TOP FLEV.

EXIST. FINISH GRADE LINE 2"

BELOW SLAB

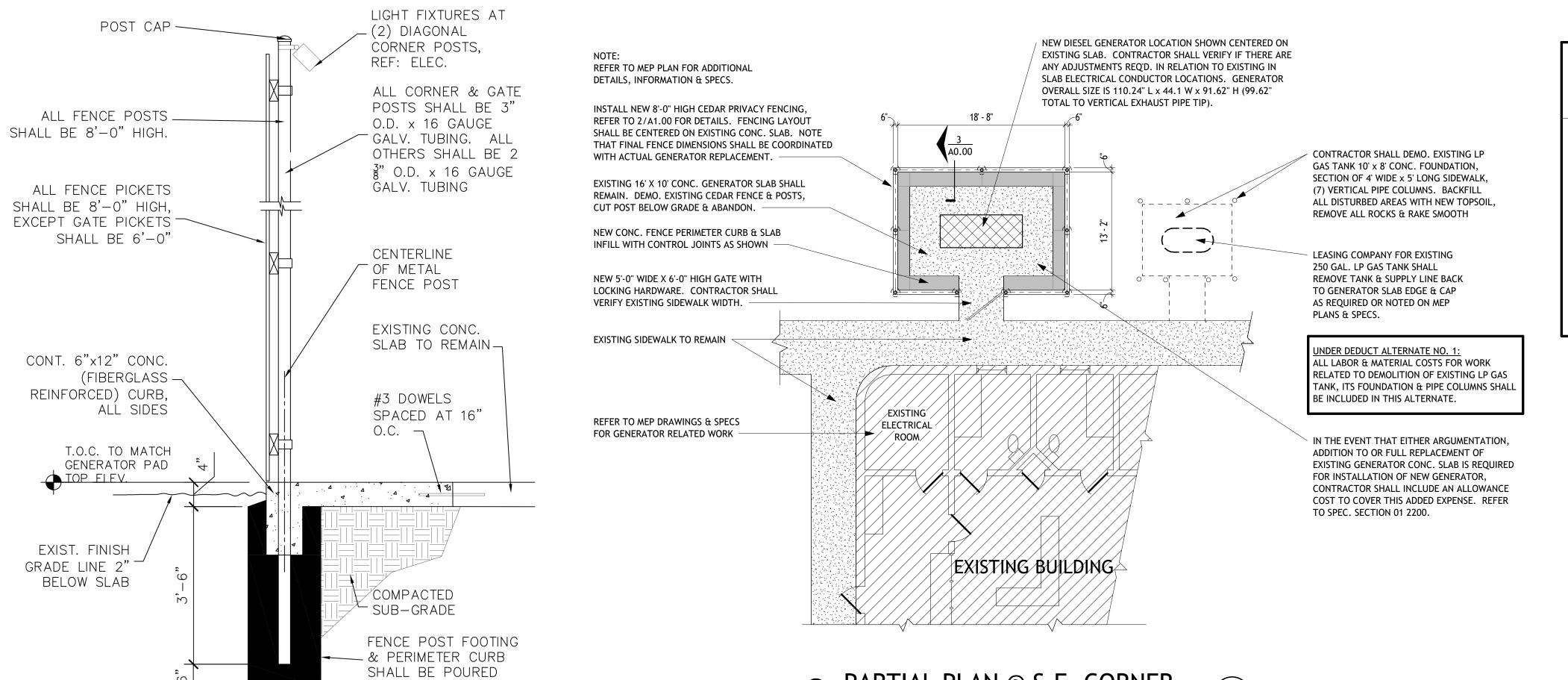
EMERGENCY GENERATOR REPLACEMENT TOM GREEN COUNTY JUVENILE JUSTICE CENTER

SHEET LIST

Sheet Name Sheet Number

SITE PLAN, PARTIAL FLOOR PLAN & FENCE SECTION SITE UTILITY PLAN, PARTIAL ELEC. PLAN, SCHEDULES & NOTES

1253 WEST 19 TH. STREET, SAN ANGELO, TEXAS



PROJECT TEAM

Architect of Record KFW Architects 37B West Concho Ave. San Angelo, TX 76903 (325) 653-2900

MEP Engineering Power Systems, Inc. Attn: Paul Wilkerson, P.I P.O. Box 2863 San Angelo, Texas 76902 (325) 659-2235

