



Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

DLIP 2018 AUG 31 AM 9:57

Date Received: _____

Permit No.: 818003152

Building Address: 3075 Route 32
 City: West Friendship State: MD Zip Code: 21794
 Suite/Apt. #: _____ SDP/WP/BA #: WP-16-060
 Census Tract: 6030 Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: 15 Parcel: 36 Grid: 22
 Zoning: RR-DEO Map Coordinates: _____ Lot Size: 23.66 ac.

Property Owner's Name: Fred J. Garcia, Jr.
 Address: 3045 Route 32
 City: West Friendship State: MD Zip Code: 21794
 Phone: _____ Fax: _____
 Email: _____

Applicant's Name & Mailing Address, (If other than stated herein)
 Applicant's Name: Vertical Bridge Dev. II, LLC
 Address: 750 Park of Commerce Dr., Suite 200
 City: Boynton State: FL Zip Code: 33487
 Phone: 978-678-1922 Fax: _____
 Email: fgarcia@verticalbridge.com

Existing Use: Vacant
 Proposed Use: Telecommunication Facility
 Estimated Construction Cost: \$375,000
 Description of Work: Install 150' monopole, gravel driveway extension, equipment compound and landscaping.
 Occupant or Tenant: Vertical Bridge / Verizon Wireless
 Was tenant space previously occupied? Yes No
 Contact Name: Network Building & Consulting, LLC
 Address: 6095 Marshalee Dr., Suite 300
 City: Elkridge State: MD Zip Code: 21075
 Phone: _____ Fax: 410-712-4056
 Email: _____

Contractor Company: TEB
 Contact Person: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 License No.: _____
 Phone: _____ Fax: _____
 Email: _____

Engineer/Architect Company: Infingy
 Responsible Design Prof.: Christopher Wynn
 Address: 2255 Small Mill Rd.
 City: Maryetta State: GA Zip Code: 30062
 Phone: 678-444-4463 Fax: _____
 Email: charles@infingy.com

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 st floor:	
	2 nd floor:	
Area of construction (sq. ft.):	Basement:	
	<input type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input checked="" type="checkbox"/> Structural Steel	Multi-family Dwelling	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Heating System	
<input type="checkbox"/> Electric	<input type="checkbox"/> Oil
<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane Gas
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: _____ Print Name: _____
 Email Address: _____ Date: _____
 Title/Company: _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL	DPZ SETBACK INFORMATION	Filing Fee	\$
State Highways			Front:	Permit Fee	\$ 100
Building Officials			Rear:	Tech Fee	\$ 10
PSZA (Zoning)			Side:	Excise Tax	\$
PSZA (Engineering)			Side St.:	PSFS	\$
Health	9/28/18	H. Oswald	All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No	Guaranty Fund	\$
Is Sediment Control approval required for issuance? <input type="checkbox"/> Yes <input type="checkbox"/> No			Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l per Fee	\$
<input type="checkbox"/> CONTINGENCY CONSTRUCTION START			Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No	Total Fees	\$ 110.00
			Lot Coverage for New Town Zone:	Sub-Total Paid	\$
			SDP/Red-line approval date:	Balance Due	\$
				Check	# 351710

Oswald, Hank

From: Oswald, Hank
Sent: Monday, September 17, 2018 12:33 PM
To: 'RGARCIA@VERTICALBRIDGE.COM'; 'CWARREN@INFINIGY.COM'
Subject: B18003152_3075 Route 32_Monopole Tower

To Whom It May Concern:

This office is in receipt of a building permit to construct a Monopole Tower located 3075 Route 32, West Friendship, MD. Prior to building permit approval, please forward abandonment reports for the well and septic system (if applicable) to this office.

Should you have any questions, please don't hesitate to ask.

Respectfully,

Hank

Hank Oswald
Licensed Environmental Health Specialist
Howard County Health Department
Bureau of Environmental Health
Well & Septic Program
8930 Stanford Boulevard
Columbia, MD 21045
410.313.1786 (Office)
hoswald@howardcountymd.gov

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MARYLAND DEPARTMENT OF THE ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
1800 Washington Blvd., Baltimore, Maryland 21201 (410) 537-3784

WATER WELL ABANDONMENT SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if not in contact)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 5-18-06 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any):

HO-94-3493

* PERMIT NUMBER OF REPLACEMENT WELL:

-

* PERSON ABANDONING WELL: DANA KYRORDT

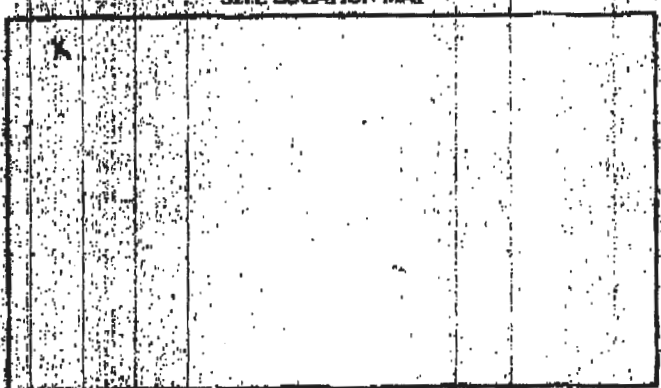
WELL DRILLERS LICENSE NUMBER: 256

CIRCLE: MWD/MSD/MGD

* OWNER'S NAME: HAILEY DEVELOPMENT

SITE LOCATION MAP

* WELL LOCATION:
 COUNTY: HULLAND
 NEAREST TOWN: WEST FRIENDSHIP
 TAX MAP: BLOCK _____ PARCEL _____
 SUBDIVISION: _____
 SECTION: _____ LOT: _____
 NEAREST ROAD: RT 32
 ADDRESS 3075



* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGERED
- OTHER (specify) _____
- JETTED
- HAND DUG

* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL
- GEOTHERMAL

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6 INCHES IN DIAMETER

* DEPTH OF WELL: 400 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
if yes, length removed, in feet: _____

* WAS CASING RIPPED OR PERFORATED? YES NO

LOG OF SEALING MATERIAL

MATERIAL	FEET	
	FROM	TO
<u>CEMENT</u> <u>4-d</u>	<u>0</u>	<u>400</u>
VOLUME OF MATERIAL USED		

SIGNATURE: Dana Kyrdort
MASTER WELL DRILLER OR SUPERVISING GEOTECHNICAL ENGINEER

256
CIRCLE ONE: MWD/MSD/MGD


DATE: 5-18-06

K & K Excavating, Inc.
P. O. Box 280
Lisbon, Maryland 21765
410-442-1336

Hailey Dvelopment
3905 National Drive Suite 105
Burtonsville, Maryland 20866

3075 Route 32 Property

We located existing septic tank and drain fields and dug up top of septic tank and had Fyock Septic Service, Inc. pump it out and dug up and broke line going into drain fields and demolished tank and filled with dirt.

 3/23/06
Olen Ketterman, President

10/04/2005 16:55 3014767717
PO BOX 89
Glenn, MD, 21737
Phone # Fax #
410-988-9270 410-531-1256

Date	PAGE 04
5/18/2006	10028848

Bill To

K & K Excavating
P. O Box 280
Lisbon, MD 21765

Service location

3075 RULB2
Westfriendship, 21794 *DAVIS*
9 Am Please

Customer Phone	410-442-1336	Customer Contact	Judy		
Rep	Frequency	Last Serviced	Terms	Due Date	P.O. No.
MW		5/18/2006	Net 30	6/17/2006	

Item	Description	Rate	Mileage	Date Serviced	Payment	County	Amount
Contract 4	Home Owner Septic Pump	140.00				Howard	140.00
Fuel Surch.	Fuel Surcharge	10.00					10.00
	Near Rosemary						
						Total	\$150.00

It's been a pleasure working with you!

Make Checks Payable to: FYOCK
We accept Visa and MasterCard

Notice To Customer: I understand that Fyock Septic Service is NOT responsible for any damage to driveway or lawn while rendering services on the above property.

Customer Signature: _____

RECEIVED
MAY 24 2006

BY: _____

RECEIVED

AUG 31 2018

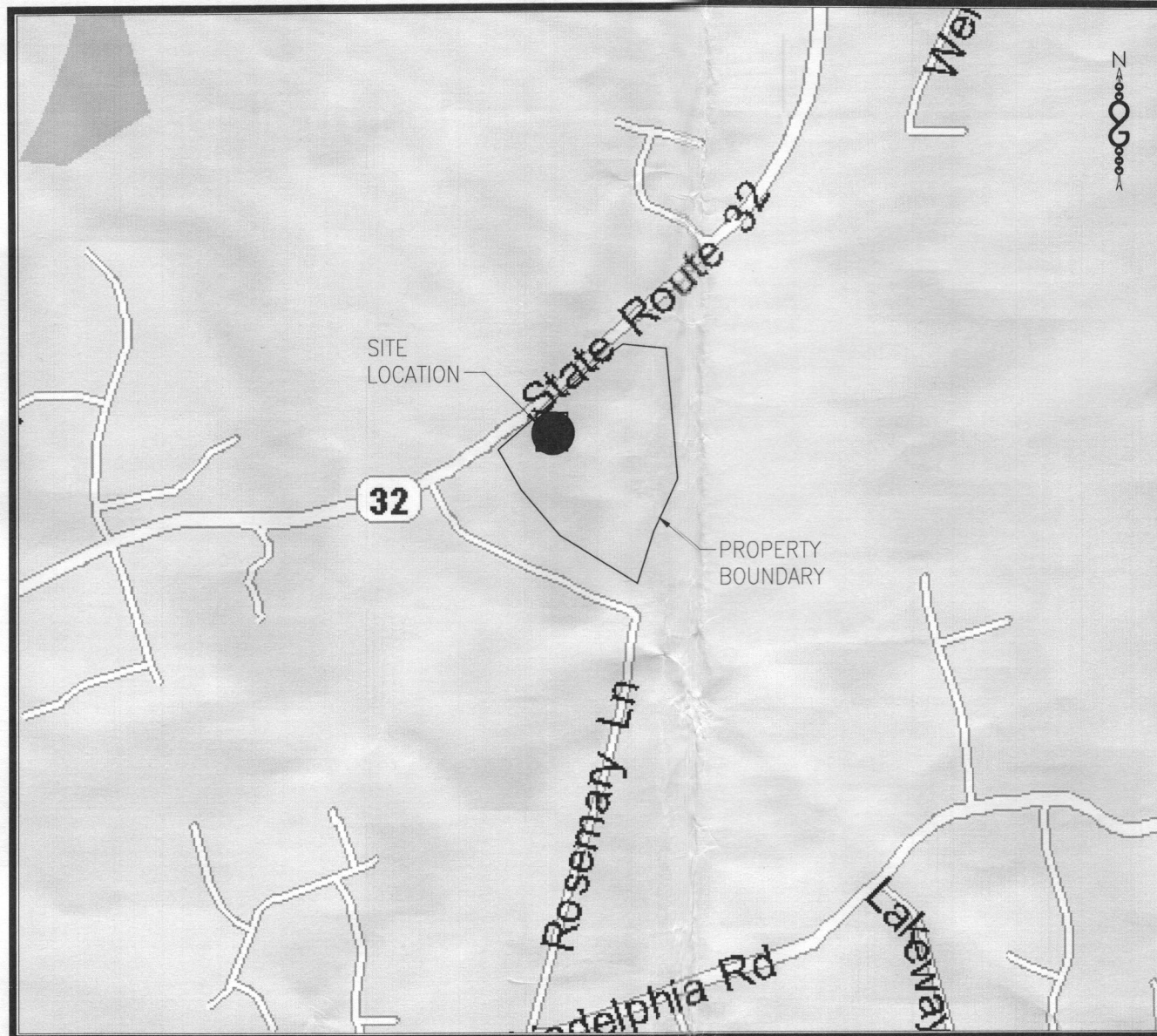
LICENSES & PERMITS
verticalbridge

US-MD-5045
TRIADELPHIA
3075 ROUTE 32
WEST FRIENDSHIP, MD 21794
150' MONOPOLE TOWER



PROJECT INFORMATION

SITE NAME:	TRIADELPHIA
SITE NUMBER:	US-MD-5045
SITE ADDRESS:	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794
ACCOUNT IDENTIFIER:	03-283178
TAX MAP NUMBER:	15
GRID NUMBER:	22
PARCEL NUMBER:	36
DEED REFERENCE:	BOOK 11552 PAGE 54
ZONING CLASSIFICATION:	RR-DEO
ZONING JURISDICTION:	HOWARD COUNTY
GROUND ELEVATION:	457.6' A.M.S.L.
STRUCTURE TYPE:	MONOPOLE
STRUCTURE HEIGHT:	150' TOWER (154' TOP OF LIGHTNING ROD)
OVERALL AREA:	±23.66 Ac
PROJECT LIMITS OF DISTURBANCE:	±0.11 Ac
LATITUDE (NAD 83):	39° 17' 06.42" N
LONGITUDE:	76° 57' 38.24" W
PRIOR DPZ PLANS:	BA-17-014C

