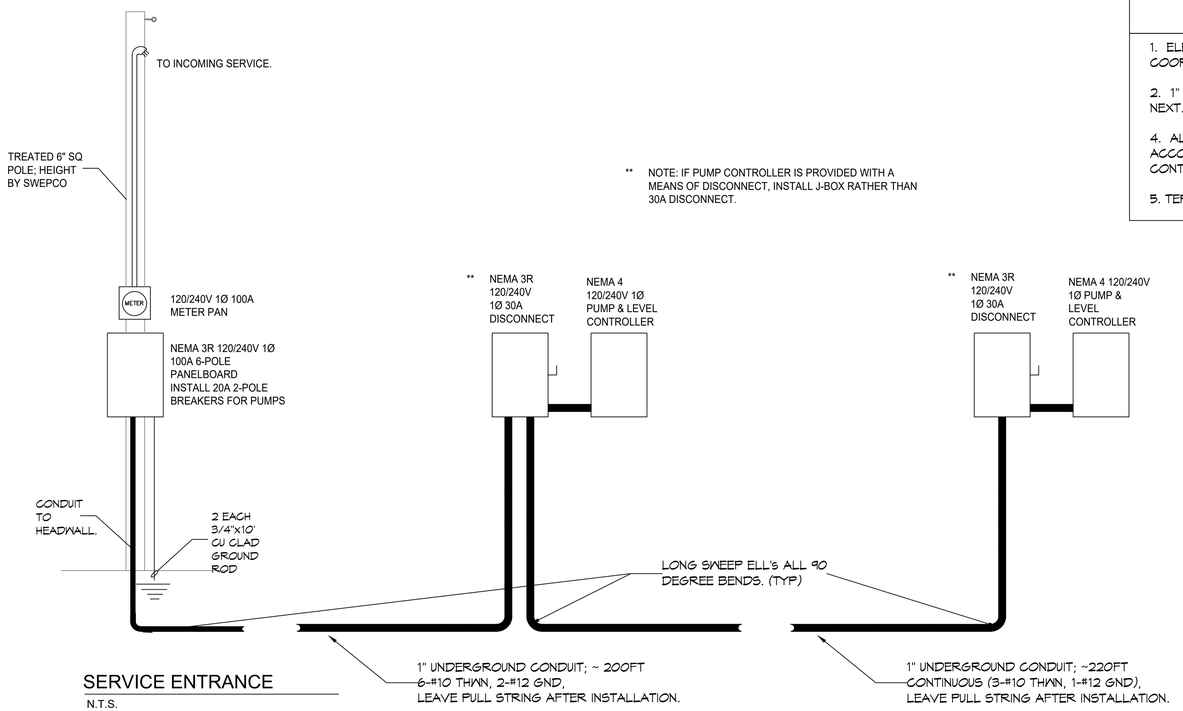


SERVICE ENTRANCE
N.T.S.

** NOTE: IF PUMP CONTROLLER IS PROVIDED WITH A MEANS OF DISCONNECT, INSTALL J-BOX RATHER THAN 30A DISCONNECT.

SPECIFIC ELECTRICAL NOTES

1. ELECTRICIAN SHALL SET A SERVICE POLE NEAR THE LOCATION SHOWN ON PLAN. COORDINATE WITH SWEPCO FOR FINAL LOCATION.

2. 1" UNDERGROUND CONDUITS SHALL BE INSTALLED FROM ONE HEADWALL TO THE NEXT.

4. ALL PUMPS WILL BE CONNECTED WITH TYPE SO CORD AND TERMINATED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ALL SO CORDS SHALL BE CONTINUOUS FROM CONTROLLER TO PUMP.