Drawn By

Checked By

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02-18-202

2 PARTIAL PLAN @ S.E. CORNER

1/8" = 1'-0" MONOLITHIC NEW FENCE SECTION

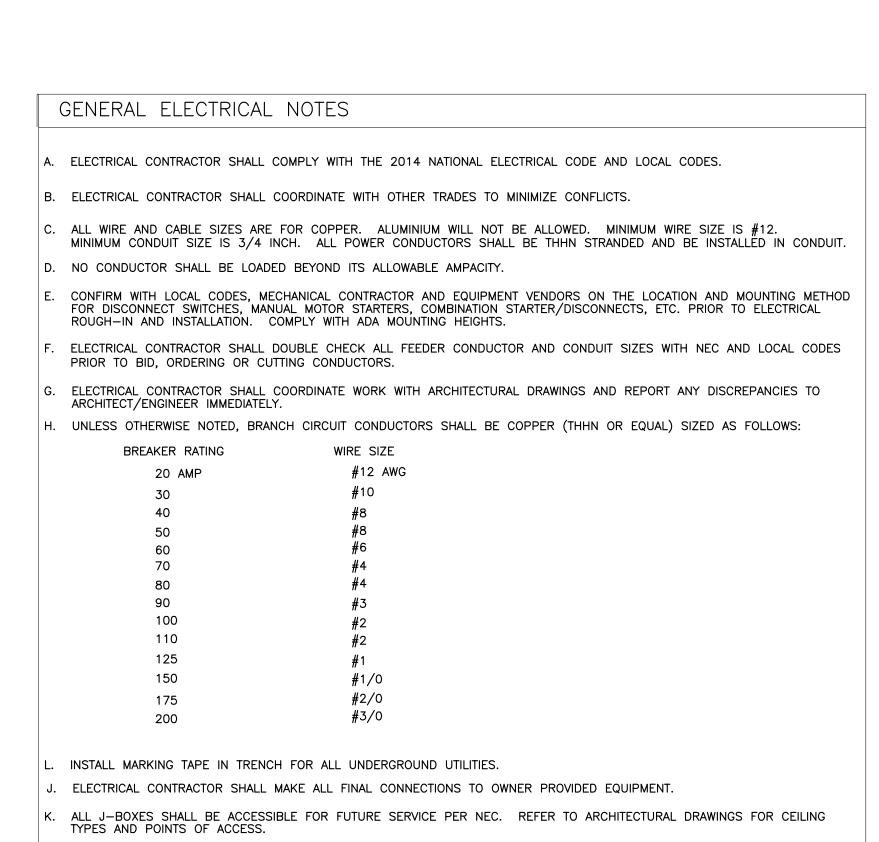
3/4" = 1'-0" N. PARK DRIVE NEW 8'-0" HIGH GENERATOR FENCE ENCLOSURE FOR N. PARK DRIVE EQUIP. SCREENING EXISTING PROPERTY LINE EXISTING 10'-0" WIDE DEMO/REMOVE EXISTING LP TANK, CONCRETE SEWER EASEMENT -FOUNDATION, SIDEWALK SECTION & PIPE COLUMNS EXISTING CONCRETE ALL EXISTING TREES & LANDSCAPING SHALL REMAIN IN-PLACE FOR N. PARK DRIVE EQUIP. SCREENING -EXISTING DRIVEWAY REFER TO PARTIAL PLAN _2/A0.00 FOR NEW / GENERATOR RELATED WORK EXISTING BUILDING EXISTING 25'-0" WIDE UTILITY EASEMENT EXISTING 30'-0" BUILDING WEST 19 TH. STREET OVERALL SITE PLAN

1" = 30'-0"

PROPERTY LEGAL DESCRIPTION:

PLAT OF LOT 6, TRACT 2, SECTION 5 TRACT 2 OF NORTH CONCHO LAND SUBDIVISION, 1253 W. 19TH. ST., SAN ANGELO, TOM GREEN COUNTY, TEXAS. REF: VOL. 4, PAGE 764 & REF: PARKSIDE GROUP VOL. 834, PAGE 725 D.R. PLAT RECORDS, TOM GREEN COUNTY, TEXAS.

