



ARCHITECTURAL REVIEW BOARD WORK SESSION AGENDA

Herndon Council Chambers Building
765 Lynn Street, Herndon, VA 20170

(Note: this meeting was not held due to lack of quorum)

Wednesday, September 2, 2026 | 7:30 PM

-
- 1. Call to Order**
 - 2. Public Hearings**
 - a. ARB #26-008, 12801 Worldgate Drive, Alteration to an Existing Structure
 - 3. Comments**
 - a. Comments from the Staff Members
 - b. Comments from the Board Members
 - 4. Adjournment**

Agenda Item: ARB #26-008, 12801 Worldgate Drive, Alteration to an Existing Structure

Meeting Date: September 2, 2026

Category: Public Hearings

Prepared by: Angelina Jones, Lead Planner / Design and Development

Description:

This application proposes the addition of new rooftop equipment and partial screening for the building at 12801 Worldgate Drive. This includes the installation of two (2) equipment cabinets, one (1) AAV cabinet, one (1) PPC, one (1) transformer, one (1) disconnect switch, one (1) sub-meter, one (1) GPS, three (3) work lights, one (1) 8' x 8' equipment platform in a 14' x 14'-3" proposed lease area, three (3) hybrid cables in cable tray, three (3) concealment boxes to house six (6) antennas, and six (6) radios on the rooftop. Please see the attached staff report for additional information.

Background/Timing Impact:

The property at 12801 Worldgate Drive comprises approximately 159,973 square feet of land. The property features a large, cast concrete and masonry unit-clad building at the center of the parcel surrounded by an asphalt-paved parking lot. The property is in the PD-W - Planned development Worldgate zoning district, and it is designed in the International Style. Please see the staff report for a summary of compliance with the Town Code of Ordinances, [Section 58-96 – Design Criteria](#), as well as other additional information.

There is no timing impact applicable to Board consideration of this case.

Fiscal Impact:

N/A

Legal Impact:

N/A

Staff Recommendation/Next Steps:

Staff are withholding a recommendation pending ARB discussion of the analysis found in the attached staff report.

Attachments:

1. Staff Report
2. Materials

STAFF REPORT

Agenda Item: ARB #26-008; Alteration to an Existing Structure; Fairfax County Tax Map 0164 02 0024A, 12801 Worldgate Drive

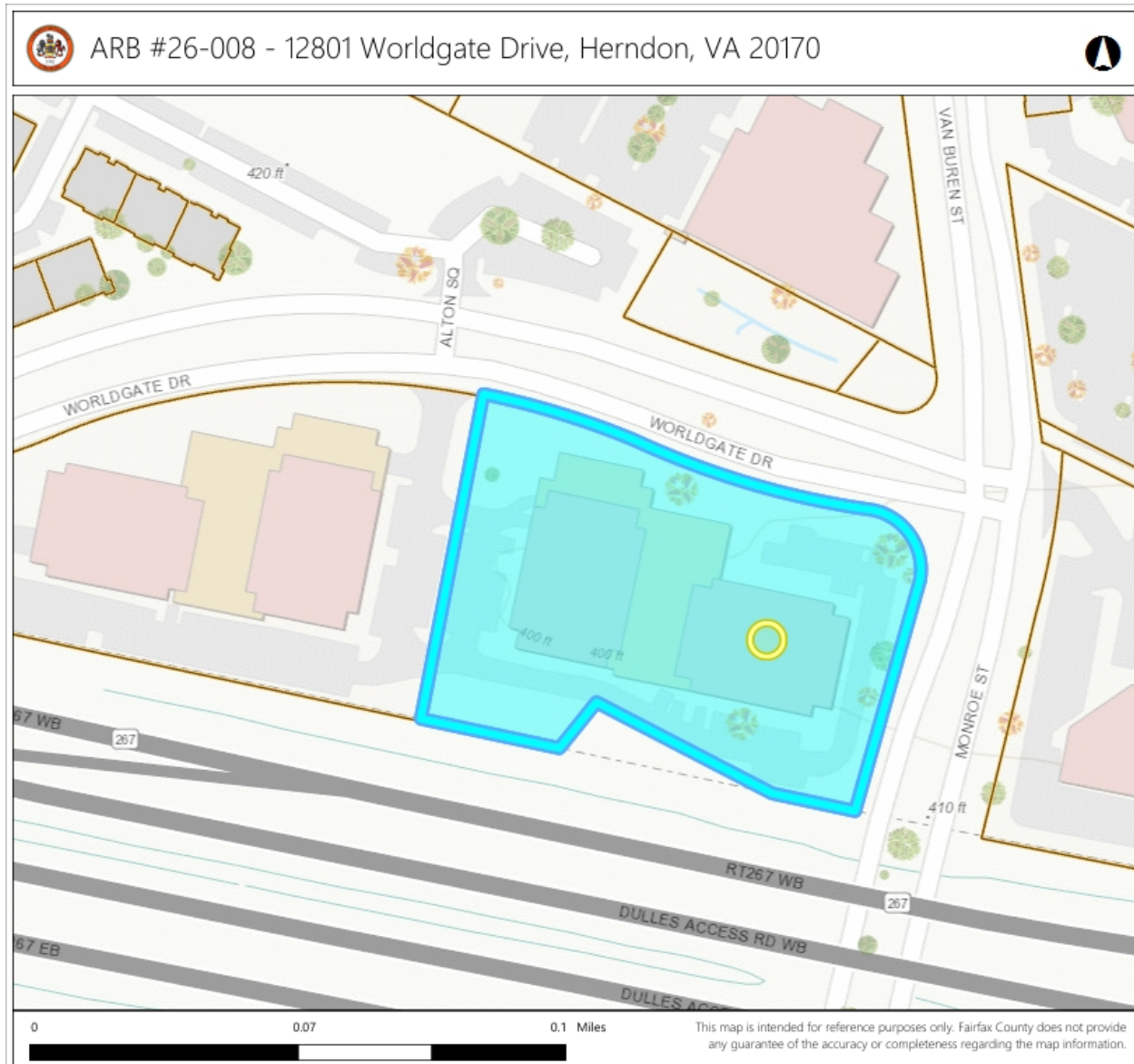
Meeting Date: September 2, 2026

Staff Contact: Angelina R. Jones, Lead Planner – Development & Design

Summary Information:

Proposed Modification	Alteration to an existing structure – Erection of new roof mounted equipment and associated screening		
Address	12801 Worldgate Drive, Herndon, VA 20170		
Fairfax County Tax Map Number	0164 02 0024A		
Owners	WORLDGATE I LLC		
Applicant	Regina Chang, Network Building and Consulting		
Business/Organization	T-Mobile		
Property Use	Office		
Zoning District	PD-W - Planned development Worldgate		
Adjacent Zoning	North: PD-W - Planned development Worldgate; O & LI - Office & Light Industrial District South: Outside of Town of Herndon East: PD-TOC - Planned development transit-oriented core district West: PD-W - Planned development Worldgate		
Building Type(s)	Office	Date of Construction:	c. 2002
Architectural Style(s)	International Style		
Exterior Material(s)	Mix of cast concrete and masonry units		
Neighborhood Design Profile	Mix of commercial and office		
Comprehensive Plan Land Use Designation	Regional Corridor Mixed Use		

Location Map:



Background Information:

Property Description

The property at 12801 Worldgate Drive comprises approximately 159,973 square feet of land. The property features a large, cast concrete and masonry unit clad building at the center of the parcel surrounded by an asphalt-paved parking lot.

Applicable Land Use and Case History

While no two properties within the Architectural Control District are alike and therefore previous cases at other properties do not set precedent, knowledge of similar types of projects previously heard by the ARB provide useful context for evaluation. The ARB has previously reviewed appurtenances associated with water towers and telecommunication equipment in the Town and have required that accompanying antennae be painted to match the adjacent structure. Furthermore, the ARB has previously reviewed and approved alterations associated with screening roof-mounted equipment. Pertinent case history is summarized below.

828 Spring Knoll Drive:

- ARB #09-31 – Approved the construction of a 12' wide, 22' long, and 8' high equipment shelter clad in brick matching the brick of an existing shelter on site, in addition to nine antennas painted to match the color of the water tank.
- ARB #10-27 – Approved the construction of a 12' wide, 17' long, and 10' high enclosure built of CMU with a brick veneer, in addition to three antennas. The approval was conditioned to require the antennas and all associated equipment and structural components including cables and mounts be painted blue to match the exact color of the water tank.

