

Know what's below.
Call before you dig.

T-MOBILE NORTHEAST LLC
SITE NUMBER: 7WDC468B

SITE NAME: WASHINGTON NATIONALS YOUTH BASEBALL ACADEMY
T-MOBILE NSD CMP2 INSTALLATION, DESIGN 4SEC-67D69DB

3675 ELY PLACE, SE
WASHINGTON, DC 20019
DISTRICT OF COLUMBIA

NOTE TO GENERAL CONTRACTOR

NO WORK IS TO BE PERFORMED ON THIS SITE WITHOUT REVIEW OF THE APPROVED STRUCTURAL ANALYSIS. IF ANY DISCREPANCIES ARE FOUND THE GENERAL CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING. AT NO TIME WILL ANY ADDITIONAL ANTENNAS BE INSTALLED WITHOUT WRITTEN CONSENT FROM TOWER ENGINEER.

SITE INFORMATION

SCOPE OF WORK: (8) PROPOSED ANTENNAS
(4) PROPOSED RRUS
(4) PROPOSED 6X12 HYBRID CABLES
(1) PROPOSED LMR-400 COAX CABLE
(1) PROPOSED MICROWAVE DISH
(4) PROPOSED ANTENNA SECTOR FRAMES
(1) PROPOSED CONCRETE PAD
(1) PROPOSED METER
(1) PROPOSED AUTOMATIC TRANSFER SWITCH
(1) PROPOSED GENERATOR
(1) PROPOSED DISCONNECT
(1) PROPOSED 6102 EQUIPMENT CABINET
(1) PROPOSED PPC CABINET
(1) PROPOSED LIGHT POLE (BY OTHERS)
(8) PROPOSED GROUND BARS

PROJECT DESIGN: T-MOBILE NEW CONSTRUCTION
4SEC-67D69DB (AS IDENTIFIED ON RFDS)

SITE ID NUMBER: 7WDC468B

911 SITE ADDRESS: 3675 ELY PLACE, SE
WASHINGTON, DC 20019

LATITUDE: 38° 52' 58.98" (NAD83)
LONGITUDE: -76° 57' 14.62" (NAD83)

JURISDICTION: DISTRICT OF COLUMBIA
ZONING: RA1 - COMMERCIAL

TAX ACCOUNT NUMBER: 5438-0000-0801
PARCEL AREA: 8.72± ACRES
PARCEL OWNER: UNITED STATES OF AMERICA
ADDRESS: 51 N STREET NE,
WASHINGTON DC 20002

GROUND ELEVATION: 108± (AMSL)

STRUCTURE TYPE: LIGHT POLE

STRUCTURE HEIGHT: 71'-6" (AGL) (TOP OF STADIUM LIGHT MOUNTING)
81'-6" (AGL) (TOP OF PROPOSED LIGHT POLE)
85'-0" (AGL) (TOP OF T-MOBILE ANTENNAS)