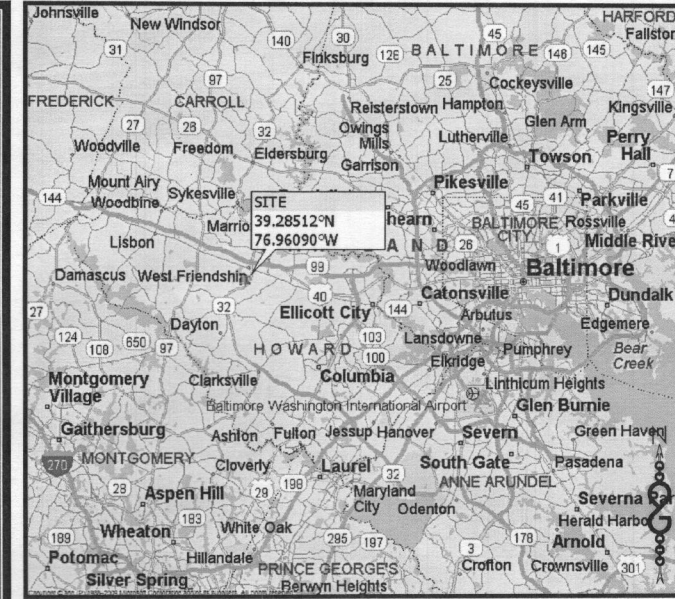


LOCATION MAP

SCALE: 1" = 1000' (11x16)
SCALE: 1" = 500' (24x36)

DRAWING INDEX

DRWG. #	TITLE	REV.#	DATE
T1	TITLE SHEET	7	04/06/18
Z1	GENERAL NOTES & LEGEND	7	04/06/18
Z2	OVERALL SITE PLAN	7	04/06/18
Z3	SITE PLAN	7	04/06/18
Z4	COMPOUND PLAN & TOWER ELEVATION	7	04/06/18
Z5	DRAINAGE, GRADING AND EROSION CONTROL PLAN	7	04/06/18
Z6	LANDSCAPE PLAN & FOREST CONSERVATION PLAN	7	04/06/18
Z7	LANDSCAPE DETAILS	7	04/06/18



VICINITY MAP

SITE ANALYSIS DATA CHART

TOTAL PROPERTY AREA: 23.6 ACRES
AREA OF PLAN SUBMISSION: 0.11 ACRES
LIMIT OF DISTURBED AREA: 0.11 ACRES

PRESENT ZONING: RR-DEO

PROPOSED USE: UNMANNED TELECOMMUNICATION FACILITY

FLOOR SPACE: 960 SQ. FT. APPROX. PENDING FUTURE EXPANSION

PARKING REQUIREMENT: N/A

APPLICABLE DPZ FILE NUMBERS: BA-17-014C ; WP-18-060

verticalbridge

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless

vertical wireless

No.	Submitted / Revision	Appr'd	Date
7		C/W	04/06/18
6		C/W	02/07/18
5		C/W	11/15/17
4		C/W	10/26/17
3		C/W	06/26/17
2		C/W	05/22/17
1		C/W	03/23/17
0		C/W	03/01/17

Drawn: P/R Date: 03/01/17
Designed: P/R Date: 03/01/17
Checked: C/W Date: 03/01/17

Project Number 404-062

Project Title
US-MD-5045
TRIADELPHIA
3075 ROUTE 32
WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
TITLE SHEET

Drawing Scale:
AS NOTED
Date:
03/01/17
ZD

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Drawing Number
T1

SHEET 1 OF 8

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
CHIEF, DEVELOPMENT LAND DEVELOPMENT	DATE
DIRECTOR	DATE

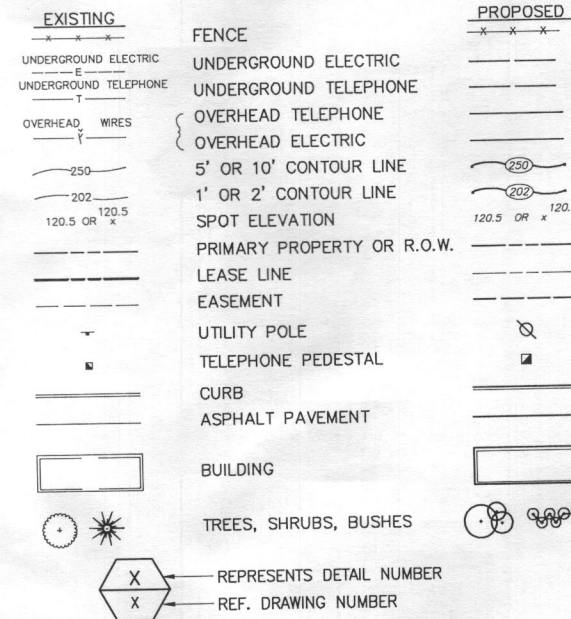
ADDRESS CHART	
PARCEL #	STREET ADDRESS
36	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794

PERMIT INFORMATION CHART					
WATER CODE:	SEWER CODE:	BUILDING:	STREET ADDRESS:		
NA	NA	NA	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794		
PROJECT NAME:		SECTION / AREA:		PARCEL:	
TRIADELPHIA US-MD-5045		NA		36	
PLAT# OR LIF	ZONING	TAX MAP PARCEL	ELEC. DIST.	CENSUS TRACK	
L11552 / F54	GRID #22 RR-DEO	15 36	3	6030	

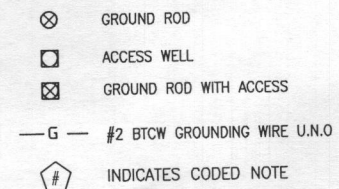
GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY 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/EIA/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 AND OWNER'S REPRESENTATIVE.
12. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY TWICE A MONTH.
13. PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY.
14. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
15. THIS PROJECT IS **EXEMPT** FROM SWM REQUIREMENTS BASED ON THE L.O.D. BEING LESS THAN 5,000 SQUARE FEET. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORM WATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
16. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
17. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED).
18. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
19. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
20. THE PROPOSED TELECOMMUNICATION FACILITY WILL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE HOWARD COUNTY ZONING REGULATIONS, SECTION 128 AND 131.
21. A CONDITIONAL USE APPLICATION (#BA-17-014C) WAS APPROVED FOR THIS PROPOSED MONOPOLE FACILITY, BY THE HOWARD COUNTY HEARING EXAMINER, SUBJECT TO ALL CONDITIONS OF THE DECISION OUTLINED IN A THE DECISION + ORDER DATED NOVEMBER 1 2017.
CONDITIONS:
 A. THE CONDITIONAL USE SHALL BE CONDUCTED IN CONFORMANCE WITH AND SHALL APPLY ONLY TO THE PROPOSED FACILITY DESCRIBED IN THE PETITION AND NOT TO ANY ACTIVITIES, USES OR STRUCTURES ON THE PROPERTY.
 B. NO ADDITIONAL LIGHTING IS PERMITTED OTHER THAN THAT REQUIRED BY THE FEDERAL COMMUNICATIONS COMMISSION OR THE FEDERAL AVIATION ADMINISTRATION.
 C. THE MONOPOLE TOWER SHALL BE GREY OR A SIMILAR COLOR.
 D. IF NO LONGER USED, THE COMMUNICATIONS TOWER SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THE USE CEASES.
 E. A TYPE "D" LANDSCAPE BUFFER SHALL BE INSTALLED ALONG THE MD 32 AND SOUTHERN CONDITIONAL USE SITE COMPOUND PERIMETERS AND OUTSIDE OF THE FENCE.
22. THERE ARE NO STREAMS, FLOODPLAINS, OR WETLANDS ON THE SUBJECT PARCEL OR WITHIN THE PROJECT L.O.D.
23. A COMMUNITY MEETING WAS HELD 04/26/2017 AT WEST FRIENDSHIP FIRE DEPARTMENT.

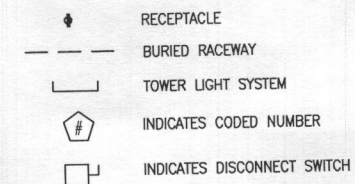
CIVIL LEGEND



GROUNDING SYMBOLS



ELECTRICAL SYMBOLS



ABBREVIATIONS

CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
MIGB	MASTER ISOLATED GROUND BAR
SST	SELF SUPPORTING TOWER
GPS	GLOBAL POSITIONING SYSTEM
TYP.	TYPICAL
DWG	DRAWING
BCW	BARE COPPER WIRE
BFG	BELOW FINISH GRADE
W/	WITH
PVC	POLYVINYL CHLORIDE
CAB	CABINET
C	CONDUIT
SS	STAINLESS STEEL
G	GROUND
AWG	AMERICAN WIRE GAUGE
RGS	RIGID GALVANIZED STEEL
AHJ	AUTHORITY HAVING JURISDICTION
TTLNA	TOWER TOP LOW NOISE AMPLIFIER
UNO	UNLESS NOTED OTHERWISE
EMT	ELECTRICAL METALLIC TUBING

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
CHIEF, DEVELOPMENT LAND DEVELOPMENT	DATE
DIRECTOR	DATE

verticalbridge

INFINIGY8 FROM ZERO TO INFINIGY the solutions are endless

verizon wireless

No.	Issued For Zoning	CJW	Date
7	ISSUED FOR ZONING	CJW	04/06/18
6	ISSUED FOR ZONING	CJW	02/07/18
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1	ISSUED FOR ZONING	CJW	03/23/17
0	ISSUED FOR ZONING	CJW	03/01/17
No.	Submittal / Revision	App'd	Date

Drawn: PHR Date: 03/01/17
 Designed: PHR Date: 03/01/17
 Checked: CJW Date: 03/01/17

Project Number: 404-062

Project Title: US-MD-5045 TRIADELPHIA 3075 ROUTE 32 WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title: GENERAL NOTES

