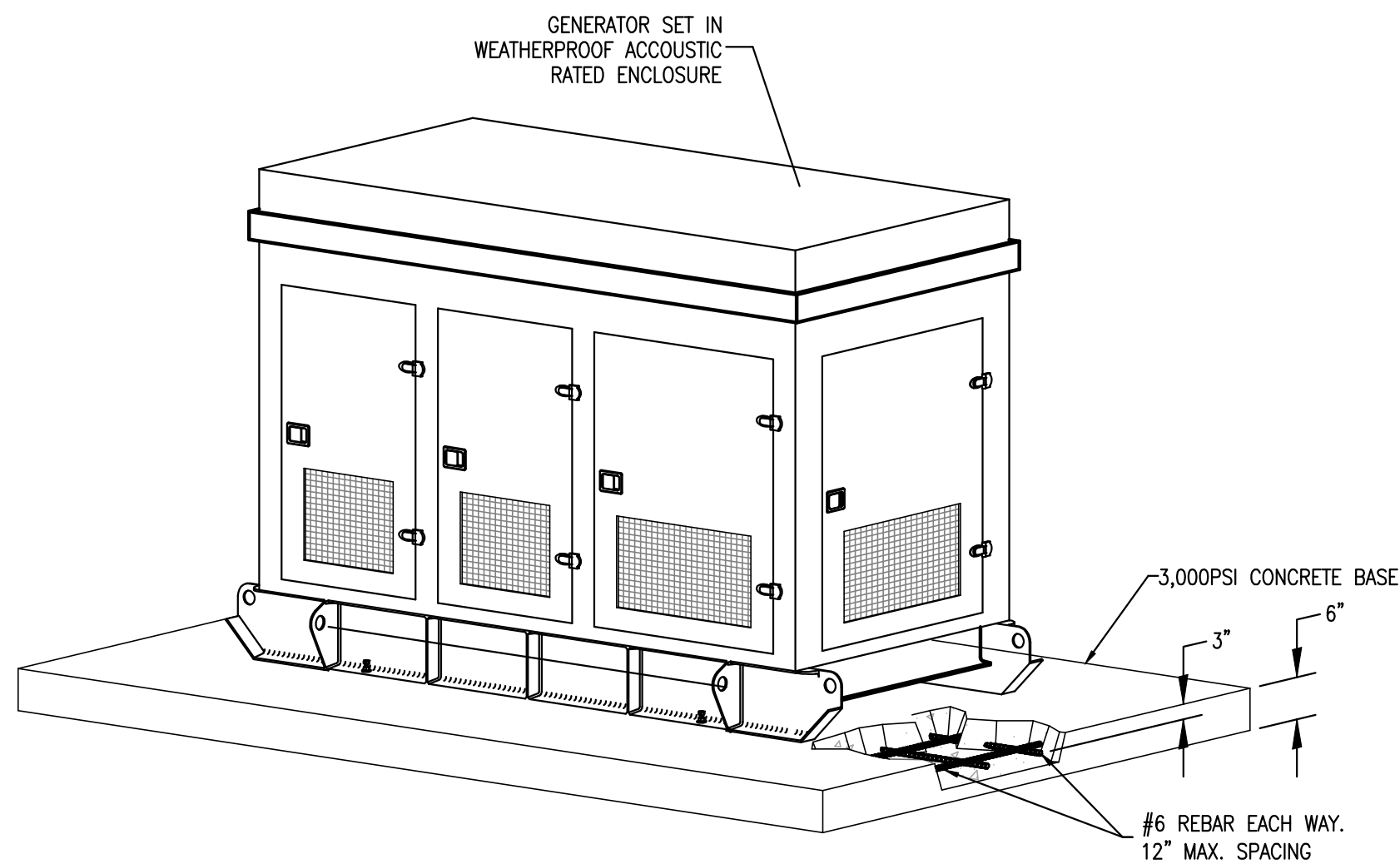
