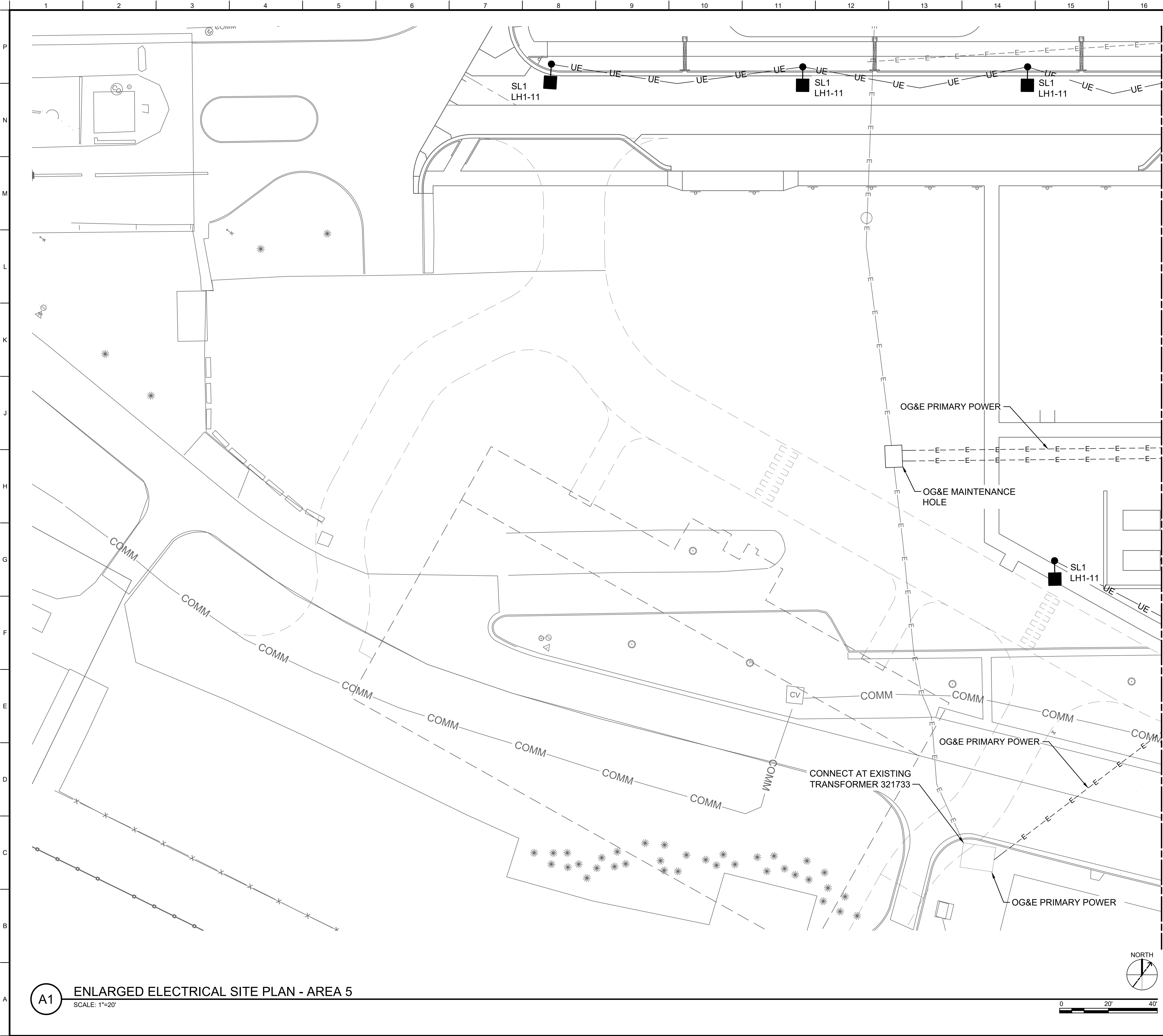
US ARMY CORPS OF ENGINEERS
LITTLE ROCK DISTRICT
LITTLE ROCK, ARKANSAS

BURNS AND McDONNELL
9400 WARD PARKWAY
KANSAS CITY, MO. 64114
165436

F-35: SPECIAL ACCESS PROGRAM FACILITY EBBING AIR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS	ENLARGED ELECTRICAL SITE PLAN - AREA 4/4A
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SHEET ID
ES114