A1.00



EXTERIOR LIGHT FIXTURE SCHEDULE MANUFACTURER CATALOG NUMBER 20W LED 5000° K NFFLD-S-C70-D-UNV-33-BZ-POLE MOUNT LED, BRONZE, WITH TOP & SIDE VISORS: 2760 LUMENS TS2LW-NFFLD-XX 1. SUBSTITUTION OF FIXTURES PERMITTED WITH ENGINEER'S APPROVAL. 2. MOUNT FIXTURE ON ENCLOSURE POLE AT 8'-0" AFG. MISCELLANEOUS SYMBOL SCHEDULE DESCRIPTION DUPLEX RECEPTACLE 20A/120V 18" AFF UON RECEPTACLE MOUNTED ABOVE COUNTERTOP → FOURPLEX RECEPTACLE 20A/120V 18" AFF UON ➡ wP WEATHER-PROOF RECEPTACLE 18" AFF UON ⇔ SP DUPLEX RECEPTACLE W/SURGE SUPPRESSION 20A/125V 18" AFF UON | SINGLE POLE SWITCH 20A, 48" AFF UON \$³ | THREE-WAY SWITCH <u>20A, 48" AFF UON</u> SINGLE POLE KEY OPERATED SWITCH 20A, 48" AFF UON DIMMER SWITCH, 48" AFF UON SWITCH WITH PILOT LIGHT, 48" AFF UON

=	DUPLEX RECEPTACLE, LOWER HALF SWITCHED	
	NOTE: ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS	
	DISTRIBUTION SYMBOL SCHEDULE	
SYMBOL	DESCRIPTION	REMARKS
P	PHOTOCELL	
Ō	DISCONNECT SWITCH, AMP/POLE/NEUTRAL/FUSE/ENCLOSURE	
	POWER AND/OR LIGHTING PANELBOARD, REFER TO PANELBOARD SCHEDULE	
	SWITCHBOARD, REFER TO SWITCHBOARD SCHEDULE OR RISER	
	NOTE: ALL SYMBOLS DO NOT NECESSARILY APPEAR ON THESE DRAWINGS	<u> </u>

⇔ GFI RECEPTACLE WITH GROUND FAULT INTERRUPTER, 18" AFF UON

ALL BRANCH CIRCUITS WITH AN OVERALL LENGTH IN EXCESS OF 75 FEET SHALL BE INCREASED IN WIRE SIZE TO ACCOMMODATE VOLTAGE DROP.

DRAWINGS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN EXACTLY TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND ALL OTHER TRADES TO AVOID SPACING

N. PERMANENTLY CONNECTED EQUIPMENT NOT SUPPLIED WITH ON/OFF UNIT SWITCH TO SERVE AS A DISCONNECTING MEANS SHALL BE SUPPLIED WITH DISCONNECT AS PER N.E.C. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO FURNISH ALL DISCONNECTS.

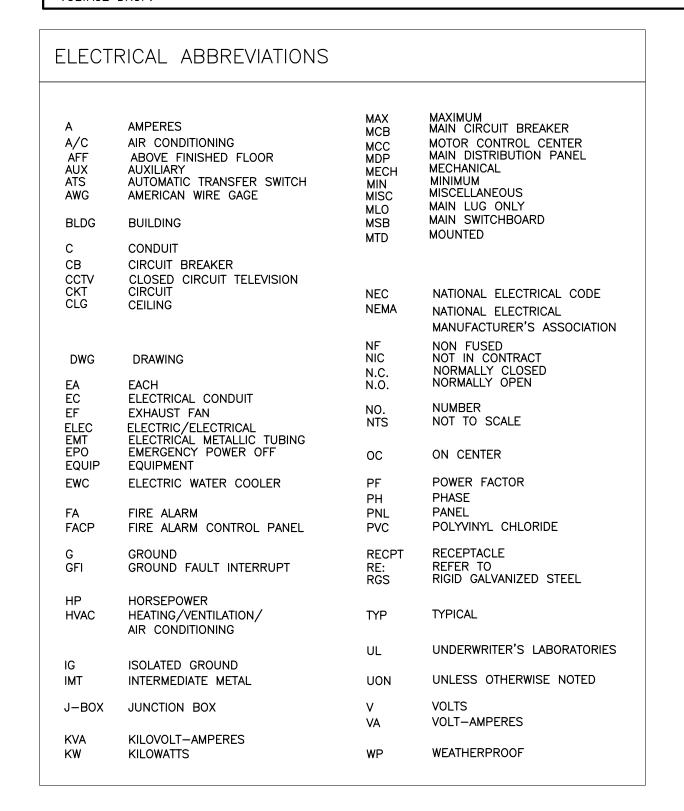
LIGHT FIXTURES SHALL BE OPERATED BY SWITCH LOCATED IN SAME ROOM UNLESS OTHERWISE NOTED.

