

EXISTING CONDITIONS:

THESE DRAWINGS WERE PRODUCED WITH INFORMATION PROVIDED BY THE CLIENT. LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. GEOSTRUCTURAL DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINE, EASEMENTS AND SETBACKS.

NOTE:

EVERYTHING SHOWN IS EXISTING UNLESS MARKED PROPOSED

APPROVED



GENERAL DYNAMICS
Information Technology



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REVISIONS

REV	DATE	DESCRIPTION	INT
0	06/29/20	ISSUED FOR CONSTRUCTION	JCM

CHECKED BY: GGD

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SITE INFORMATION:

CORRAL BLUFFS

10093745

GENERATOR INSTALLATION PROJECT

2160 BLANEY ROAD
COLORADO SPRINGS, CO 80929

JURISDICTION USE:

Approved
By: Matthew Fitzsimmons
Date: 09/09/2022
El Paso County Planning & Community Development

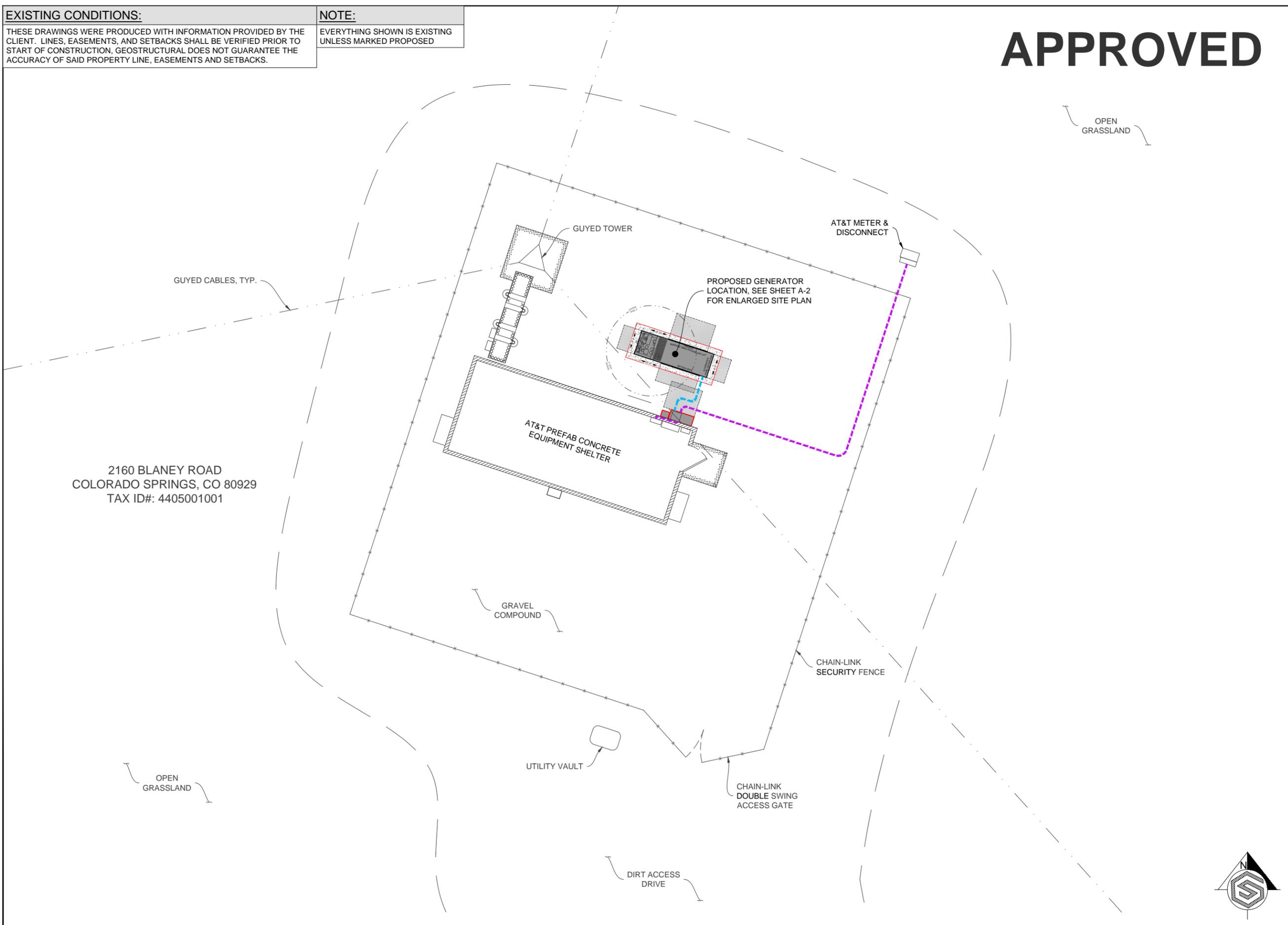


SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

A-1



2160 BLANEY ROAD
COLORADO SPRINGS, CO 80929
TAX ID#: 4405001001



UTILITY NOTE:

THE UTILITIES AS SHOWN ON THIS SET OF DRAWINGS WERE DEVELOPED FROM RECORD INFORMATION. THE INFORMATION PROVIDED IS IMPLIED NOT INTENDED TO BE A COMPLETE INVENTORY OF THE UTILITIES IN THIS AREA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

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SCOPE OF WORK DETAILS:

GENERAL:

- NEW KOHLER DIESEL GENERATOR PROVIDED BY GENERAL DYNAMICS & INSTALLED BY GENERAL CONTRACTOR. SEE SHEETS E-4.0, E-4.1, E-4.2.
- NEW CONCRETE PAD PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE SHEET S-1.
- NEW KOHLER AUTOMATIC TRANSFER SWITCH PROVIDED BY GENERAL DYNAMICS & INSTALLED BY CONTRACTOR. SEE SHEETS S-2, E-5.0, E-5.1.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL RESTORE & REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
- INNER AND OUTER TANK TESTING DOCUMENTATION SHALL BE PROVIDED ONCE TANK IS IN PLACE ON SITE IN ACCORDANCE WITH NFPA 30.
- A CALIBRATION CHART OF PERMANENT AND DURABLE CONSTRUCTION SHALL BE LOCATED AT THE FILL BOX.

CONDUITS:

- INSTALL PULL STRING IN EACH CONDUIT.
- (1) NEW 2" AND (1) NEW 1" ELECTRICAL CONDUIT WITH CONDUCTORS TO BE INSTALLED FROM NEW GENERATOR TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE SHEETS E-1, E-2.
- (2) NEW 1" ELECTRICAL CONDUITS WITH CONDUCTORS TO BE INSTALLED FROM NEW GENERATOR TO AC PANEL. CONDUIT PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE SHEETS E-1, E-2.
- (1) NEW 1" ALARM CONDUIT & CABLING PROVIDED & INSTALLED BY GENERAL CONTRACTOR. SEE SHEETS E-1, E-2.

GROUNDING:

- NEW EXOTHERMIC CONNECTION FROM EXISTING GROUND RING TO NEW MECHANICAL CONNECTION AT GENERATOR CHASSIS. GENERAL CONTRACTOR TO VERIFY LOCATION IN FIELD. LOCATE GROUND RODS NO MORE THAN 8'-0" APART. SEE SHEET E-3.

H-FRAME:

- CONTRACTOR TO PROVIDE NEW H-FRAME FOR ATS INSTALLATION (IF REQUIRED). MATCH EXISTING H-FRAME MATERIAL FOR CONSTRUCTION OF NEW H-FRAME. SEE SHEET S-2.

POWER ROUTING KEYED NOTES:

- (M/D)** EXISTING AT&T METER AND DISCONNECT
- (INT)** INTERCEPT EXISTING CONDUIT AND CONDUCTORS AND RE-ROUTE THROUGH PROPOSED ATS. COORDINATE PATH WITH CONSTRUCTION MANAGER
- (AC)** EXISTING AC LOAD CENTER
- (CON)** PROPOSED AT&T UNDERGROUND GENERATOR CONDUIT ROUTE. CONTRACTOR TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATION. SEE SHEETS E-1, E-2.

SEE SHEET E-1 FOR SINGLE LINE DIAGRAM.

GENERATOR KEYED NOTES:

- (GEN)** PROPOSED AT&T 30KW DIESEL GENERATOR W/ SOUND ATTENUATED ENCLOSURE, NORMAL/EMERGENCY TANK VENTING AND BASE FUEL TANK ON A CONCRETE PAD. SEE SHEETS S-1, S-2, E-3.
- (1)** FUEL FILL SHALL BE PROVIDED WITH SPILL CONTROL, WITH A SOLID FILL CONNECTION, AND WITH OVERFILL PREVENTION
- (2)** FUEL TANK NORMAL AND EMERGENCY VENTS SHALL TERMINATE AT LEAST 12'-0" ABOVE THE ADJACENT GRADE. SEE SHEET S-2.
- (3)** NFPA 704 PLACARD AND OTHER SIGNAGE. SEE SHEET E-4.2.