READY-TO-ADVERTISE (RTA) SUBMITTAL



A1 ENLARGED ELECTRICAL SITE PLAN - AREA 5
SCALE: 1"=20'

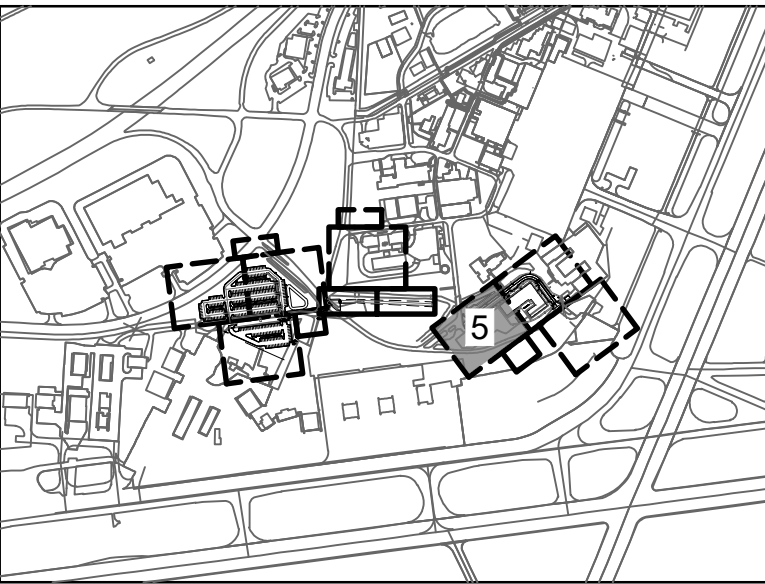
GENERAL SHEET NOTES

1. REFER TO ES001 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. REFER TO TN001 FOR TELECOMM. OUTSIDE PLANT GENERAL NOTES.

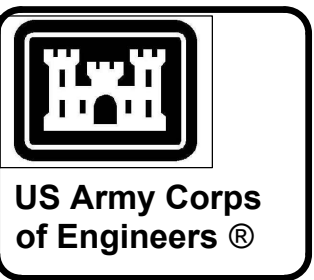
LEGEND

- E---E--- NEW UNDERGROUND ELECTRICAL
- COMM --- NEW COMMUNICATIONS
- COMMUNICATIONS MANHOLE
- TRANSFORMER
- E---E--- EXISTING UNDERGROUND ELECTRICAL - PRIMARY FEED
- COMM --- EXISTING COMMUNICATIONS
- ES---ES--- EXISTING UNDERGROUND ELECTRICAL - SECONDARY FEED
- UE --- NEW UNDERGROUND ELECTRICAL - SECONDARY FEED

KEY PLAN



Professional Engineer
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.
Signature: *Dugan Bradley*
Typed or Printed Name: DUGAN BRADLEY
Date: 07/23/25 License Number: 61869