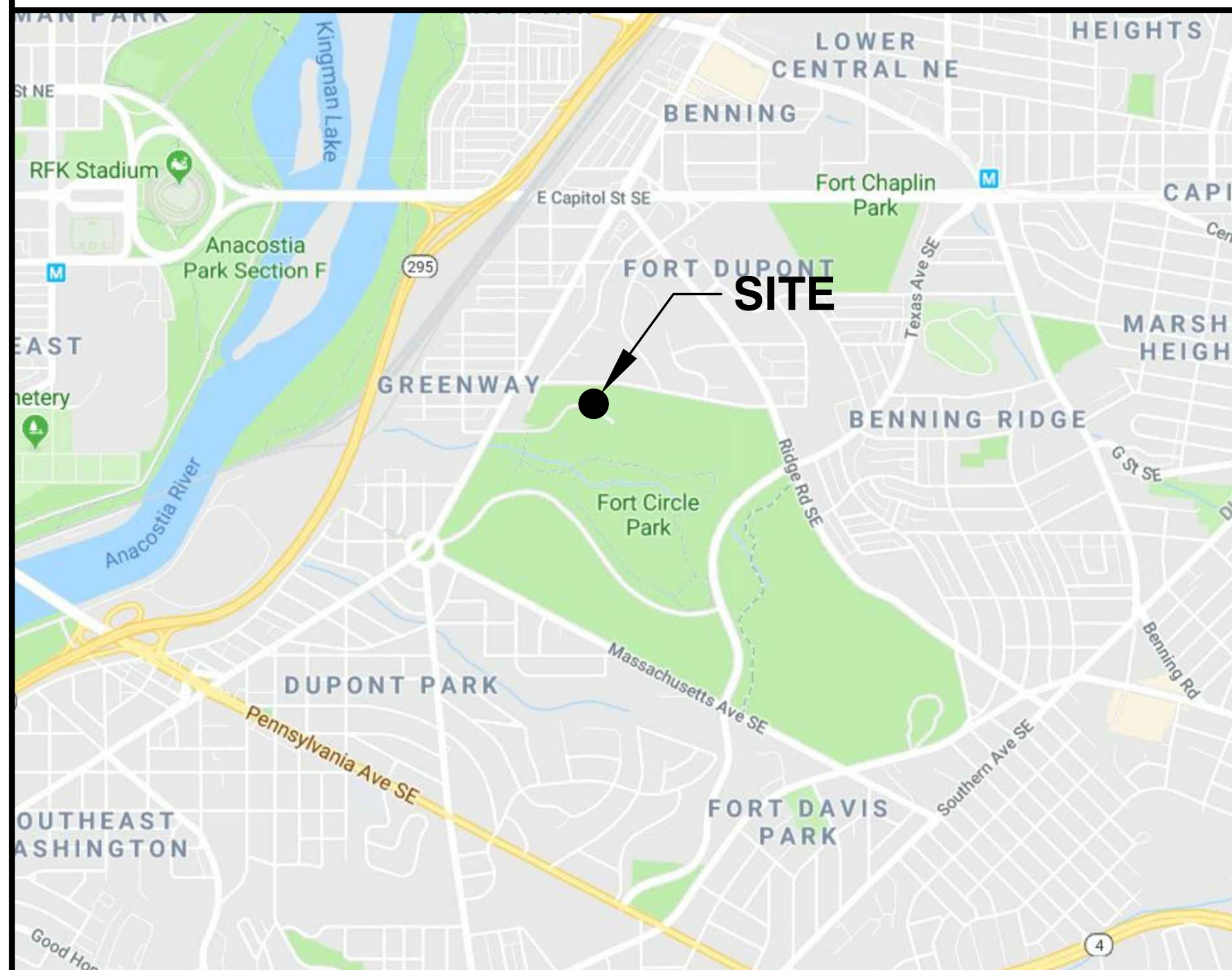
PROJECT TEAM

APPLICANT: T-MOBILE NORTHEAST LLC
12050 BALTIMORE AVENUE
BELTSVILLE, MD 20705
OFFICE: (240) 264-8600
FAX: (240) 264-8610

PROJECT MANAGEMENT FIRM: NETWORK BUILDING + CONSULTING, LLC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

ENGINEERING FIRM: NETWORK BUILDING + CONSULTING, LLC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

VICINITY MAP



DIRECTIONS

12050 BALTIMORE AVENUE, BELTSVILLE, MD 20705. HEAD SOUTHEAST TOWARD US-1 S/BALTIMORE AVE. TURN RIGHT ONTO US-1 S/BALTIMORE AVE. TURN LEFT ONTO POWDER MILL RD. TURN RIGHT ONTO MD-201 S. MD-201 S TURNS SLIGHTLY LEFT AND BECOMES MD-201. CONTINUE ONTO STATE HWY 295. TAKE THE PENNSYLVANIA AVENUE E EXIT. MERGE ONTO PENNSYLVANIA AVE SE. USE THE LEFT 2 LANES TO TURN LEFT ONTO MINNESOTA AVE SE. TURN RIGHT. RESTRICTED USAGE ROAD. DESTINATION WILL BE ON THE LEFT.

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.

- 2013 DISTRICT OF COLUMBIA BUILDING CODE
- 2011 NATIONAL ELECTRICAL CODE
- 2015 NFPA 101, LIFE SAFETY CODE
- 2012 DISTRICT OF COLUMBIA FIRE CODE
- AMERICAN CONCRETE INSTITUTE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- MANUAL OF STEEL CONSTRUCTION 13TH EDITION
- ANSI/TIA-222-G
- TIA 607
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- TELECORDIA GR-1275
- ANSI/T 311

DRAWING INDEX

T-1	TITLE SHEET
SP-1	SITE PLAN
C-1	COMPOUND PLAN
C-2	ELEVATION
A-1	ANTENNA PLAN

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE DESIGNER / ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICE TO PREVENT STORM WATER POLLUTION DURING CONSTRUCTION.

STRUCTURAL PLANS CERTIFIED AS PROVIDED IN SECTION 106.1.4.1 OF THE D.C. CONSTRUCTION CODES.