Drawing Scale: AS NOTED **ZD**

Date: 03/01/17

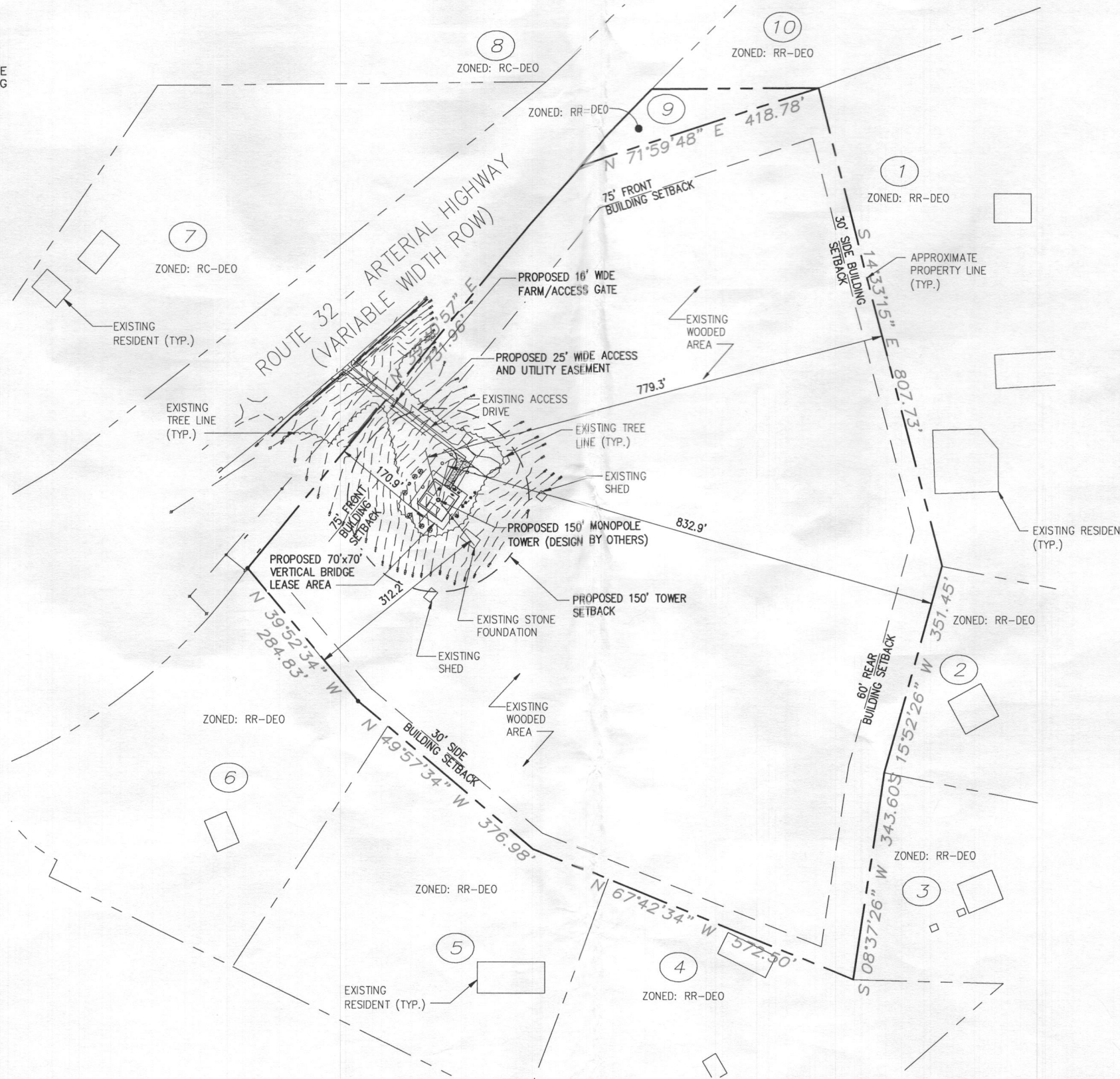
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Drawing Number: **Z1**

SHEET 2 OF 8

GENERAL SITE NOTES

1. THE PROPOSED LOD DOES NOT LIE WITHIN ANY FLOODPLAINS OR IS LOCATED NEAR ANY STREAMS WETLANDS OR FORESTED AREAS.
2. ROAD PROFILE NOT REQUIRED. PROPOSED TOWER SITE SHALL UTILIZE EXISTING ACCESS DRIVE FROM EXISTING ROAD.
3. NO EXISTING ONSITE STRUCTURES PRESENT AT PROPOSED SITE.



PROPERTY ADJOINERS

1. OWNER: WILLIAM F. GOSSAGE JR.
ACCT. NO: 03-324648
D.B. 3507, PAGE 635
MAP: 0015 PARCEL: 0076
LOT: 2
2. OWNER: MICHAEL P. STRETMATER
ACCT. NO: 03-316777
D.B. 4447, PAGE 352
MAP: 0022 PARCEL: 0276
LOT: 2
3. OWNER: SUE CHUN RILEY
ACCT. NO: 03-279979
D.B. 7575, PAGE 33
MAP: 0022 PARCEL: 0276
LOT: 1
4. OWNER: PAUL W. OLSON
ACCT. NO: 03-292614
D.B. 603, PAGE 426
MAP: 0022 PARCEL: 0211
LOT: NONE
5. OWNER: STEVE SHOLLENBERGER
ACCT. NO: 03-289133
D.B. 4900, PAGE 20
MAP: 0015 PARCEL: 0210
LOT: NONE
6. OWNER: JENNY KIM
ACCT. NO: 03-285499
D.B. 17215, PAGE 259
MAP: 0015 PARCEL: 0174
LOT: NONE
7. OWNER: CASTRO JOSE LUIS
ACCT. NO: 03-298779
D.B. 17333, PAGE 439
MAP: 0015 PARCEL: 0035
LOT: NONE
8. OWNER: 2800 NIXONS FARM LANE LLC
ACCT. NO: 03-292444
D.B. 12565, PAGE 273
MAP: 0015 PARCEL: 0090
LOT: NONE
9. OWNER: FRED GOSSAGE SR
ACCT. NO: 03-286010
D.B. 487, PAGE 79
MAP: 0015 PARCEL: 0085
LOT: NONE
10. OWNER: FRED GOSSAGE SR
ACCT. NO: 03-286002
D.B. 12565, PAGE 273
MAP: 0015 PARCEL: 0097
LOT: NONE



No.	Submittal / Revision	App'd	Date
7	ISSUED FOR ZONING	CJW	04/06/18
6	ISSUED FOR ZONING	CJW	02/07/18
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3	ISSUED FOR ZONING	CJW	06/26/17
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1	ISSUED FOR ZONING	CJW	03/23/17
0	ISSUED FOR ZONING	CJW	03/01/17

Drawn: PHR Date: 03/01/17
 Designed: PHR Date: 03/01/17
 Checked: CJW Date: 03/01/17

Project Number 404-062

Project Title
US-MD-5045
TRIADELPHIA
 3075 ROUTE 32
 WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
OVERALL SITE PLAN

Drawing Scale:
 AS NOTED **ZD**

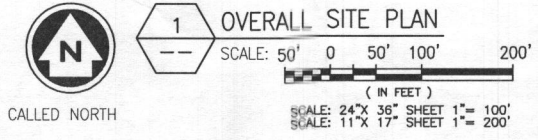
Date:
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Z2
 SHEET 3 OF 8

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CHIEF, DEVELOPMENT LAND DEVELOPMENT	DATE
DIRECTOR	DATE

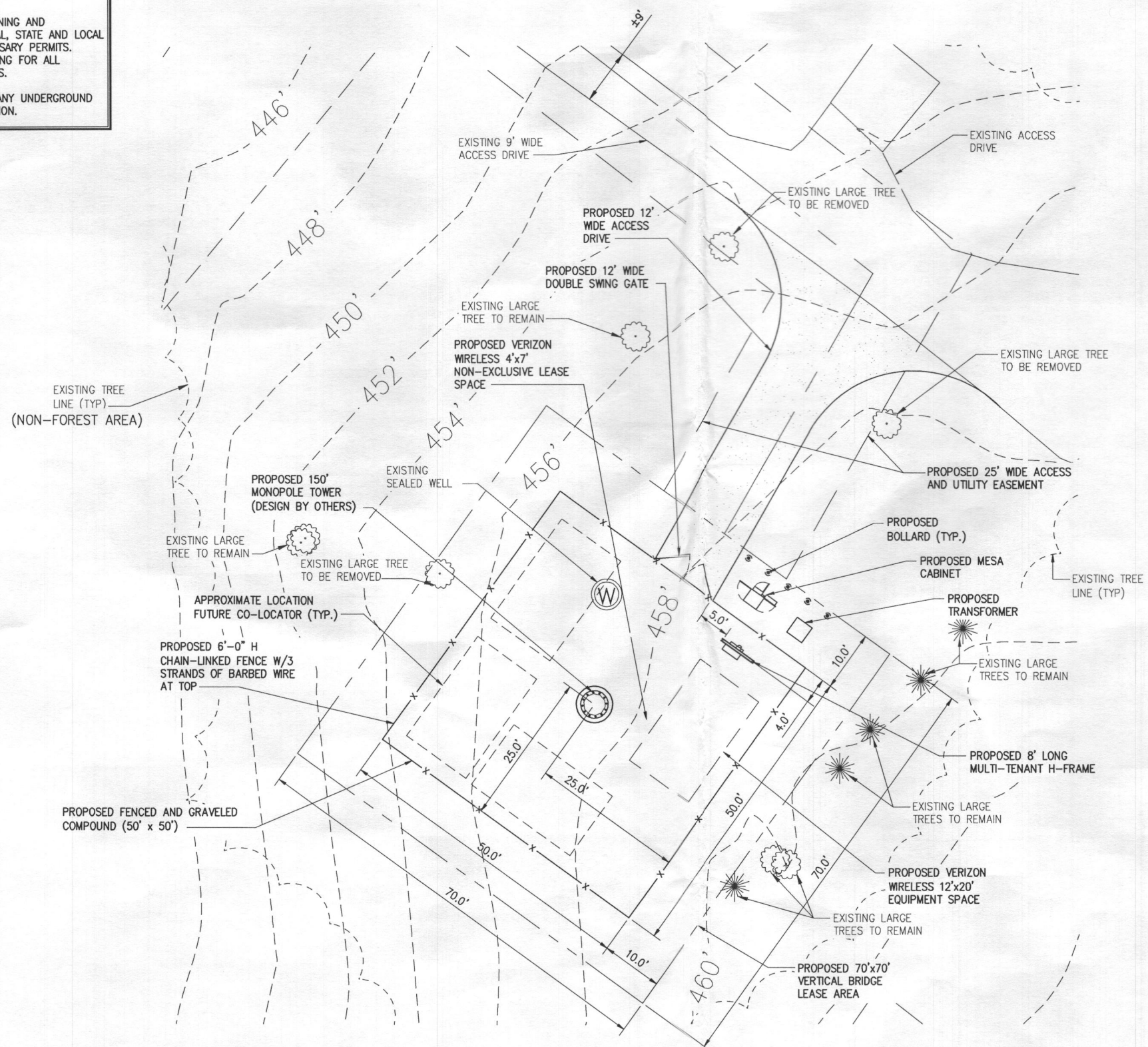


INFORMATION SHOWN BASED ON A FIELD SURVEY BY POINT TO POINT LAND SURVEYING DATED 02/01/17.

NOTES:
 - PROPOSED TOWER SITE WILL BE UNMANNED. ROUTINE MAINTENANCE VISITS SHALL BE COMPLETED ONCE A MONTH, OR LESS.

- CONTRACTOR IS RESPONSIBLE FOR PLANNING AND INSTALLATION COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, REQUIRED FOR PULLING ALL NECESSARY PERMITS. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL INSPECTIONS AND OBTAINING ALL APPROVALS.

- CONTRACTOR SHALL LOCATE AND MARK ANY UNDERGROUND UTILITIES PRIOR TO ANY REQUIRED EXCAVATION.

