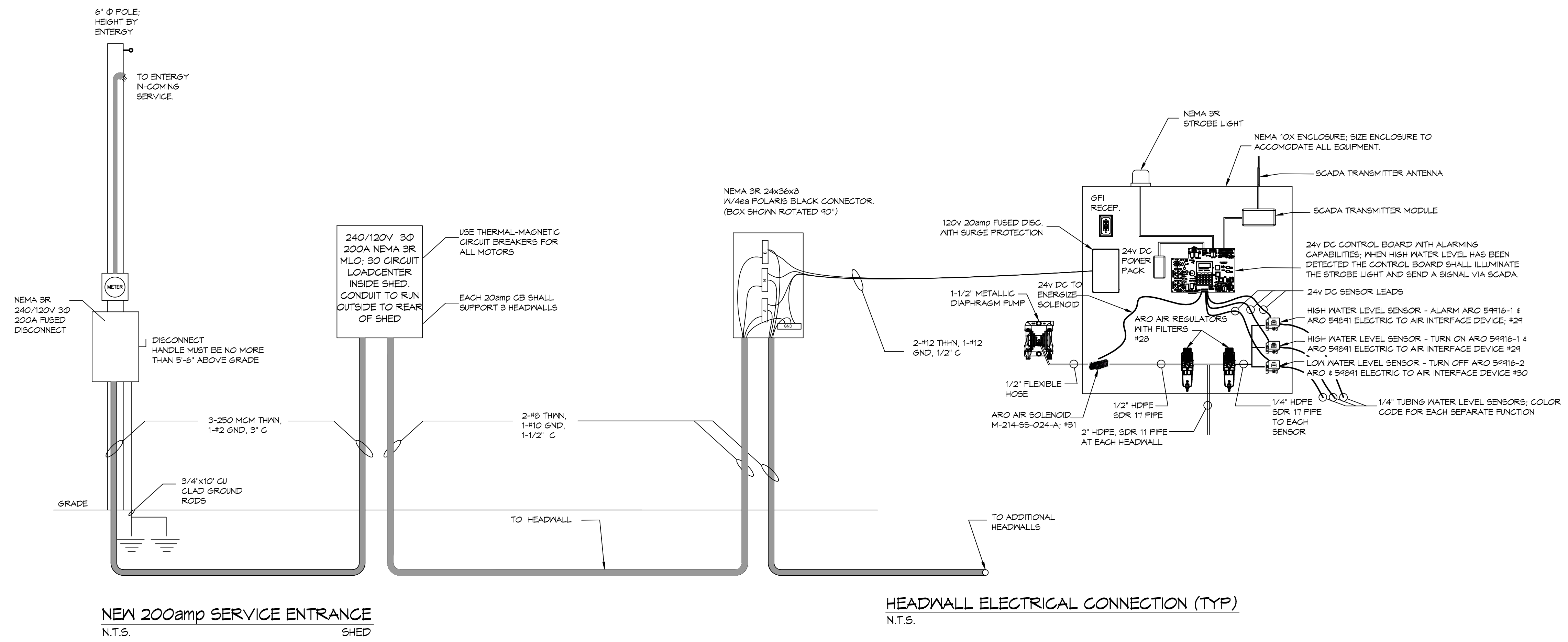


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**NEW 200amp SERVICE ENTRANCE**  
N.T.S.

