

**PROJECT DESCRIPTION**

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

**MONOPOLE WORK:**

- REMOVE (12) RR-S
- REMOVE (9) ANTENNAS
- RELOCATE (3) ANTENNAS
- INSTALL (3) ANTENNAS
- INSTALL (12) RR-S
- ROTATE MOUNTS 6° COUNTER CLOCKWISE AS NEEDED TO ALLEVIATE SKEW

**GROUND WORK:**

- INSTALL (1) GENERIC BBU
- INSTALL (1) PP RETROFIT KIT
- INSTALL (2) RECTIFIERS
- INSTALL (4) BATTERIES
- INSTALL (10) CONVERTERS

# SITE NAME: POWERS & STETSON HILL SITE #2023

## SITE NUMBER: COL02023

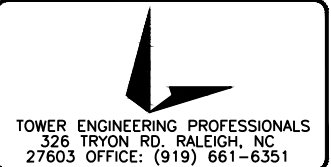


### NOKIA MARKETS MODERNIZATION

### IWM NUMBER: WSUTH0041176

### FA #: 10101682

## MONOPOLE



**ENGINEERING**

2021 INTERNATIONAL FIRE CODE  
 2021 INTERNATIONAL BUILDING CODE OR LATEST ADOPTED EDITION  
 2020 NATIONAL ELECTRIC CODE OR LATEST ADOPTED EDITION  
 TIA/EIA-222-H OR LATEST EDITION

**GENERAL NOTES**

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE. NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

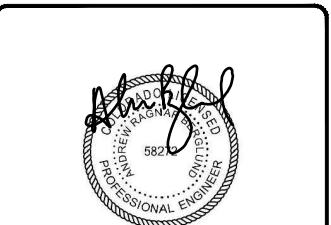
PROJECT#: 340216

DRAWN BY: AVR

CHECKED BY: KOO

RFDS: N/A

| REV | DATE     | DESCRIPTION             |
|-----|----------|-------------------------|
| 0   | 07/30/24 | ISSUED FOR CONSTRUCTION |
| A   | 07/02/24 | ISSUED FOR REVIEW       |



July 30, 2024

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**POWERS & STETSON HILL SITE #2023**  
**COL02023**  
 6135 TEMPLETON GAP RD  
 COLORADO SPRINGS, CO 80918  
 NOKIA MARKETS MODERNIZATION

SHEET TITLE  
**TITLE SHEET**

SHEET NUMBER  
**T-1**

**SITE INFORMATION**

PROPERTY OWNER: STEVENS SKYE M RESIDUARY TRUST  
 ADDRESS: 15 CIMARRON ST COLORADO SPRINGS, CO 80903  
 SITE ADDRESS: 6135 TEMPLETON GAP RD COLORADO SPRINGS, CO 80918  
 FA: 10101682  
 MONOPOLE OWNER: CROWN CASTLE  
 COUNTY: EL PASO  
 LATITUDE (NAD83): 38° 55' 01.9" N  
 LONGITUDE (NAD83): 104° 43' 12.1" W  
 GROUND ELEVATION: 6,811' AMSL  
 ZONING JURISDICTION: COUNTY OF EL PASO  
 ZONING DISTRICT: RR-5  
 PARCEL NUMBER: 6313000045  
 OCCUPANCY GROUP: U  
 CONSTRUCTION TYPE: V-B  
 SITE ACQUISITION MANAGER: KRISTINE PAULSON (952) 896-0816  
 CONSTRUCTION MANAGER: JOHN RUTKOWITZ (303) 264-0523  
 RF ENGINEER: RON BLEDSOE (913) 458-8114

**VICINITY MAP**



**LOCAL MAP**



NO SCALE

**DRIVING DIRECTIONS**

**DIRECTIONS FROM COS BUSINESS AIRPARK:**

HEAD SOUTH ON AVATION WAY TOWARD AEROPAZA DR. TURN RIGHT ONTO AEROPAZA DR. TURN RIGHT TOWARD US-24 E. MERGE WITH US-24 E. CONTINUE ONTO CO-21 N. USE THE 2ND FROM THE LEFT LANE TO TURN LEFT ONTO STETSON HILLS BLVD. TURN RIGHT ONTO AUSTIN BLUFFS PKWY. TURN RIGHT ONTO TEMPLETON GAP RD. TURN RIGHT ONTO LOUIS LN. TURN LEFT.