494 Elden Street:

- ARB #17-34 – Approved a façade re-design with new exterior wall treatments and features at the Herndon Centre. This included corrugated metal rooftop screens to hide roof-mounted equipment.

Case Details & Proposal:

This staff report relates to the addition of new rooftop equipment and partial screening proposed for the building at 12801 Worldgate Drive. This includes the installation of two (2) equipment cabinets, one (1) AAV cabinet, one (1) PPC, one (1) transformer, one (1) disconnect switch, one (1) sub-meter, one (1) GPS, three (3) work lights, one (1) 8' x 8' equipment platform in a 14' x 14'-3" proposed lease area, three (3) hybrid cables in cable tray, three (3) concealment boxes to house six (6) antennas, and six (6) radios on the rooftop.

Staff Analysis:

Town Code of Ordinances/Zoning Ordinance Compliance

1. Staff have found that the proposed new construction meets the applicable standards and requirements of the Town of Herndon Zoning Ordinance.
2. Summary of Compliance with the Town Code of Ordinances, [Section 58-96 – Design Criteria](#):
 - *Suitability of the Overall Design (ACD Criterion 1)*: The proposed new rooftop mechanical will constitute a substantial change to the appearance of this building, which is horizontal in its overall massing. The partial screening included in the submitted elevations is a conspicuous change to the perceived height and visual harmony of the roofline. Given these design considerations, the visual impact of the new equipment as proposed will not be installed in a manner that is suitable for a good suburban community.
 - *Compatibility with Surrounding Context (ACD Criterion 2)*: The type of mechanical equipment and screening proposed for this property is not present on any of the adjacent buildings, which are designed in a similar architectural style. Furthermore, the building located across the street at 205 Van Buren Street has a full corrugated screen that surrounds all the roof mounted equipment to prevent any visibility from the ground. The proposal is therefore not compatible with the surrounding context.
 - *Architectural Harmony (Criterion 4)*: The roof mounted equipment and proposed partial screening do not reference the existing building or its materials. The partial screening will be the same color as the building but otherwise is incongruous with it. The design therefore does not maintain the architectural harmony of the building.
 - *Conformance to Accepted Architectural Principles (Criterion 5)*: As noted above the proposed alteration will be an incompatible change to the overall design of the roofline of the building. Furthermore, it will be highly visible from the adjacent rights-of-way with the town as evidenced by the applicant supplied renderings.
 - *Architectural and Aesthetic Acceptability (Criterion 6)*: The proposal does not meet the standard of architectural acceptability set by this criterion, due to the high visibility of the proposed modification and its overall incongruity with the building and its roofline.
 - *Remaining ACD Criteria*: Staff is comfortable with the level of conformity of the current design to ACD Criterion 3 with no further comment.
3. Staff recommend the following modifications to the proposal:
 - Create a rooftop utility screen around the perimeter of the building that can shield this and future roof mounted equipment from visibility using screening material similar to that present at 205 Van Buren Street.
 - Push the new equipment further back on the roofline to minimize the visibility from the right-of-way.
 - Paint all equipment to camouflage and minimize visibility from the right-of-way.

ARB Alternatives:

The following alternatives are available to the ARB for its decision on #26-008.

1. Approval as proposed
2. Approval with conditions
3. Denial on specific stated grounds
4. Continuance of the application to a future public hearing

Staff Recommendation:

Staff are withholding a recommendation pending discussion of the analysis above by the ARB.

August 18, 2026

Town of Herndon
Architectural Review Board
777 Lynn Street
Herndon, VA 20170

RE: ARB Application and Materials – 12801 Worldgate Drive

To whom it may concern,

Please find the following documents attached for a new Architectural Review Board application for the installation of two (2) equipment cabinets, one (1) AAV cabinet, one (1) PPC, one (1) transformer, one (1) disconnect switch, one (1) sub-meter, one (1) GPS, three (3) work lights, one (1) 8' x 8' equipment platform in a 14' x 14'-3" proposed lease area, three (3) hybrid cables in cable tray, three (3) concealment boxes to house six (6) antennas, and six (6) radios on the rooftop of 12801 Worldgate Drive, Herndon, VA 20170.

- Zoning Drawings
- ARB Application Form
- Photo Sims

Please let me know if you have any questions or if you need additional information.

Thank you,

Regina Chang

Regina Chang
Land Use Associate
Network Building and Consulting
(301) 832-0193
rchang@nbcllc.com



VIRGINIA LAW REQUIRES
THREE WORKING DAYS NOTICE PRIOR TO
ANY EARTH MOVING ACTIVITIES

SITE NUMBER: 7WAC608A
SITE NAME: REPLACEMENT FOR 7WAC531A
T-MOBILE NEW INSTALLATION, DESIGN 67E5D998E 6160

12801 WORLDGATE DR
HERNDON, VA 20170
FAIRFAX COUNTY

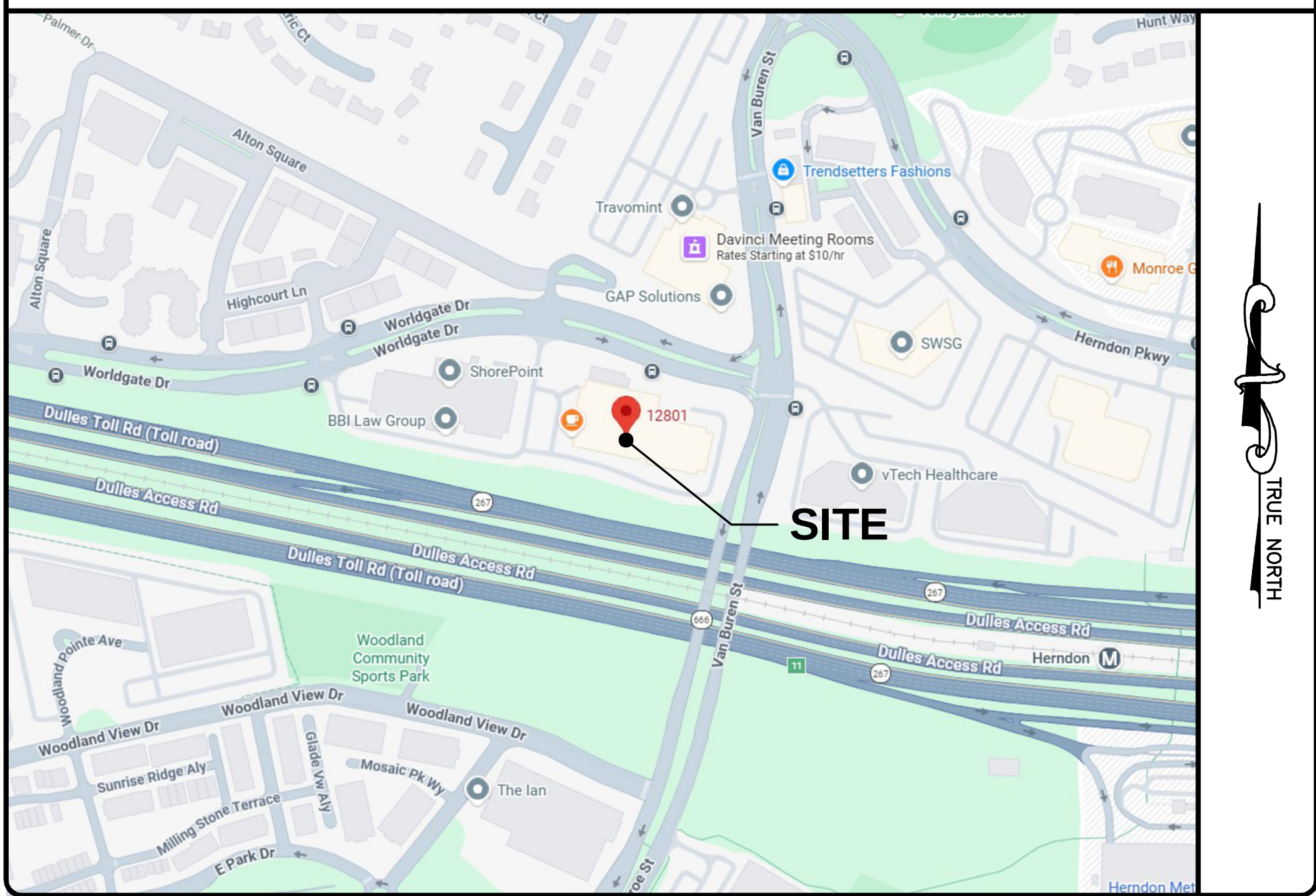
SITE INFORMATION

LATITUDE (NAD 83): 38.954389° (38° 57' 15.8" N)
LONGITUDE (NAD 83): -77.389167° (77° 23' 21.0" W)
JURISDICTION: FAIRFAX COUNTY
ZONING: PD-W
TAX ACCOUNT NUMBER: 0164-02-0024A
PARCEL AREA: 3.67± ACRES
PARCEL OWNER: WORLDGATE I LLC
ADDRESS: 1356 BEVERLY RD STE 250
MCLEAN VA 22101-3682
GROUND ELEVATION: 410.7± (AMSL)
STRUCTURE TYPE: ROOFTOP
STRUCTURE HEIGHT (ROOF LEVEL): 81'-4" (AGL)
TOP OF HIGHEST APPURTENANCE: 97'-4" (AGL)

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

VICINITY MAP



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.