**HEADWALL ELECTRICAL CONNECTION (TYP)**  
N.T.S.

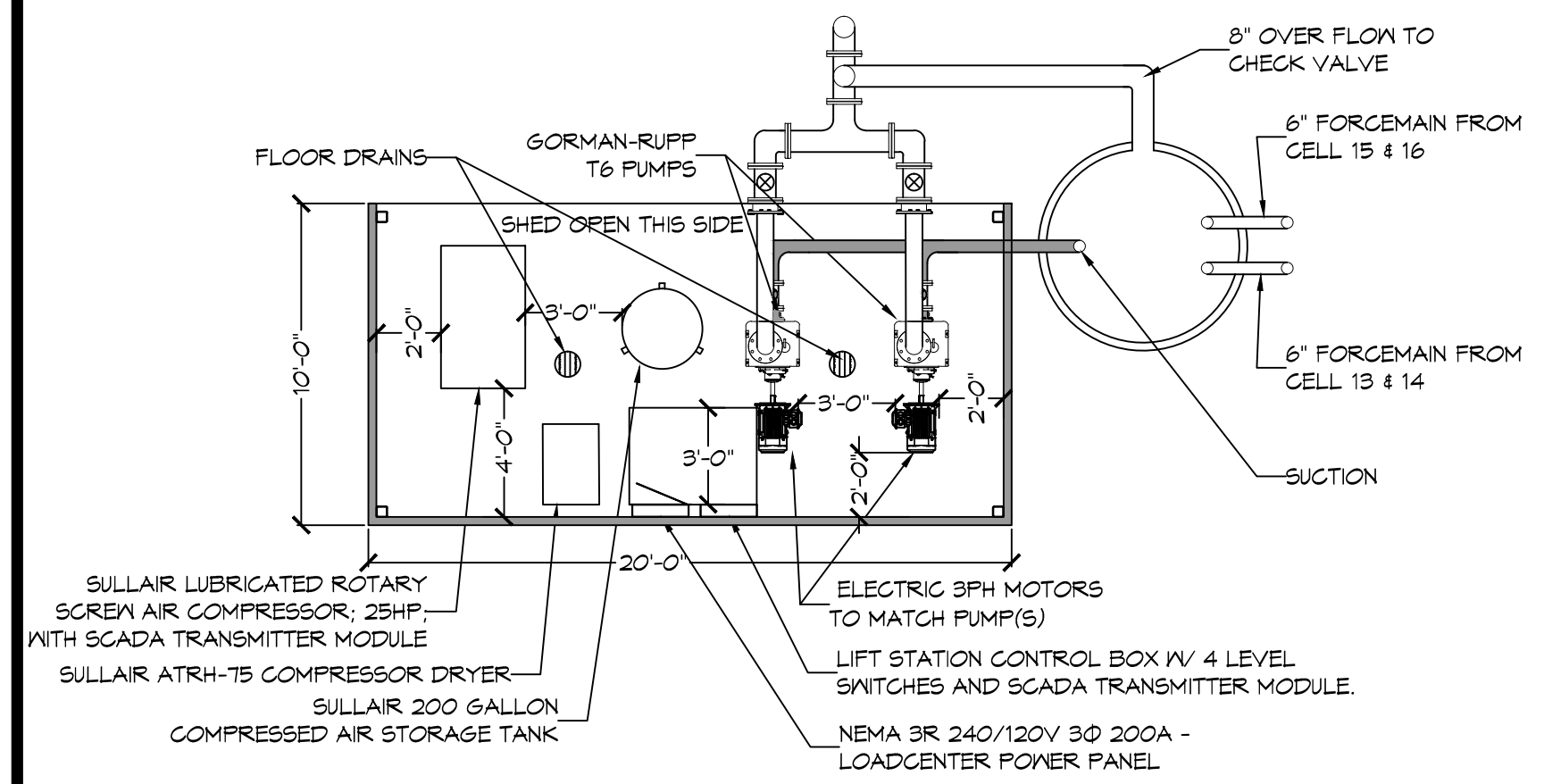
**GENERAL NOTES:**

- 2" UNDERGROUND CONDUITS SHALL BE INSTALLED BETWEEN HEADWALLS. EACH 20 AMP CIRCUIT BREAKER SHALL SUPPORT 3 HEADWALLS.
- TERMINATE ALL EQUIPMENT ACCORDING TO MANUFACTURER'S RECOMMENDATION.
- SCADA SOFTWARE SHALL BE FROM A FREE OPEN-SOURCE PROVIDER UNDER THE GPL LICENSE AND SHALL INTEGRATE WITH TANGIPAHOA PARISH'S EXISTING SYSTEM. EXAMPLES ARE SCADA LTS, OPENSADA, RAPID SCADA.
- THE SOFTWARE SHALL BE WEB-BASED THAT OPERATES ON ANY OPERATING ARCHITECTURE (PC/MAC/LINUX/IPHONE/ANDROID).
- THE SOFTWARE SHALL BE SCALABLE AND CAPABLE OF PRODUCING ALARMS TO HANDHELD DEVICES. IT SHALL ALSO LOG EVENTS FOR HISTORIC INFORMATION AND BE CAPABLE OF PRODUCING REPORTS.
- THE SIGNAL TRANSMITTER MODULE SHALL BE PAIRED WITH A MATCHING RECEIVER MODULE, THESE SHALL BE THE SAME MANUFACTURE/MODEL USED IN THE TANGIPAHOA PARISH'S EXISTING SYSTEM.