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

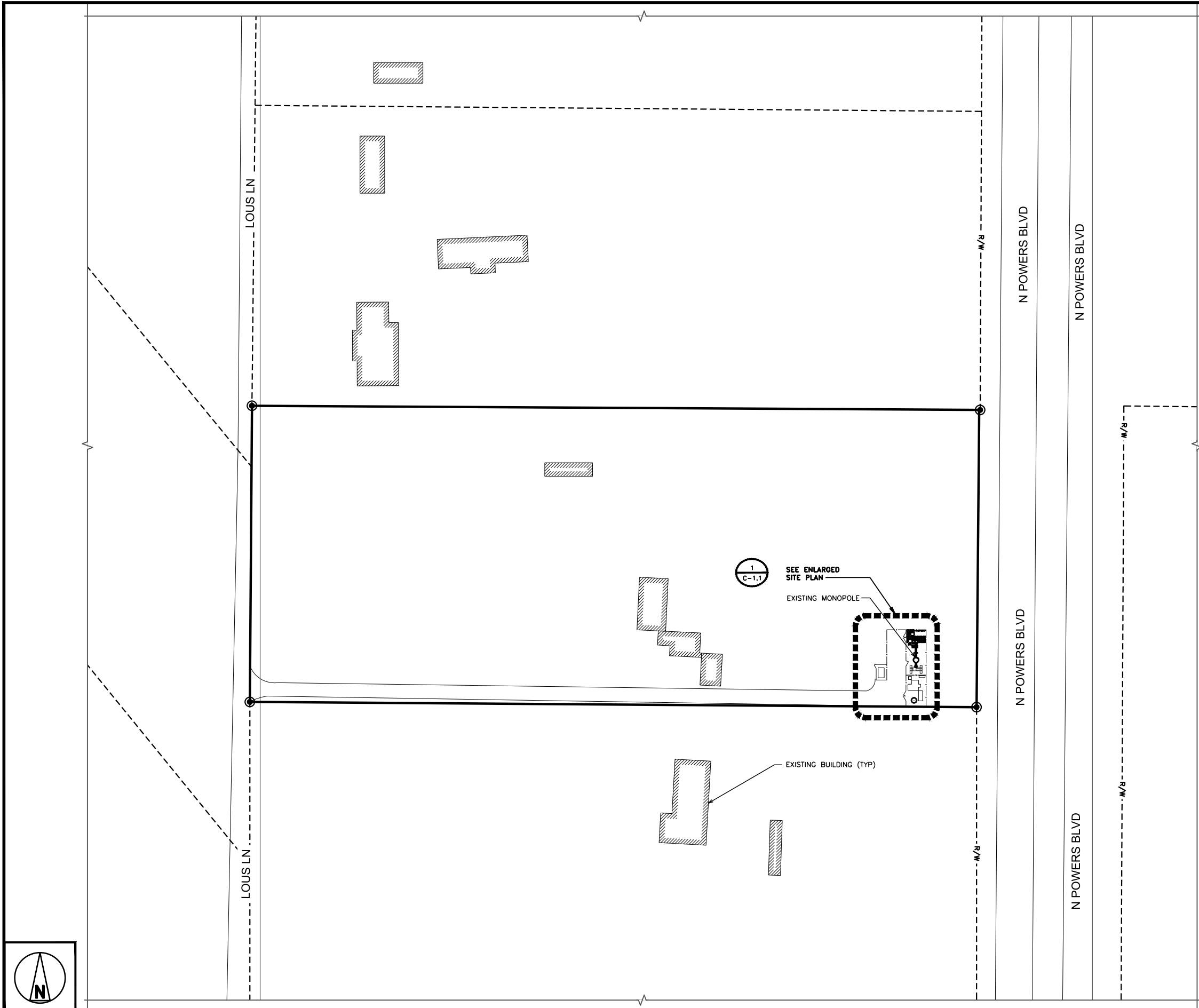


**UNDERGROUND SERVICE ALERT**  
 UTILITY NOTIFICATION CENTER OF COLORADO  
 (800) 922-1987  
 WWW.UNCC.ORG

3 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

**CONTACT INFORMATION**

ENGINEER: BLACK & VEATCH CORPORATION  
 4600 SOUTH SYRACUSE STREET, SUITE 800  
 DENVER, CO 80237  
 CONTACT: DAN GRUMAN  
 PHONE: (913) 458-6112



**NOTES**

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. ANTENNAS AND MOUNTS OMITTED FOR CLARITY.
3. SITE PLAN DISCLAIMER: THE EXISTING INFORMATION SHOWN IN THESE PLANS HAVE BEEN BASED ON EXISTING SITE INFORMATION PROVIDED BY OTHERS. TEP HAS NOT COMPLETED A SITE SURVEY AND THEREFORE MAKES NO CLAIMS AS TO THE ACCURACY OF INFORMATION DEPICTED ON THIS SHEET.

188 INVERNESS DRIVE WEST  
SUITE 400  
ENGLEWOOD, CO 80112

4600 SOUTH SYRACUSE STREET  
SUITE 800  
DENVER, COLORADO 80237

326 TRYON RD. RALEIGH, NC  
27603 OFFICE: (919) 661-6351

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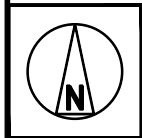
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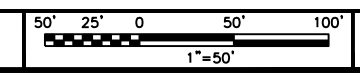
**POWERS & STETSON**  
HILL SITE #2023  
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NOKIA MARKETS MODERNIZATION