- 2021 VA USBC, UNIFORM STATEWIDE BUILDING CODE
- 2021 VA BUILDING AND FIRE CODE RELATED REGULATIONS
- 2021 VA CONSTRUCTION CODE
- 2021 VA STATEWIDE FIRE PREVENTION CODE
- 2021 VA ENERGY CONSERVATION CODE
- 2021 VA EXISTING BUILDING CODE
- 2021 VA FUEL GAS CODE
- 2021 VA MECHANICAL CODE
- 2021 VA PLUMBING CODE
- 2021 VA MAINTENANCE CODE
- 2021 INTERNATIONAL FIRE CODE (IFC)
- 2020 NATIONAL ELECTRIC CODE

DRAWING INDEX

T-1 TITLE SHEET
SP-1 SITE PLAN
C-1 ROOFTOP PLAN
C-1.1 EQUIPMENT PLAN
C-2 SOUTH WEST ELEVATION
C-3 SOUTH EAST ELEVATION
C-4 NORTH EAST ELEVATION
ADDENDUM EQUIPMENT PLATFORM
ESSV PANEL SPECIFICATIONS

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.

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.
6095 MARSHALEE DRIVE, SUITE 300
ELKRIDGE, MD 21075
(410) 712-7092

SITE INFORMATION

7WAC608A
REPLACEMENT FOR 7WAC531A
12801 WORLDGATE DR
HERNDON, VA 20170
FAIRFAX COUNTY

DESIGN RECORD

REVISIONS			
C	08/20/26	REMOVED FUTURE EQUIPMENT	CRU
B	08/18/26	ARB COMMENTS	CRU
A	07/30/26	ZONING DRAWINGS	CRU
REV	DATE	DESCRIPTION	BY

PROFESSIONAL STAMP

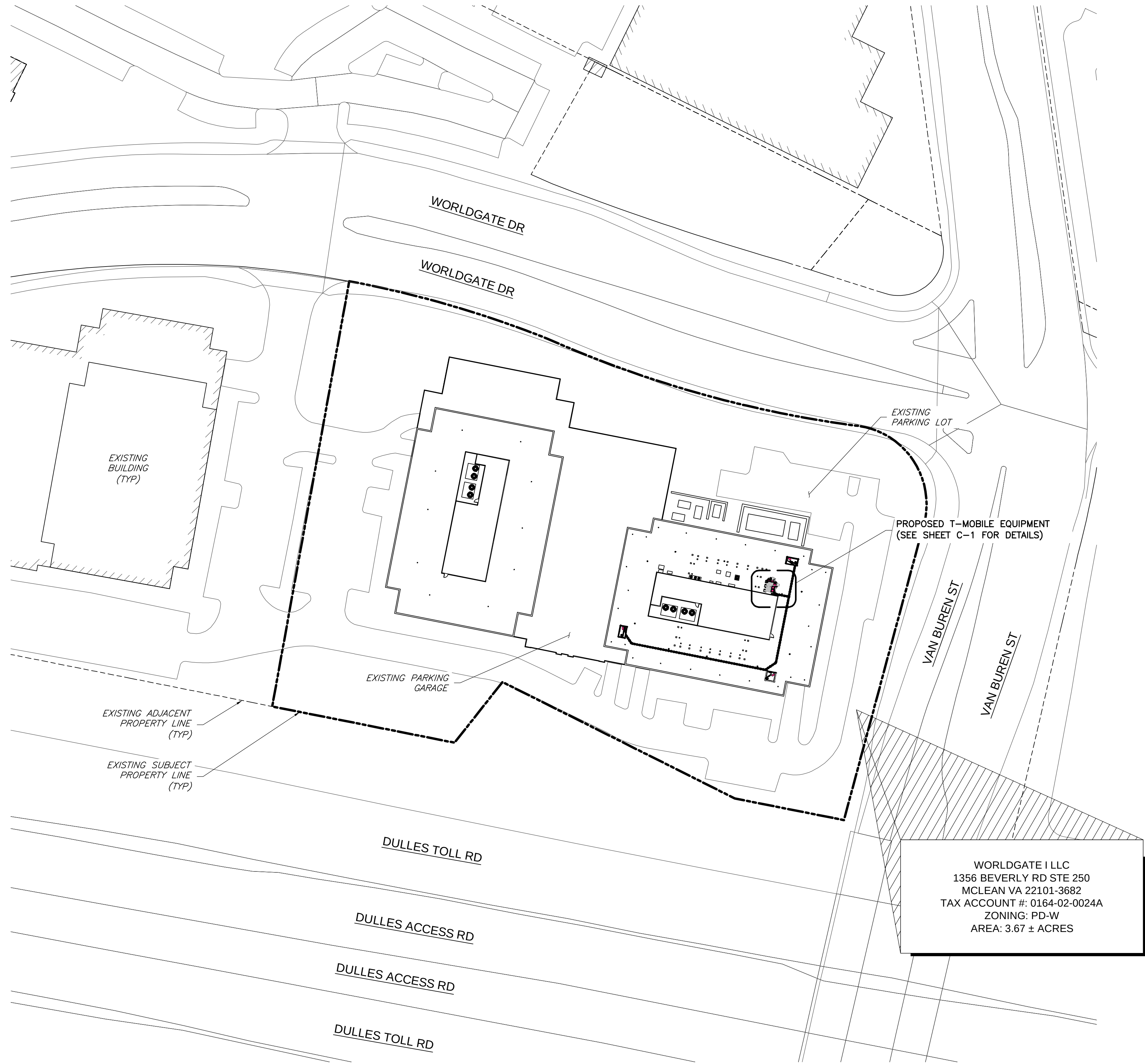
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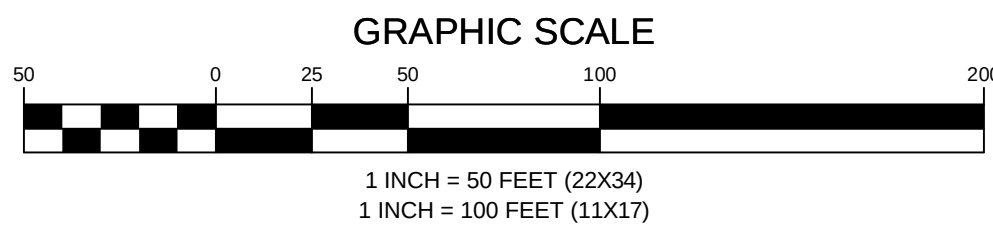
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SHEET
NUMBER