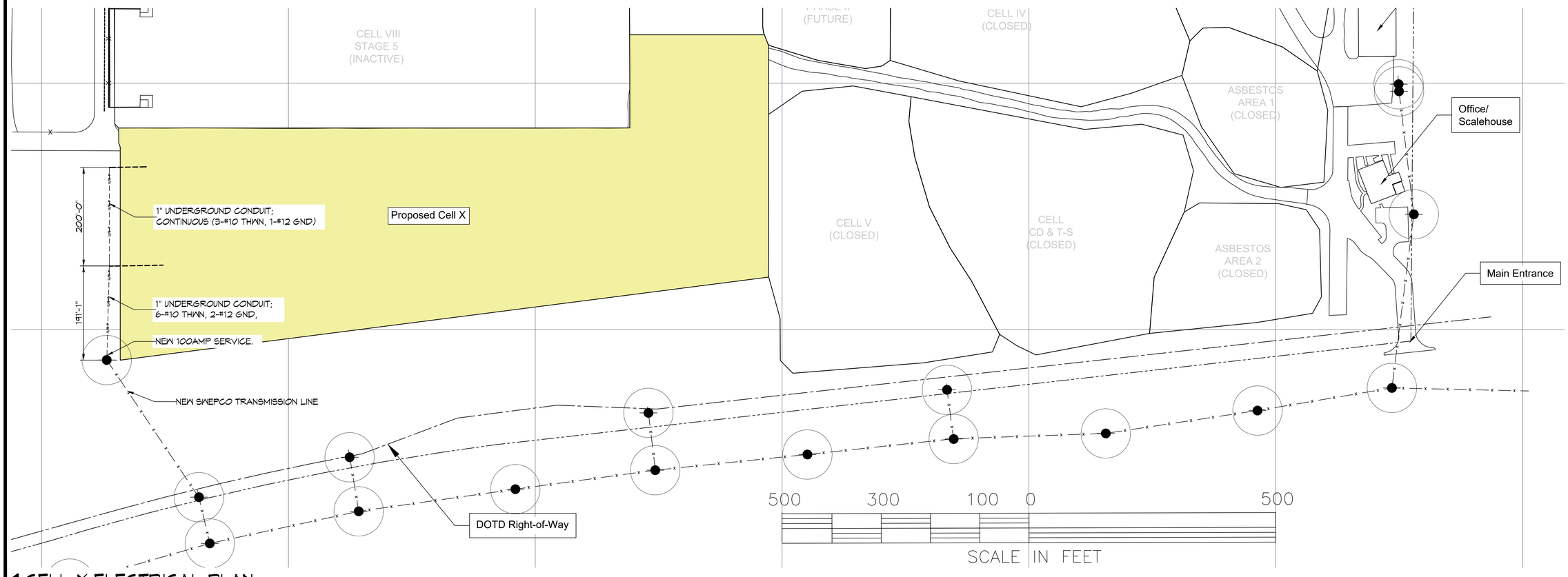
5. TERMINATE ALL EQUIPMENT ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

ELECTRICAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL RISERS SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
7. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
8. MINIMUM CONDUCTOR SIZE SHALL BE #10, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 1" SCH 80 FOR EXTERIOR USE, UNLESS OTHERWISE SHOWN.
9. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
11. IF RECEPTACLES ARE INSTALLED, INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
12. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71 & 250-72.
13. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
14. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
15. ALL CIRCUIT BREAKERS SHALL BE THERMAL-MAGNETIC FOR ALL MOTORS.
16. ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 40 PIPE BELOW GRADE AND SCHEDULE 80 PIPE ABOVE GRADE.

ELECTRICAL SERVICE:

CURRENT
2 EA. 3/4 HP 1Ø 3-WIRE MOTORS



1 CELL X ELECTRICAL PLAN
SCALE:

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

CONSTRUCTION OF WASTE DISPOSAL CELL X
MUNDY LANDFILL
DESOTO PARISH, LOUISIANA
101 FRANKLIN STREET
MANSFIELD, LOUISIANA 71052

JOB No:	2448	DATE: 2/29/2024
DRAWN BY:	DPD	CHECKED BY: CKD

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SHEET TITLE:
ELECTRICAL PLAN

DRAWING NUMBER:
E101

SHEET No: of =

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