SHEET TITLE  
**SITE PLAN**

SHEET NUMBER  
**C-1**

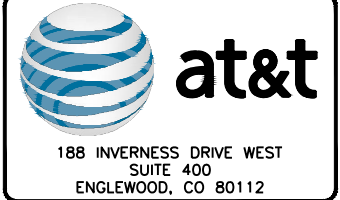


**SITE PLAN**



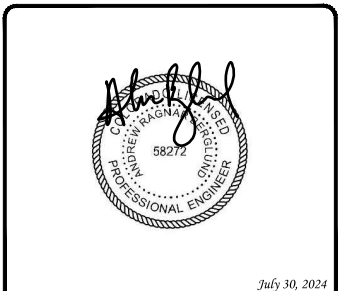
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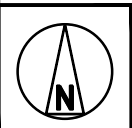
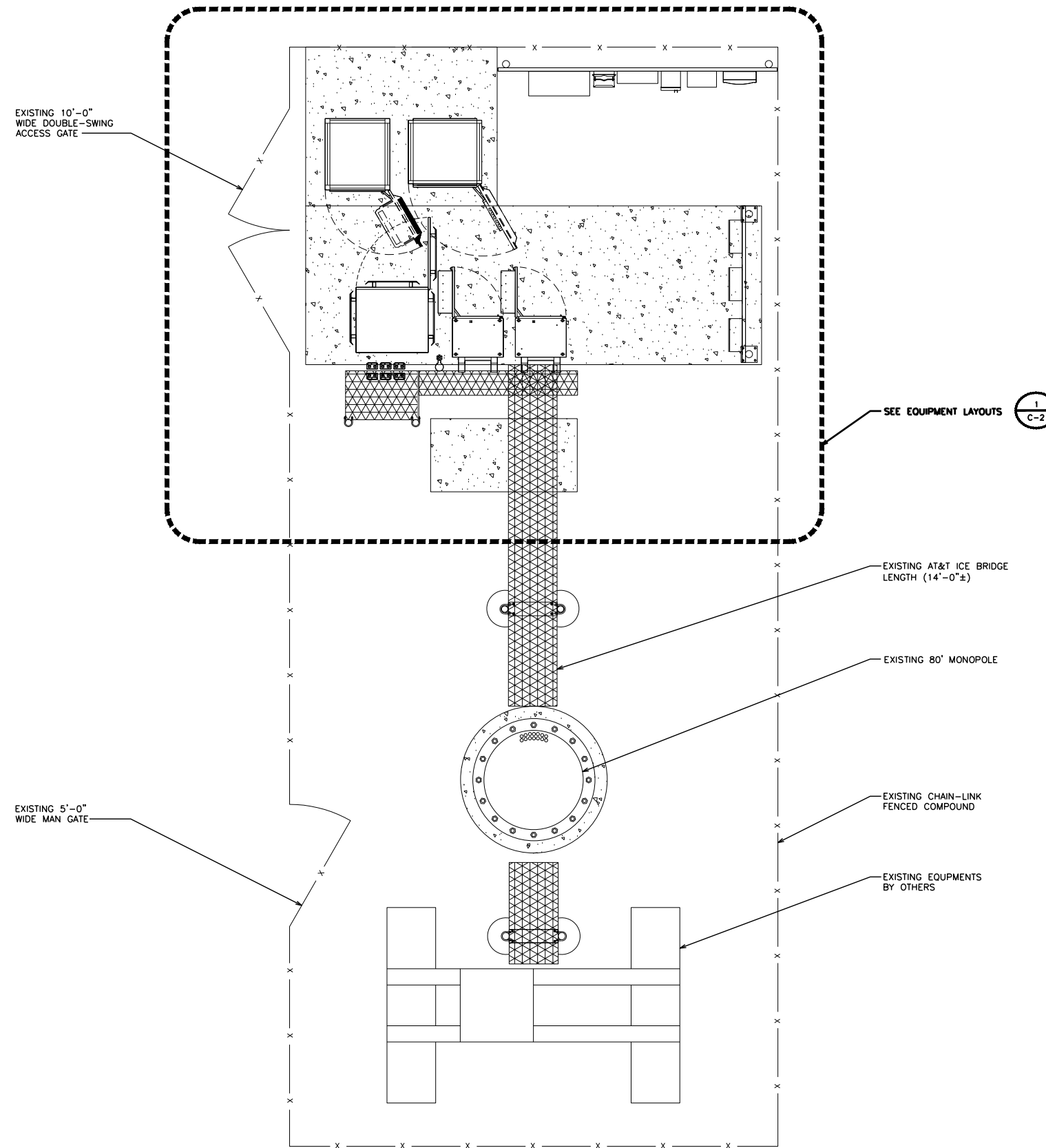


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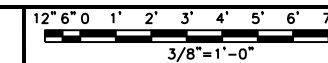
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SHEET TITLE  
**ENLARGED SITE PLAN**

SHEET NUMBER  
**C-1.1**



**ENLARGED SITE PLAN**



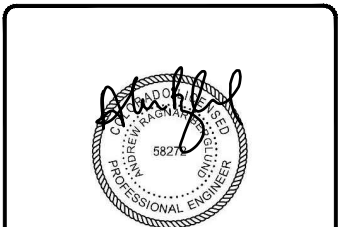
**NOTES**

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. IFC 1207 & IMC 502.4 CODE ANALYSIS & BATTERY COMPLIANCE INFORMATION SHOWN ON SHEET GN-7.
3. THERE WILL BE A TOTAL OF 49.4 GALLONS OF ELECTROLYTE WITH THE 20 PROPOSED LEAD-ACID BATTERIES THAT ARE BEING ADDED.
4. TOTAL ELECTROLYTE IS 49.4 GAL. WHICH IS LESS THAN 50 GAL. REQUIRED TO MEET IFC COMPLIANCE STANDARD.
5. TEP DID NOT PERFORM ANY HVAC ANALYSIS.