T-1



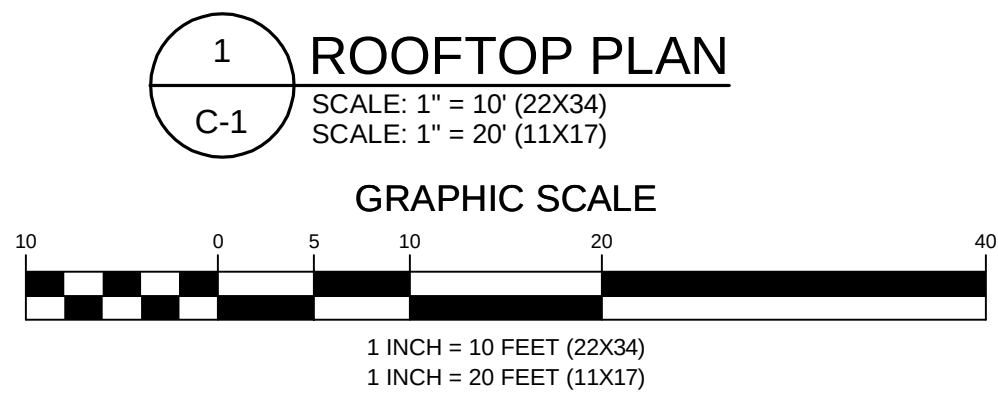
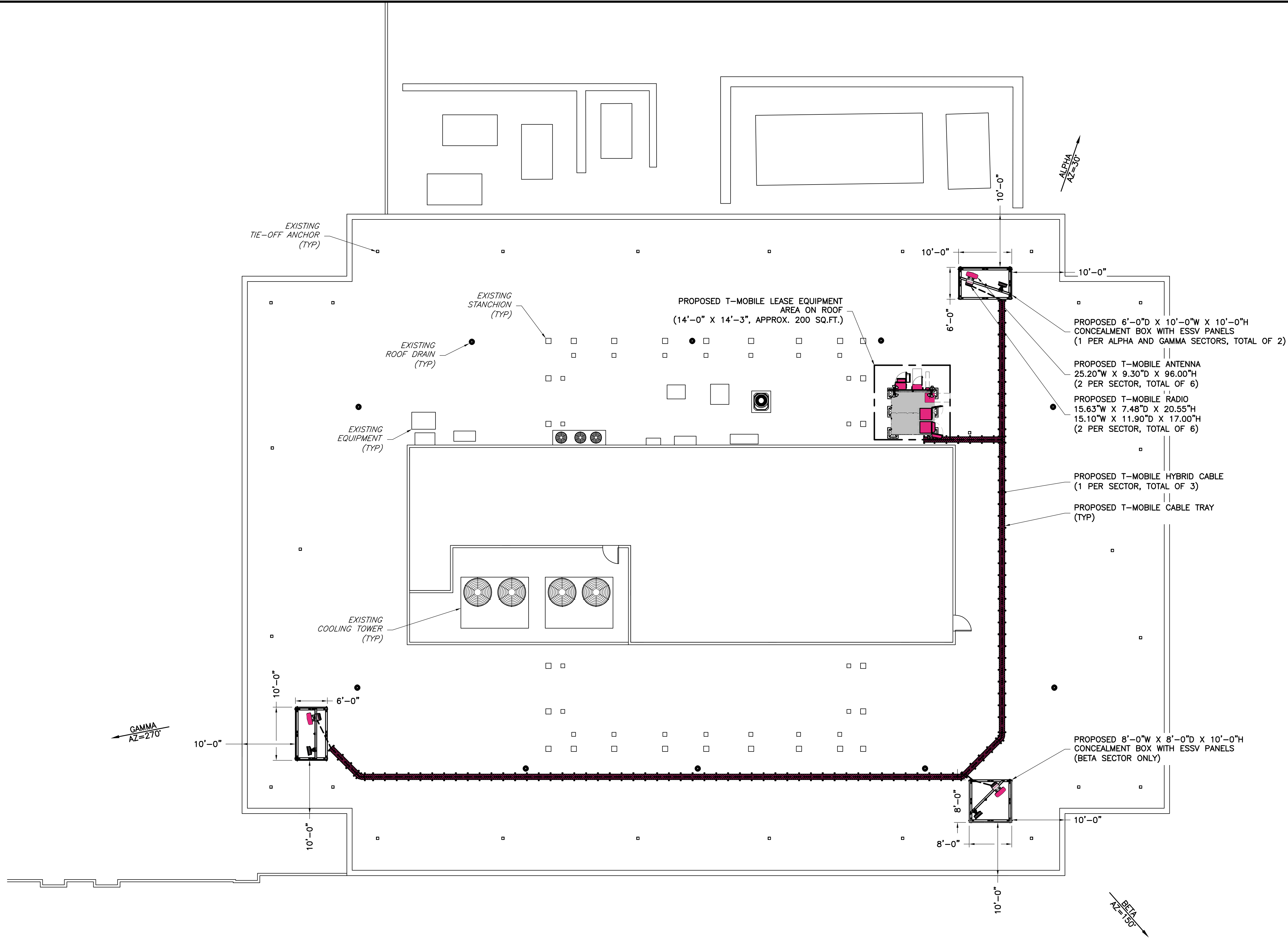
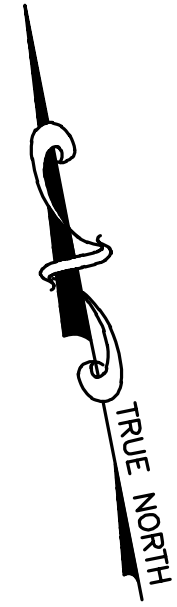
1 SITE PLAN
SP-1
SCALE: 1" = 50' (22X34)
SCALE: 1" = 100' (11X17)



ZONING INFORMATION		
JURISDICTION: FAIRFAX COUNTY		
ZONING: PD-W		
DIMENSION	EXISTING ±	PROPOSED ±
FRONT YARD SETBACK:	NO CHANGE	NO CHANGE
SIDE YARD SETBACK:	NO CHANGE	NO CHANGE
REAR YARD SETBACK:	NO CHANGE	NO CHANGE
LOT AREA: 3.67 ± 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 EXISTING ROOFTOP TO EXISTING PROPERTY LINES.		

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

APPLICANT	 T-MOBILE NORTHEAST LLC 12050 BALTIMORE AVENUE BELTSVILLE, MD 20705 OFFICE: (240) 264-8600 FAX: (240) 264-8610		
	 TOTALLY COMMITTED. NB+C ENGINEERING SERVICES, LLC. 6095 MARSHALEE DRIVE, SUITE 300 ELKRIDGE, MD 21075 (410) 712-7092		
ENGINEER			
SITE INFORMATION	7WAC608A REPLACEMENT FOR 7WAC531A 12801 WORLDGATE DR HERNDON, VA 20170 FAIRFAX COUNTY		
DESIGN RECORD	REVISIONS		
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PROFESSIONAL STAMP			
SHEET TITLE	SITE PLAN		
SHEET NUMBER	SP-1		