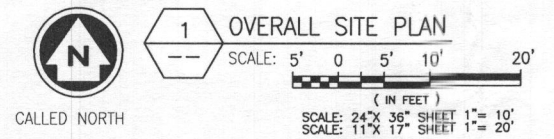


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 CHIEF, DEVELOPMENT LAND DEVELOPMENT DATE

 DIRECTOR DATE



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5	ISSUED FOR ZONING	CJW	11/15/17
4	ISSUED FOR ZONING	CJW	10/26/17
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1	ISSUED FOR ZONING	CJW	03/23/17
0	ISSUED FOR ZONING	CJW	03/01/17
No.	Submittal / Revision	App'd	Date

Drawn: PHR Date: 03/01/17
 Designed: PHR Date: 03/01/17
 Checked: CJW Date: 03/01/17

Project Number: 404-062

Project Title:
US-MD-5045
TRIADELPHIA
 3075 ROUTE 32
 WEST FRIENDSHIP, MD 21794

Engineer Stamp

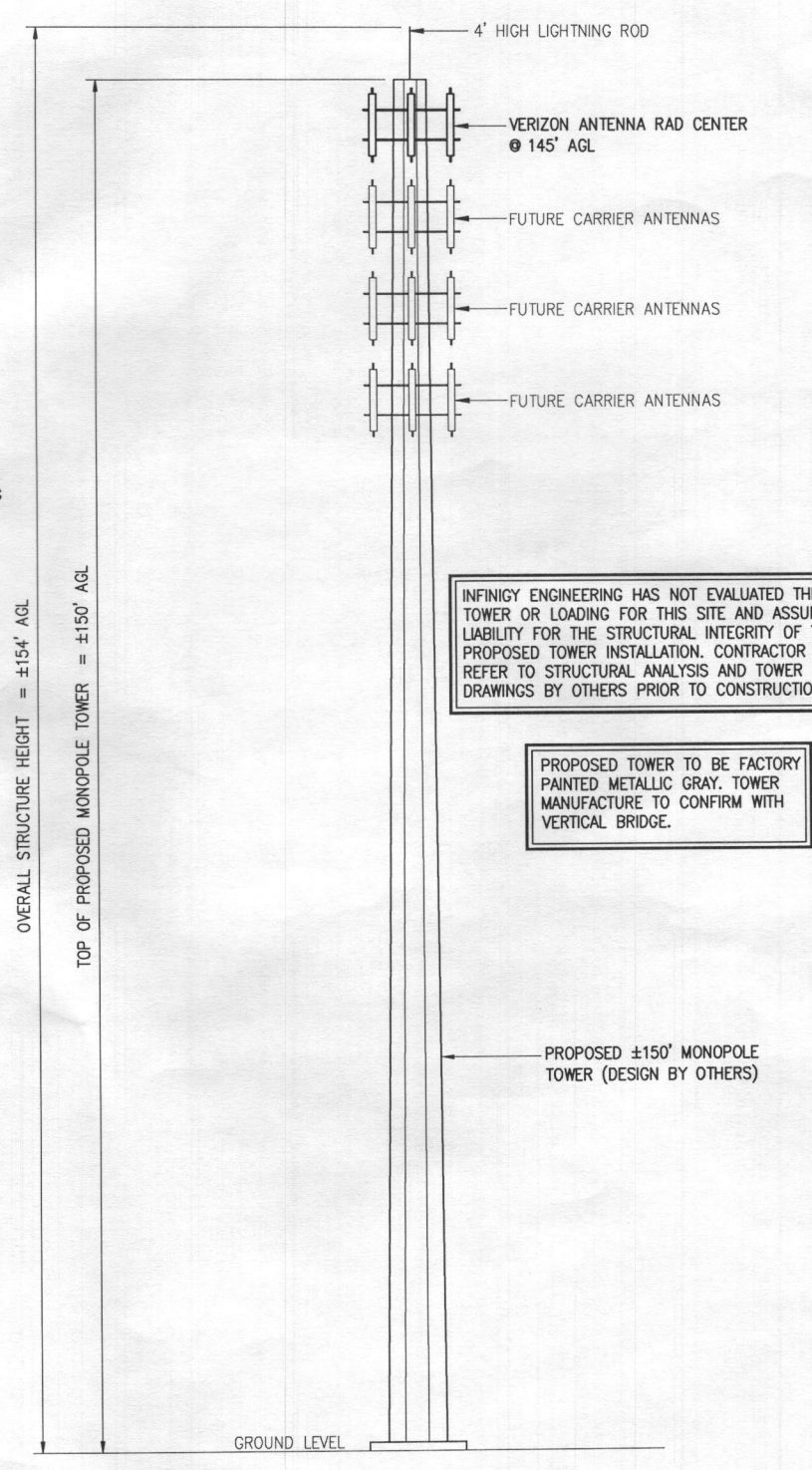
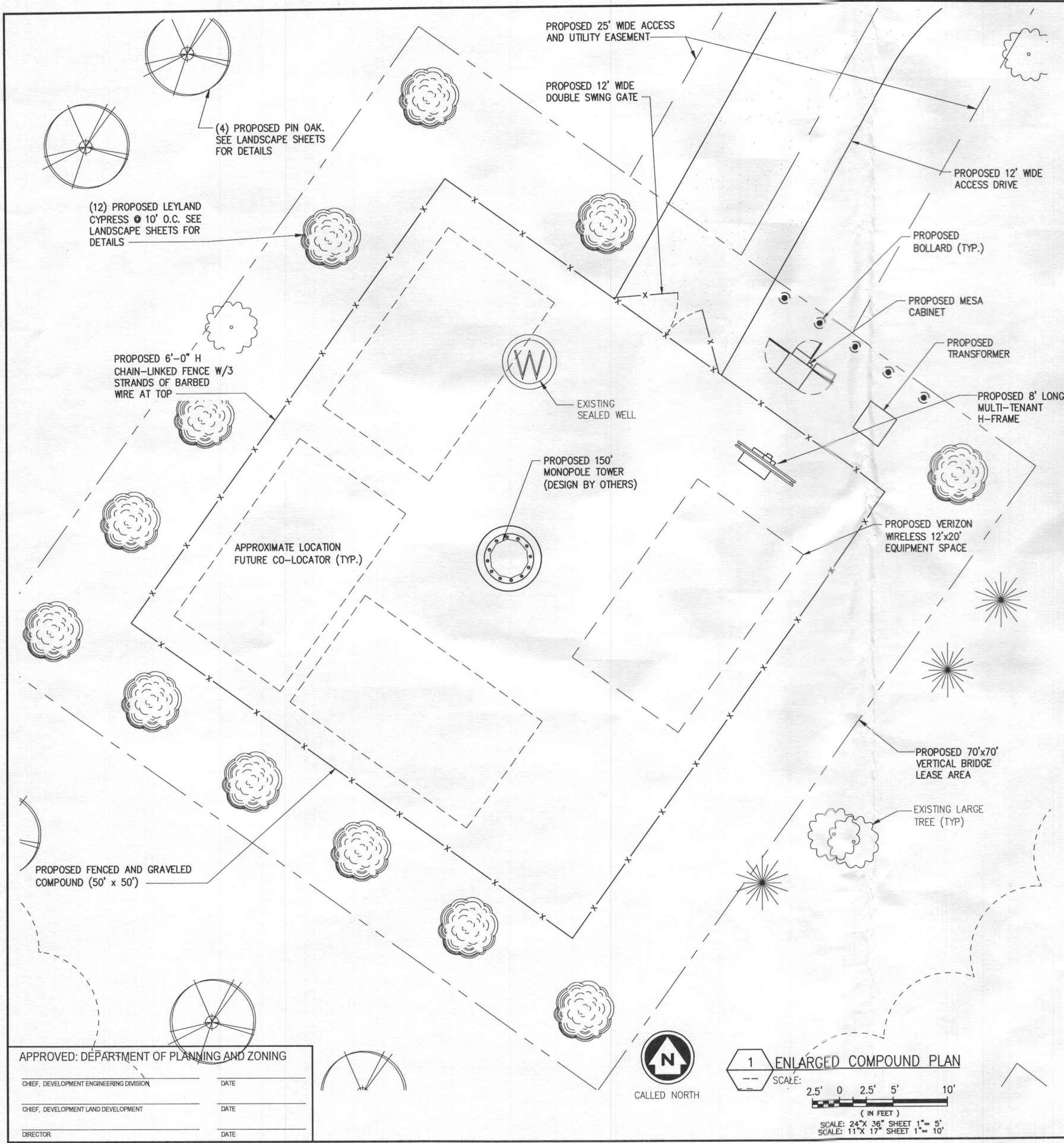
Drawing Title:
SITE PLAN

Drawing Scale:
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 Date:
 03/01/17

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Drawing Number:
Z3

SHEET 4 OF 8



INFINIGY ENGINEERING HAS NOT EVALUATED THE TOWER OR LOADING FOR THIS SITE AND ASSUMES NO LIABILITY FOR THE STRUCTURAL INTEGRITY OF THE PROPOSED TOWER INSTALLATION. CONTRACTOR TO REFER TO STRUCTURAL ANALYSIS AND TOWER DRAWINGS BY OTHERS PRIOR TO CONSTRUCTION.

PROPOSED TOWER TO BE FACTORY PAINTED METALLIC GRAY. TOWER MANUFACTURE TO CONFIRM WITH VERTICAL BRIDGE.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

CHIEF, DEVELOPMENT LAND DEVELOPMENT _____ DATE _____

DIRECTOR _____ DATE _____



1 ENLARGED COMPOUND PLAN

SCALE: 2.5' 0 2.5' 5' 10'

(IN FEET)

SCALE: 24" X 36" SHEET 1" = 5'

SCALE: 11" X 17" SHEET 1" = 10'

2 TOWER ELEVATION

NOT TO SCALE

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0	ISSUED FOR ZONING	CJW	03/01/17

No. Submittal / Revision App'd Date

Drawn: PHR Date: 03/01/17
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Checked: CJW Date: 03/01/17

Project Number
404-062

Project Title
US-MD-5045
TRIADELPHIA
3075 ROUTE 32
WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
COMPOUND PLAN & TOWER ELEVATION

Drawing Scale:
AS NOTED **ZD**

Date:
03/01/17

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Drawing Number
Z4

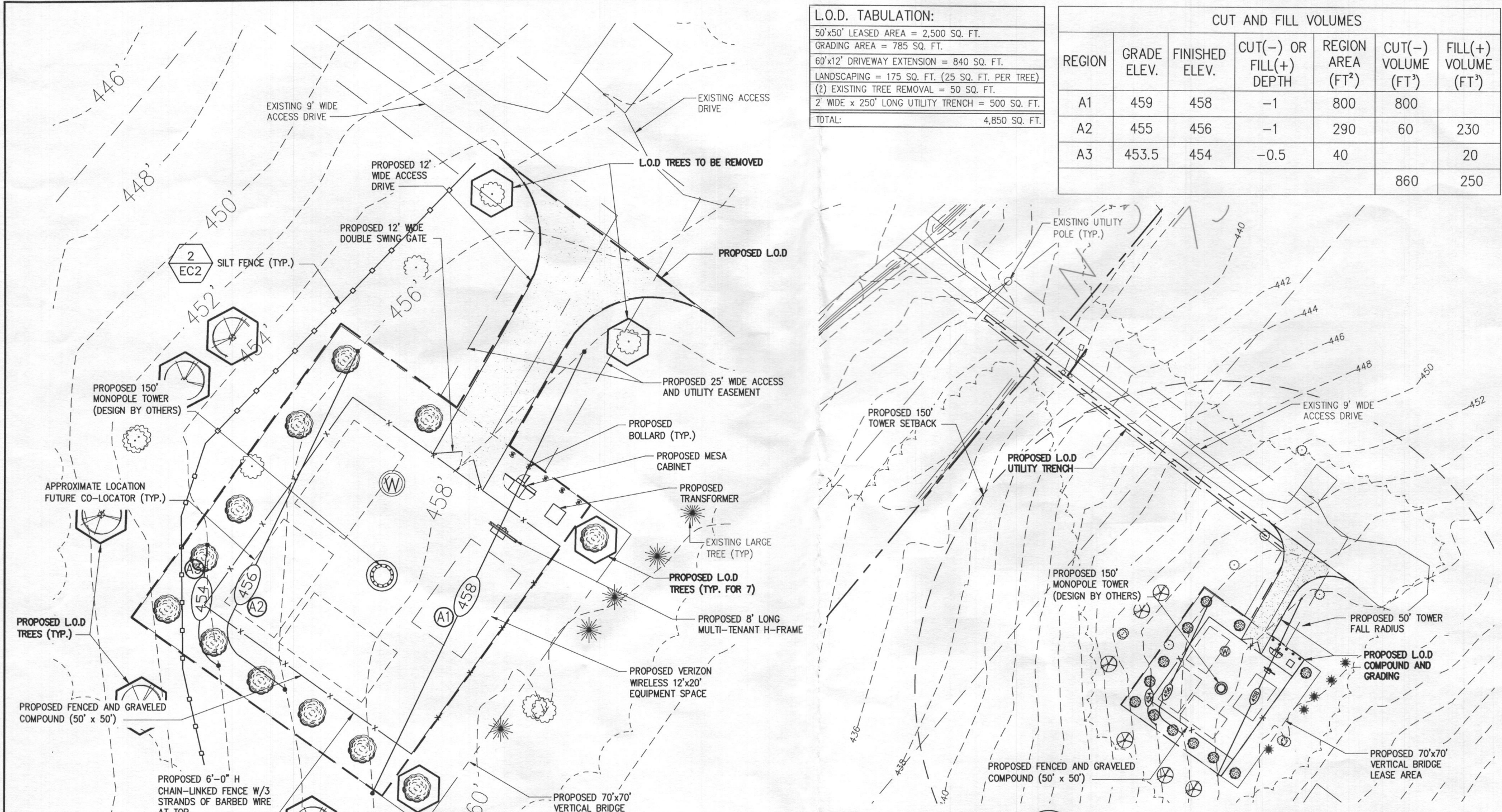
SHEET 5 OF 8

L.O.D. TABULATION:

50'x50' LEASED AREA = 2,500 SQ. FT.
GRADING AREA = 785 SQ. FT.
60'x12' DRIVEWAY EXTENSION = 840 SQ. FT.
LANDSCAPING = 175 SQ. FT. (25 SQ. FT. PER TREE)
(2) EXISTING TREE REMOVAL = 50 SQ. FT.
2' WIDE x 250' LONG UTILITY TRENCH = 500 SQ. FT.
TOTAL: 4,850 SQ. FT.