DATE	MARK	DESCRIPTION
JUL 2025	0	READY-TO-ADVERTISE (RTA) SUBMITTAL

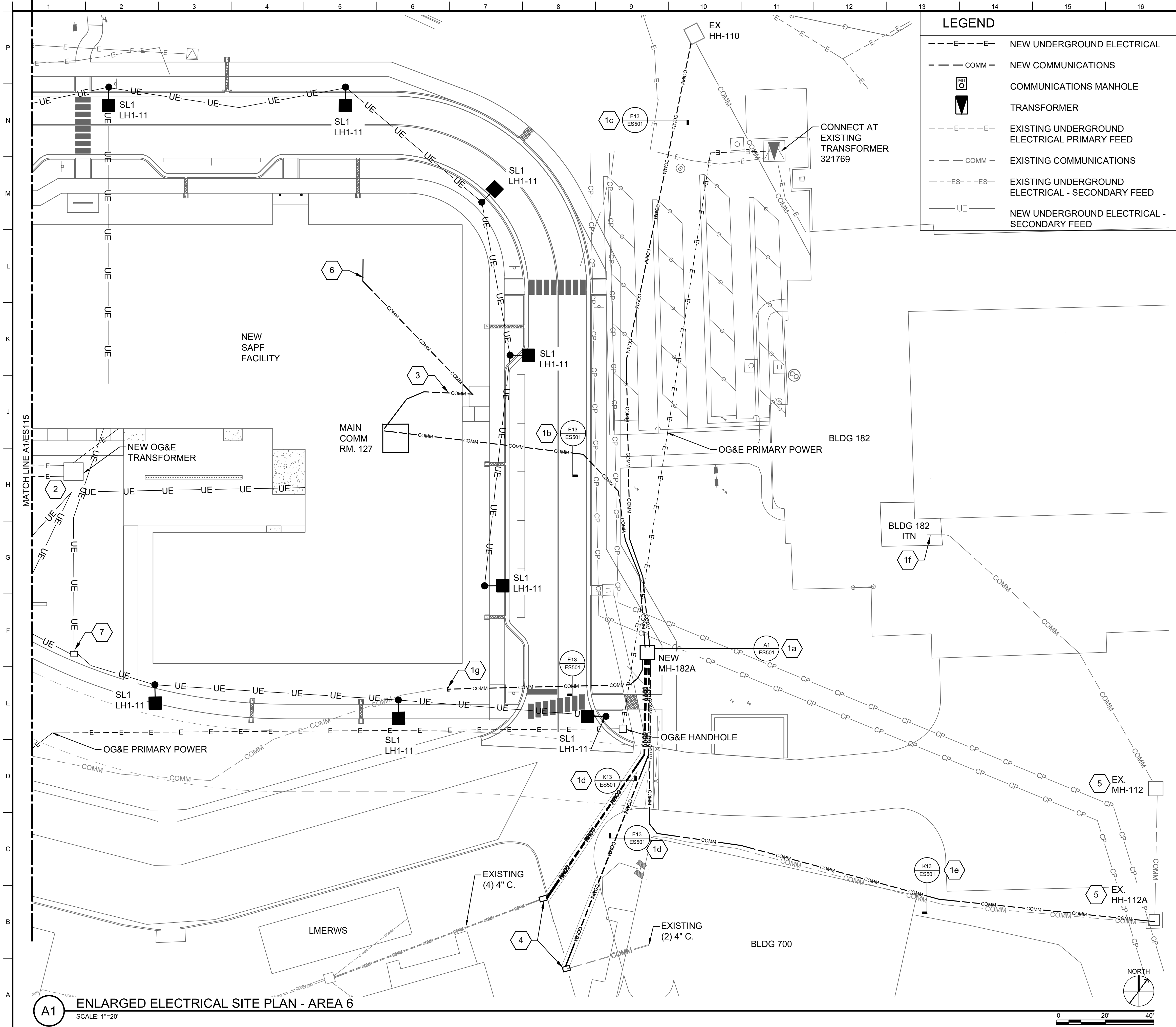
DESIGNED BY: D. BRADLEY	ISSUE DATE: JUL 2025
DRAWN BY: D. BRADLEY	LOCATION NO.: W912S24R400
CHECKED BY: S. STRATTON	CONTRACT NO.: W912S24F007
SUBMITTED BY: B. STREEBIN	FILE NAME: 165438511-ES116.dwg
US ARMY CORPS OF ENGINEERS LITTLE ROCK DISTRICT LITTLE ROCK, ARKANSAS	
BURNS AND McDONNELL 9400 WARD PARKWAY KANSAS CITY, MO. 64114 165436	

F-35: SPECIAL ACCESS PROGRAM FACILITY
EBBING AIR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS

ENLARGED ELECTRICAL SITE PLAN - AREA 5

SHEET ID
ES115

READY-TO-ADVERTISE (RTA) SUBMITTAL



LEGEND	
	NEW UNDERGROUND ELECTRICAL
	NEW COMMUNICATIONS
	COMMUNICATIONS MANHOLE
	TRANSFORMER
	EXISTING UNDERGROUND ELECTRICAL PRIMARY FEED
	EXISTING COMMUNICATIONS
	EXISTING UNDERGROUND ELECTRICAL - SECONDARY FEED
	NEW UNDERGROUND ELECTRICAL - SECONDARY FEED

GENERAL SHEET NOTES	
1.	REFER TO ES001 FOR ELECTRICAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2.	REFER TO TN001 FOR TELECOM OUTSIDE PLANT GENERAL NOTES.