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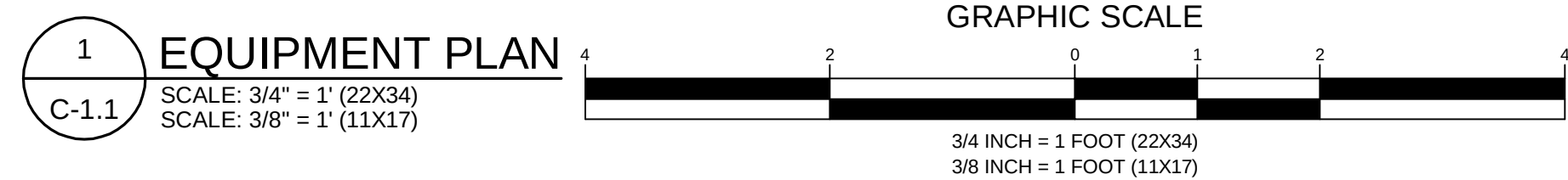
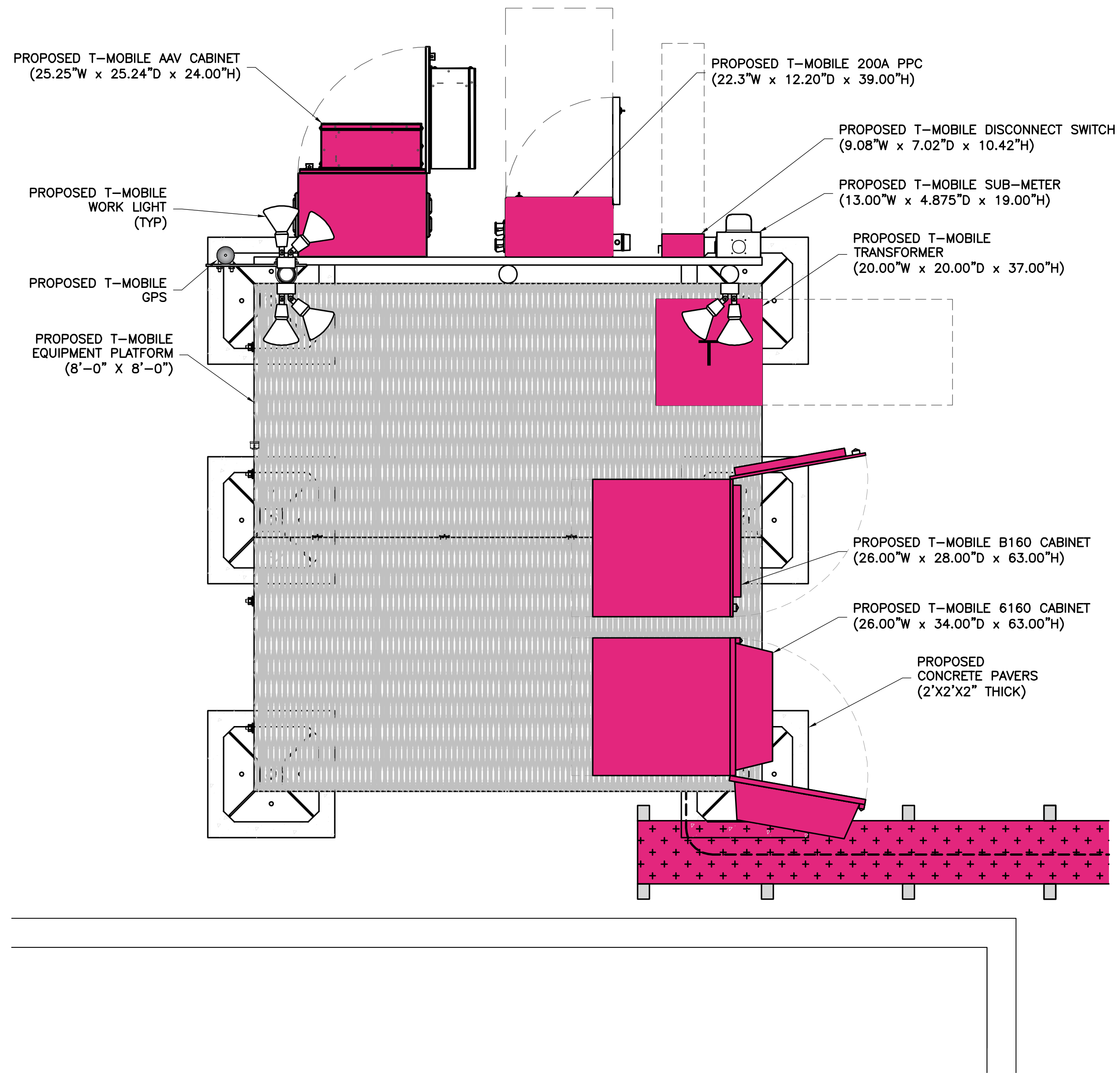
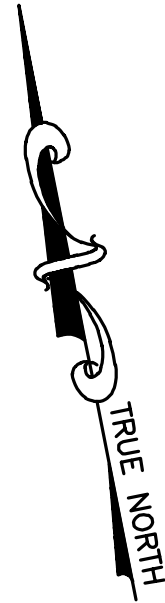
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ROOFTOP PLAN

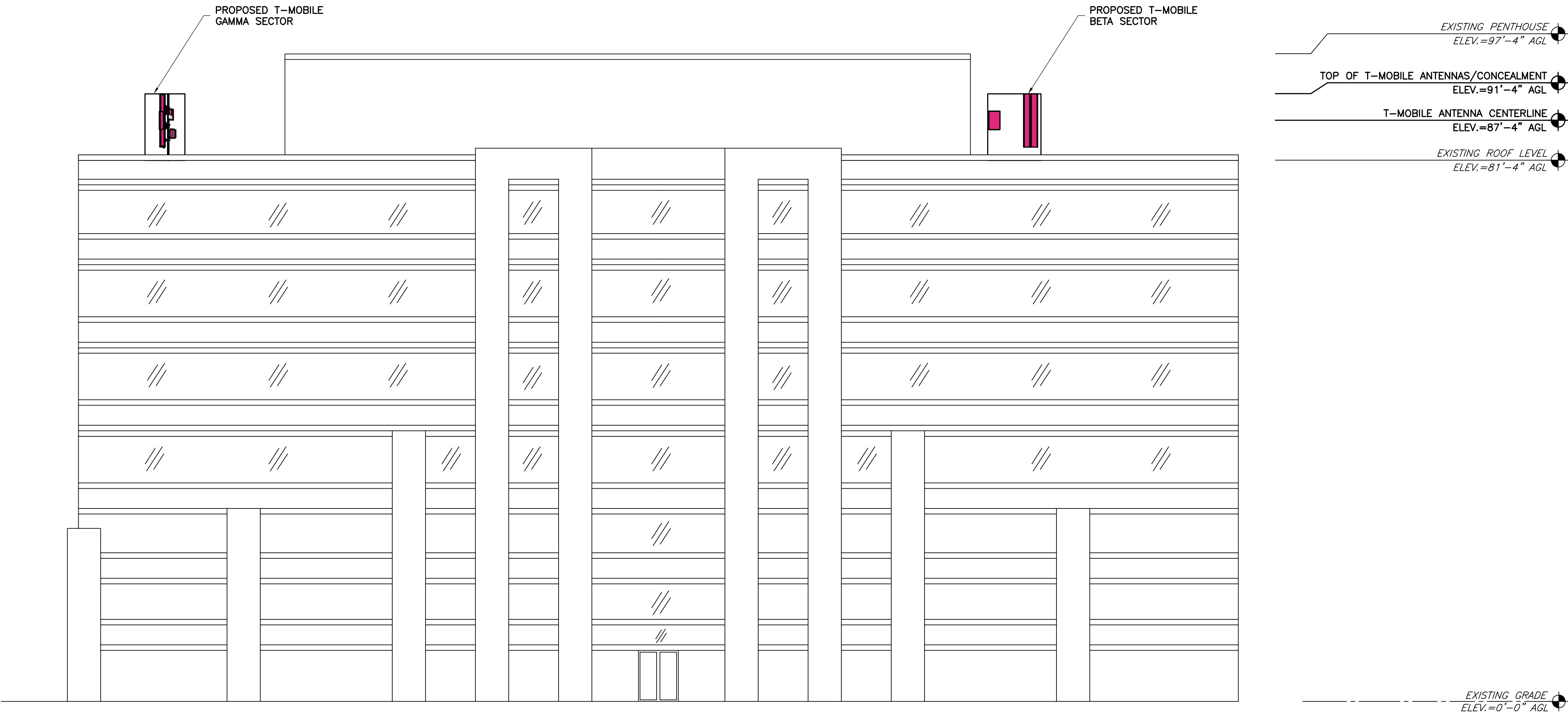
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APPLICANT	T Mobile T-MOBILE NORTHEAST LLC 12050 BALTIMORE AVENUE BELTSVILLE, MD 20705 OFFICE: (240) 264-8600 FAX: (240) 264-8610																				
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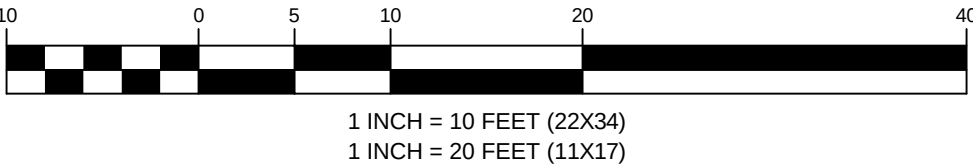
NOTE:
ALL ANTENNAS, EQUIPMENT, CONCEALMENT,
AND CABLING VISIBLE FROM GROUND LEVEL
ARE TO BE PAINTED TO MATCH THE
STRUCTURE TO WHICH THEY ARE ATTACHED.



