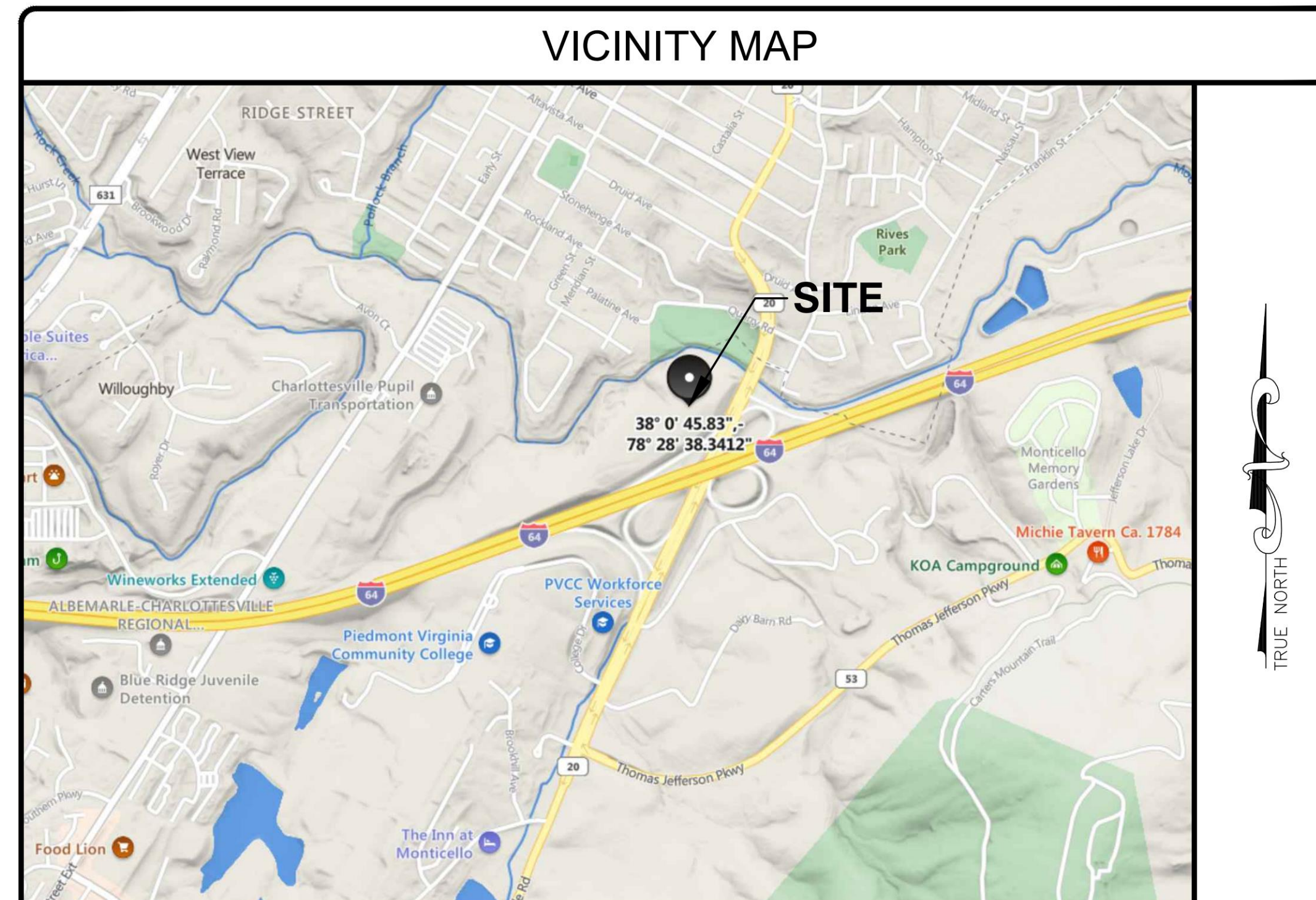




SITE NAME: PIEDMONT COLLEGE 5G L-SUB6 - CARRIER ADD

1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902
ALBEMARLE COUNTY



DIRECTIONS

FROM 2501 GOODES BRIDGE RD, RICHMOND, VA 23224: HEAD NORTH ON GOODES BRIDGE RD TOWARD ELK RD. TURN RIGHT ONTO US-360 E. TAKE THE RAMP ON THE RIGHT FOR I-95 NORTH/VA-150 NORTH AND HEAD TOWARD HOSPITAL/POWHITEPKWY. TAKE THE RAMP ON THE RAMP ON THE RIGHT AND FOLLOW SIGNS FOR VA-76N. KEEP STRAIGHT TO GET ONTO I-195 N. KEEP STRAIGHT TO GET ONTO I-64 W. AT EXIT 121, HEAD RIGHT ON THE RAMP FOR VA-20 TOWARD SCOTTSVILLE. TURN RIGHT ONTO VA-20 N/MONTICELLO AVE. MAKE A U-TURN AT QUARRY RD. ACCESS ROAD TO SITE WILL BE ON THE RIGHT.

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.

- 2018 INTERNATIONAL BUILDING CODE
- 2018 VIRGINIA CONSTRUCTION CODE
- 2017 NATIONAL ELECTRICAL CODE
- ANSI/TIA-222-G
- 2018 NFPA 101, LIFE SAFETY CODE
- TIA 607
- 2018 INTERNATIONAL FIRE CODE (IFC)
- INSTITUTE FOR ELECTRICAL & ELECTRONICS ENGINEER 81
- AMERICAN CONCRETE INSTITUTE
- IEEE C2 NATIONAL ELECTRIC SAFETY CODE LATEST EDITION
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- TELCORDIA GR-1275
- MANUAL OF STEEL CONSTRUCTION 15TH EDITION
- ANSI/T 311

CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT: [HTTPS://PMI.VZWSMART.COM](https://pmi.vzwsmart.com)
 SMART TOOL VENDOR PROJECT PROJECT NUMBER: 10155466
 VERIZON LOCATION CODE (PSLC): 252518
 *** PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

MOUNT REPLACEMENT REQUIRED

YES

VERIZON APPROVED VENDORS

* REFER TO CONSTRUCTION DRAWINGS.

DRAWING INDEX

- | | |
|-----|------------------------------|
| T-1 | TITLE SHEET |
| Z-1 | SITE PLAN |
| C-1 | COMPOUND PLAN |
| C-2 | ELEVATION |
| A-1 | EQUIPMENT SCHEDULE I |
| A-2 | EQUIPMENT SCHEDULE II |
| A-3 | EQUIPMENT DETAILS |
| A-4 | MOUNT SPECIFICATION SHEET I |
| A-5 | MOUNT SPECIFICATION SHEET II |

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 24"X36". 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

APPLICANT: VERIZON WIRELESS
 1831 RADY COURT
 RICHMOND, VA 23222
 MEG BROWN
 (804) 543-9908

SITE INFORMATION

PROJECT DESCRIPTION: PROJECT CONSISTS OF (2) MOUNT REPLACEMENTS, REMOVING (6) ANTENNAS, (3) RRU'S FROM TOWER, (3) RRU'S FROM SHELTER & (6) COAX CABLES FOLLOWED BY INSTALLING (9) ANTENNAS, (3) INTEGRATED ANTENNA/RRUs, (9) RRU'S, (1) OVPs, (1) HYBRID CABLES ON TOWER, AND INSTALLING UP CONVERTERS, ALARMS, WITH CORRESPONDING EQUIPMENT AND KITS AS LISTED IN RFDS TO EXISTING SHELTER. THE FINAL TOWER CONFIGURATION WILL BE (9) ANTENNAS, (3) INTEGRATED ANTENNA/RRUs, (9) RRU'S, (2) OVPs & (2) HYBRID CABLES.

SITE ADDRESS: 1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902

LATITUDE (NAD 83): 38° 0' 45.8316"

LONGITUDE (NAD 83): -78° 28' 38.3412"

GROUND ELEVATION: 10.0' ± (AMSL)

JURISDICTION: ALBEMARLE COUNTY

ZONING: R-15 (HIGH DENSITY MULTI FAMILY HOUSING)

TAX MAP NUMBER: 077000000002500

PARCEL AREA: 157.49± ACRES

PARCEL OWNER: UNIVERSITY OF VIRGINIA FOUNDATION
PO. BOX 400218
CHARLOTTESVILLE, VA 22904

TOWER OWNER: VERIZON WIRELESS
1831 RADY COURT
RICHMOND, VA 23222

STRUCTURE TYPE: MONOPOLE

STRUCTURE HEIGHT: 90.0'±AGL

RAD CENTER: 86' AGL & 77' AGL

TOTAL LEASE AREA: 1600.0 SQ FT

POWER PROVIDER: DOMINION VA POWER (866) 366-4357

TELCO PROVIDER: VERIZON (800) 837-4966

EMERGENCY INFORMATION:

FIRE & RESCUE DEPARTMENT: (757) 926-8404
 POLICE DEPARTMENT: (757) 928-4300

PROJECT TEAM

APPLICANT: VERIZON WIRELESS
1831 RADY COURT
RICHMOND, VA 23222

CONSTRUCTION MANAGEMENT FIRM: NETWORK BUILDING + CONSULTING, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
(804) 548-4079

ENGINEERING FIRM: NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
(804) 548-4079
tsnarr@nbcllc.com

ENGINEER



APPLICANT



SITE INFORMATION

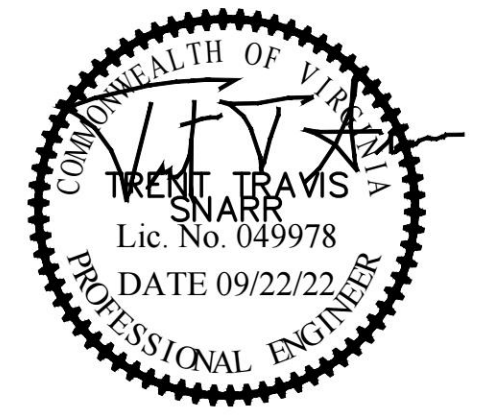
PIEDMONT COLLEGE
5G L-SUB6 - CARRIER ADD
NB+C PROJ. #100352
1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902
ALBEMARLE COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	09/22/22	FINAL ZDs	AMT
0	08/08/22	PRELIMINARY ZDs	AMT