SHEET KEYNOTES	
1.	MH 182A INFRASTRUCTURE RE-ROUTE, CONTRACTOR TO PROVIDE THE FOLLOWING: a. PROVIDE TYPE 3 MANHOLE, REFER TO DETAIL A1/ES501. b. PROVIDE (2) 4" CONDUITS FROM MAIN COMM RM 127 TO NEW MH-182A. COORDINATE LOCATIONS WITH STRUCTURAL FOOTING(S) AND STEM WALL. c. PROVIDE (2) 4" CONDUITS FROM NEW MH-182A, TO HH 110. d. PROVIDE (2) 4" CONDUITS FROM NEW MH-182A, INTERCEPT EXISTING CONDUITS TO TEMPORARY FACILITIES AS INDICATED. LOCATION TO BE DETERMINED IN THE FIELD. STOP CONDUITS SHORT OF EXISTING PRIOR TO STEP 1f. e. PROVIDE (4) 4" CONDUITS FROM MH-182A TO EXISTING HH-112A, ROUTE CONDUITS ALONG EXISTING CONDUIT INFRASTRUCTURE. f. COORDINATE OUTGATE WITH COR. PROVIDE NEW FIBER OPTIC CABLING. FOR TEMPORARY FACILITIES FROM BUILDING 182 TO NEW MH-182A. COIL CABLES. REMOVE EXISTING FIBER OPTIC CABLING SERVING THE TEMPORARY FACILITIES FROM BUILDING 182. CONNECT NEW CONDUITS INDICATED IN 1d. ABOVE. CONTINUE INSTALLATION OF NEW FIBER OPTIC CABLING TO THE TEMPORARY FACILITIES TERMINATE AND TEST. REFER TO TN702 FOR ADDITIONAL INFORMATION. g. PROVIDE (2) 4" CONDUITS FOR 3-BAY HANGAR. COORDINATE INSTALLATION WITH COR. h. DEMO EXISTING COMMUNICATION INFRASTRUCTURE AS NOTED ON ED111.
2.	UTILITY TRANSFORMER. OG&E WILL PROVIDE AND INSTALL THE FOLLOWING: a. MEDIUM VOLTAGE CONNECTION UPSTREAM OF TRANSFORMER b. TRANSFORMER, PAD AND GROUNDING c. PRIMARY CONNECTION TO TRANSFORMER d. CT AND METER WITHIN TRANSFORMER e. SECONDARY CONDUIT STUB OUTS 2'-0" PAST TRANSFORMER PAD f. TERMINATE SECONDARY CONDUCTORS TO UTILITY TRANSFORMER (WILL NOT PROVIDE SECONDARY SERVICE CONDUCTORS)
3.	ELECTRICAL CONTRACTOR MUST PROVIDE SECONDARY CONDUCTORS, CONDUIT, AND TERMINATE TO SWBD.
4.	PROVIDE (2) 2" CONDUITS FORM MAIN COMM RM 127 TO ANTENNA TOWER COMM. PULL BOX. COORDINATE CONDUIT LOCATIONS WITH STRUCTURAL FOOTING(S) AND STEM WALL. REFER TO TN102 FOR ADDITIONAL INFORMATION REGARDING ANTENNA TOWER.
5.	PROVIDE 2'X3'X2' TIER 22 COMMUNICATION HANDHOLE WITH OPEN BOTTOM. INTERCEPT EXISTING CONDUIT. APPROXIMATE LOCATION OF MH-112, HH112A, AND ASSOCIATED CONDUIT DUCTBANKS FIELD VERIFY.
6.	STEP DESK CONDUIT, REFER TO TN102 FOR ADDITIONAL INFORMATION.
7.	PROVIDE 12"W X 24"L X 24"D HANDHOLE.

Professional Engineer
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the state of Minnesota.
Signature: *Dugan Bradley*
Typed or Printed Name: DUGAN BRADLEY
Date: 07/23/25 License Number: 61869

KEY PLAN

A1 ENLARGED ELECTRICAL SITE PLAN - AREA 6
SCALE: 1"=20'

US Army Corps of Engineers
®

ISSUE DATE: JUL 2025	DESIGNATION NO.: W912S24F007	FILE NAME: 165438311-ES116.dwg
DESIGNED BY: D. BRADLEY	CHECKED BY: S. STRATTON	SUBMITTED BY: B. STREEBIN
US ARMY CORPS OF ENGINEERS LITTLE ROCK DISTRICT LITTLE ROCK, ARKANSAS		
BURNS AND McDONNELL 9400 WARD PARKWAY KANSAS CITY, MO. 64114 165438		
F-35: SPECIAL ACCESS PROGRAM FACILITY EBBING AIR NATIONAL GUARD BASE (ANGB), FORT SMITH, ARKANSAS		
ENLARGED ELECTRICAL SITE PLAN - AREA 6		
SHEET ID		
ES116		

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