CUT AND FILL VOLUMES

REGION	GRADE ELEV.	FINISHED ELEV.	CUT(-) OR FILL(+) DEPTH	REGION AREA (FT ²)	CUT(-) VOLUME (FT ³)	FILL(+) VOLUME (FT ³)
A1	459	458	-1	800	800	
A2	455	456	-1	290	60	230
A3	453.5	454	-0.5	40		20
					860	250



ENGINEER'S CERTIFICATE

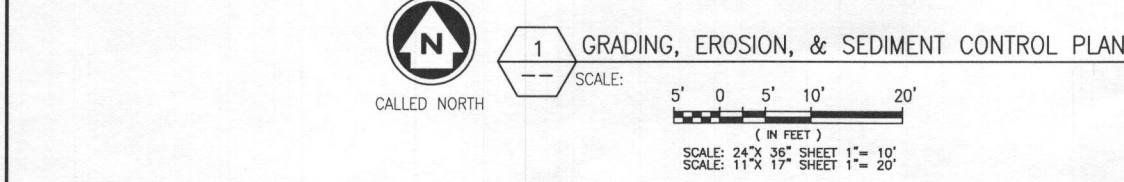
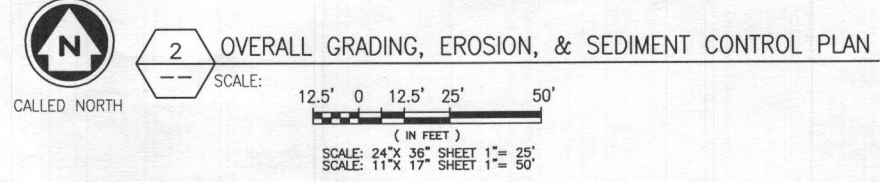
I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER (print name below signature) _____
DATE _____

ENGINEER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER (print name below signature) _____
DATE _____



APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

CHIEF, DEVELOPMENT LAND DEVELOPMENT _____ DATE _____

DIRECTOR _____ DATE _____

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Project Number: 404-062

Project Title: US-MD-5045 TRIADELPHIA 3075 ROUTE 32 WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title: DRAINAGE, GRADING & EROSION CONTROL PLAN

Drawing Scale: AS NOTED **ZD**
Date: 03/01/17

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Drawing Number: **Z5**
SHEET 6 OF 8

FOREST CONSERVATION WORKSHEET
VERSION 1.0
(Enter in Yellow Cells)

NET TRACT AREA:

A. Total tract area	23.66
B. Area within 100 year floodplain	0.00
C. Area to remain in agricultural production	23.55
D. Net tract area	0.11 (*)

LAND USE CATEGORY: (from table 3.2.1, page 40, Manual)

Input the number "1" under the appropriate land use zoning, and limit to only one entry.

ARA	MDR	IDA	HDR	MPD	CIA
1	0	0	0	0	0

E. Afforestation Threshold	20% x D =	0.02
F. Conservation Threshold	50% x D =	0.05

EXISTING FOREST COVER:

G. Existing forest cover (excluding floodplain)	0.00
H. Area of forest above afforestation threshold	0.00
I. Area of forest above conservation threshold	0.00

BREAK EVEN POINT:

J. Forest retention above threshold with no mitigation	0.00
K. Clearing permitted without mitigation	0.00

PROPOSED FOREST CLEARING:

L. Total area of forest to be cleared	0.00
M. Total area of forest to be retained	0.00

PLANTING REQUIREMENTS:

N. Reforestation for clearing above conservation threshold	0.00
P. Reforestation for clearing below conservation threshold	0.00
Q. Credit for retention above conservation threshold	0.00
R. Total reforestation required	0.00
S. Total afforestation required	0.02
T. Total reforestation and afforestation required	0.02

(*) NTA = L.O.D.

NOTE:

1. THE FOREST CONSERVATION OBLIGATION FOR THIS PROJECT IS 0.02 ACRE OF AFFORESTATION. THIS OBLIGATION IS BEING MET BY THE PAYMENT OF A FEE-IN-LIEU IN THE AMOUNT OF \$831.25 TO THE HOWARD COUNTY FOREST CONSERVATION FUND.
2. BASED ON THE DEFINITION OF FOREST, THERE ARE NO FOREST AREAS WITHIN 50 FEET OF THE LOD ON THIS SITE. THIS AREA IS MOSTLY GRASS YARD AREA FROM THE FORMER HOUSE, WITH SCATTERED INDIVIDUAL TREES AND SOME THICKET VEGETATION.
3. LANDSCAPE SURETY IN THE AMOUNT OF \$3,600.00 WILL BE POSTED WITH THE EXEMPT GRADING PERMIT.

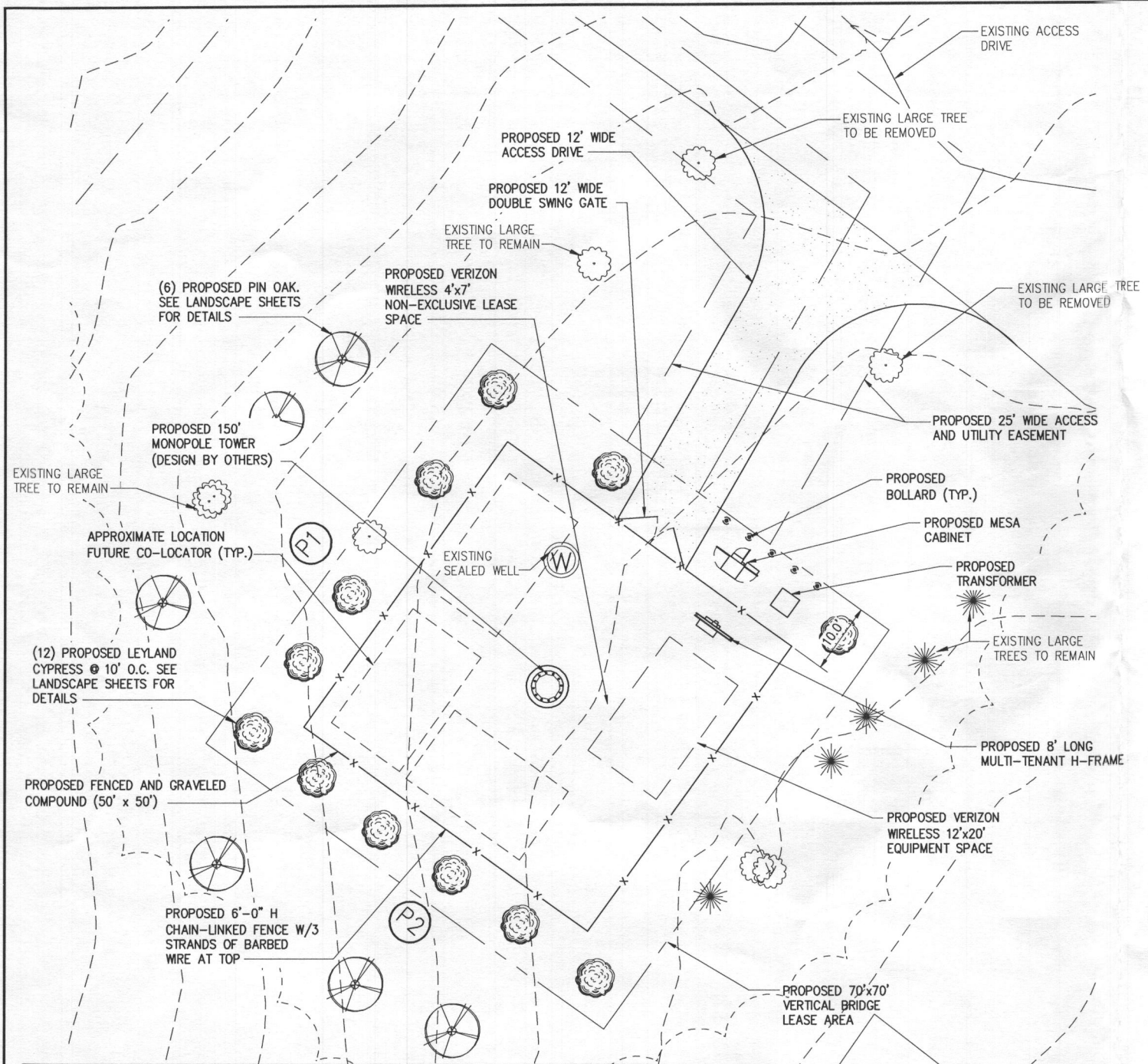
2 FOREST CONSERVATION WORKSHEET
NOT TO SCALE

SCHEDULE A PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Landscape Type	D	D
Linear Feet of Roadway Frontage/Perimeter	50'	50'
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	-	-
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	-	-
Number of Plants Required		
Shade Trees	1	1
Evergreen Trees	0	0
Shrubs	0	0
Number of Plants Provided		
Shade Trees	1	1
Evergreen Trees	0	0
Other Trees (2:1 substitution)	0	0
Shrubs (10:1 substitution)	0	0
(Describe plant substitution credits below if needed)		

Comments: Type "D" buffer required by Hearing Examiner as condition of approval of zoning case BA-17-014-C.

3 LANDSCAPE SCHEDULE
NOT TO SCALE

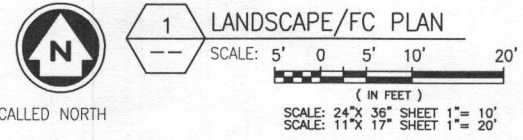


PLANTING LIST OF MATERIALS

QTY.	COMMON NAME	BOTANICAL NAME	SPACING	PLANTING SIZE
12	LEYLAND CYPRESS	Cupressocyparis x leylandii	10'-0" O.C.	6' TO 8' HIGH
6	PIN OAK	Quercus palustris	20'-25" O.C.	2 1/2" TO 3" CAL.

LANDSCAPE PLAN GENERAL NOTES:

1. QUANTITIES OF TREES, EVERGREENS AND SHRUBS, WHEN NOTED ON THE PLAN LIST, ARE BASED UPON THE GRAPHIC SYMBOLS SHOWN ON THE DRAWINGS. CONTRACTOR SHALL PROVIDE AND INSTALL THIS PLANT MATERIAL BASED UPON GRAPHIC SYMBOLS QUANTITIES.
2. TREES ARE NOT PERMITTED WITHIN TEN (10) FEET OF PUBLIC UTILITIES.
3. (4) PIN OAKS REQUIRED TO MITIGATE FOR REMOVAL OF 2 SPECIMEN TREES BY DRIVEWAY.