PROFESSIONAL STAMP



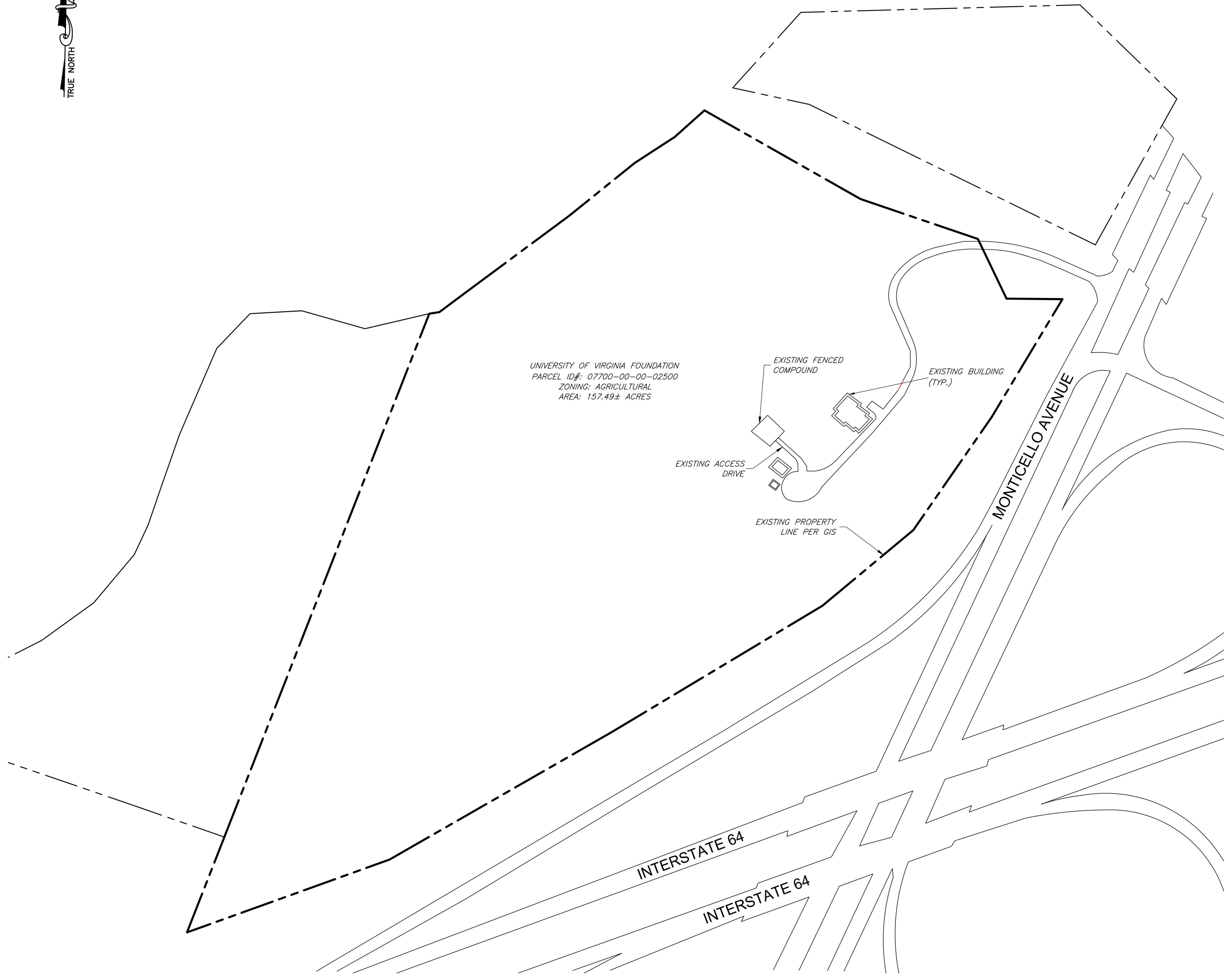
ENGINEER

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1



UNIVERSITY OF VIRGINIA FOUNDATION
PARCEL ID#: 07700-00-00-02500
ZONING: AGRICULTURAL
AREA: 157.49± ACRES

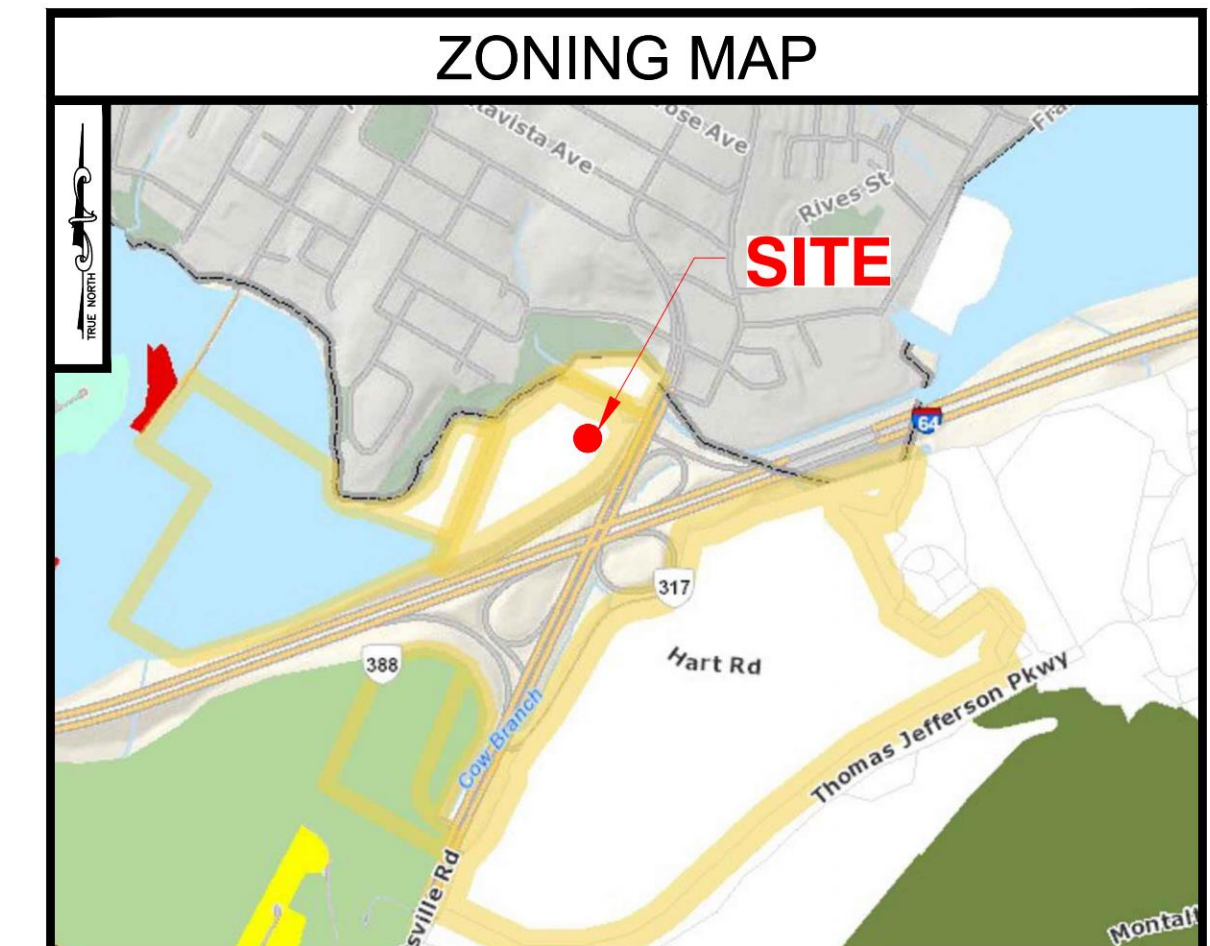
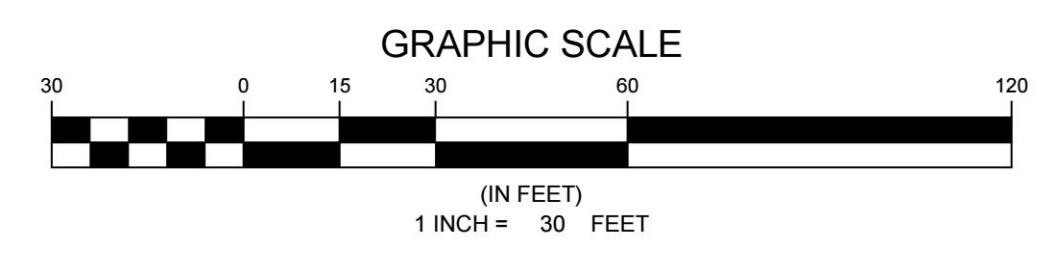
EXISTING FENCED COMPOUND
EXISTING BUILDING (TYP.)
EXISTING ACCESS DRIVE
EXISTING PROPERTY LINE PER GIS

MONTICELLO AVENUE

INTERSTATE 64

INTERSTATE 64

1 SITE PLAN
C-1 SCALE: 1" = 30'



GENERAL NOTES

1. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
2. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
3. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION. THERE IS NO HANDICAP ACCESS REQUIRED.
4. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
5. THIS SITE PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON FIELD MEASUREMENTS AND/OR SCALED ASSESSORS MAPS AVAILABLE. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITION THAT A SURVEY MAY REVEAL.

ENGINEER

NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23069
804-548-4072

APPLICANT

1831 RADY COURT
RICHMOND, VA 23222

SITE INFORMATION

PIEDMONT COLLEGE
5G L-SUB6 - CARRIER ADD
NB+C PROJ. #100352
1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902
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PROFESSIONAL STAMP

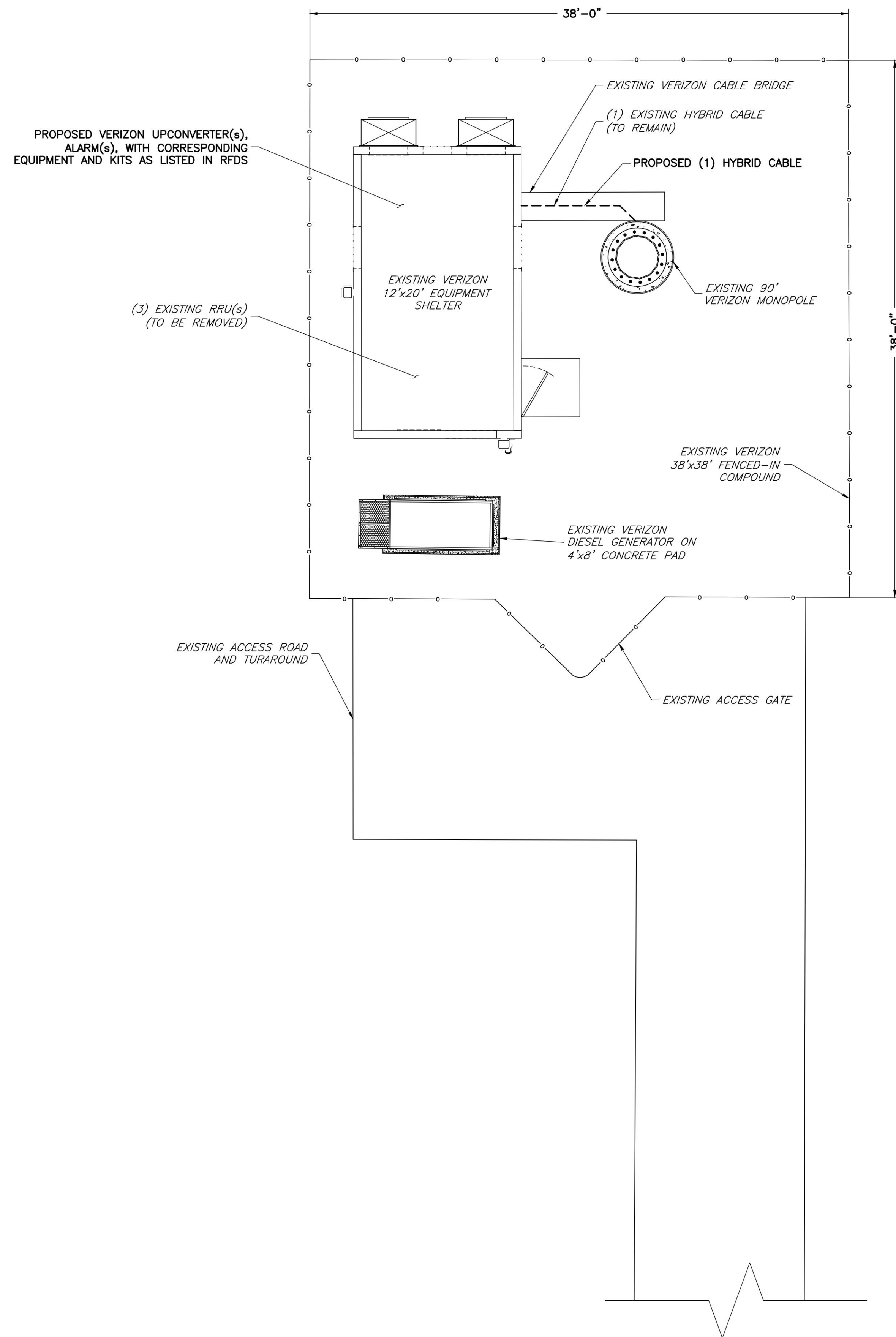
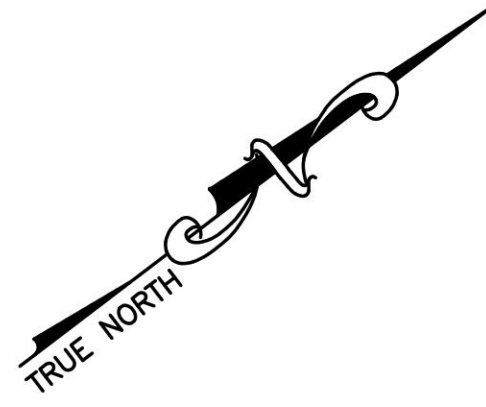
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SHEET TITLE

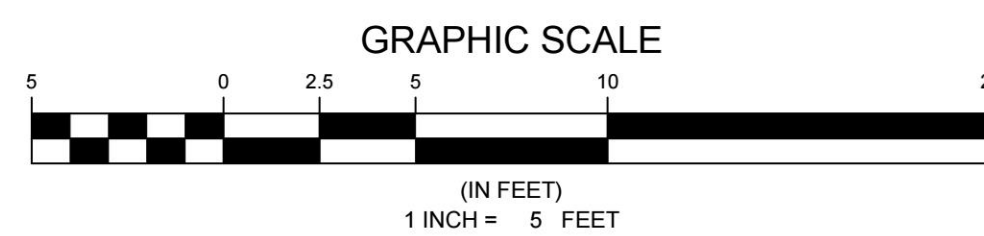
SITE PLAN

SHEET NUMBER

Z-1



1 COMPOUND PLAN
C-1 SCALE: 1" = 5'



ENGINEER

NB+C
TOTALLY COMMITTED.

NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
804-548-4072

APPLICANT

verizon

1831 RADY COURT
RICHMOND, VA 23222

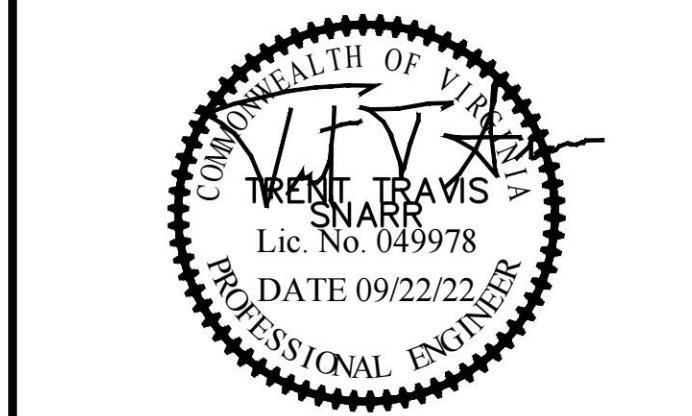
SITE INFORMATION

PIEDMONT COLLEGE
5G L-SUB6 - CARRIER ADD
NB+C PROJ. #100352
1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902
ALBEMARLE COUNTY

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PROFESSIONAL STAMP



ENGINEER

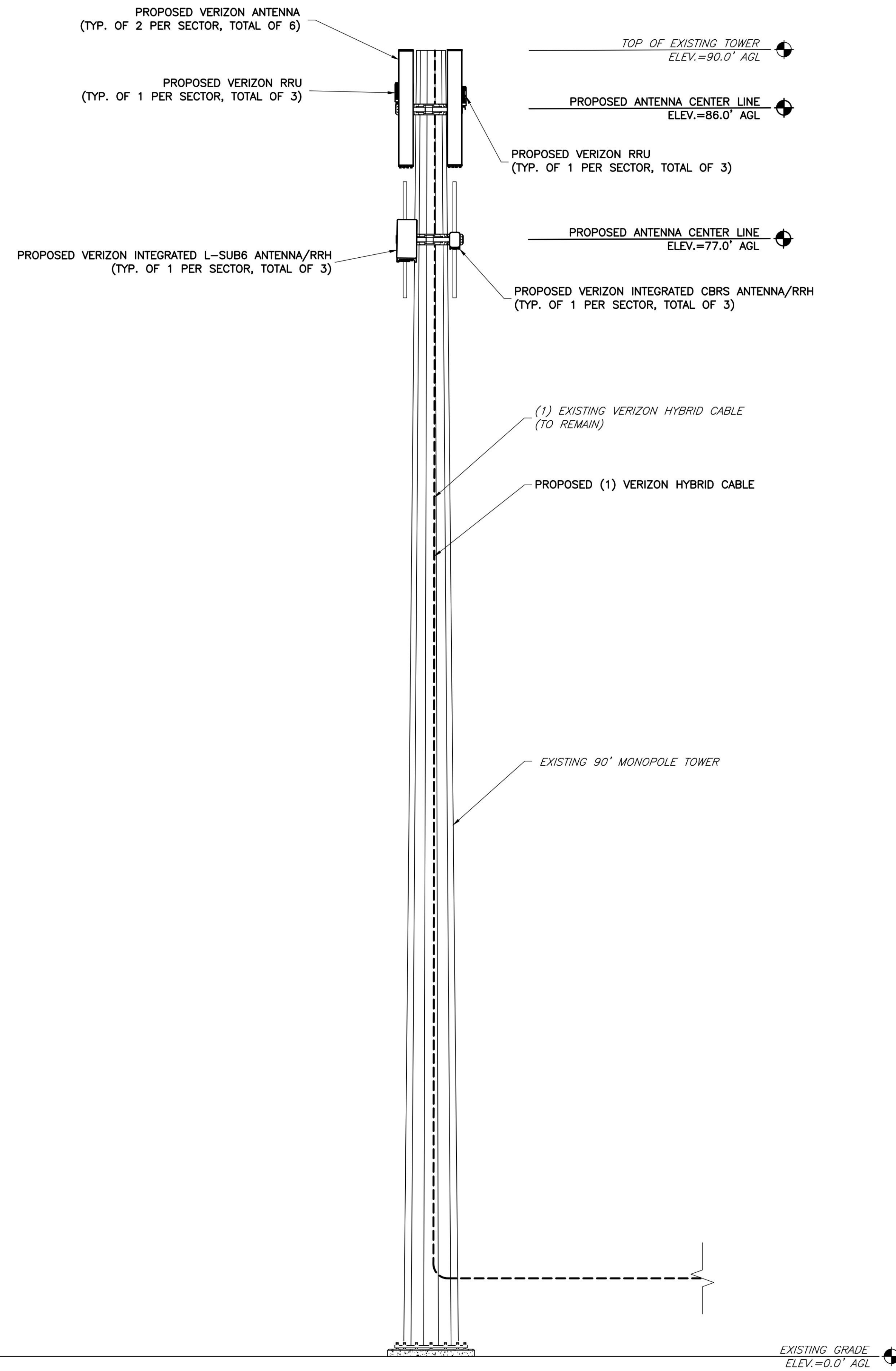
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COMPOUND PLAN

SHEET NUMBER

C-1

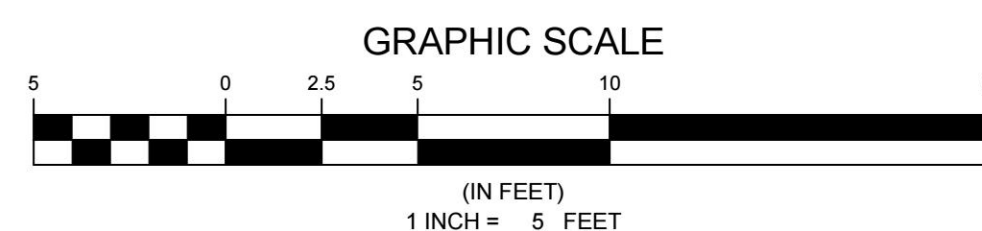
STRUCTURAL NOTE:
 THE PE STRUCTURAL ANALYSIS OF THE EXISTING STRUCTURE WITH THE EXISTING & PROPOSED LOADS WAS PERFORMED BY NETWORK BUILDING + CONSULTING, ENGINEERING SERVICES, DATED 08/02/2022, PROJECT# 100352.



GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITIES COMPANY OR OTHER PUBLIC AUTHORITIES.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK. MINOR OMISSIONS OR ERRORS IN THE BID DOCUMENTS SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR THE OVERALL INTENT OF THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED AS A RESULT OF CONSTRUCTION OF THIS FACILITY.
5. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING A BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
7. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTH WITH RF ENGINEERING PRIOR TO INSTALLATION.
8. TRANSMITTER EQUIPMENT AND ANTENNAS ARE DESIGNED TO MEET ANSI/TIA 222-G REQUIREMENTS.
9. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
10. CONTRACTOR SHALL MAKE A UTILITY "ONE CALL" TO LOCATE ALL UTILITIES PRIOR TO EXCAVATING.
11. IF ANY UNDERGROUND UTILITIES OR STRUCTURES EXIST BENEATH THE PROJECT AREA, CONTRACTOR MUST LOCATE IT AND CONTACT THE APPLICANT & THE OWNER'S REPRESENTATIVE.
12. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY 2 TIMES PER MONTH.
13. PRIOR TO THE INSTALLATION OF THE PROPOSED EQUIPMENT OR MODIFICATION OF THE EXISTING STRUCTURE, A STRUCTURAL ANALYSIS SHALL BE PERFORMED BY THE OWNER'S AGENT TO CERTIFY THAT THE EXISTING/PROPOSED COMMUNICATION STRUCTURE AND COMPONENTS ARE STRUCTURALLY ADEQUATE TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, COAXIAL CABLES AND OTHER APPURTENANCES.
14. PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY.
15. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
16. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORMWATER RUNOFF. THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
17. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
18. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED).
19. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
20. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.

1 ELEVATION
 C-2 SCALE: 1" = 5'-0"



ENGINEER



NB+C ENGINEERING SERVICES, LLC.
 120 EASTSHORE DRIVE, SUITE 300
 GLEN ALLEN, VA 23069
 804-548-4079

APPLICANT



1831 RADY COURT
 RICHMOND, VA 23222

SITE INFORMATION

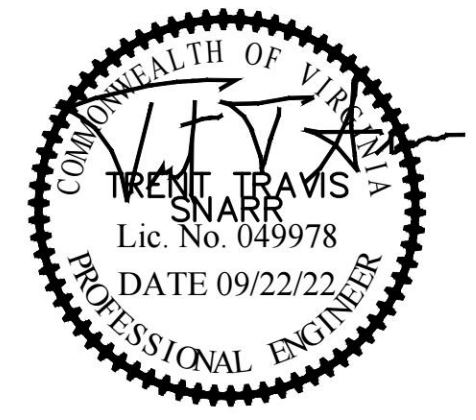
PIEDMONT COLLEGE
 5G L-SUB6 - CARRIER ADD
 NB+C PROJ. #100352
 1804 MONTICELLO AVENUE
 CHARLOTTESVILLE, VA 22902
 ALBEMARLE COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	09/22/22	FINAL ZDs	AMT
0	08/08/22	PRELIMINARY ZDs	AMT

PROFESSIONAL STAMP



ENGINEER

SHEET TITLE

ELEVATION

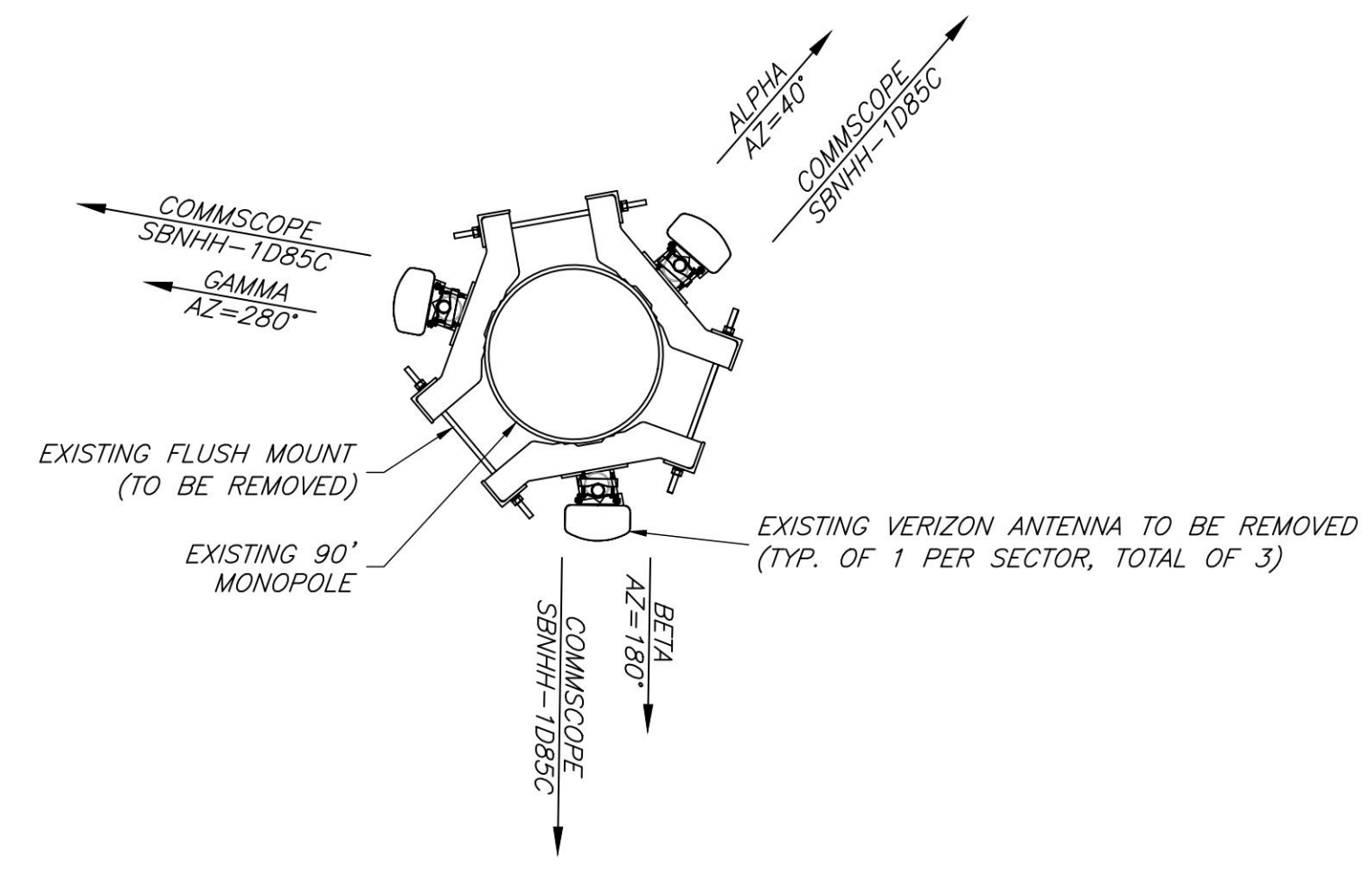
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C-2