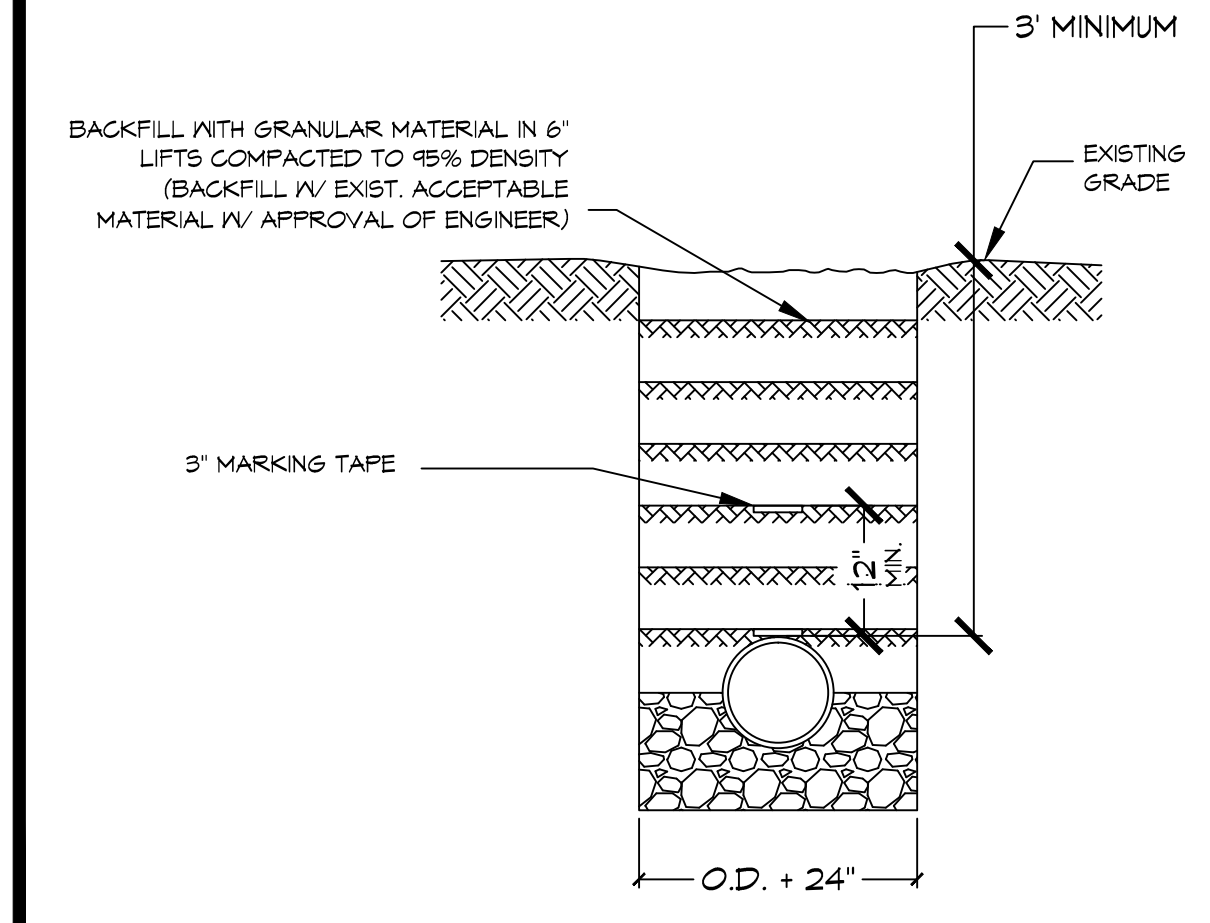
**ELECTRICAL NOTES**

- 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.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL POWER POLES AND ALL RISERS SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS. IF THE INCOMING ELECTRICAL SERVICE VOLTAGE IS NOT AT THE PROPER VOLTAGE, THE ELECTRICAL CONTRACTOR IS TO INSTALL BUCK/BOOST TRANSFORMERS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
- ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 1" SCH 80 FOR EXTERIOR USE, UNLESS OTHERWISE SHOWN.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- MDF SHALL HAVE THERMAL-MAGNETIC CIRCUIT BREAKERS FOR ALL MOTORS.
- ALL ELECTRICAL CONDUIT SHALL BE SCHEDULE 40 PIPE BELOW GRADE AND SCHEDULE 80 PIPE ABOVE GRADE.