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Project Number: 404-062

Project Title: US-MD-5045 TRIADELPHIA 3075 ROUTE 32 WEST FRIENDSHIP, MD 21794

Engineer Stamp: [Blank]

Drawing Title: LANDSCAPE PLAN & FOREST CONSERVATION PLAN

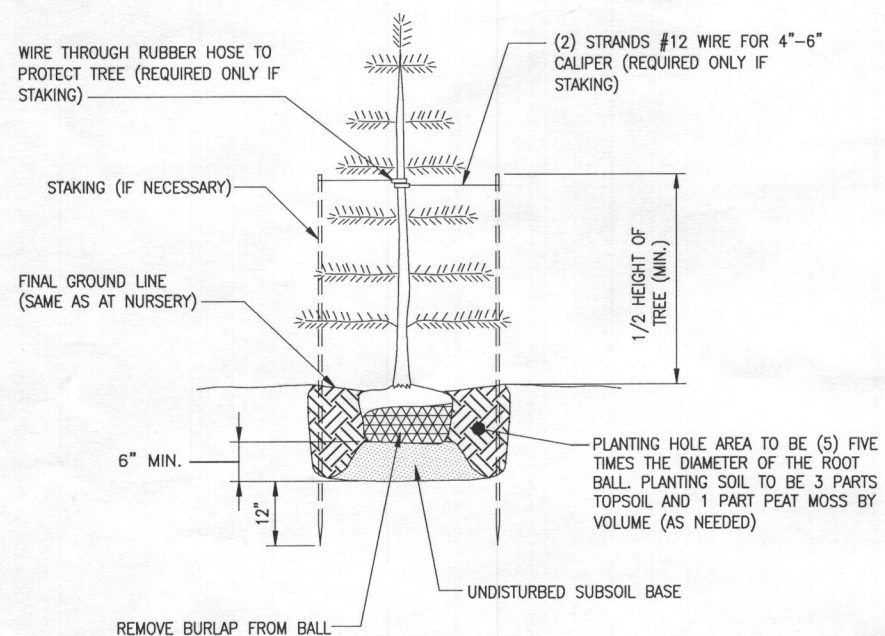
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Drawing Number: Z6

SHEET 7 OF 8



1 EVERGREEN TREE PLANTING DETAIL
 NOT TO SCALE
 5' HT. - USE 2 STAKES, 1/2 HT. OF TREE +2'

LANDSCAPE NOTES

A. PROJECT INCLUDES

1. FURNISH, INSTALL, AND MAINTAIN LANDSCAPE WORK AS SHOWN ON THESE CONTRACT DRAWINGS OR AS IDENTIFIED HEREIN.
 - A. TREES, SHRUBS AND GROUND COVER.
 - B. LAWNS.
 - C. TOPSOIL AND SOIL AMENDMENTS.
 - D. INITIAL MAINTENANCE OF INSTALLED LANDSCAPE MATERIAL.
 - E. PRUNING AND RELOCATION OF EXISTING PLANT MATERIALS.
 - F. RECONDITIONING EXISTING LAWNS AFFECTED BY CONSTRUCTION ACTIVITIES.

B. QUALITY ASSURANCE

1. PLANTS AND TREES: BALLED AND BURLAPED PLANTS AND TREES SHALL BE GRADED TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI C80.1.
2. TESTING: LABORATORY TESTING OF EXISTING SOILS AND FILL MATERIALS FOR SUITABLE SOIL AMENDMENTS AND FERTILIZER SHALL BE PERFORMED BY THE LANDSCAPE CONTRACTOR.
3. CONTRACTOR SHALL PREPARE THE SURFACE OF DISTURBED AREAS PRIOR TO SEEDING.
4. FERTILIZER AND SEED SHALL BE APPLIED AT UNIFORM RATES AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL WATER SEEDED AREAS AS OFTEN AS REQUIRED TO OBTAIN GERMINATION AND TO OBTAIN AND MAINTAIN SATISFACTORY GROWTH.
6. THE STAND OF VEGETATIVE COVER RESULTING FROM SEEDING SHALL NOT BE CONSIDERED SATISFACTORY UNTIL ACCEPTED BY THE ENGINEER, IF AREAS ARE DETERMINED TO BE UNACCEPTABLE, THE MULCH WILL BE REMOVED AND ALL AREAS SHALL BE RESEED, REFERTILIZED AND REMULCHED PER RECOMMENDED APPLICATION PROCEDURES AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR SHALL BEGIN MAINTENANCE PERIOD IMMEDIATELY AFTER PLANTING OF VEGETATIVE COVER.
8. THE CONTRACTOR SHALL MAINTAIN THE VEGETATIVE COVER AREA, FOR THE PERIODS REQUIRED TO ESTABLISH AN ACCEPTABLE GROWTH, BUT NOT LESS THAN 60 DAYS AFTER THE COMPLETION OF PLANTING OF VEGETATIVE COVER. IF SEEDING IN THE FALL AND NOT GIVEN A FULL 60 DAYS OF MAINTENANCE, OR IF NOT CONSIDERED ACCEPTABLE BY THE ENGINEER AT THAT TIME, CONTINUE MAINTENANCE DURING THE FOLLOWING SPRING UNTIL ACCEPTABLE VEGETATIVE COVER STAND IS ESTABLISHED.

C. PRODUCTS

1. PLANT MATERIALS SHALL BE AS SHOWN ON THESE CONTRACT DRAWINGS AND MAY BE ANY COMBINATION OF THE FOLLOWING:
 - A. DECIDUOUS TREES.
 - B. DECIDUOUS SHRUBS.
 - C. CONIFEROUS AND BROAD LEAFED EVERGREEN TREES AND SHRUBS.
 - D. GROUND COVER.
 - E. PLANTS.
2. LAWNS: LAWN MAY BE ANY OF THE FOLLOWING, AS APPROVED BY THE ENGINEER: SEED; NEW CROP SEED MIXTURE; SOD, STRONGLY ROOTED, 2 YEARS OLD; OR SOD PLUGS AND SPRIGS.
3. TOPSOIL: FERTILE, FRIABLE TOPSOIL FROM OFFSITE, OR FROM SITE STOCKPILE WITH ADDITIONAL MIXED-IN FERTILE, FRIABLE TOPSOIL FROM LOCAL SUPPLIERS OF TOPSOIL.
4. SOIL AMENDMENTS: THE SOIL AMENDMENTS MAY BE ANY OF THE FOLLOWING, AS REQUIRED OR INDICATED IN THE LABORATORY TESTING REPORTS.
 - A. LIME: DOLOMITIC LIMESTONE.
 - B. ALUMINUM SULFATE: COMMERCIAL GRADE.
 - C. PEAT HUMUS: FINELY DIVIDED PEAT.
 - D. SUPERPHOSPHATE: 20 PERCENT AVAILABLE PHOSPHORIC ACID.
 - E. SAND: CLEAN, WASHED SAND.
 - F. PERLITE: NBS PS 23.
 - G. SAWDUST: ROTTED SAWDUST FREE OF CHIPS AND STONES.
 - H. MANURE: ROTTED STABLE MANURE.
 - I. COMMERCIAL FERTILIZER: NEUTRAL CHARACTER FOR PLANT MATERIALS AND LAWNS.
 - J. MULCH: SHREDDED HARDWOOD MULCH.
5. LANDSCAPE MATERIALS: THE LANDSCAPE MATERIALS MAY BE ANY OF THE FOLLOWING, AS SHOWN ON THESE CONTRACT DRAWINGS.
 - A. GRAVEL: WATER-WORN GRAVEL.
 - B. ANTI-EROSION MULCH: SEED-FREE SALT HAY OR THRESHED STRAW.
 - C. ANTI-DESICCANT: EMULSION TYPE, FILM-FORMING.
 - D. PLASTIC SHEET: BLACK POLYETHYLENE, 8 MILS.
 - E. FILTRATION FABRIC: WATER PERMEABLE FIBERGLASS OR POLYPROPYLENE FABRIC.
 - F. WRAPPING: TREE-WRAP TAPE.
 - G. STAKES AND GUYS: NEW HARDWOOD, TREATED SOFTWOOD, OR REDWOOD.
 - H. METAL EDGING: COMMERCIAL STEEL EDGING.
 - I. WOOD HEADERS AND EDGING: ALL HEART REDWOOD OR PRESSURE TREATED SOUTHERN YELLOW PINE.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

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Project Number 404-062
 Project Title
 US-MD-5045
 TRIADELPHIA
 3075 ROUTE 32
 WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
 LANDSCAPE DETAILS

Drawing Scale:
 AS NOTED
 ZD
 Date:
 03/01/17

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 SHEET 8 OF 8

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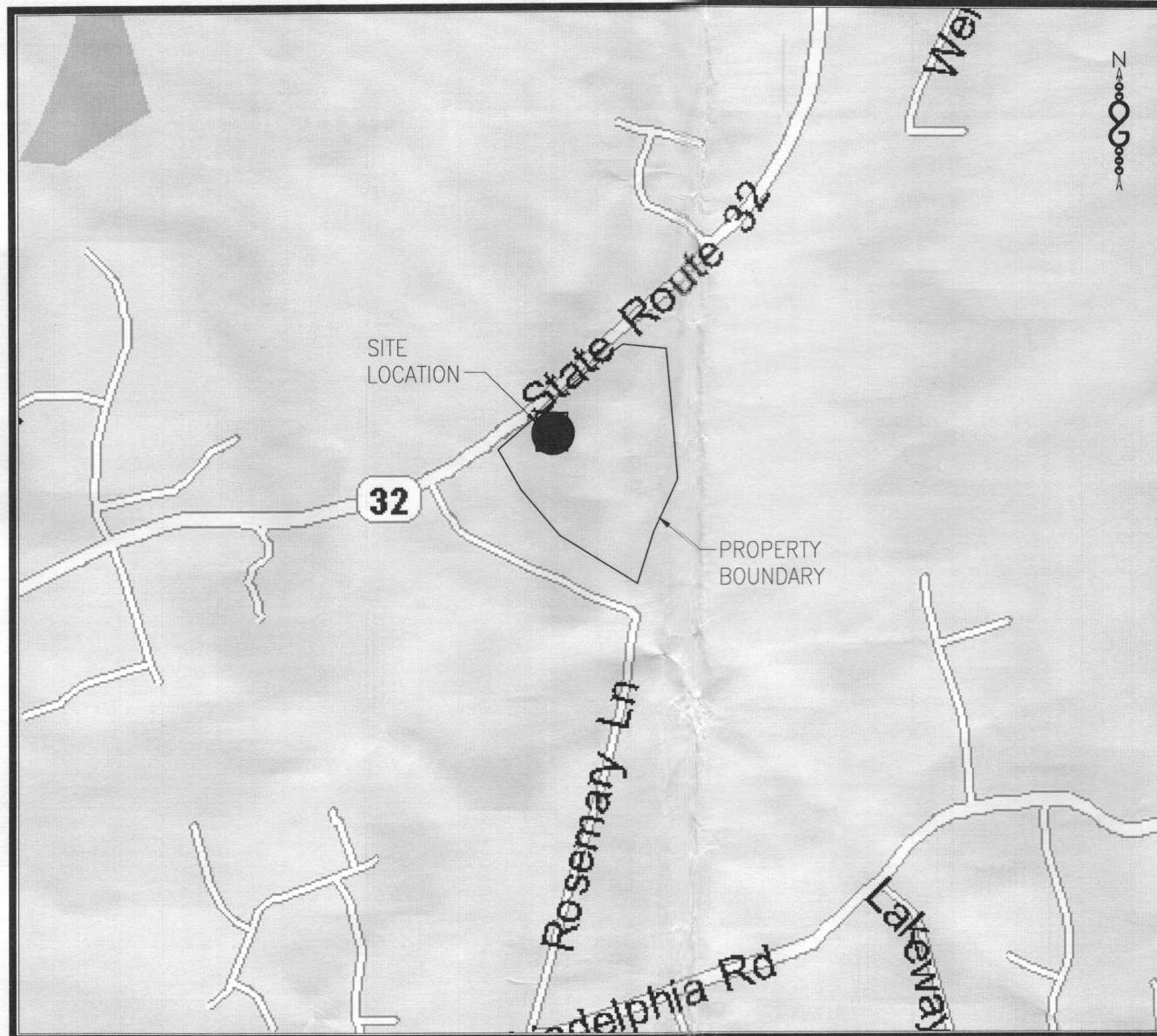
LICENSES & PERMITS
verticalbridge

US-MD-5045
TRIADELPHIA
3075 ROUTE 32
WEST FRIENDSHIP, MD 21794
150' MONOPOLE TOWER



PROJECT INFORMATION

SITE NAME:	TRIADELPHIA
SITE NUMBER:	US-MD-5045
SITE ADDRESS:	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794
ACCOUNT IDENTIFIER:	03-283178
TAX MAP NUMBER:	15
GRID NUMBER:	22
PARCEL NUMBER:	36
DEED REFERENCE:	BOOK 11552 PAGE 54
ZONING CLASSIFICATION:	RR-DEO
ZONING JURISDICTION:	HOWARD COUNTY
GROUND ELEVATION:	457.6' A.M.S.L.
STRUCTURE TYPE:	MONOPOLE
STRUCTURE HEIGHT:	150' TOWER (154' TOP OF LIGHTNING ROD)
OVERALL AREA:	±23.66 Ac
PROJECT LIMITS OF DISTURBANCE:	±0.11 Ac
LATITUDE (NAD 83):	39° 17' 06.42" N
LONGITUDE:	76° 57' 38.24" W
PRIOR DPZ PLANS:	BA-17-014C