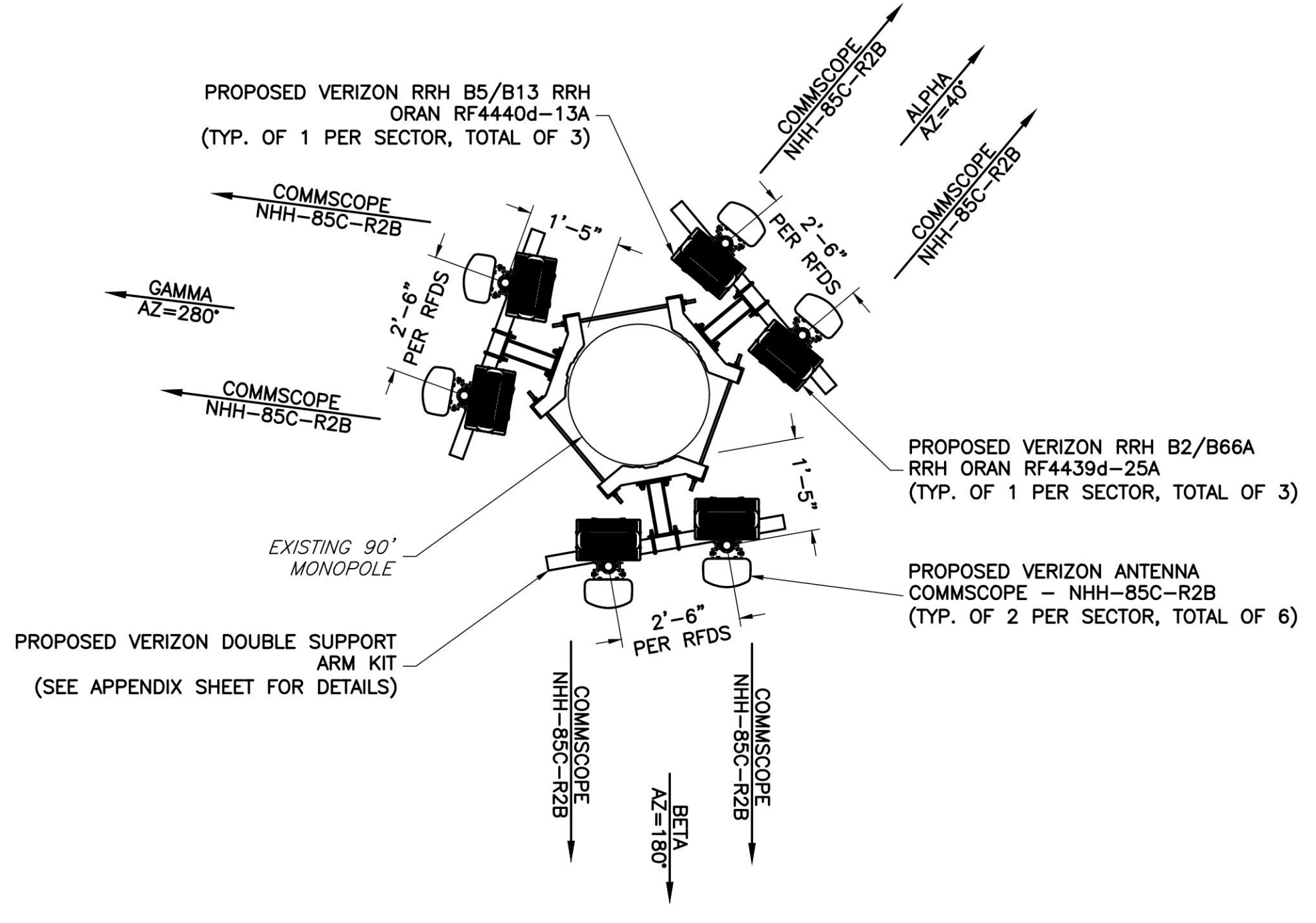
STRUCTURAL NOTE:
 THE PE STRUCTURAL ANALYSIS OF THE EXISTING STRUCTURE WITH THE EXISTING & PROPOSED LOADS WAS PERFORMED BY NETWORK BUILDING + CONSULTING, ENGINEERING SERVICES, DATED 08/02/2022, PROJECT# 100352.

ANTENNA INFORMATION CHART (86' RAD CENTER)								
SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	RAD CENTER	AZIMUTH	MECHANICAL DOWN TILT	ELECTRICAL DOWN TILT	RRH QUANTITY & MODEL
A1	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	40°	0°	SEE RFDS	(1) SAMSUNG B2/B66A RRH ORAN (RF4439d-25A)
A2	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	40°	0°	SEE RFDS	(1) SAMSUNG B5/B13 RRH ORAN RF4440d-13A
B1	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	180°	0°	SEE RFDS	(1) SAMSUNG B2/B66A RRH ORAN (RF4439d-25A)
B2	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	180°	0°	SEE RFDS	(1) SAMSUNG B5/B13 RRH ORAN RF4440d-13A
C1	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	280°	0°	SEE RFDS	(1) SAMSUNG B2/B66A RRH ORAN (RF4439d-25A)
C2	PROPOSED	COMMSCOPE	NHH-85C-R2B	86'	280°	0°	SEE RFDS	(1) SAMSUNG B5/B13 RRH ORAN RF4440d-13A

- NOTES:
 1. CONTRACTOR TO VERIFY PROPOSED ANTENNA INFORMATION IS THE MOST CURRENT DATA AT TIME OF CONSTRUCTION.
 2. CONTRACTOR TO CONFIRM CABLE LENGTHS PRIOR TO CONSTRUCTION.
 3. CONTRACTOR TO VERIFY ALL PROPOSED AND EXISTING ANTENNA AND CABLES WERE CONSIDERED AND PASSED A STRUCTURAL ANALYSIS PERFORMED BY A LICENSED ENGINEER PRIOR TO INSTALLATION.



1
A-1
EXISTING ANTENNA ORIENTATION PLAN @ 86' RAD CENTER
NTS



2
A-1
PROPOSED ANTENNA ORIENTATION PLAN @ 86' RAD CENTER
NTS



ENGINEER



APPLICANT



SITE INFORMATION

PIEDMONT COLLEGE
 5G L-SUB6 - CARRIER ADD
 NB+C PROJ. #100352
 1804 MONTICELLO AVENUE
 CHARLOTTESVILLE, VA 22902
 ALBEMARLE COUNTY

DESIGN RECORD

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PROFESSIONAL STAMP



ENGINEER

SHEET TITLE

EQUIPMENT SCHEDULE I

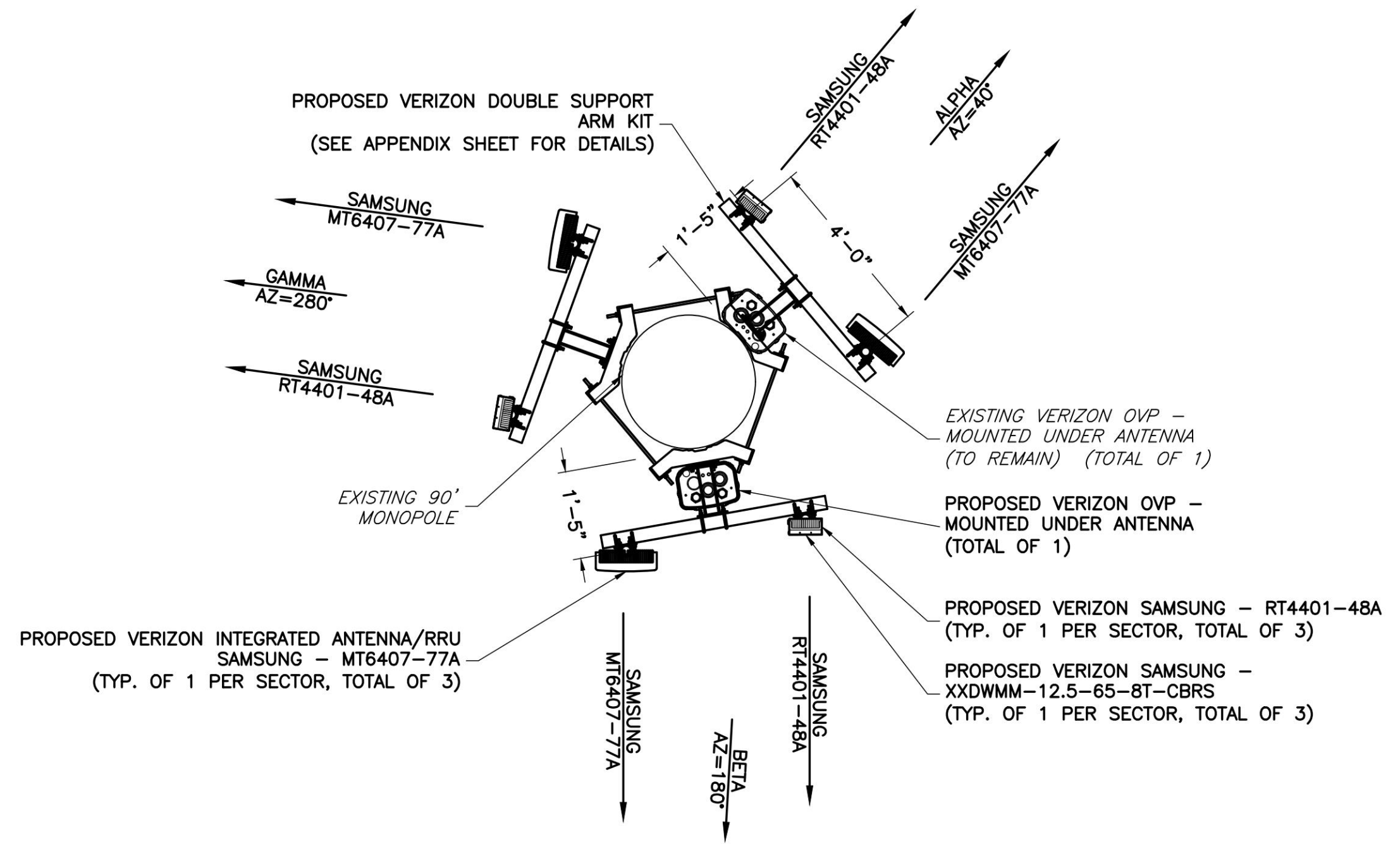
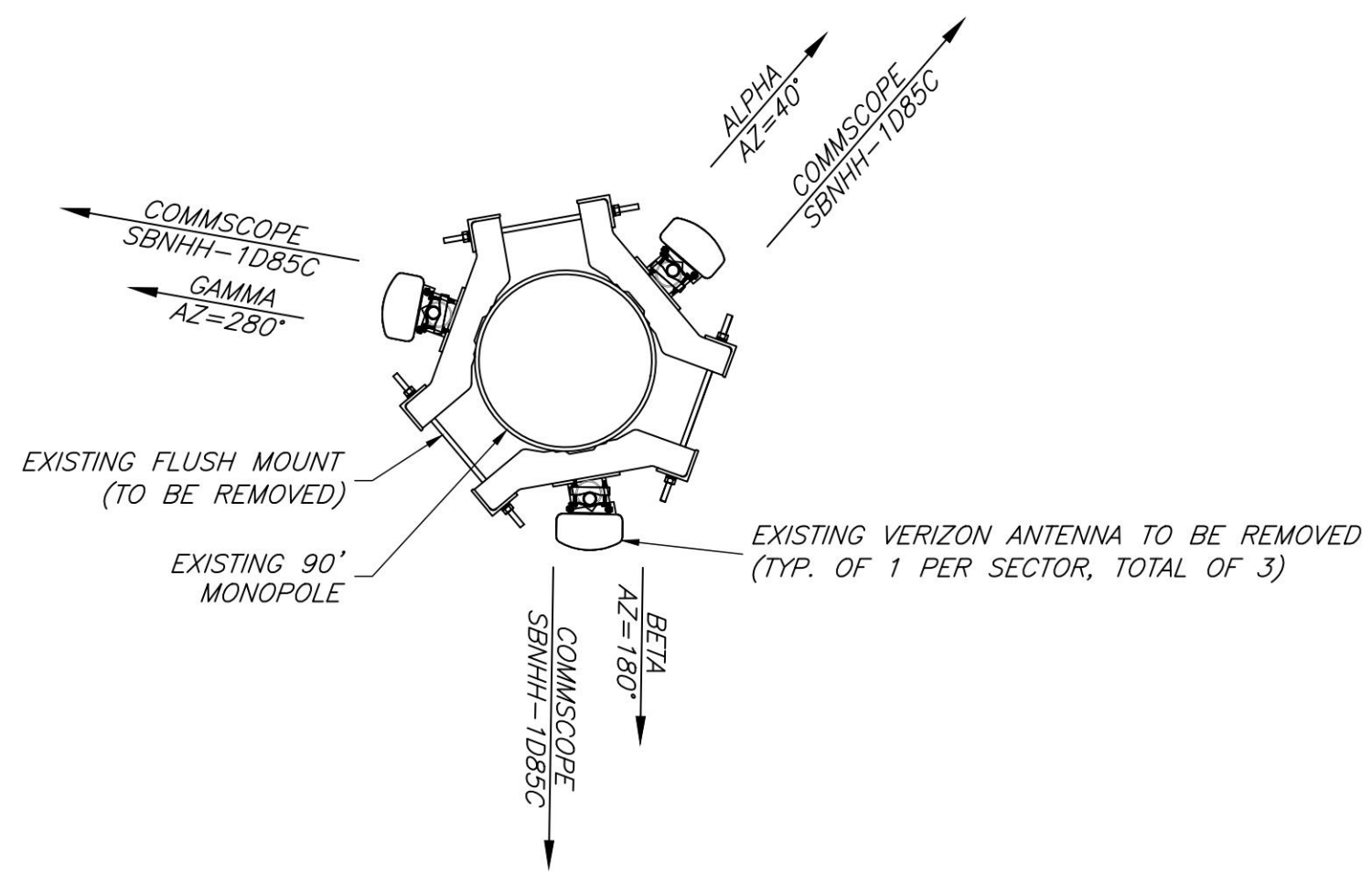
SHEET NUMBER

A-1

STRUCTURAL NOTE:
 THE PE STRUCTURAL ANALYSIS OF THE EXISTING STRUCTURE WITH THE EXISTING & PROPOSED LOADS WAS PERFORMED BY NETWORK BUILDING + CONSULTING, ENGINEERING SERVICES, DATED 08/02/2022, PROJECT# 100352.