M. CONDUITS SHALL NOT BE ROUTED EXPOSED IN FINISHED AREAS UNLESS NOTED.

O. PROVIDE GRAY DEVICES WITH STAINLESS STEEL COVERPLATES.

P. SEAL AROUND ALL EXTERIOR WALL PENETRATIONS.

OR ROUTING PROBLEMS.



UTILITY NOTES:

- 1) FOLLOW ALL NATIONAL, STATE AND LOCAL CODES FOR UTILITY INSTALLATION. EXISTING UTILITY LOCATIONS ARE REPRESENTATIVE IN NATURE ONLY. THIS SHEET IS INTENDED TO ILLUSTRATE NEW WORK ONLY.
- 2 REPLACE EXISTING ANNUNCIATOR PANEL WITH NEW REMOTE ANNUNCIATOR TO BE FURNISHED AS AN OPTION WITH NEW GENERATOR BE FURNISHED AS AN OPTION WITH NEW GENERATOR. (3) PULL EXISTING WIRING FOR EXISTING ANNUNCIATOR AND REPULL WITH (2)
- THHN #16 COPPER AND (1) BELDEN #9841 COMMUNICATIONS CABLE. CONNECT NEW CONTROL WIRING TO BÖTH THE GENERATOR CONTROL PANEL AND THE NEW ANNUNCIATOR.
- REPLACE THE EXISTING TRANSFER SWITCH IN ROOM 148 WITH A 230 AMP RATED UNIT EQUAL TO KOHLER KSS-ACTA-0230S. MAKE ALL CONNECTIONS TO INCOMING FEEDERS. LABEL XFER SWITCH #1-22.
- CONTRACTOR SHALL PULL EXISTING POWER FEEDER FROM GENERATOR TO IN EXISTING CONDUIT. THE DESIGN INTENT IS TO REPLACE THE POWER FEEDER TO AVOID SPLICES. LOCATE THE NEW GENERATOR TO REUSE THE EXISTING CONDUIT STUB UPS AT THE GENERATOR PAD. (REFER TO ARCH).
- 6 APPLICABLE CODES: 2015 INTERNATIONAL BUILDING CODE 2014 NATIONAL ELECTRICAL CODE CITY OF SAN ANGELO ORDINANCES 2015 INTERNATIONAL FIRE CODE
- (7) CONTRACTOR IS RESPONSIBLE TO CONTACT DIGTESS BEFORE ANY EXCAVATION OR DITCHING.