APPROVAL BLOCK

	DATE	APPROVED	APPROVED AS NOTED	DISAPPROVED/REVISE
PROPERTY OWNER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SITE ACQUISITION		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION MANAGER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONING		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RF ENGINEER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DC APPROVAL

APPLICANT

ENGINEER

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP & ENGINEER

SHEET TITLE

SHEET NUMBER

T-Mobile
T-MOBILE NORTHEAST LLC
12050 BALTIMORE AVENUE
BELTSVILLE, MD 20705
OFFICE: (240) 264-8600
FAX: (240) 264-8610

NB+C
TOTALLY COMMITTED.
NB+C ENGINEERING SERVICES, LLC.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

7WDC468B
WASHINGTON NATIONALS
YOUTH BASEBALL ACADEMY
3675 ELY PLACE, SE
WASHINGTON, DC 20019
DISTRICT OF COLUMBIA

REVISIONS

REV	DATE	DESCRIPTION	BY
2	04/23/19	REVISED PER COMMENTS	JTB
1	02/28/19	REVISED PER COMMENTS	JNW
0	10/10/18	ZONING DRAWINGS	JNW

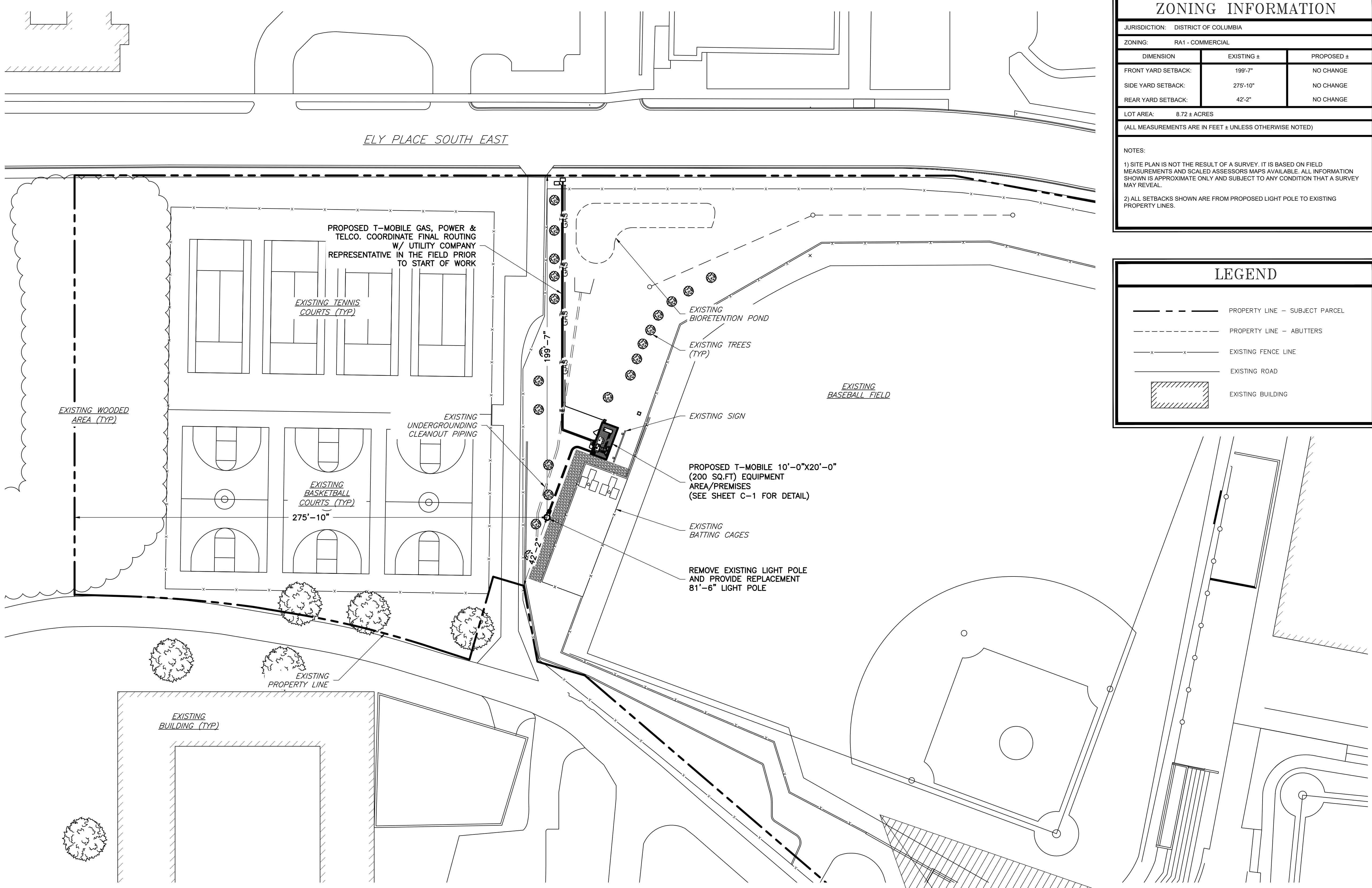
STRUCTURAL PLANS CERTIFIED AS PROVIDED IN SECTION 106.1.4.1 OF THE D.C. CONSTRUCTION CODE

MATTHEW DAVID VARRELMAN, P.E.
DISTRICT OF COLUMBIA (DC)
PROFESSIONAL ENGINEER
LICENSE #PE921588

I AM RESPONSIBLE FOR DETERMINING THAT THE ARCHITECTURAL DESIGN INCLUDED IN THIS APPLICATION IS IN COMPLIANCE WITH ALL LAWS AND REGULATIONS OF THE DISTRICT OF COLUMBIA. I HAVE PERSONALLY PREPARED, OR DIRECTLY SUPERVISED THE DEVELOPMENT OF THE ENGINEERING DESIGNS INCLUDED IN THIS APPLICATION.