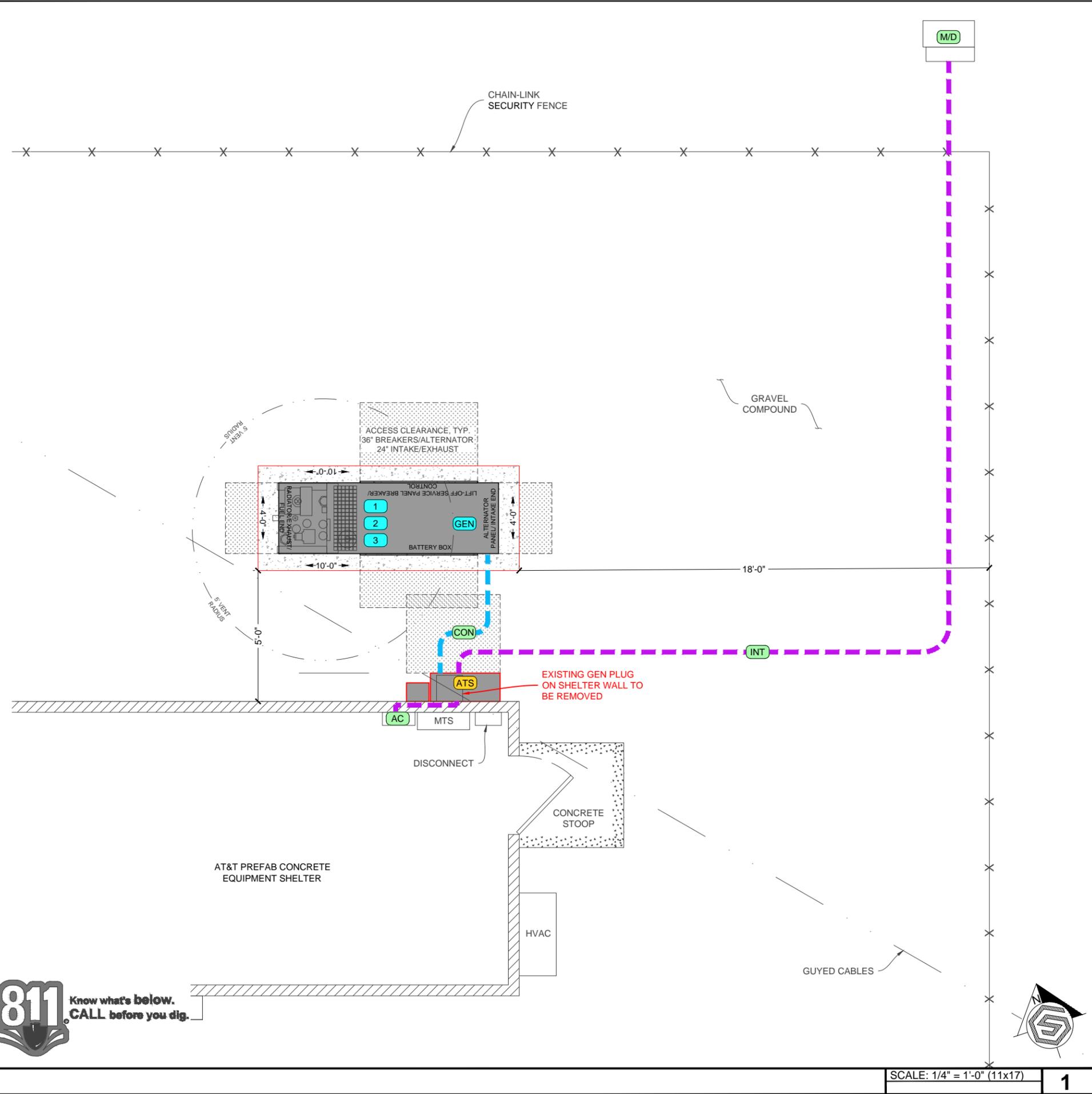
ATS / EQUIPMENT KEYED NOTES:

- (ATS)** PROPOSED ATS W/ CAMLOCK MOUNTED ON SHELTER WALL WITH 36" FRONT CLEARANCE. SEE SHEET S-2.

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ENLARGED SITE PLAN



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SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
A-2

SCALE: 1/4" = 1'-0" (11x17) **1**