1
C-2

SOUTH WEST ELEVATION

SCALE: 1" = 10' (22X34)
SCALE: 1" = 20' (11X17)



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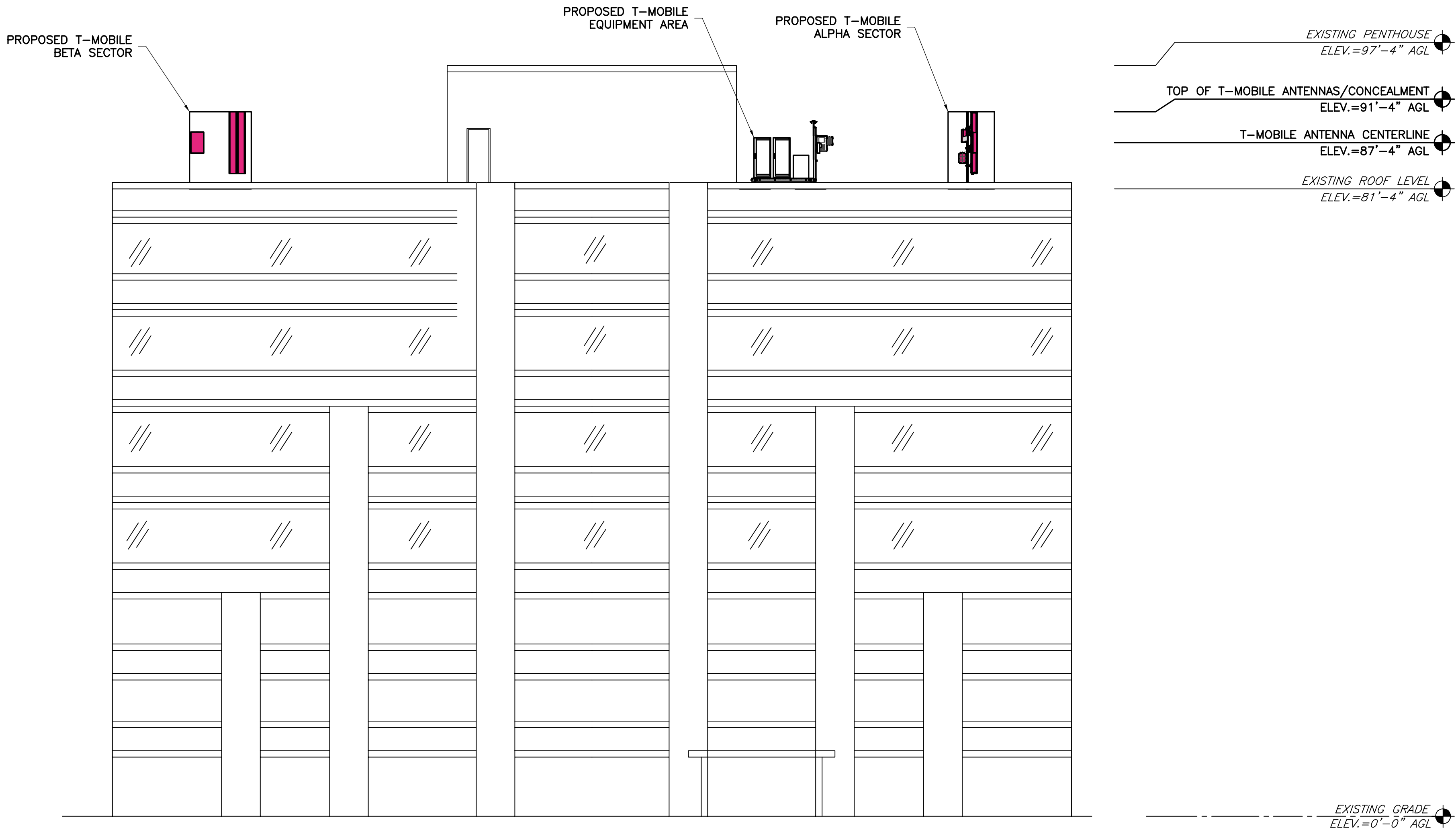
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**SOUTH WEST
ELEVATION**

SHEET
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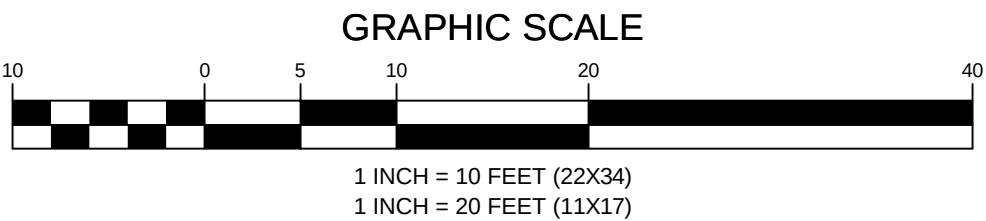
C-2

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1
C-3

SOUTH EAST ELEVATION
SCALE: 1" = 10' (22X34)
SCALE: 1" = 20' (11X17)



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**ZONING
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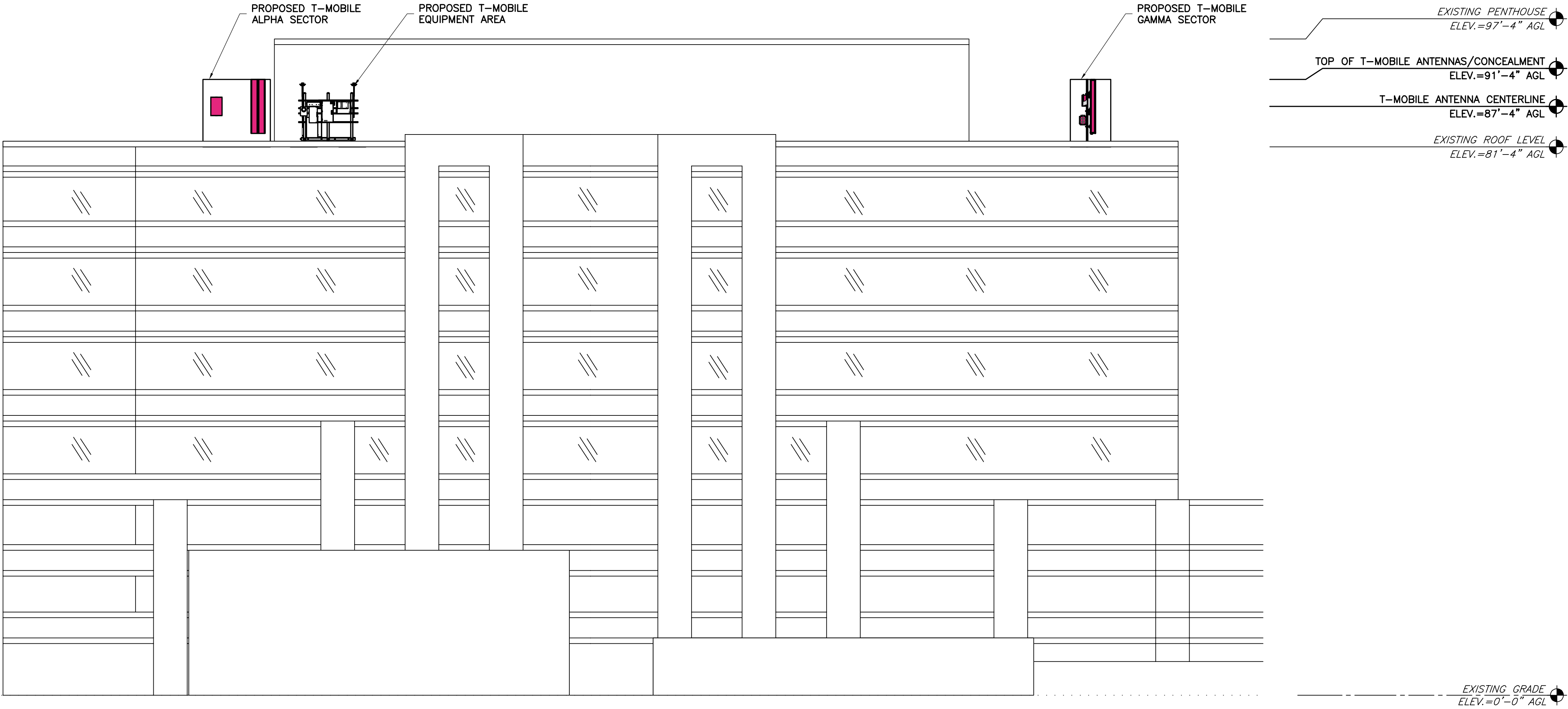
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**SOUTH EAST
ELEVATION**

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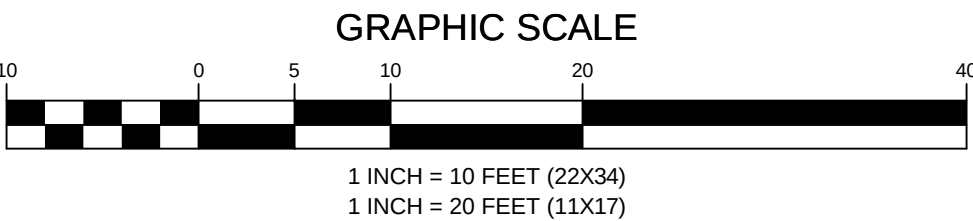
C-3