TITLE SHEET

T-1



ZONING INFORMATION		
JURISDICTION: DISTRICT OF COLUMBIA		
ZONING: RA1 - COMMERCIAL		
DIMENSION	EXISTING ±	PROPOSED ±
FRONT YARD SETBACK:	199'-7"	NO CHANGE
SIDE YARD SETBACK:	275'-10"	NO CHANGE
REAR YARD SETBACK:	42'-2"	NO CHANGE
LOT AREA: 8.72 ± ACRES		
(ALL MEASUREMENTS ARE IN FEET ± UNLESS OTHERWISE NOTED)		
NOTES:		
1) SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON FIELD MEASUREMENTS AND SCALED ASSESSORS MAPS AVAILABLE. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.		
2) ALL SETBACKS SHOWN ARE FROM PROPOSED LIGHT POLE TO EXISTING PROPERTY LINES.		

LEGEND	
	PROPERTY LINE - SUBJECT PARCEL
	PROPERTY LINE - ABUTTERS
	EXISTING FENCE LINE
	EXISTING ROAD
	EXISTING BUILDING

DC APPROVAL

APPLICANT
T-Mobile
 T-MOBILE NORTHEAST LLC
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 BELTSVILLE, MD 20705
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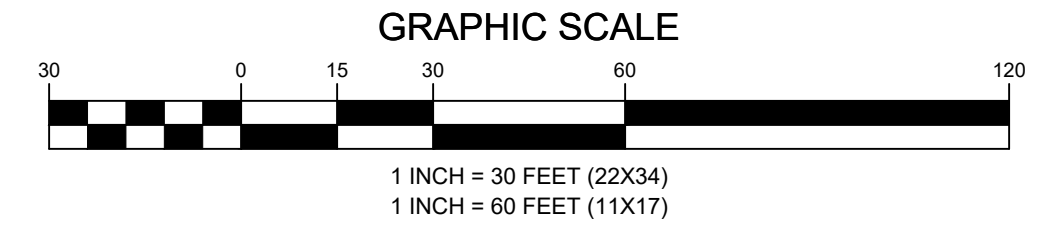
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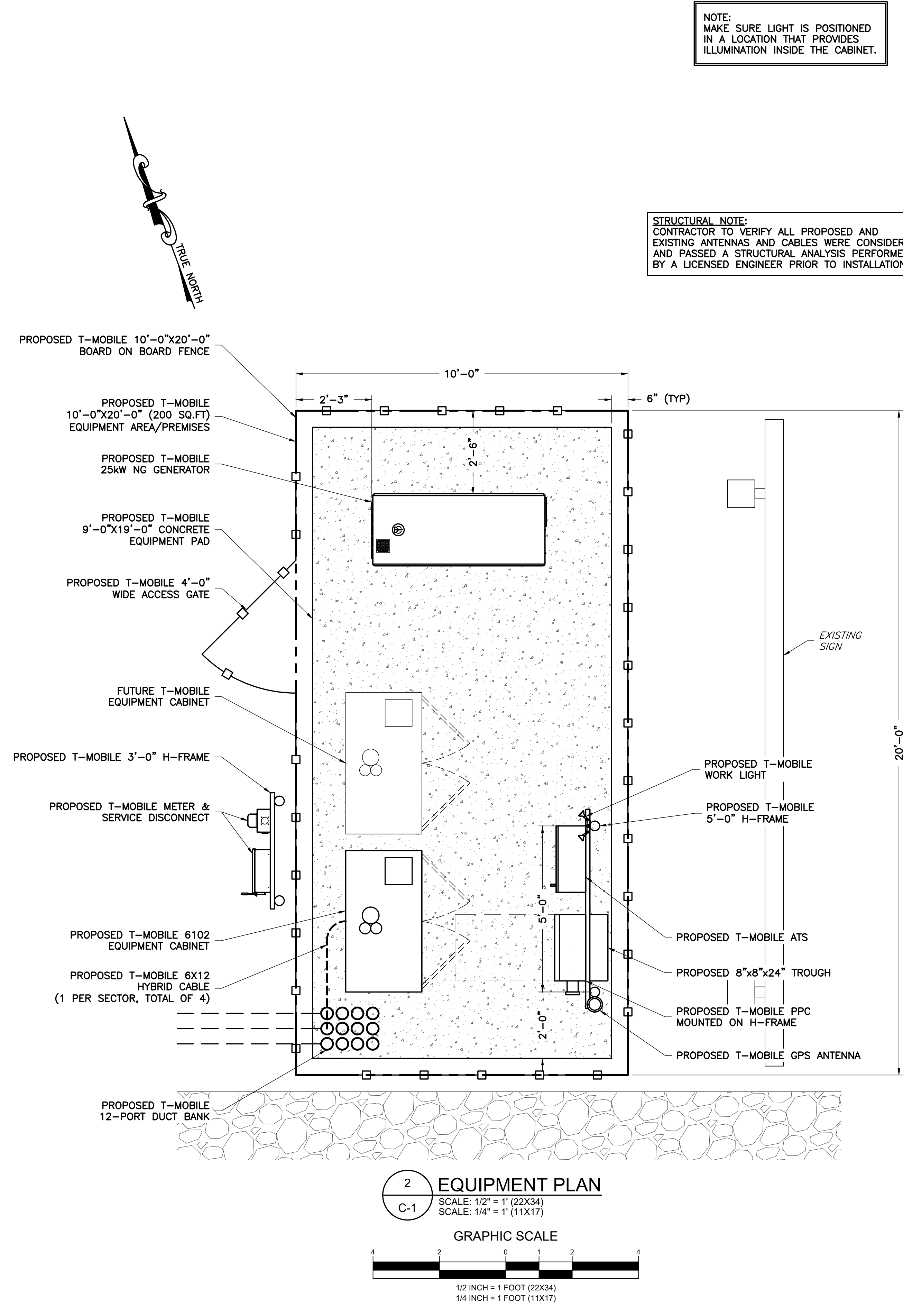
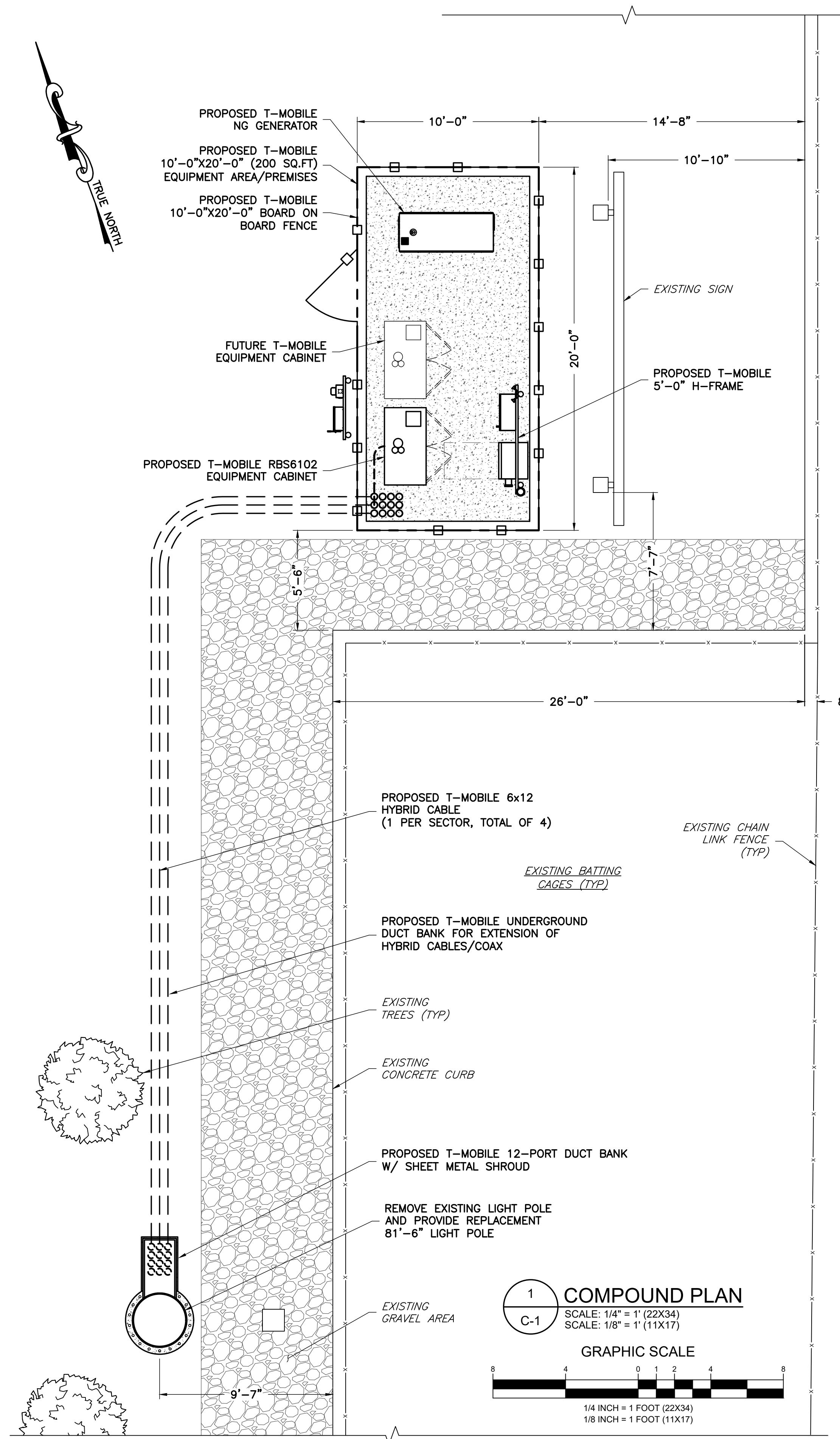
SHEET TITLE
SITE PLAN