ANTENNA INFORMATION CHART (77' RAD CENTER)								
SECTOR	STATUS	ANTENNA MANUFACTURER	ANTENNA MODEL	RAD CENTER	AZIMUTH	MECHANICAL DOWN TILT	ELECTRICAL DOWN TILT	RRH QUANTITY & MODEL
A1	PROPOSED	SAMSUNG	XXDWMM-12.5-65-BT-CBRS	77'	40°	0°	SEE RFDS	(1) SAMSUNG CBRS RRH RT-4401-48A
A2	PROPOSED	SAMSUNG	INTEGRATED ANTENNA W/ RRH	77'	40°	0°	SEE RFDS	(1) SAMSUNG MT6407-77A
B1	PROPOSED	SAMSUNG	XXDWMM-12.5-65-BT-CBRS	77'	180°	0°	SEE RFDS	(1) SAMSUNG CBRS RRH RT-4401-48A
B2	PROPOSED	SAMSUNG	INTEGRATED ANTENNA W/ RRH	77'	180°	0°	SEE RFDS	(1) SAMSUNG MT6407-77A
C1	PROPOSED	SAMSUNG	XXDWMM-12.5-65-BT-CBRS	77'	280°	0°	SEE RFDS	(1) SAMSUNG CBRS RRH RT-4401-48A
C2	PROPOSED	SAMSUNG	INTEGRATED ANTENNA W/ RRH	77'	280°	0°	SEE RFDS	(1) SAMSUNG MT6407-77A

NOTES:
 1. CONTRACTOR TO VERIFY PROPOSED ANTENNA INFORMATION IS THE MOST CURRENT DATA AT TIME OF CONSTRUCTION.
 2. CONTRACTOR TO CONFIRM CABLE LENGTHS PRIOR TO CONSTRUCTION.
 3. CONTRACTOR TO VERIFY ALL PROPOSED AND EXISTING ANTENNA AND CABLES WERE CONSIDERED AND PASSED A STRUCTURAL ANALYSIS PERFORMED BY A LICENSED ENGINEER PRIOR TO INSTALLATION.



1 EXISTING ANTENNA ORIENTATION PLAN @ 77' RAD CENTER
 A-2 NTS



2 PROPOSED ANTENNA ORIENTATION PLAN @ 77' RAD CENTER
 A-2 NTS



ENGINEER

NB+C
 TOTALLY COMMITTED.
 NB+C ENGINEERING SERVICES, LLC.
 120 EASTSHORE DRIVE, SUITE 300
 GLEN ALLEN, VA 23069
 804-548-4079

APPLICANT

verizon
 1831 RADY COURT
 RICHMOND, VA 23222

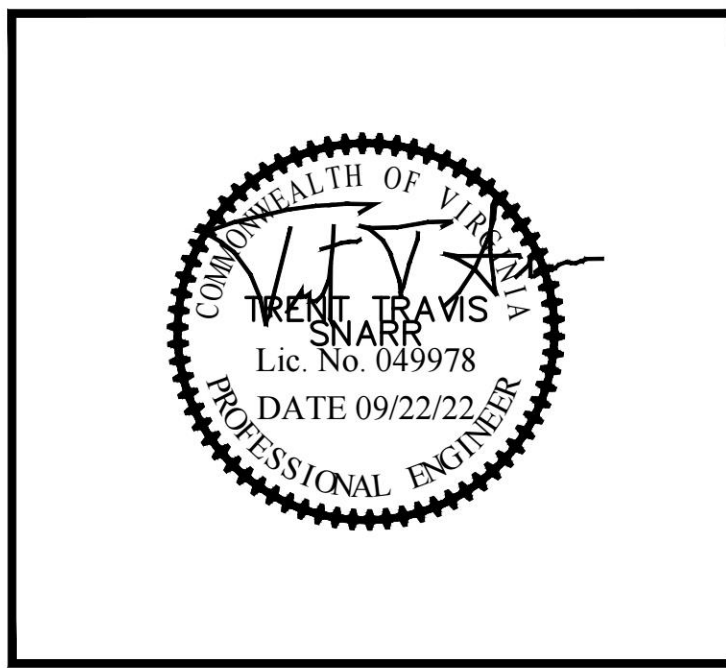
SITE INFORMATION

PIEDMONT COLLEGE
 5G L-SUB6 - CARRIER ADD
 NB+C PROJ. #100352
 1804 MONTICELLO AVENUE
 CHARLOTTESVILLE, VA 22902
 ALBEMARLE COUNTY