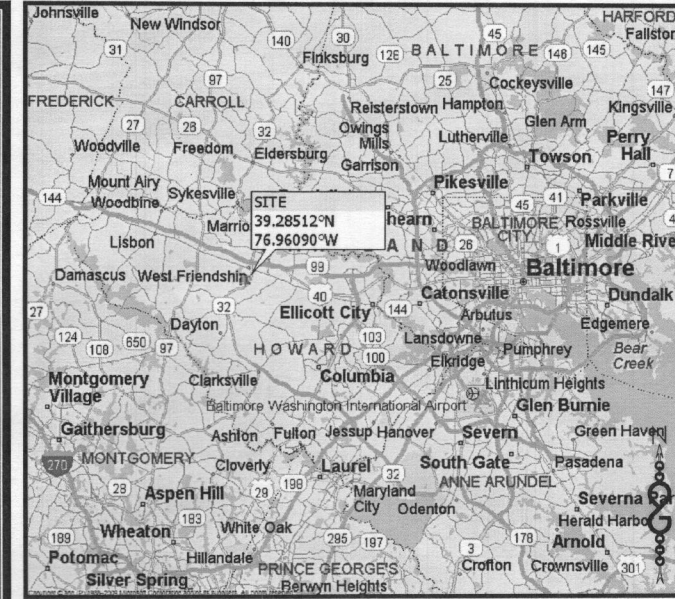


LOCATION MAP

SCALE: 1" = 1000' (11x16)
SCALE: 1" = 500' (24x36)

DRAWING INDEX

DRWG. #	TITLE	REV.#	DATE
T1	TITLE SHEET	7	04/06/18
Z1	GENERAL NOTES & LEGEND	7	04/06/18
Z2	OVERALL SITE PLAN	7	04/06/18
Z3	SITE PLAN	7	04/06/18
Z4	COMPOUND PLAN & TOWER ELEVATION	7	04/06/18
Z5	DRAINAGE, GRADING AND EROSION CONTROL PLAN	7	04/06/18
Z6	LANDSCAPE PLAN & FOREST CONSERVATION PLAN	7	04/06/18
Z7	LANDSCAPE DETAILS	7	04/06/18



VICINITY MAP

SITE ANALYSIS DATA CHART

TOTAL PROPERTY AREA: 23.6 ACRES
AREA OF PLAN SUBMISSION: 0.11 ACRES
LIMIT OF DISTURBED AREA: 0.11 ACRES

PRESENT ZONING: RR-DEO

PROPOSED USE: UNMANNED TELECOMMUNICATION FACILITY

FLOOR SPACE: 960 SQ. FT. APPROX. PENDING FUTURE EXPANSION

PARKING REQUIREMENT: N/A

APPLICABLE DPZ FILE NUMBERS: BA-17-014C ; WP-18-060

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No.	Submitted / Revision	Appr'd	Date
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Project Title
US-MD-5045
TRIADELPHIA
3075 ROUTE 32
WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
TITLE SHEET

Drawing Scale:
AS NOTED
Date:
03/01/17
ZD

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SHEET 1 OF 8

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
CHIEF, DEVELOPMENT LAND DEVELOPMENT	DATE
DIRECTOR	DATE

ADDRESS CHART	
PARCEL #	STREET ADDRESS
36	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794

PERMIT INFORMATION CHART					
WATER CODE:	SEWER CODE:	BUILDING:	STREET ADDRESS:		
NA	NA	NA	3075 ROUTE 32 WEST FRIENDSHIP, MD 21794		
PROJECT NAME:		SECTION / AREA:		PARCEL:	
TRIADELPHIA US-MD-5045		NA		36	
PLAT# OR LIF	ZONING	TAX MAP PARCEL	ELEC. DIST.	CENSUS TRACK	
L11552 / F54	GRID #22 RR-DEO	15 36	3	6030	

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY 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/EIA/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 AND OWNER'S REPRESENTATIVE.
12. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION BY TECHNICIANS APPROXIMATELY TWICE A MONTH.
13. PROPERTY LINE INFORMATION WAS PREPARED USING DEEDS, TAX MAPS, AND PLANS OF RECORD AND SHOULD NOT BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY.
14. THIS PLAN IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
15. THIS PROJECT IS **EXEMPT** FROM SWM REQUIREMENTS BASED ON THE L.O.D. BEING LESS THAN 5,000 SQUARE FEET. THE PROPOSED FACILITY WILL CAUSE ONLY A "DE MINIMIS" INCREASE IN STORM WATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
16. NO SIGNIFICANT NOISE, SMOKE, DUST, OR ODOR WILL RESULT FROM THIS FACILITY.
17. THE FACILITY IS UNMANNED AND NOT INTENDED FOR HUMAN HABITATION (NO HANDICAP ACCESS REQUIRED).
18. THE FACILITY IS UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
19. POWER TO THE FACILITY WILL BE MONITORED BY A SEPARATE METER.
20. THE PROPOSED TELECOMMUNICATION FACILITY WILL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE HOWARD COUNTY ZONING REGULATIONS, SECTION 128 AND 131.
21. A CONDITIONAL USE APPLICATION (#BA-17-014C) WAS APPROVED FOR THIS PROPOSED MONOPOLE FACILITY, BY THE HOWARD COUNTY HEARING EXAMINER, SUBJECT TO ALL CONDITIONS OF THE DECISION OUTLINED IN A THE DECISION + ORDER DATED NOVEMBER 1 2017.

CONDITIONS:

- A. THE CONDITIONAL USE SHALL BE CONDUCTED IN CONFORMANCE WITH AND SHALL APPLY ONLY TO THE PROPOSED FACILITY DESCRIBED IN THE PETITION AND NOT TO ANY ACTIVITIES, USES OR STRUCTURES ON THE PROPERTY.
- B. NO ADDITIONAL LIGHTING IS PERMITTED OTHER THAN THAT REQUIRED BY THE FEDERAL COMMUNICATIONS COMMISSION OR THE FEDERAL AVIATION ADMINISTRATION.
- C. THE MONOPOLE TOWER SHALL BE GREY OR A SIMILAR COLOR.
- D. IF NO LONGER USED, THE COMMUNICATIONS TOWER SHALL BE REMOVED FROM THE SITE WITHIN ONE YEAR OF THE DATE THE USE CEASES.
- E. A TYPE "D" LANDSCAPE BUFFER SHALL BE INSTALLED ALONG THE MD 32 AND SOUTHERN CONDITIONAL USE SITE COMPOUND PERIMETERS AND OUTSIDE OF THE FENCE.

22. THERE ARE NO STREAMS, FLOODPLAINS, OR WETLANDS ON THE SUBJECT PARCEL OR WITHIN THE PROJECT L.O.D.
23. A COMMUNITY MEETING WAS HELD 04/26/2017 AT WEST FRIENDSHIP FIRE DEPARTMENT.

CIVIL LEGEND

EXISTING		PROPOSED
	FENCE	
	UNDERGROUND ELECTRIC	
	UNDERGROUND TELEPHONE	
	OVERHEAD TELEPHONE	
	OVERHEAD ELECTRIC	
	5' OR 10' CONTOUR LINE	
	1' OR 2' CONTOUR LINE	
	SPOT ELEVATION	
	PRIMARY PROPERTY OR R.O.W.	
	LEASE LINE	
	EASEMENT	
	UTILITY POLE	
	TELEPHONE PEDESTAL	
	CURB	
	ASPHALT PAVEMENT	
	BUILDING	
	TREES, SHRUBS, BUSHES	
	REPRESENTS DETAIL NUMBER	
	REF. DRAWING NUMBER	

GROUNDING SYMBOLS

- GROUND ROD
- ACCESS WELL
- GROUND ROD WITH ACCESS
- #2 BTCW GROUNDING WIRE U.N.O.
- INDICATES CODED NOTE

ELECTRICAL SYMBOLS

- RECEPTACLE
- BURIED RACEWAY
- TOWER LIGHT SYSTEM
- INDICATES CODED NUMBER
- INDICATES DISCONNECT SWITCH

ABBREVIATIONS

CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
MIGB	MASTER ISOLATED GROUND BAR
SST	SELF SUPPORTING TOWER
GPS	GLOBAL POSITIONING SYSTEM
TYP.	TYPICAL
DWG	DRAWING
BCW	BARE COPPER WIRE
BFG	BELOW FINISH GRADE
W/	WITH
PVC	POLYVINYL CHLORIDE
CAB	CABINET
C	CONDUIT
SS	STAINLESS STEEL
G	GROUND
AWG	AMERICAN WIRE GAUGE
RGS	RIGID GALVANIZED STEEL
AHJ	AUTHORITY HAVING JURISDICTION
TTLNA	TOWER TOP LOW NOISE AMPLIFIER
UNO	UNLESS NOTED OTHERWISE
EMT	ELECTRICAL METALLIC TUBING

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GENERAL NOTES

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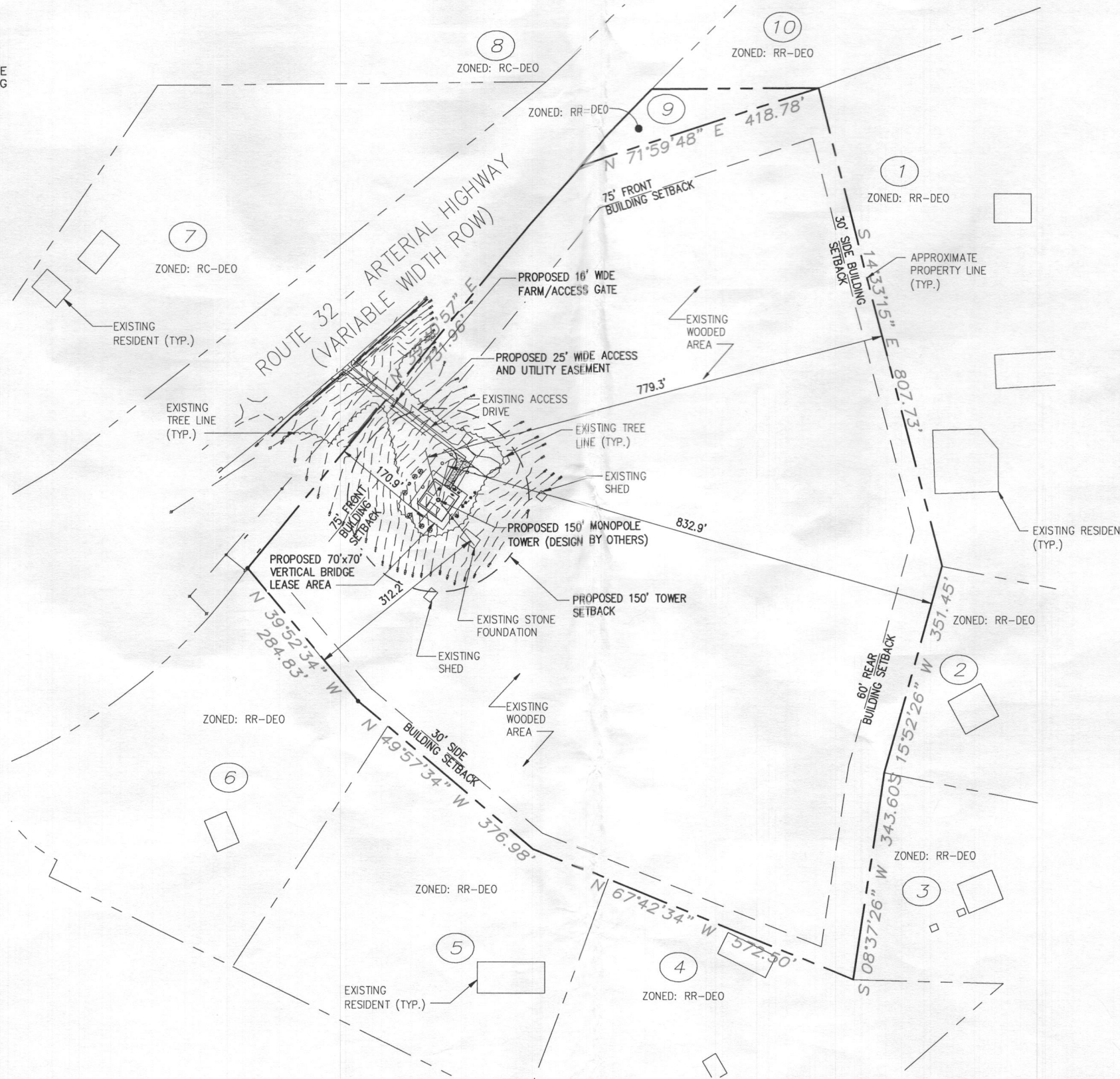
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SHEET 2 OF 8

GENERAL SITE NOTES

1. THE PROPOSED LOD DOES NOT LIE WITHIN ANY FLOODPLAINS OR IS LOCATED NEAR ANY STREAMS WETLANDS OR FORESTED AREAS.
2. ROAD PROFILE NOT REQUIRED. PROPOSED TOWER SITE SHALL UTILIZE EXISTING ACCESS DRIVE FROM EXISTING ROAD.
3. NO EXISTING ONSITE STRUCTURES PRESENT AT PROPOSED SITE.