SHEET NUMBER
SP-1

1 SITE PLAN
 SP-1
 SCALE: 1" = 30' (22X34)
 SCALE: 1" = 60' (11X17)



UNITED STATES OF AMERICA
 51 N STREET NE,
 WASHINGTON DC 20002
 TAX ACCOUNT #: 5438-0000-0801
 ZONING: RA1 - COMMERCIAL
 AREA: 8.72 ± ACRES



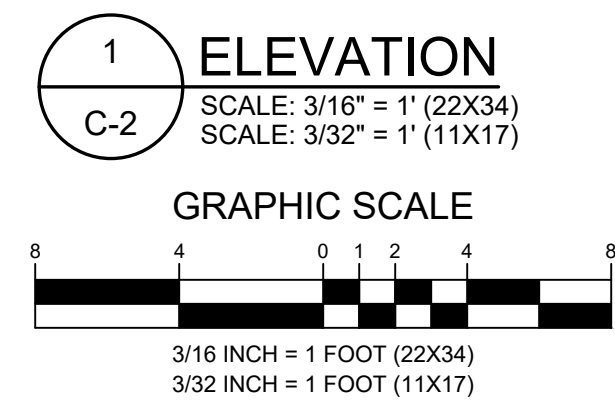
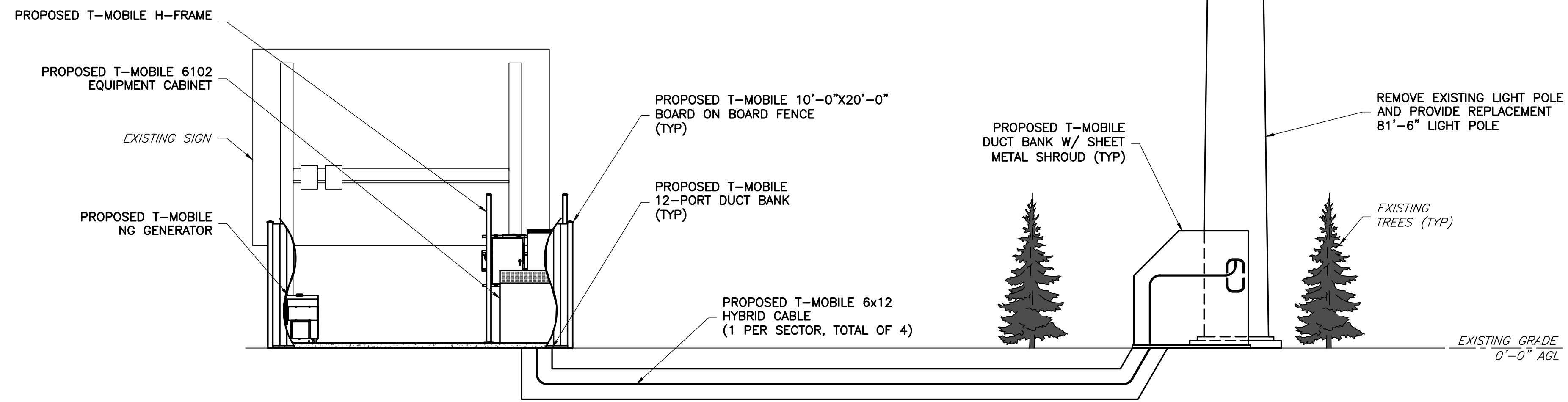
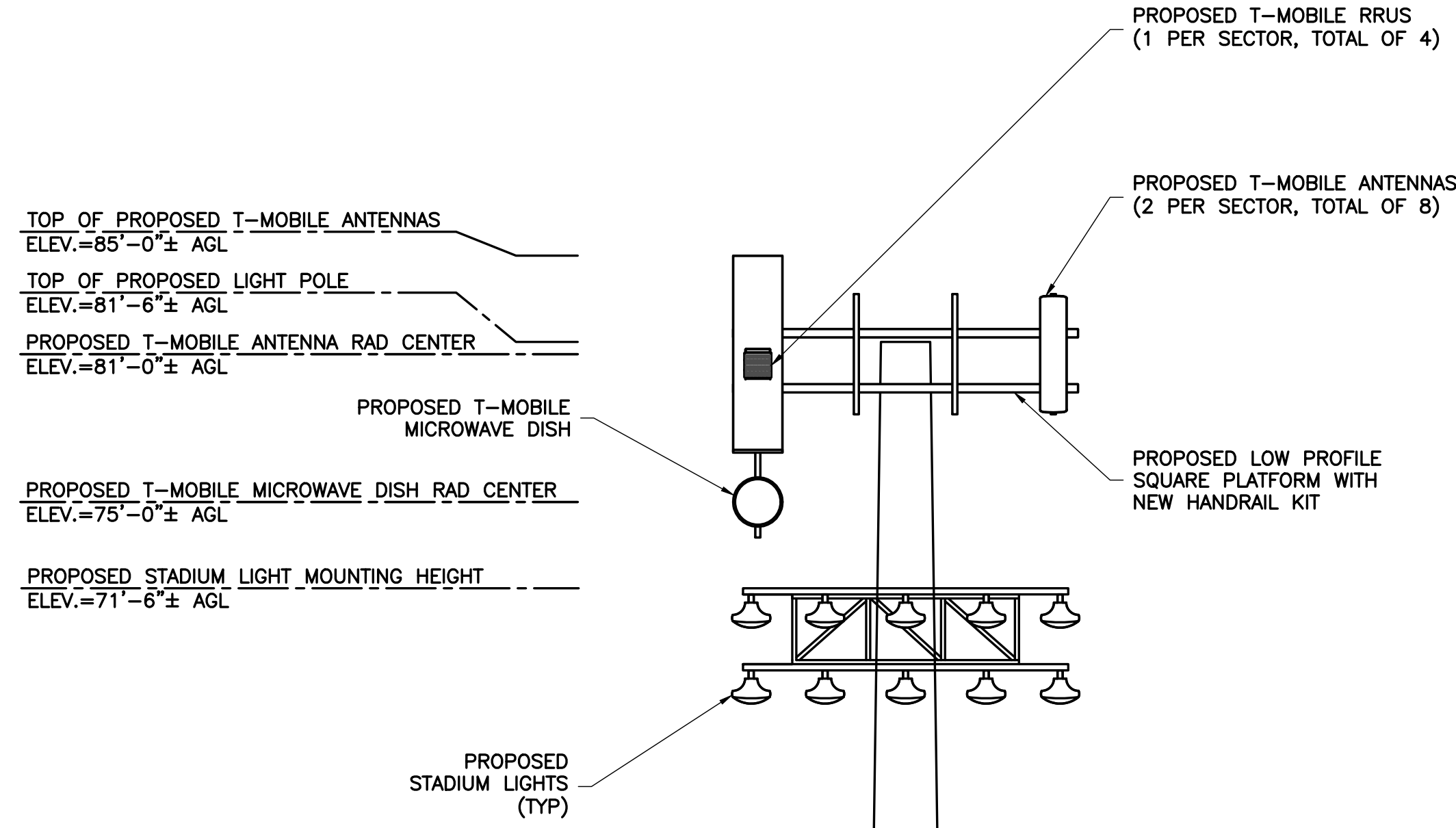
NOTE:
 MAKE SURE LIGHT IS POSITIONED
 IN A LOCATION THAT PROVIDES
 ILLUMINATION INSIDE THE CABINET.

STRUCTURAL NOTE:
 CONTRACTOR TO VERIFY ALL PROPOSED AND
 EXISTING ANTENNAS AND CABLES WERE CONSIDERED
 AND PASSED A STRUCTURAL ANALYSIS PERFORMED
 BY A LICENSED ENGINEER PRIOR TO INSTALLATION.

DC APPROVAL																	
APPLICANT	 T-Mobile T-MOBILE NORTHEAST LLC 12050 BALTIMORE AVENUE BELTSVILLE, MD 20705 OFFICE: (240) 264-8600 FAX: (240) 264-8610																
ENGINEER	 NB+C TOTALLY COMMITTED. NB+C ENGINEERING SERVICES, LLC. 6055 MARSHALEE DRIVE, SUITE 300 ELKRIEGE, MD 21075 (410) 712-7092																
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SHEET TITLE	COMPOUND & EQUIPMENT PLAN																
SHEET NUMBER	C-1																

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DISTRICT OF COLUMBIA
MATTHEW DAVID VARRELMAN
No. PE921588
04/23/19
LICENSED PROFESSIONAL ENGINEER