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PROFESSIONAL STAMP



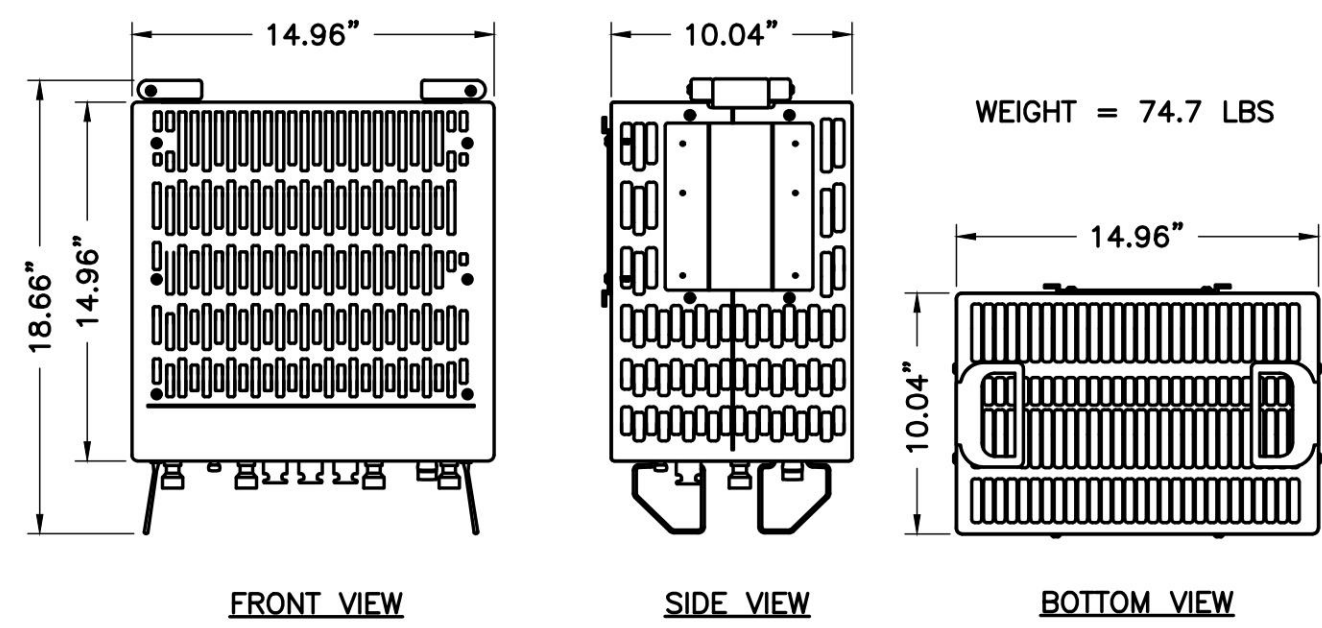
ENGINEER

SHEET TITLE

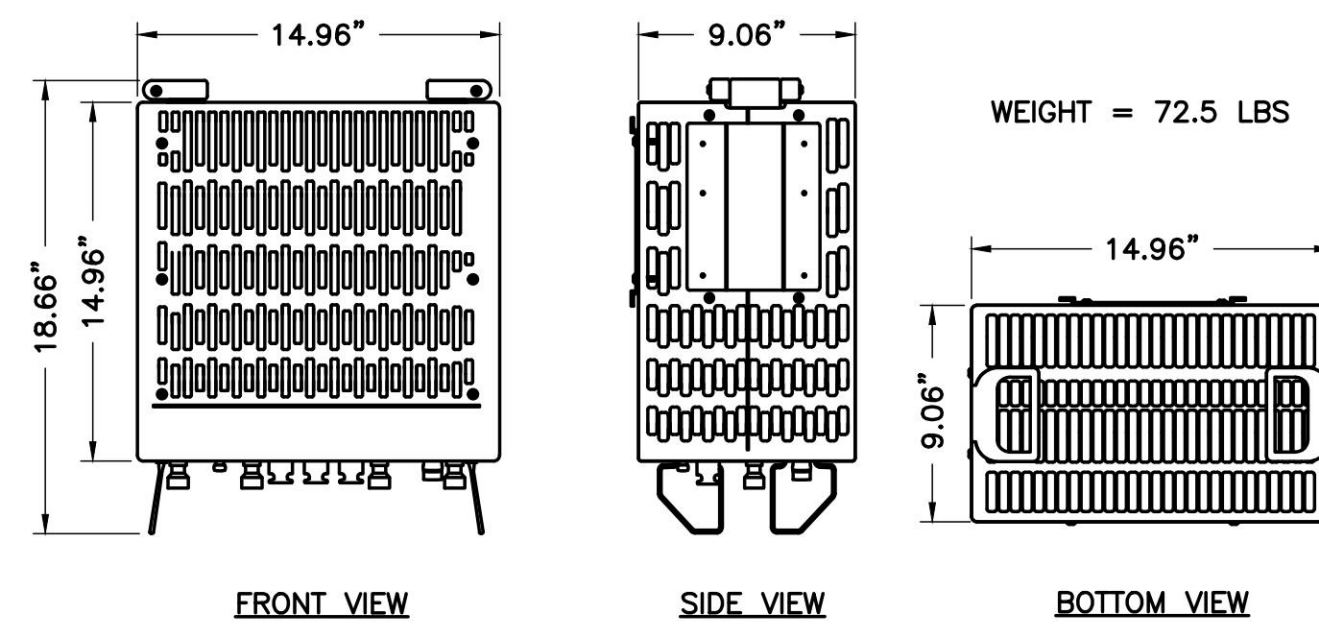
EQUIPMENT SCHEDULE II

SHEET NUMBER

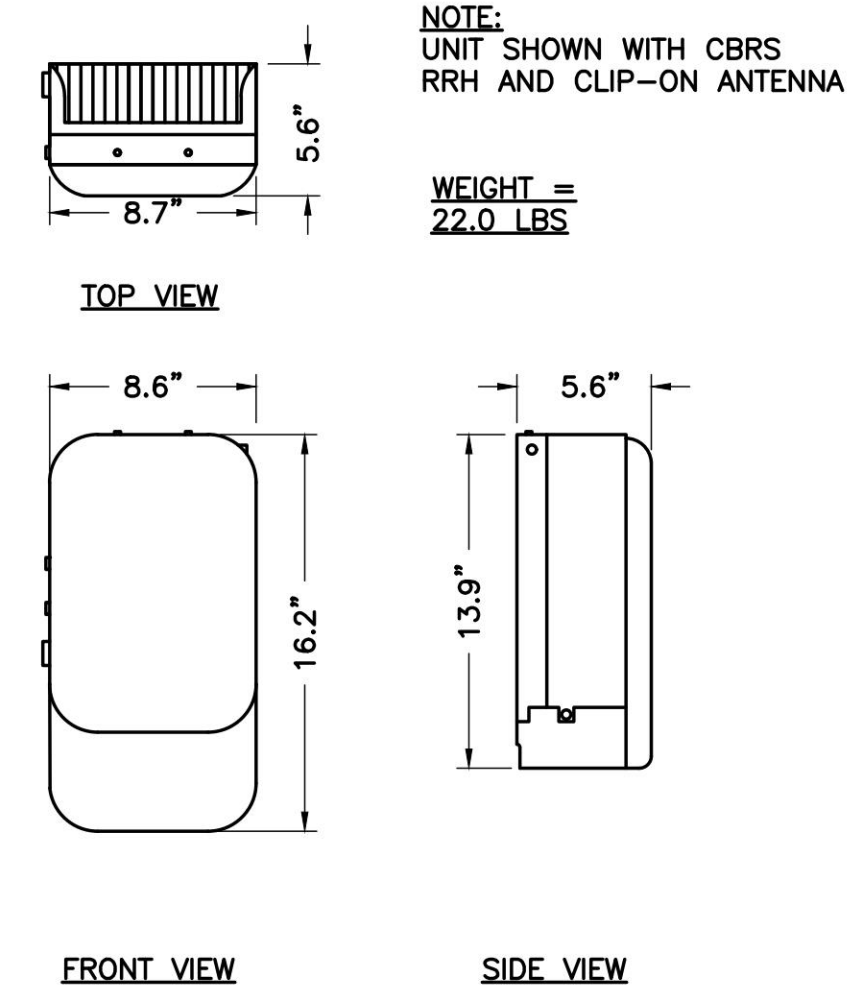
A-2



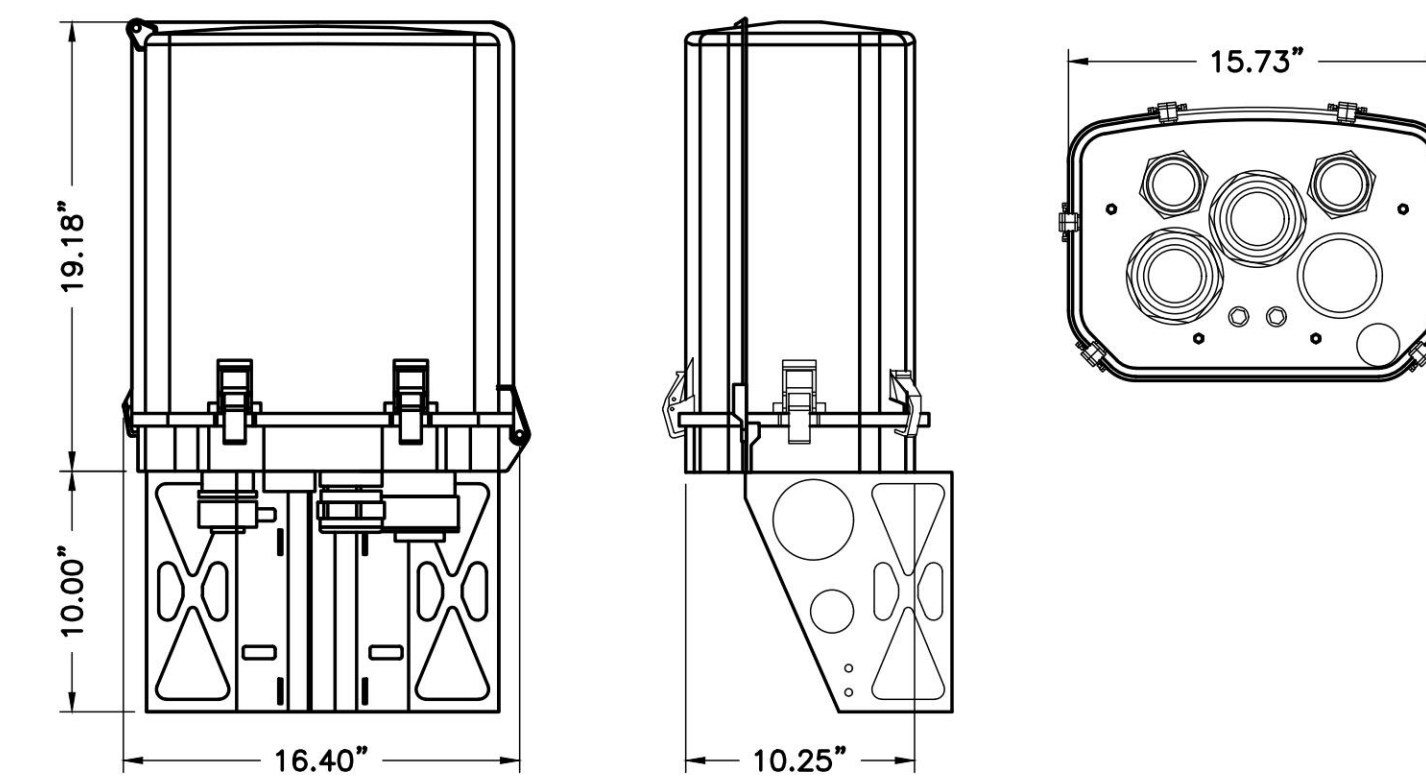
1 SAMSUNG B2/B66A RRH ORAN RF4439d-25A
A-3 NTS



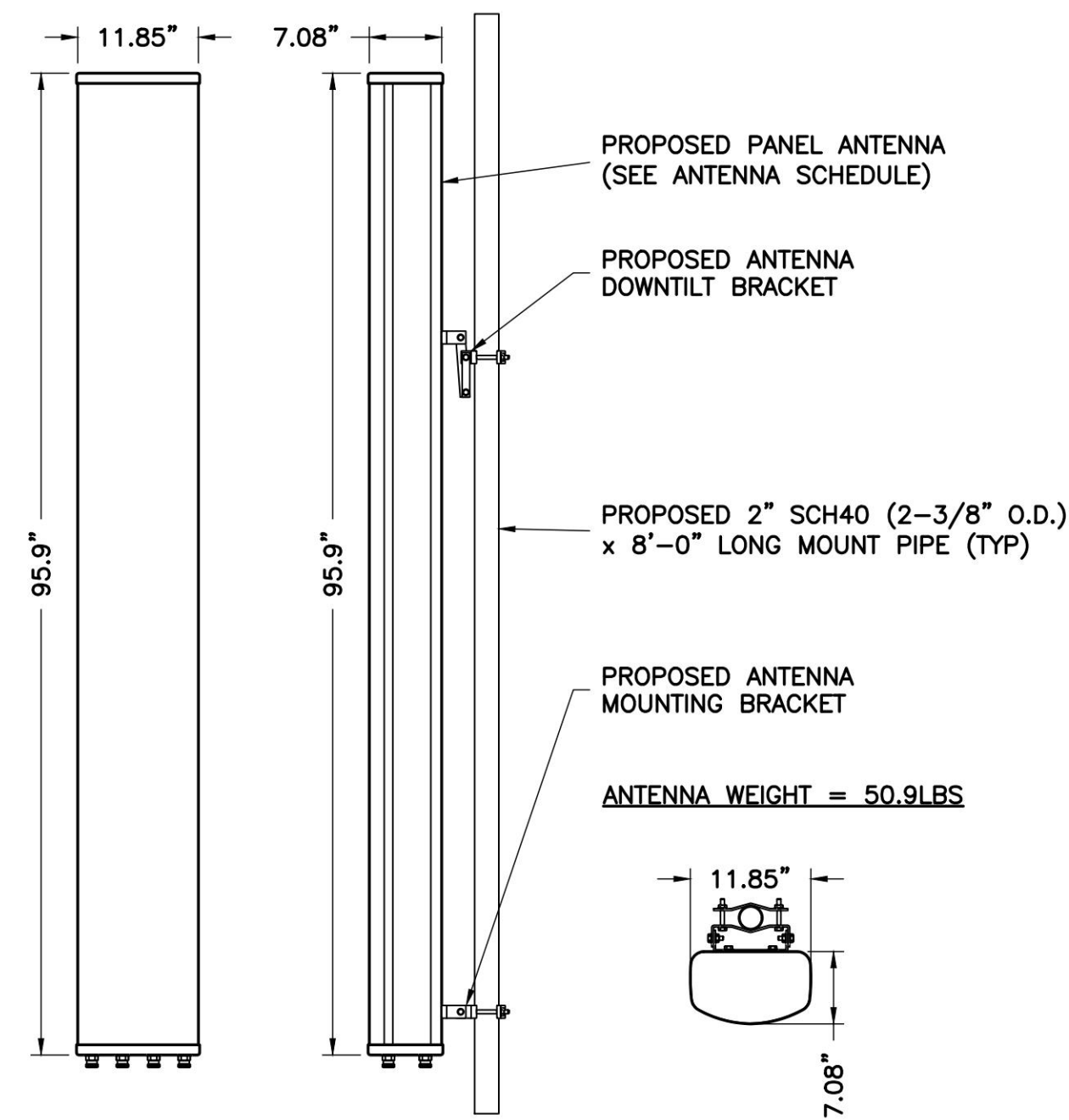
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A-3 NTS