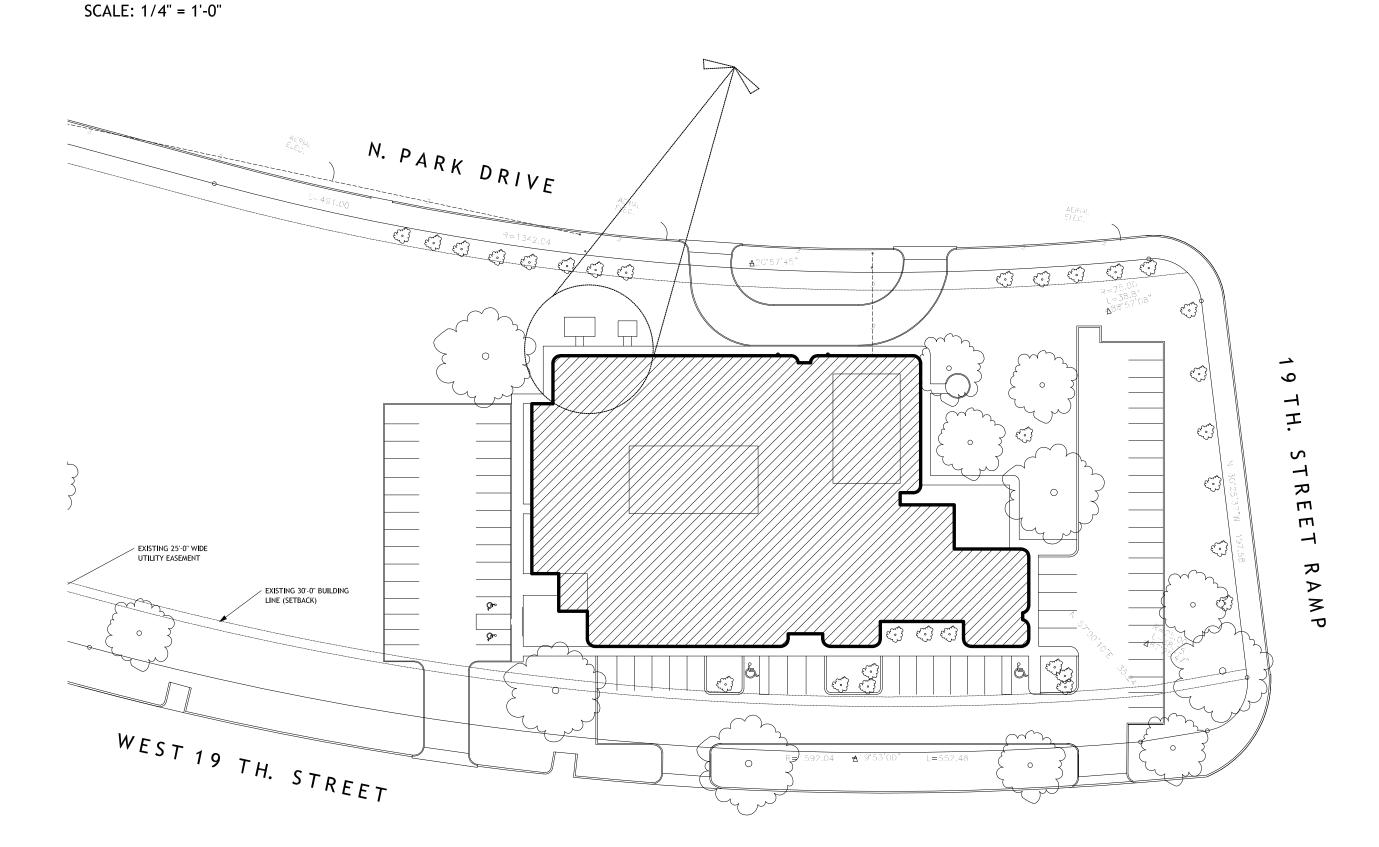
- 8 REPLACE THE EXISTING GENERATOR WITH A NEW GENERATOR EQUAL TO KOHLER MODEL 80REOZJF, 120/208 VOLT 3 PHASE, WITH DIESEL TANK BELOW GENERATOR. REFER TO SPECIFICATIONS FOR ALL OPTIONS TO BE FURNISHED WITH GENERATOR. PROVIDE COMPLETE INSTALLATION AND TESTING. PROVIDE 230 AMP CIRCUIT BREAKER AT GENERATOR. PROVIDE STEEL WEATHER ENCLOSURE EQUAL TO KOHLER 80 MODEL 4XX.
- 9 DIESEL TANK SHALL BE EQUAL TO KOHLER MODEL 80 KW, 348 GALLON ON SKIDS, TO PROVIDE 48 HOUR RUN TIME.
- 10 INSTALL NEW CIRCUITS PM-9 FOR BATTERY CHARGER AND PM-11 FOR BLOCK HEATER FROM EXISTING EMERGENCY PANEL "PM" TO GENERATOR BOTH CIRCUITS SHALL UTILIZE SPARE 20 AMP, 1-POLE BREAKERS. MAINTAIN BRANCH CIRCUIT PG-5 TO CONVENIENCE RECEPTACLE AND LIGHTS AT ENCLOSURE. INSTALL DUPLEX RECEPTACLE INSIDE GENERATOR AS REQUIRED
- $\stackrel{\checkmark}{1}$ MOUNT REMOTE EMERGENCY STOP SWITCH IN LOCKING CABINET ON BLDG. INSTALL KNOX BOX NEXT TO CABINET FOR FIRE DEPT. ACCESS.

(REPLACE) /AUTO/XFÉR/SWITCH **ELECTRICA**I / AMNUNCIATØR EXISTING BUILDING

PM-11 PM-9

GFI,WP,WR.