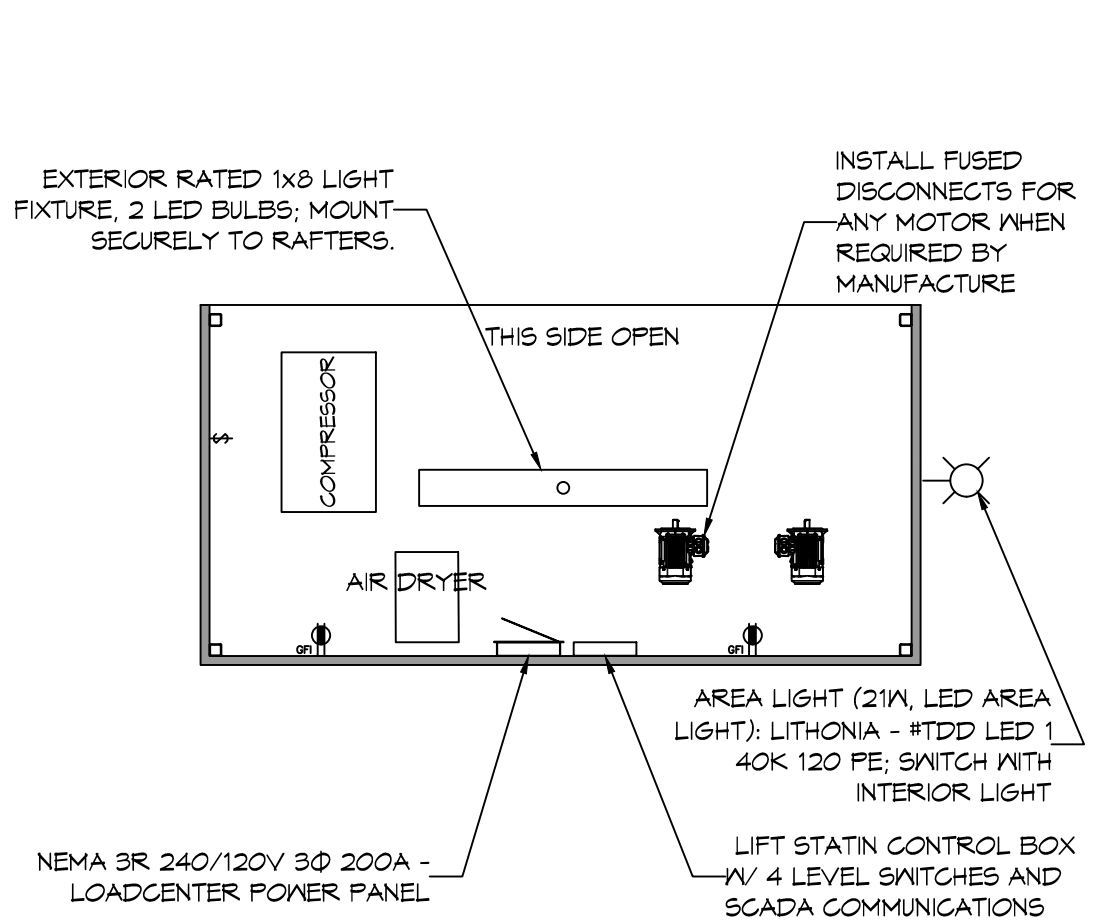
**NOTE : ONLY COMPRESSOR SHED & CELL 13 IS BEING CONSTRUCTED UNDER THIS PROJECT.**