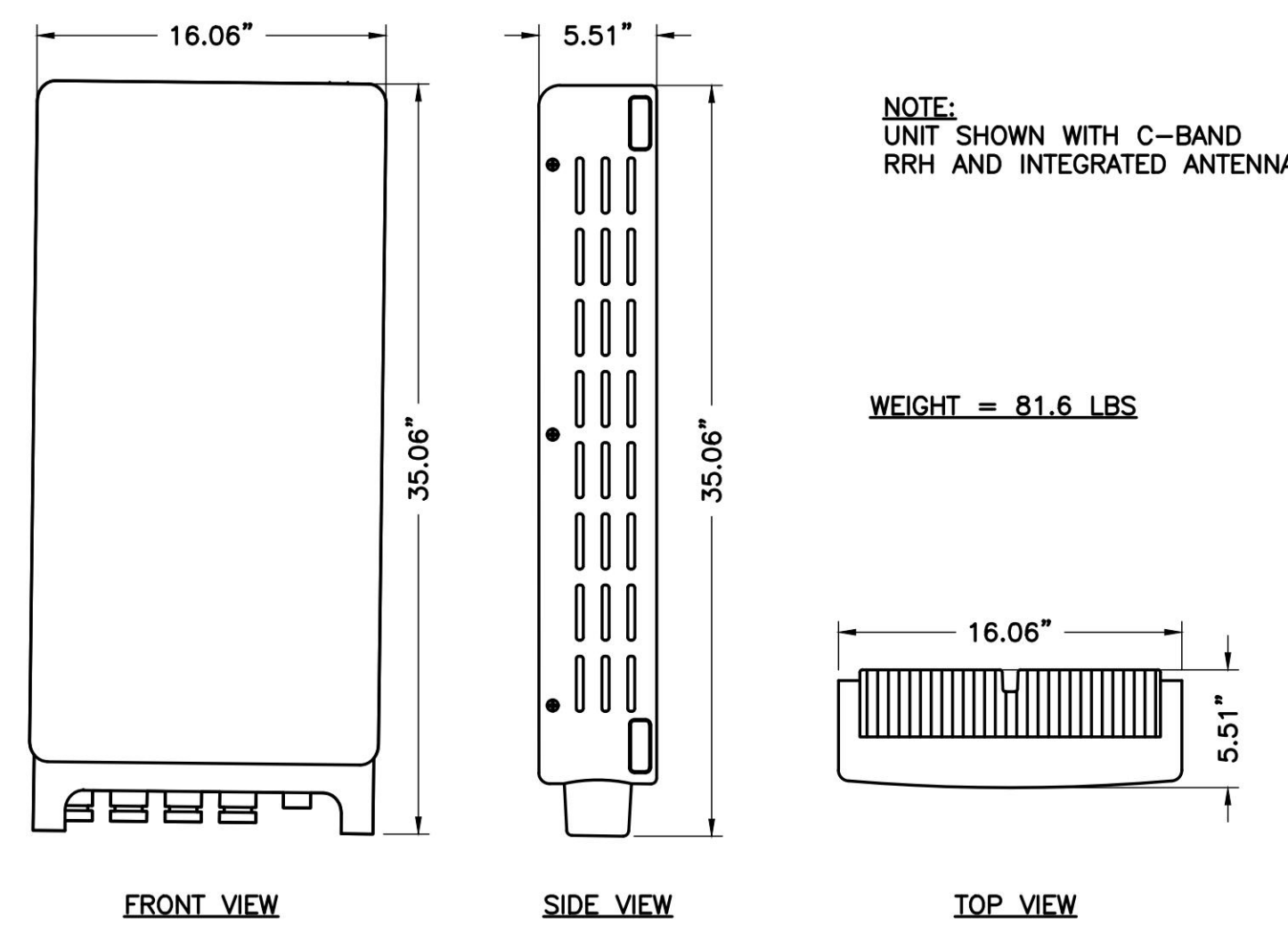
3 SAMSUNG CBRS RRH & ANTENNA
A-3 NTS



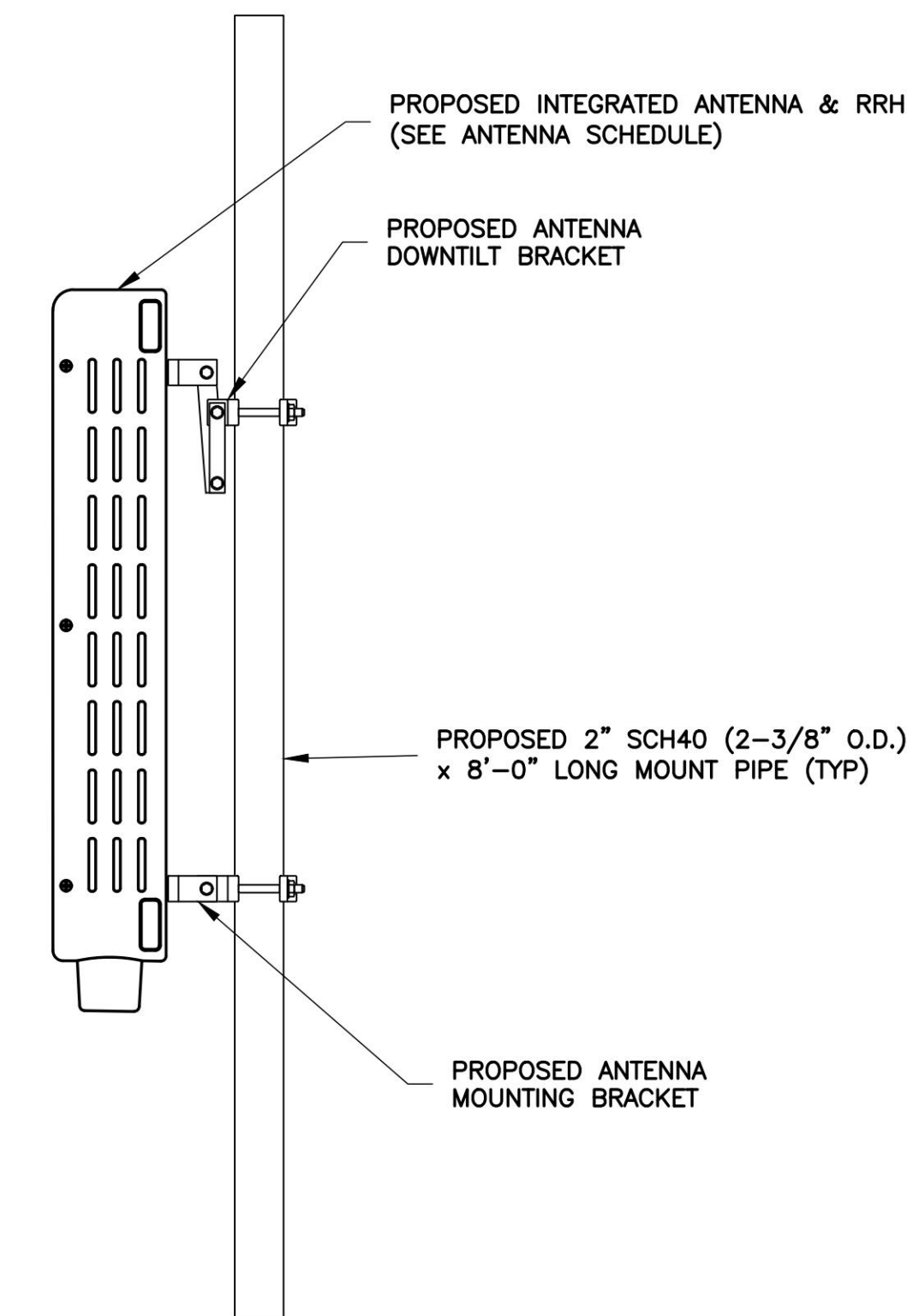
4 RAYCAP OVP BOX #RHSDC-3315-PF-48
A-3 NTS



5 COMMSCOPE NHH-85C-R2B
A-3 NTS



6 SAMSUNG MT6407-77A RRH & ANTENNA
A-3 NTS



7 ANTENNA MOUNTING DETAIL
A-3 NTS

ENGINEER

NB+C
TOTALLY COMMITTED.

NB+C ENGINEERING SERVICES, LLC.
120 EASTSHORE DRIVE, SUITE 300
GLEN ALLEN, VA 23059
804-548-4072

APPLICANT

verizon

1831 RADY COURT
RICHMOND, VA 23222

SITE INFORMATION

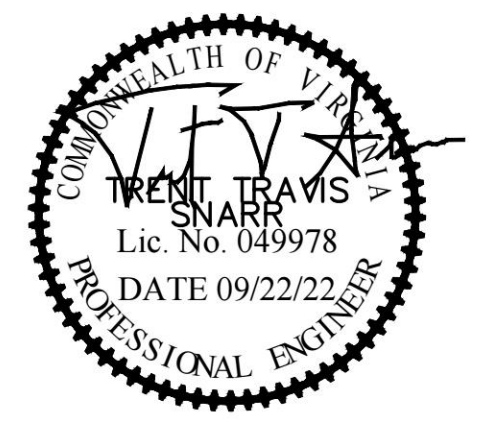
PIEDMONT COLLEGE
5G L-SUB6 - CARRIER ADD
NB+C PROJ. #100352
1804 MONTICELLO AVENUE
CHARLOTTESVILLE, VA 22902
ALBEMARLE COUNTY

DESIGN RECORD

REVISIONS

REV	DATE	DESCRIPTION	BY
1	09/22/22	FINAL ZDs	AMT
0	08/08/22	PRELIMINARY ZDs	AMT

PROFESSIONAL STAMP



ENGINEER

SHEET TITLE

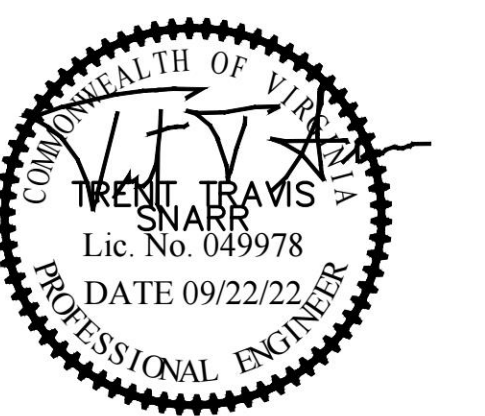
EQUIPMENT
DETAILS

SHEET NUMBER

A-3

REVISIONS

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1	09/22/22	FINAL ZDs	AMT
0	08/08/22	PRELIMINARY ZDs	AMT



ENGINEER

APPLICANT

SITE INFORMATION

DESIGN RECORD

PROFESSIONAL STAMP

ENGINEER

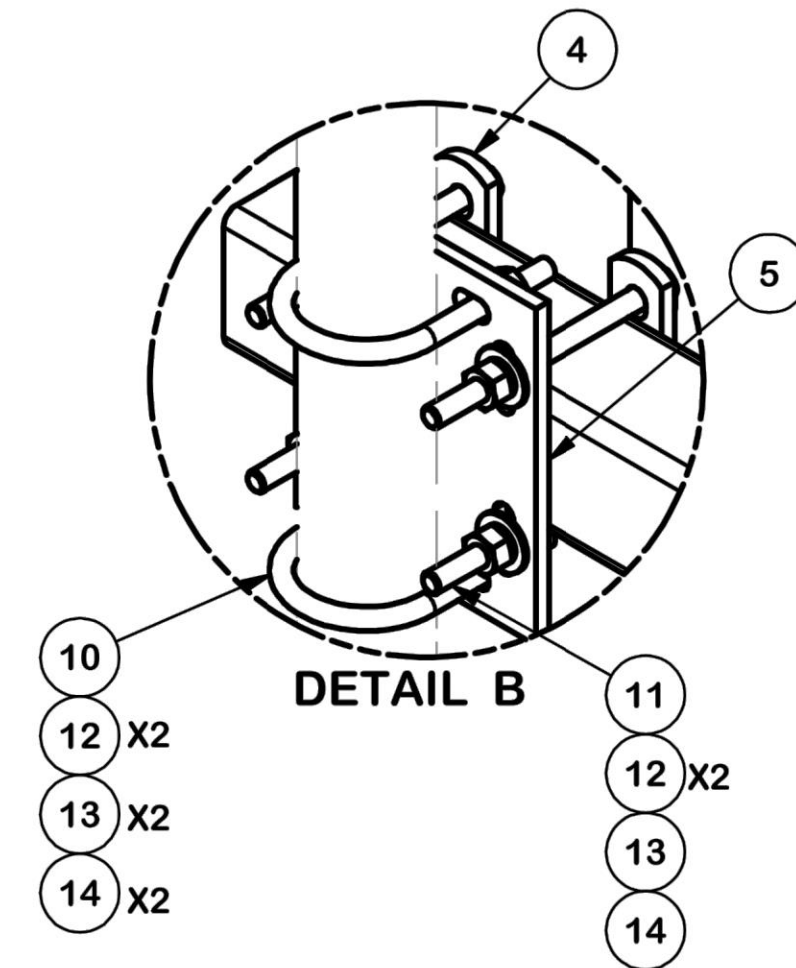
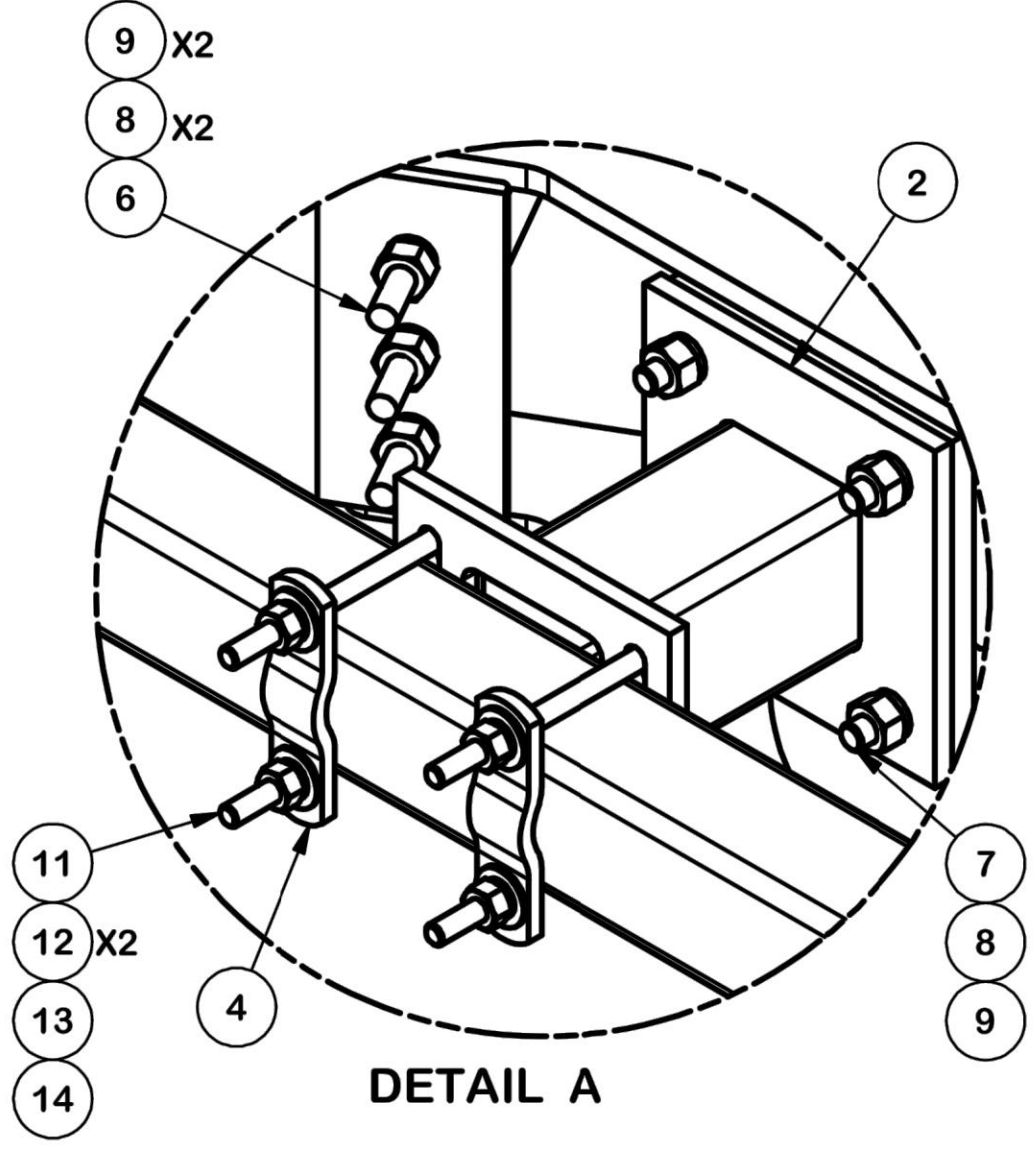
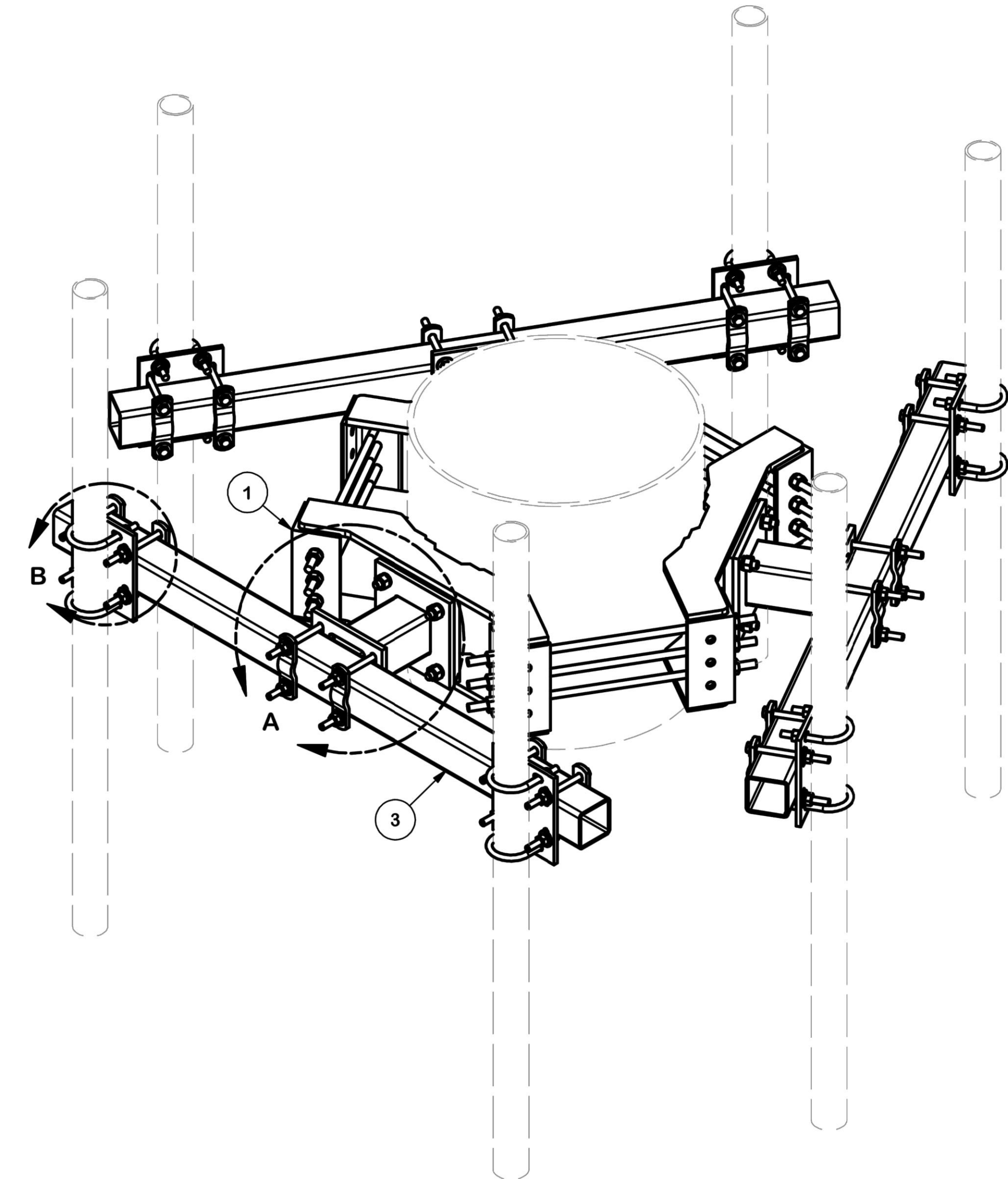
SHEET TITLE