NOTE:
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1
C-4

NORTH EAST ELEVATION
SCALE: 1" = 10' (22X34)
SCALE: 1" = 20' (11X17)



APPLICANT

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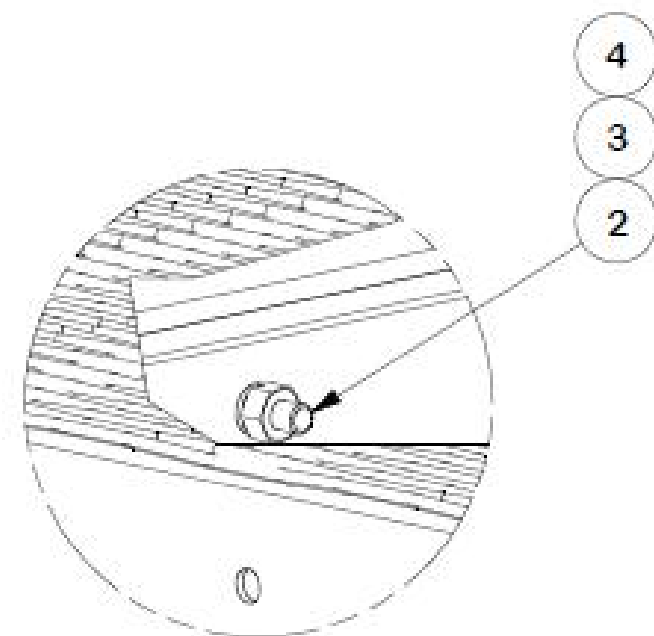
**ZONING
DRAWINGS**

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**NORTH EAST
ELEVATION**

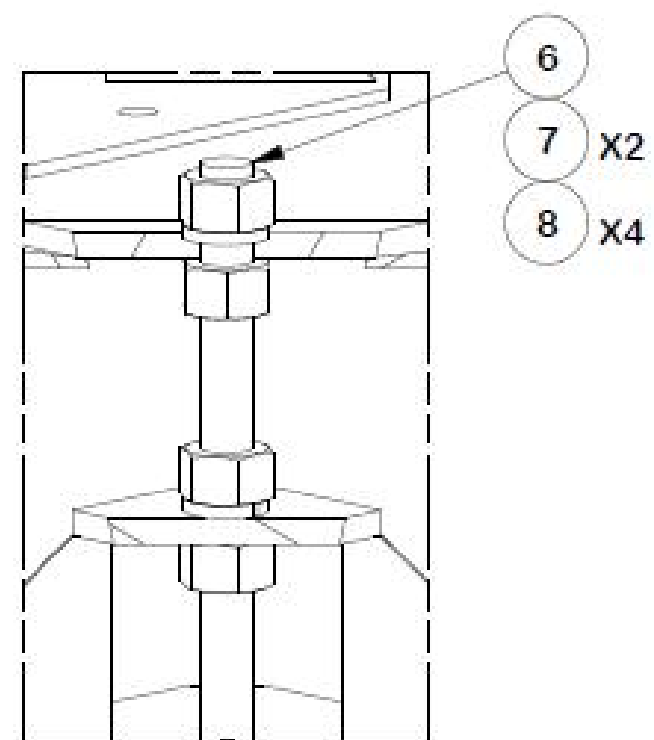
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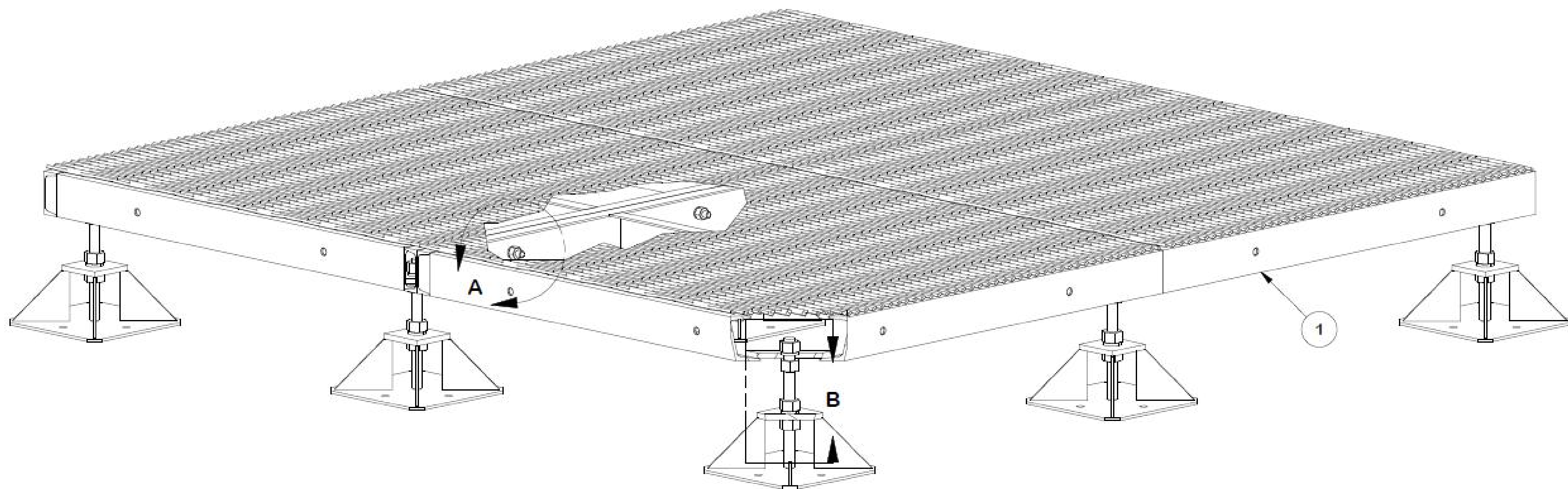
DETAIL A

TYPICAL ALL
PLATFORM TO PLATFORM
CONNECTIONS



DETAIL B

TYPICAL ALL
LEG CONNECTIONS



PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	4	X-MEP44	4' X 4' MODULAR EQUIPMENT PLATFORM BASE		201.72	806.87
2	8	G58134	5/8" x 1-3/4" HDG BOLT	1 3/4 in	0.27	2.15
3	8	G58LW	5/8" HDG LOCKWASHER		0.03	0.21
4	8	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	1.04
5	9	X-MPADS	1' SQAURE MODULAR PLATFORM FOOTPAD		17.50	157.53
6	9	G1R-12	1" x 12" THREADED ROD (HDG.)	12 in	2.68	24.09
7	18	G1LW	1" LOCK WASHER		0.09	1.70
8	36	G1NUT	1" HDG HEAVY HEX NUT		0.47	16.94
TOTAL WT. #						1010.53

APPLICANT

ENGINEER

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

SHEET TITLE

SHEET NUMBER



T-MOBILE NORTHEAST LLC

12050 BALTIMORE AVENUE
BELTSVILLE, MD 20705
OFFICE: (240) 264-8600
FAX: (240) 264-8610



TOTALLY COMMITTED.

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

7WAC608A
REPLACEMENT FOR 7WAC531A
12801 WORLDGATE DR
HERNDON, VA 20170
FAIRFAX COUNTY

REVISIONS			
REV	DATE	DESCRIPTION	BY
C	08/20/26	REMOVED FUTURE EQUIPMENT	CRU
B	08/18/26	ARB COMMENTS	CRU
A	07/30/26	ZONING DRAWINGS	CRU

ZONING
DRAWINGS

EQUIPMENT
PLATFORM
DETAILS

ADM 1

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES ($\pm 0.030"$)
DRILLED AND GAS CUT HOLES ($\pm 0.030"$) - NO CONING OF HOLES
LASER CUT EDGES AND HOLES ($\pm 0.010"$) - NO CONING OF HOLES
BENDS ARE $\pm 1/2$ DEGREE
ALL OTHER MACHINING ($\pm 0.030"$)
ALL OTHER ASSEMBLY ($\pm 0.060"$)

PROPRIETARY NOTE:
THE DATA AND TECHNIQUES CONTAINED IN THIS DRAWING ARE PROPRIETARY INFORMATION OF VALMONT INDUSTRIES AND CONSIDERED A TRADE SECRET. ANY USE OR DISCLOSURE WITHOUT THE CONSENT OF VALMONT INDUSTRIES IS STRICTLY PROHIBITED.