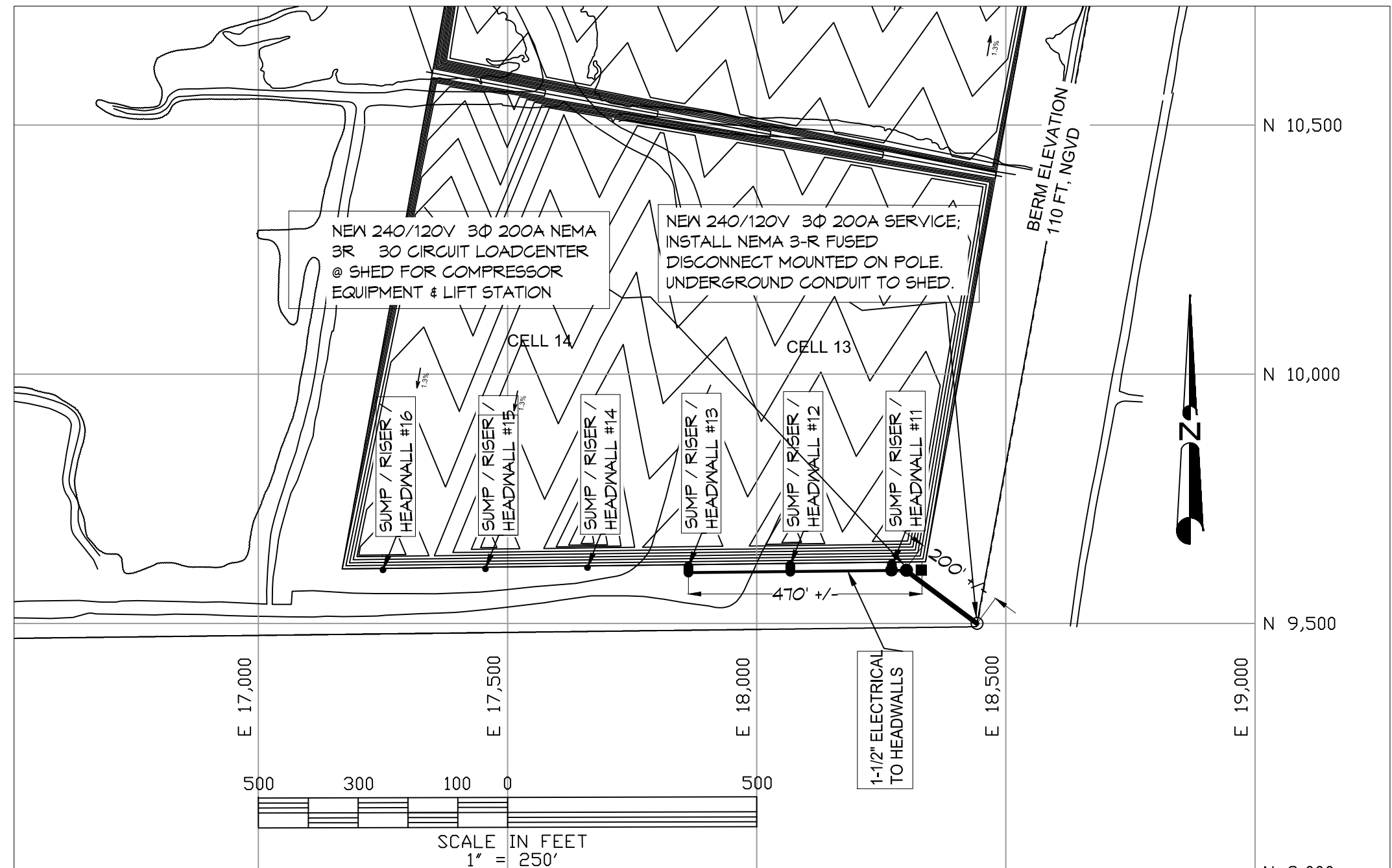
**COMPRESSOR SHED LAYOUT**  
N.T.S.



**PIPE DETAIL FOR ELECTRICAL CONDUIT(S)**  
SCALE: N.T.S.



**COMPRESSOR SHED ELECTRICAL PLAN**  
N.T.S.



**ELECTRICAL SITE PLAN**  
SCALE 1" = 250'

**DAMMON ENGINEERING, INC.**  
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 info@dammonengineering.com  
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#	DESCRIPTION	DATE
1	Revise Pipe Sizes	1/12/2016



TANGIPAHOA PARISH  
 TANGIPAHOA REGIONAL SOLID WASTE FACILITY  
 5750 HANO ROAD  
 INDEPENDENCE, LOUISIANA  
 JOB No: 2936 DATE: 12/21/2017  
 DRAWN BY: DPDP CHECKED BY: BP

SHEET TITLE:  
**ELECTRICAL PLAN**  
 DRAWING NUMBER:  
**E101**  
 SHEET No: 33 of #