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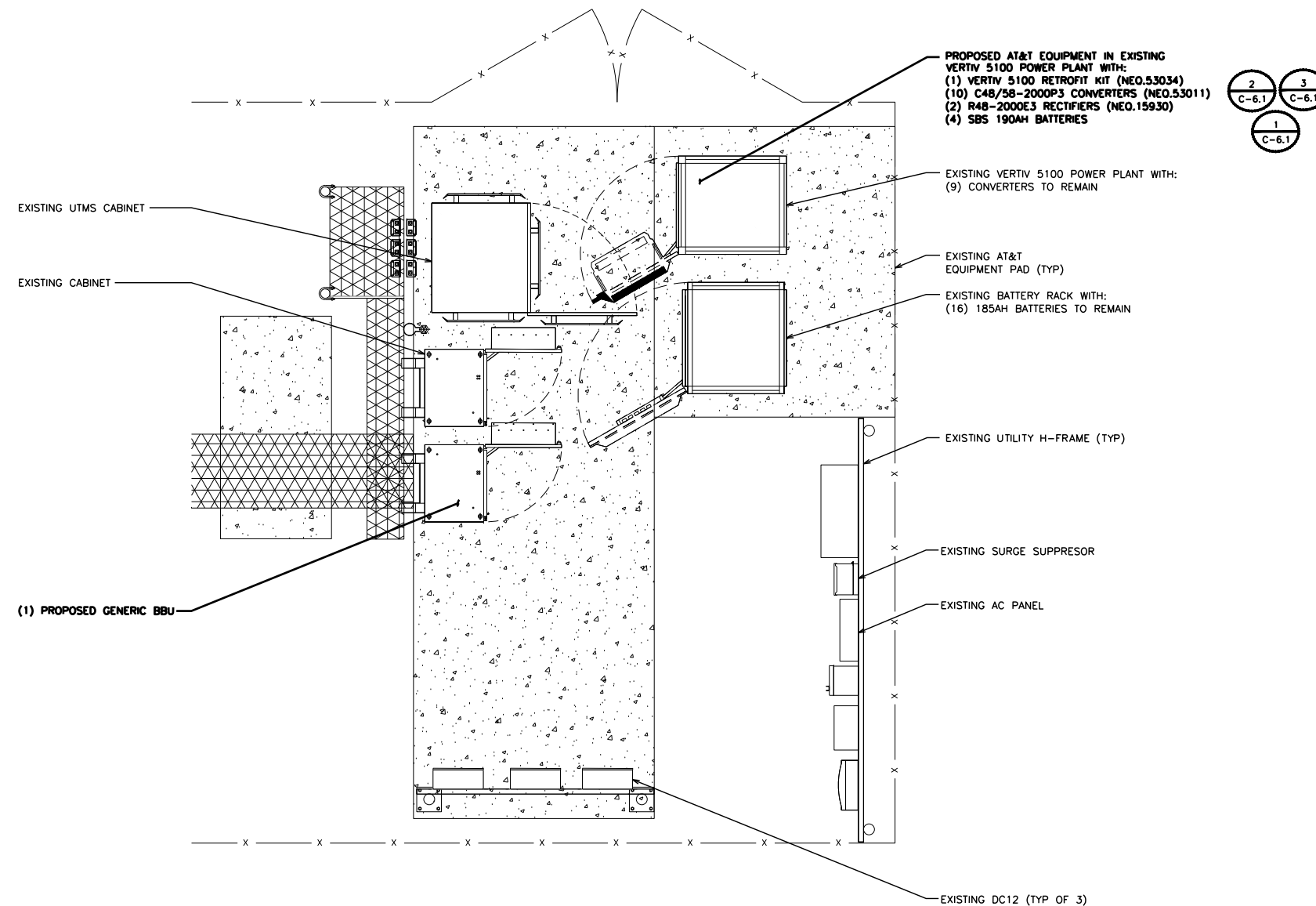
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SHEET TITLE  
**EQUIPMENT LAYOUTS**

SHEET NUMBER  
**C-2**



**FINAL EQUIPMENT LAYOUT**