A	REVISED LEG POSITION	CEK	4/11/2016
REV	DESCRIPTION OF REVISIONS	CPD	BY DATE

REVISION HISTORY

DESCRIPTION
8' X 8'
MODULAR EQUIPMENT PLATFORM
WITH SMALL FOOTPADS

CPD NO.	DRAWN BY CEK 3/28/2016	ENG. APPROVAL
CLASS 81	SUB 01	DRAWING USAGE CUSTOMER
	CHECKED BY BMC 4/7/2016	



Engineering
Support Team:
1-888-753-7446

Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

A valmont COMPANY

PART NO.	MEP88-4S
DWG. NO.	MEP88-4S

1 OF 2
PAGE

DATA SHEET

STEALTH Concealment Solutions
STEALTHSKIN V ESSV Panel

DESCRIPTION Through testing and the experience of thousands of concealment sites constructed, Raycap has determined that the type and placement of materials used for screening antennas play a vital role in their performance. All our concealment panels allow for superior antenna signal transmission compared to fiberglass without the durability problems of fiber blooming or cracking over time. Panels are engineered and manufactured to become part of the existing structure and withstand extreme weather conditions while maintaining their original appearance.

APPLICATIONS ESSV panels are generally specified for dark color and desert climate applications. ESSV panels can be used to manufacture a variety of rooftop and tower-type concealment products including screenwalls, wall replacements, side-mounted boxes, clock towers and bell towers. The panel can be factory textured to match most existing architectural appearances such as brick, stucco, aggregate and split face block as well as custom applications.

RECOMMENDED FREQUENCIES Raycap generally recommends ESSV panels for frequencies up to 3GHz. We have testing currently in process for higher frequency applications and have insertion loss lab testing for most panel and texture combinations up to 100 GHz at multiple incidence angles. Please contact us to help select the best concealment panel for your site.

SIZES AND STYLES AVAILABLE ESSV panels are available in 4' x 8' and 4' x 10', and 4' x 12' standard sizes. Custom sizes are available upon request. Nominal panel thickness is 2.1875". Panel weight is 1.5 lb/sf for a smooth/painted texture.

PHYSICAL PROPERTIES ESSV panels are manufactured with sandwich panel geometry. FRP (fiberglass reinforced plastic) skins are laminated to an extruded polystyrene core using an ICBO approved adhesive. Physical performance properties of the skins and core are listed to the right.

FABRICATION/INSTALLATION ESSV panels can be fabricated into various sizes and bent into corner panels and other shapes including radius applications. Due to the critical design aspects of many of its applications, We recommend that qualified designers or consultants design a total concealment system to support the panels.

AVAILABILITY Raycap maintains limited inventory of ESSV panels and has custom manufacturing capability in its facilities in South Carolina. Please contact us at 843-207-8000 or toll free at 800-755-0689 for sales information.

TECHNICAL SERVICES Raycap can provide technical information and support to address questions when using ESSV panels.

PHYSICAL PERFORMANCE PROPERTIES OF FRP SKINS			
PROPERTY	UNITS	TEST METHOD	RESULTS
Coefficient of Linear Thermal Expansion	10 ⁵ /IN/IN/°C	ASTM D-696	3.46
Water Absorption (24 hours)	%	ASTM D-570	0.17%
Tensile Modulus	psi x 10 ²	ASTM D-638	9.43 x 10 ⁵
Tensile Strength, Yield	psi	ASTM D-638	8,000
Elongation, Yield	%	ASTM D-638	1.20%
Flexural Modulus	psi x 10 ²	ASTM D-790	6.0 x 10 ⁵
Flexural Strength	psi	ASTM D-790	17,000
Compressive Strength	psi	ASTM D-695	18043/13042 Transverse
Compressive Modulus	psi x 10 ²	ASTM D-695	0.783/0.508 Transverse
IZOD Impact	F 0 lbs. Inch Notch	ASTM D-256	7.0

PHYSICAL PERFORMANCE PROPERTIES OF EXTRUDED POLYSTYRENE CORE			
PROPERTY	UNITS	TEST METHOD	RESULTS
Density	Lb/ft³	ASTM D-1622	1.5
Compressive Strength	Lb/in²	ASTM D-1621 (vertical)	20
Tensile Strength	Lb/in²	ASTM D-1623 (vertical)	50
Shear Strength	Lb/in²	ASTM C-273	25
Shear Modulus	Lb/in²	ASTM C-273	330
Flexural Strength	Lb/in²	ASTM C-203	50
Flexural Modulus	Lb/in²	ASTM-203	1,600
Water Absorption	% by volume	ASTM C-272	0.5
R-Value per inch	F ft² h/Btu	ASTM C-518	5.0
Surface Burning Characteristics (Flame Spread / Smoke Developed)	-	ASTM E84	15/165

APPLICANT

T Mobile

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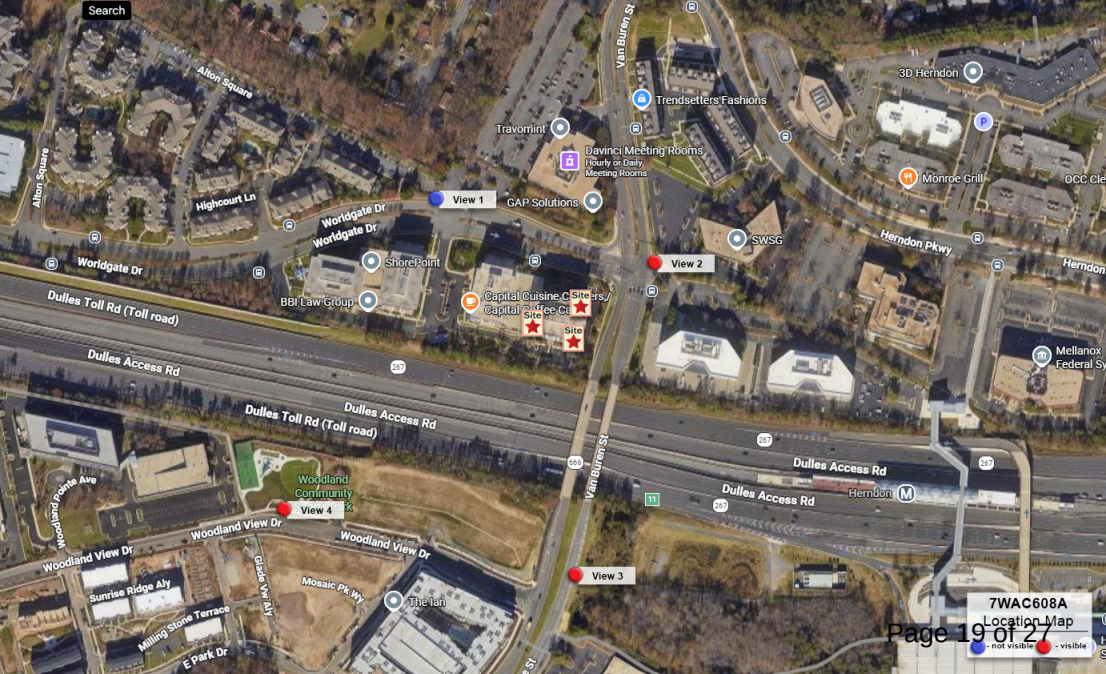
SHEET TITLE

ESSV PANEL
DETAILS

SHEET NUMBER

ADM 2

Search



7WAC608A

Location Map

Page 19 of 27

● not visible ● visible



Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 1-Worldgate Drive
View from the Northwest
SITE NOT VISIBLE





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 2-Worldgate Drive &
Van Buren Street
View from the Northeast
Showing the Existing Site





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 2-Worldgate Drive &
Van Buren Street
View from the Northeast
Showing the Proposed Site





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 3-Monroe Street
View from the South
Showing the Existing Site





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 3-Monroe Street
View from the South
Showing the Proposed Site





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
View 4-Woodland Drive
View from the Southwest
Showing the Existing Site





Site Name: 7WAC608A
Wireless Communication Facility
12801 Worldgate Drive
Herndon, VA 20170

Photograph Information:
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Showing the Proposed Site

NBIC
TOTALLY COMMITTED.

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Water Absorption	% by volume	ASTM C-272	0.5
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Surface Burning Characteristics (Flame Spread / Smoke Developed)	-	ASTM E84	15/165