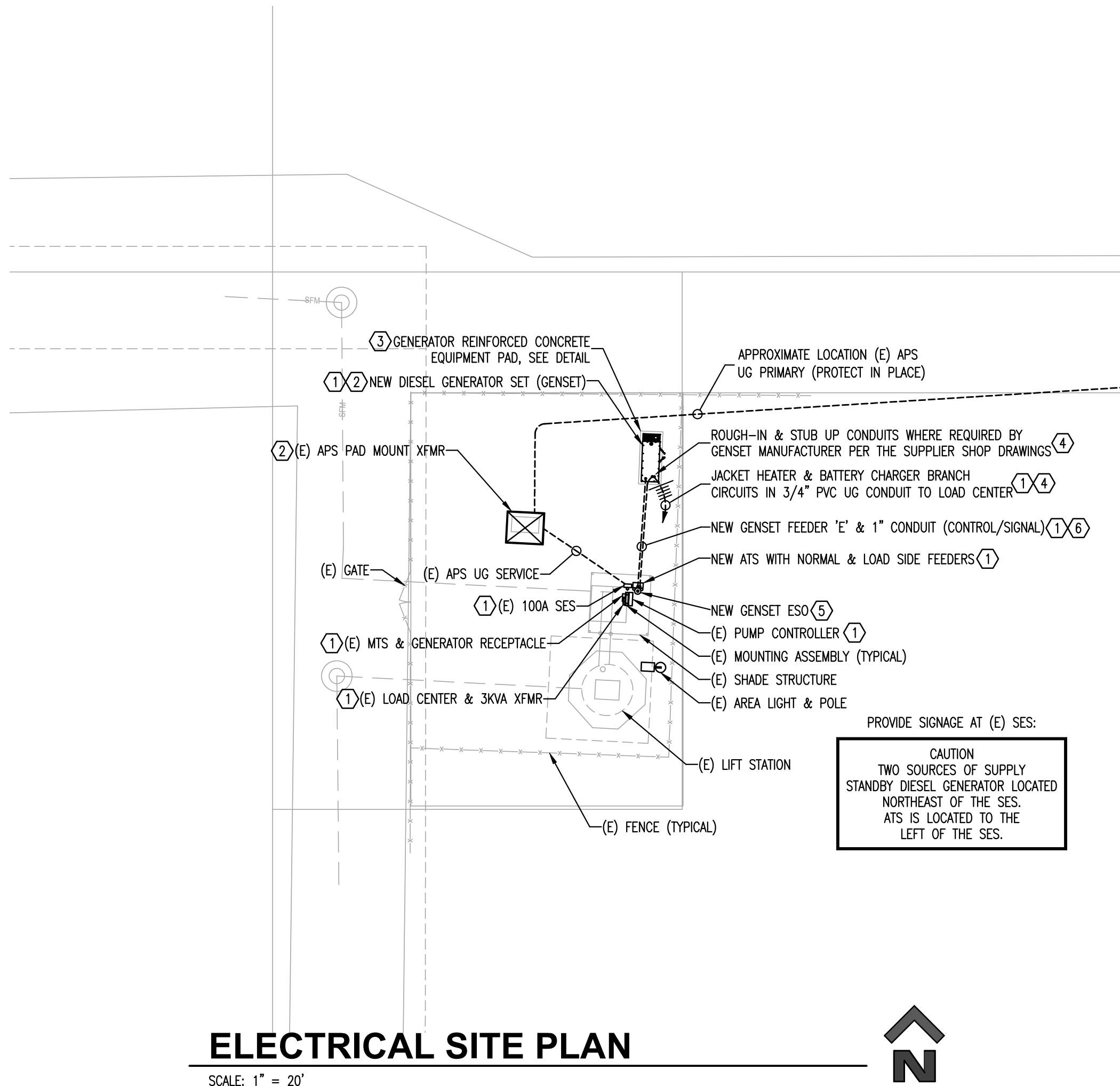