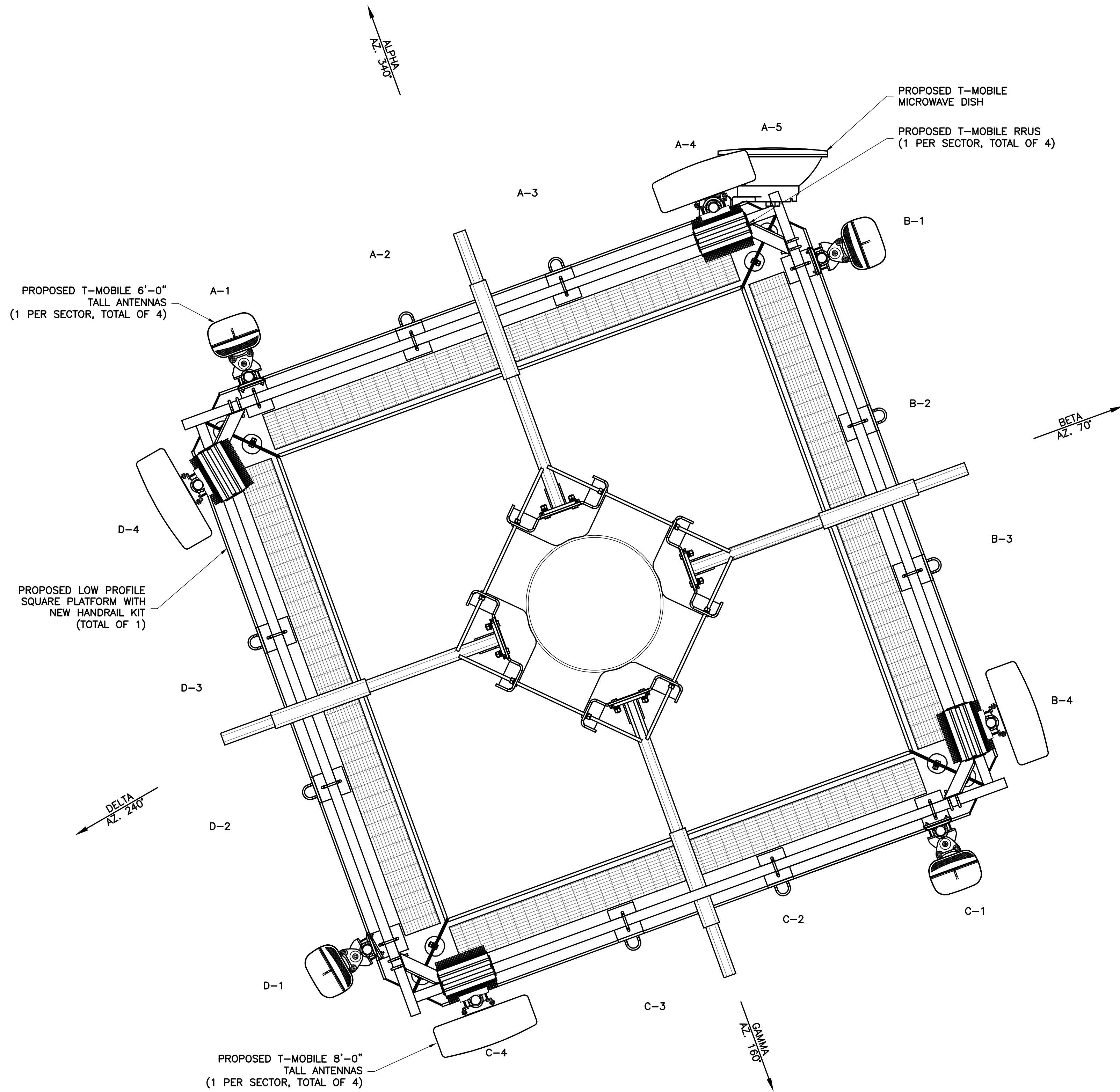
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ELEVATION

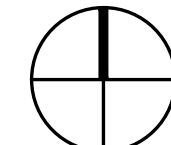
C-2

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1 PROPOSED ANTENNA ORIENTATION PLAN
 A-1 NTS

APPROX
 TRUE NORTH



DC APPROVAL

APPLICANT

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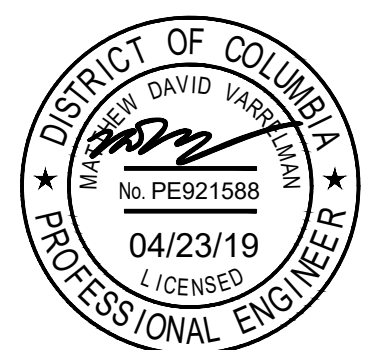
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SHEET TITLE

ANTENNA PLAN

SHEET NUMBER

A-1