PARTIAL ELECTRICAL PLAN AT SE CORNER



SITE UTILITY PLAN SCALE: 1" = 50'-0"

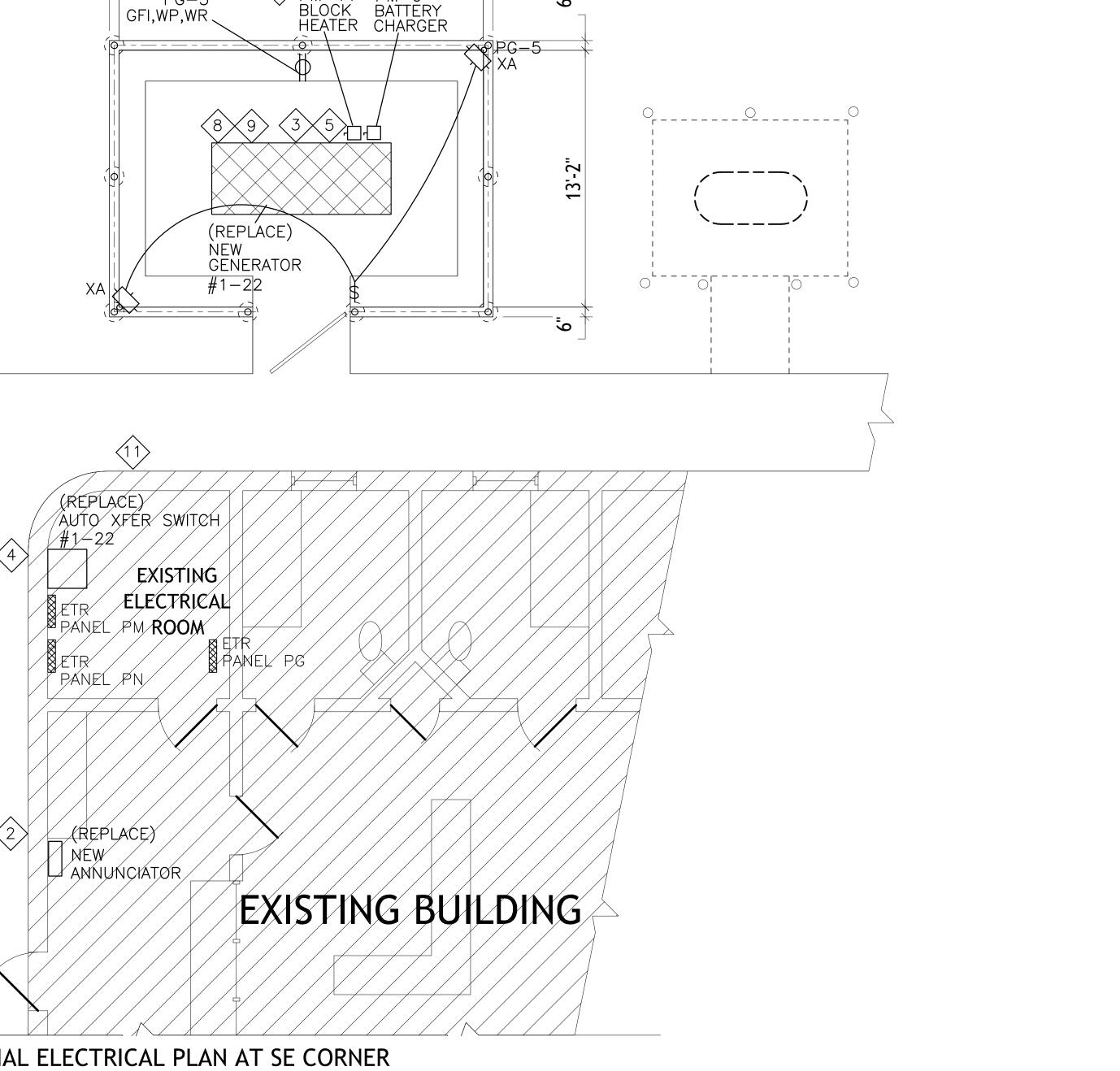
MEP PROJECT #2202 **₽** Power Systems P.O. Box 2863 San Angelo, Texas 76902

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<u>Ordinances</u> THIS DRAWING IS REPRESENTATIVE IN NATURE ONLY. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL STATE, COUNTY, MUNICIPAL AND FEDERAL LAWS AND/OR ORDINANCES GOVERNING THE PROJECT. IF IN ANY INSTANCE THE PLANS AND SPEC-IFICATIONS ARE IN DIRECT CONFLICT WITH SUCH LAWS AND/OR ORDINANCES, THE LAWS AND/OR ORDINANCES SHALL HAVE JURISDICTION.

PLAN NORTH



MARCH 9, 2022

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Drawn By

Project No. 306-15-1121 Date MARCH 9, 2022

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