SHEET NUMBER

MOUNT SPECIFICATION SHEET I

A-4

PARTS LIST						
ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	3	X-LWRM	RING MOUNT WELDMENT		68.81	206.42
2	3	X-WWM01	8" STAND-OFF ARM / WALL MOUNT		18.12	54.37
3	3	SQ360	3 1/2" X 60" SQUARE TUBE	60 in	43.23	129.70
4	18	X-100064	CLAMP (4" V-CLAMP) GALVANIZED		0.91	16.43
5	6	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	36.13
6	9	G58R-14	5/8" x 14" THREADED ROD (HDG.)		0.40	3.59
6	9	G58R-24	5/8" x 24" THREADED ROD (HDG.)	24 in	0.40	3.59
7	12	A582112	5/8" x 2-1/2" HDG A325 HEX BOLT	2 1/2 in	0.33	4.01
8	30	G58LW	5/8" HDG LOCKWASHER		0.03	0.78
9	30	A58NUT	5/8" HDG A325 HEX NUT		0.13	3.90
10	12	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.70	8.36
10	12	X-UB1212	1/2" X 2-1/2" X 4-1/2" X 2" U-BOLT (HDG.)		0.63	7.50
11	36	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	6 1/2 in	0.41	14.74
12	96	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	3.27
13	60	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	0.83
14	60	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	4.30
TOTAL WT. #						520.55



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 ($\pm 0.060"$)

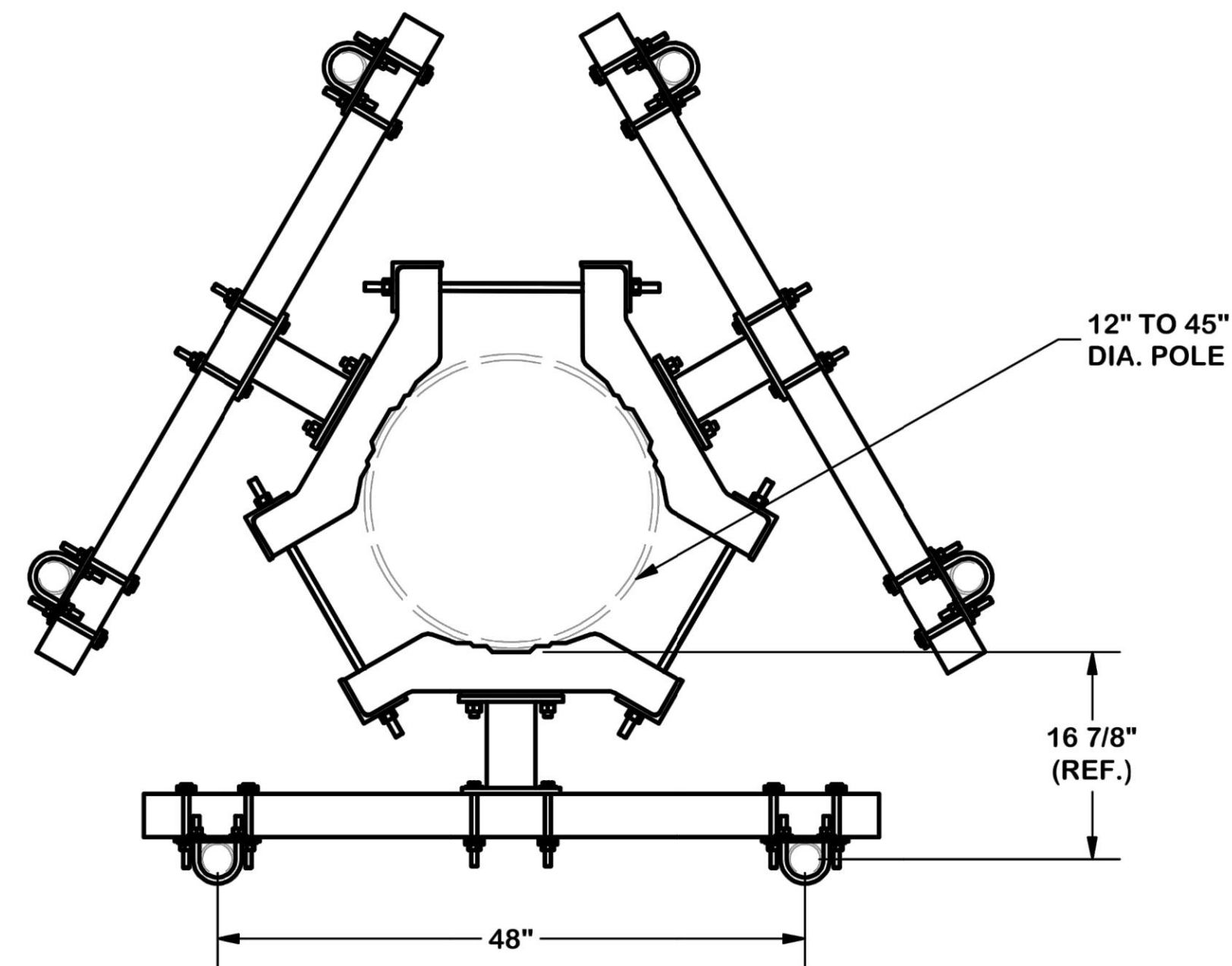
PROPRIETARY NOTE:
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DESCRIPTION
MONOPOLE DOUBLE SUPPORT ARM KIT

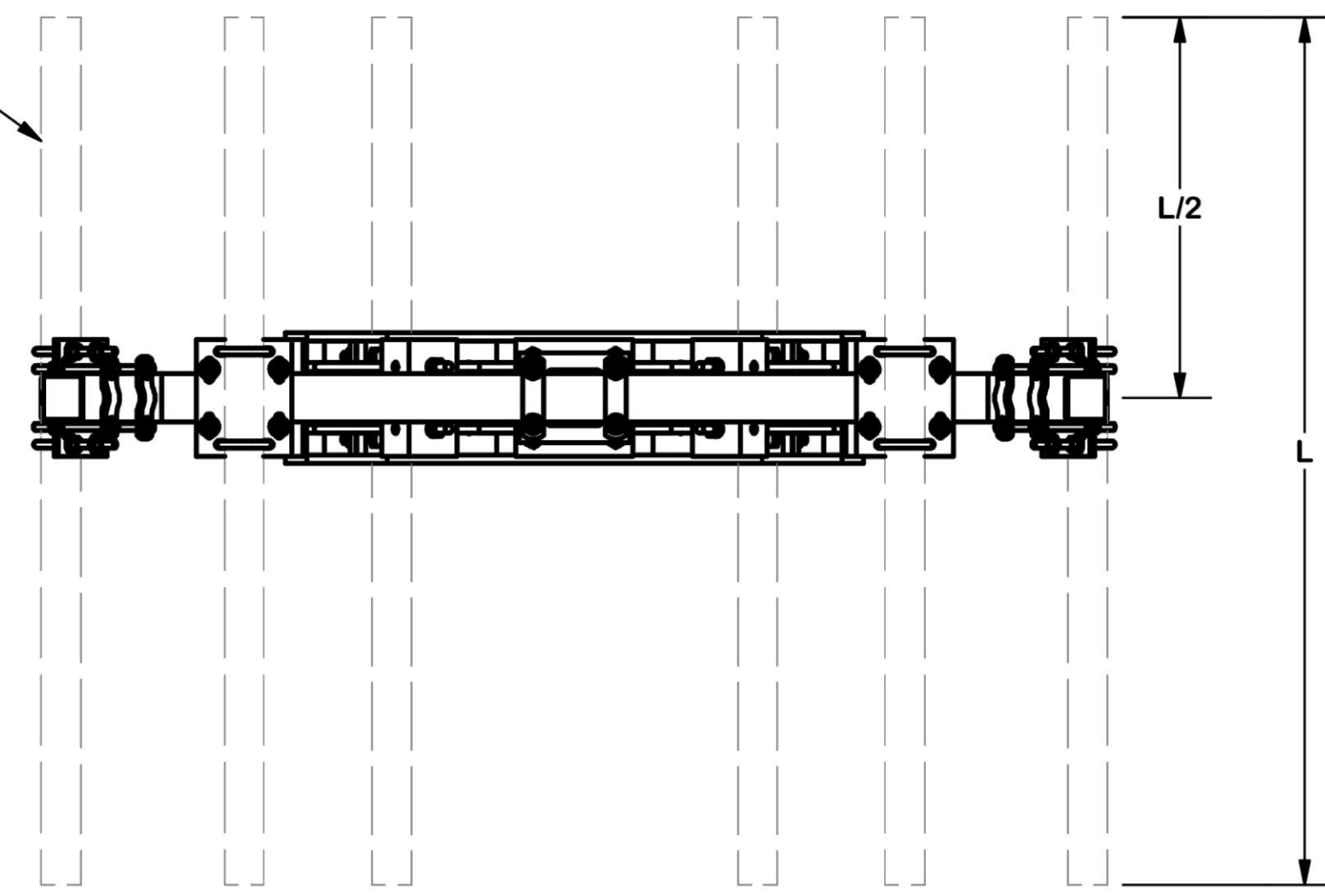
SITE PRO 1
Engineering Support Team:
1-888-753-7446
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX

CPD NO.	DRAWN BY CEK 4/28/2017	ENG. APPROVAL
CLASS 81	SUB 01	DRAWING USAGE CUSTOMER
	CHECKED BY BMC 5/12/2017	

PART NO. RDS-SQNP	PAGE 1 OF 2
DWG. NO. RDS-SQNP	



2-3/8" TO 2-7/8" O.D.
ANTENNA PIPE
(ORDER SEPARATELY)



TOLERANCE NOTES

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DESCRIPTION
**MONOPOLE
 DOUBLE SUPPORT
 ARM KIT**

SITE PRO 1
 A valmont COMPANY
 Engineering Support Team:
 1-888-753-7446
 Locations:
 New York, NY
 Atlanta, GA
 Los Angeles, CA
 Plymouth, IN
 Salem, OR
 Dallas, TX

CPD NO.	DRAWN BY CEK	ENG. APPROVAL
CLASS 81	DRAWING USAGE CUSTOMER	CHECKED BY BMC
SUB 01		DATE 5/12/2017

PART NO. RDS-SQNP	PAGE 2 OF 2
DWG. NO. RDS-SQNP	

ENGINEER

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APPLICANT

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 1831 RADY COURT
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PROFESSIONAL STAMP



ENGINEER

SHEET TITLE

**MOUNT
 SPECIFICATION
 SHEET II**

SHEET NUMBER

A-5