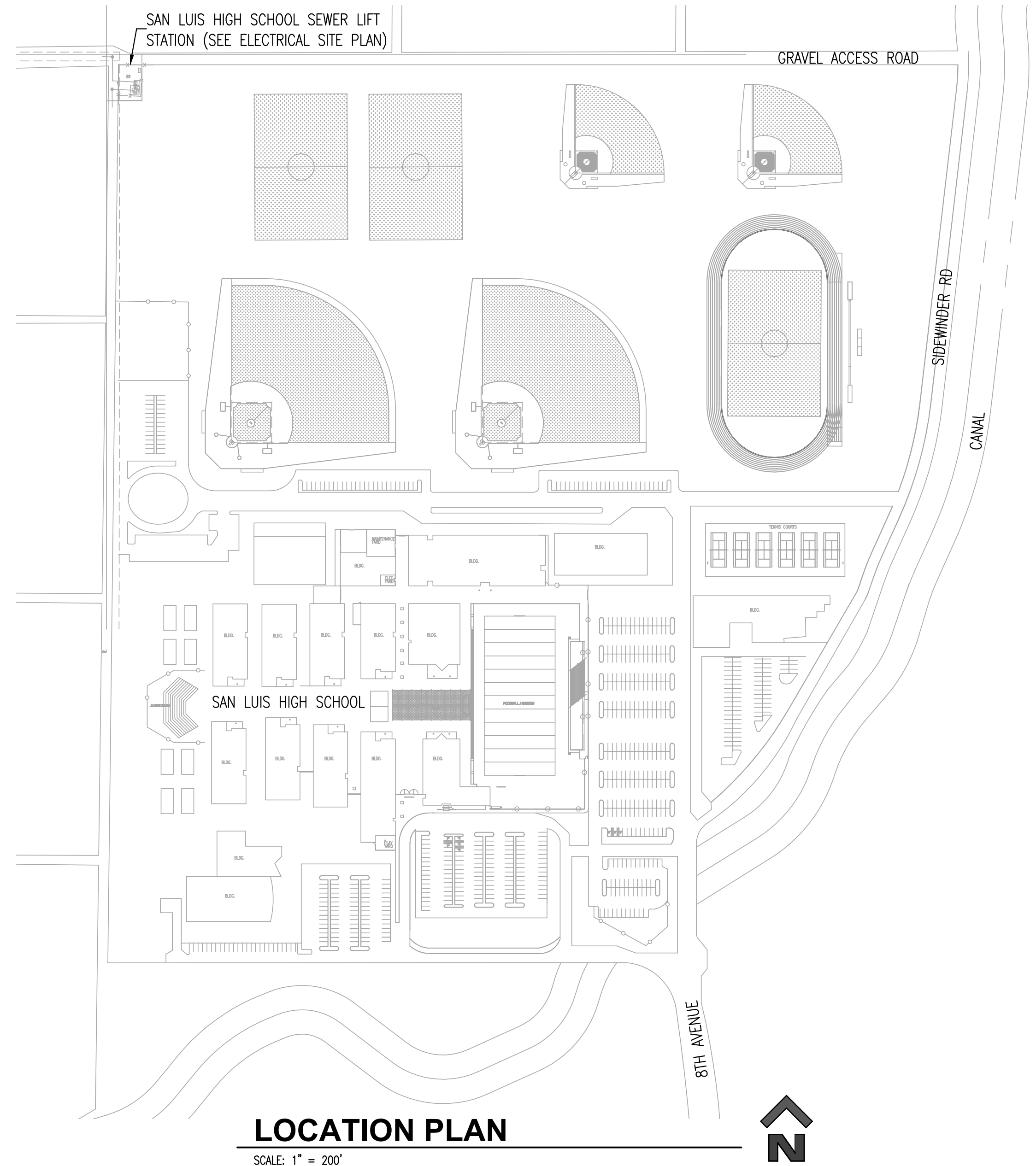


1
E-1
NTS
GENERATOR SUPPORT & HOUSEKEEPING PAD



ELECTRICAL SITE PLAN

SCALE: 1" = 20'



LOCATION PLAN

SCALE: 1" = 200'

ELECTRICAL SYMBOLS & ABBREVIATIONS:

- AFC AVAILABLE FAULT CURRENT.
AIC AMPS INTERRUPTING CAPACITY.
APS ARIZONA PUBLIC SERVICE.
ATS AUTOMATIC TRANSFER SWITCH.
CWP COLD WATER PIPE.
(E) EXISTING EQUIPMENT.
GFI GROUND FAULT CIRCUIT INTERRUPTER.
MBJ MAIN BONDING JUMPER.
MCB MAIN CIRCUIT BREAKER.
MLO MAIN LUG ONLY.
MTS MANUAL TRANSFER SWITCH.
SES SERVICE ENTRANCE SECTION, SIZED AS SHOWN.
XFMR TRANSFORMER.
UG UNDERGROUND.
JUNCTION BOX, MOUNT AS SHOWN.
NUMBER OF WIRES IN CONDUIT, LONG SLASH DENOTES GROUND WIRE, SHORT SLASH DENOTES NUMBER OF CURRENT CARRYING CONDUCTORS & NEUTRALS, HALF SLASH DENOTES SWITCHED LEG.
FUSED OR NONFUSED DISCONNECT SAFETY SWITCH, SIZE & TYPE AS SHOWN.
NEMA MOTOR STARTER, SIZE AS SHOWN.
UNDERGROUND CONDUIT.
ABOVE GROUND CONCEALED CONDUIT.

KEY NOTES:

- SEE ELECTRICAL ONE-LINE DIAGRAM.
COORDINATE WITH APS AND LOCATE & PROTECT EXISTING APS EQUIPMENT & UG UTILITIES IN VICINITY OF NEW WORK. MAINTAIN 20' SEPARATION BETWEEN NEW GENERATOR SET WITH DIESEL FUEL TANK & EXISTING APS XFMR. SEE ELECTRICAL GENERAL NOTE 6.
GENERATOR SET SUPPORT & HOUSEKEEPING PAD PER DETAIL 1/E-1.
COORDINATE WITH GENERATOR SUPPLIER AND PROVIDE ALL WIRE, CONDUIT, BRANCH CIRCUIT BREAKERS, AND ACCESSORIES AS REQUIRED TO CONNECT ALL SUPPLIER FURNISHED GENERATOR ACCESSORIES.
REMOTE STOP/EMERGENCY SHUT OFF (ESO) SWITCH, LOCATE WHERE REQUIRED BY AHJ AND OWNER.
CONTROL/SIGNAL CABLING AS REQUIRED BY GENERATOR SET/ATS SUPPLIER.

NOTES:

- ALL ELECTRICAL WORK SHOWN IS NEW UNLESS OTHERWISE NOTED.
SEE ELECTRICAL ONE-LINE DIAGRAM AND/OR PANEL SCHEDULES FOR BRANCH CIRCUIT WIRE SIZING UNLESS INDICATED OTHERWISE.
EXISTING ELECTRICAL NOT INDICATED TO BE REMOVED OR REPLACED SHALL BE PROTECTED DURING CONSTRUCTION & LEFT IN PLACE. CLEAN/REPAIR/RESTORE THIS EXISTING ELECTRICAL TO SERVICEABLE CONDITION PRIOR TO COMPLETION OF WORK.
FIELD VERIFY ALL EXISTING CONSTRUCTION & DIMENSIONS PRIOR TO WORK.

THIS DRAWING IS A LEGAL DOCUMENT ONLY WHEN SEALED AND SIGNED BY ENGINEER OF RECORD. COPYRIGHT INFRINGEMENT LAWS DO APPLY. USE OF THESE PLANS, SPECIFICATIONS, OR ANY DETAILS CONTAINED HEREIN SHALL BE RESTRICTED TO THE ORIGINAL DESIGN FOR WHICH THEY WERE PREPARED.

**CITY OF SAN LUIS
SAN LUIS HIGH SCHOOL LIFT STATION
NEW STANDBY GENERATOR INSTALLATION
1250 N. 8TH AVENUE, SAN LUIS, AZ 85349**

ELECTRICAL SITE PLAN

JOL ENTERPRISES, INC.
720 E. 35th Place, Suite 6
Yuma, Arizona, 85365
Office: (928) 783-0922
Fax: (928) 783-3854
www.jolenterprises.com

SCALE: AS SHOWN
DATE: DEC 2025
DES. BY: J.R.A.
DRAWN BY: Y.A.
JOB. No.: 25-058

SHEET
E-1
1 OF 3

ARIZONA 811
Call at least two full working days before you begin excavation.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348) in Maricopa County: (620) 263-1100

CERTIFICATE NO. 27839
JAMES R. ADLER
Professional Engineer License
Expires 03/31/27