PROPERTY ADJOINERS

1. OWNER: WILLIAM F. GOSSAGE JR.
ACCT. NO: 03-324648
D.B. 3507, PAGE 635
MAP: 0015 PARCEL: 0076
LOT: 2
2. OWNER: MICHAEL P. STRETMATER
ACCT. NO: 03-316777
D.B. 4447, PAGE 352
MAP: 0022 PARCEL: 0276
LOT: 2
3. OWNER: SUE CHUN RILEY
ACCT. NO: 03-279979
D.B. 7575, PAGE 33
MAP: 0022 PARCEL: 0276
LOT: 1
4. OWNER: PAUL W. OLSON
ACCT. NO: 03-292614
D.B. 603, PAGE 426
MAP: 0022 PARCEL: 0211
LOT: NONE
5. OWNER: STEVE SHOLLENBERGER
ACCT. NO: 03-289133
D.B. 4900, PAGE 20
MAP: 0015 PARCEL: 0210
LOT: NONE
6. OWNER: JENNY KIM
ACCT. NO: 03-285499
D.B. 17215, PAGE 259
MAP: 0015 PARCEL: 0174
LOT: NONE
7. OWNER: CASTRO JOSE LUIS
ACCT. NO: 03-298779
D.B. 17333, PAGE 439
MAP: 0015 PARCEL: 0035
LOT: NONE
8. OWNER: 2800 NIXONS FARM LANE LLC
ACCT. NO: 03-292444
D.B. 12565, PAGE 273
MAP: 0015 PARCEL: 0090
LOT: NONE
9. OWNER: FRED GOSSAGE SR
ACCT. NO: 03-286010
D.B. 487, PAGE 79
MAP: 0015 PARCEL: 0085
LOT: NONE
10. OWNER: FRED GOSSAGE SR
ACCT. NO: 03-286002
D.B. 12565, PAGE 273
MAP: 0015 PARCEL: 0097
LOT: NONE



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7	ISSUED FOR ZONING	CJW	04/06/18
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Engineer Stamp

Drawing Title
OVERALL SITE PLAN

Drawing Scale:
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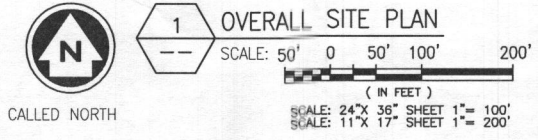
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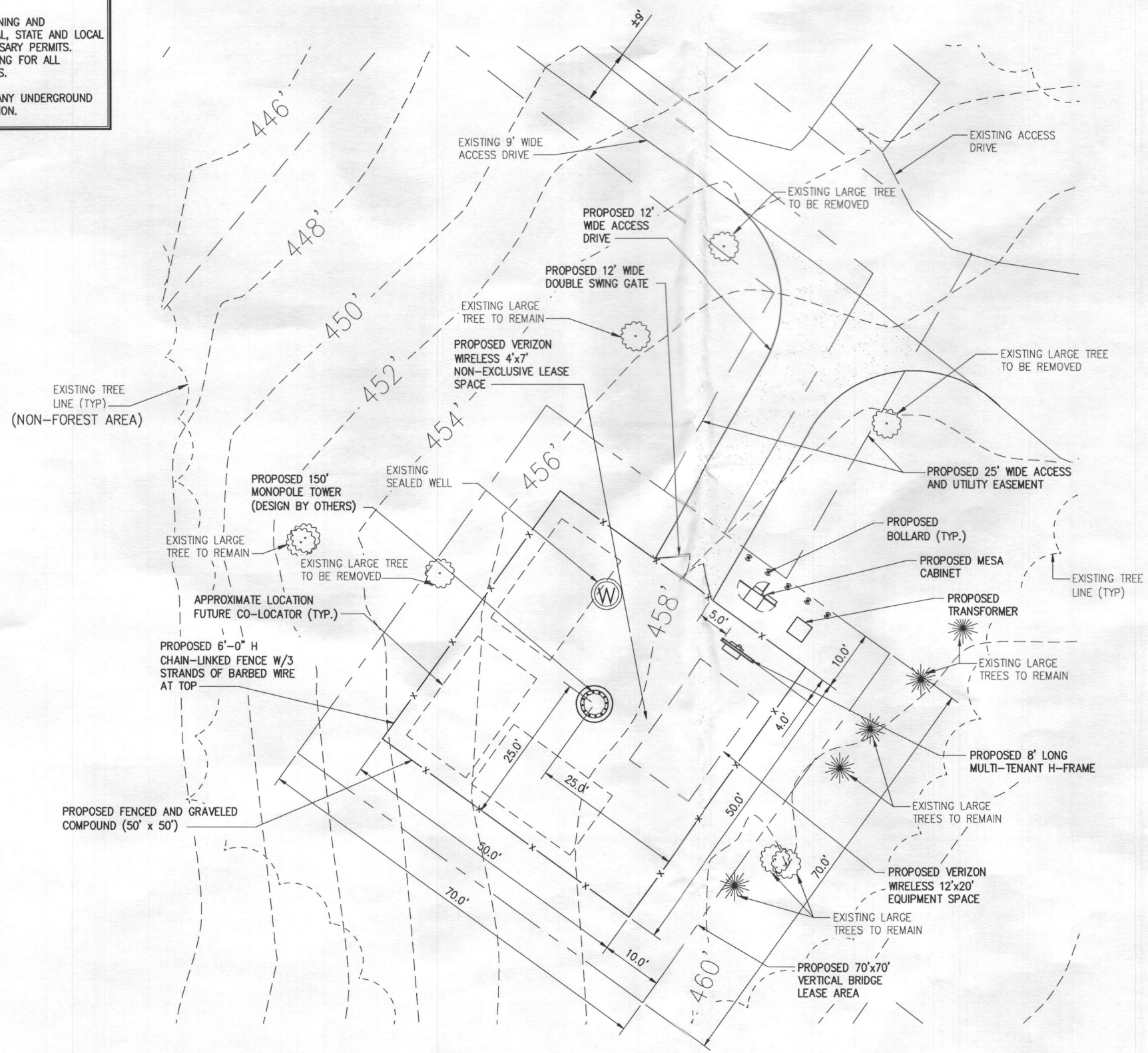


INFORMATION SHOWN BASED ON A FIELD SURVEY BY POINT TO POINT LAND SURVEYING DATED 02/01/17.

NOTES:
 - PROPOSED TOWER SITE WILL BE UNMANNED. ROUTINE MAINTENANCE VISITS SHALL BE COMPLETED ONCE A MONTH, OR LESS.

- CONTRACTOR IS RESPONSIBLE FOR PLANNING AND INSTALLATION COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL CODES, REQUIRED FOR PULLING ALL NECESSARY PERMITS. CONTRACTOR IS RESPONSIBLE FOR ARRANGING FOR ALL INSPECTIONS AND OBTAINING ALL APPROVALS.

- CONTRACTOR SHALL LOCATE AND MARK ANY UNDERGROUND UTILITIES PRIOR TO ANY REQUIRED EXCAVATION.

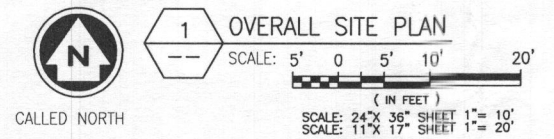


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Drawing Title:
 SITE PLAN

Drawing Scale:
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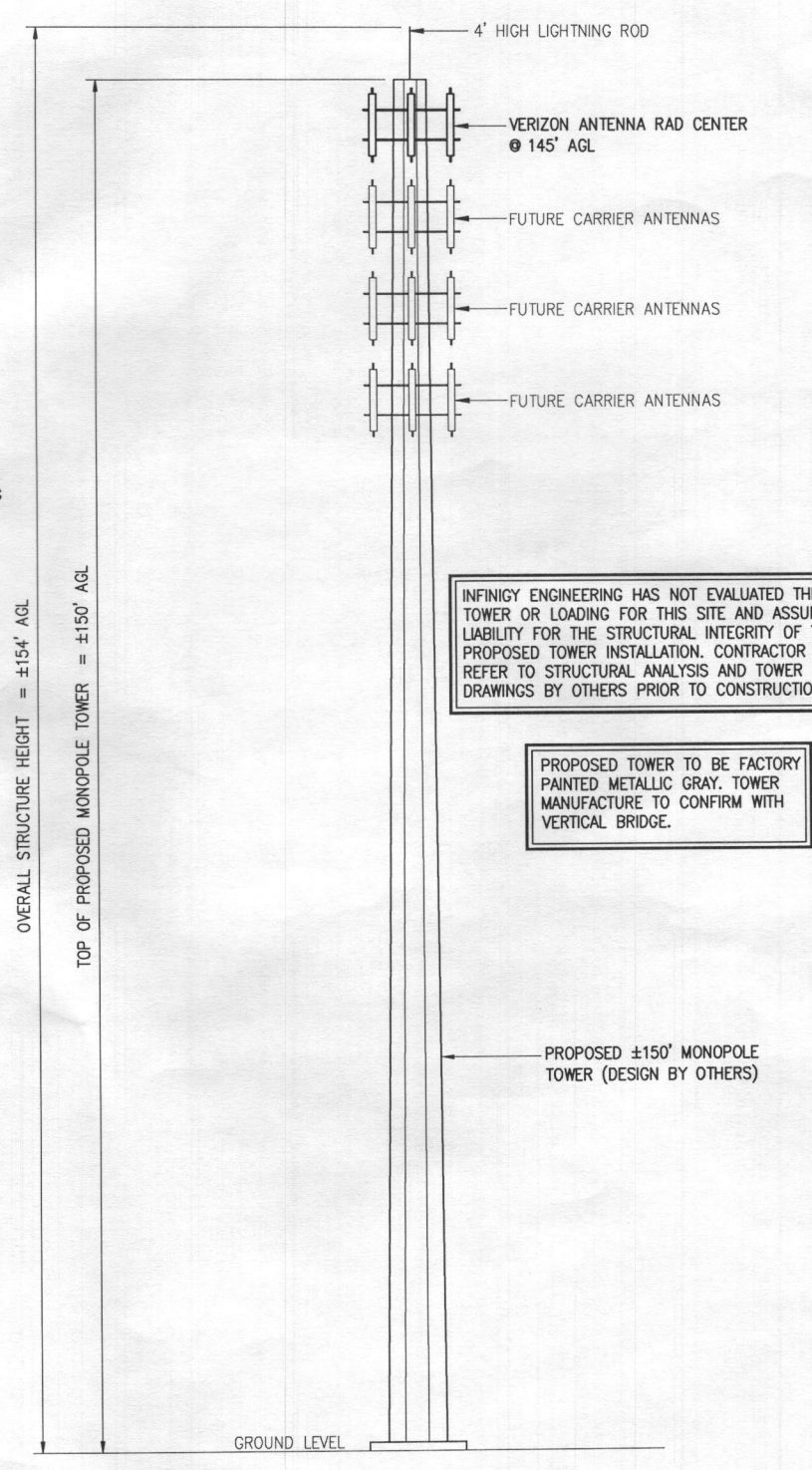
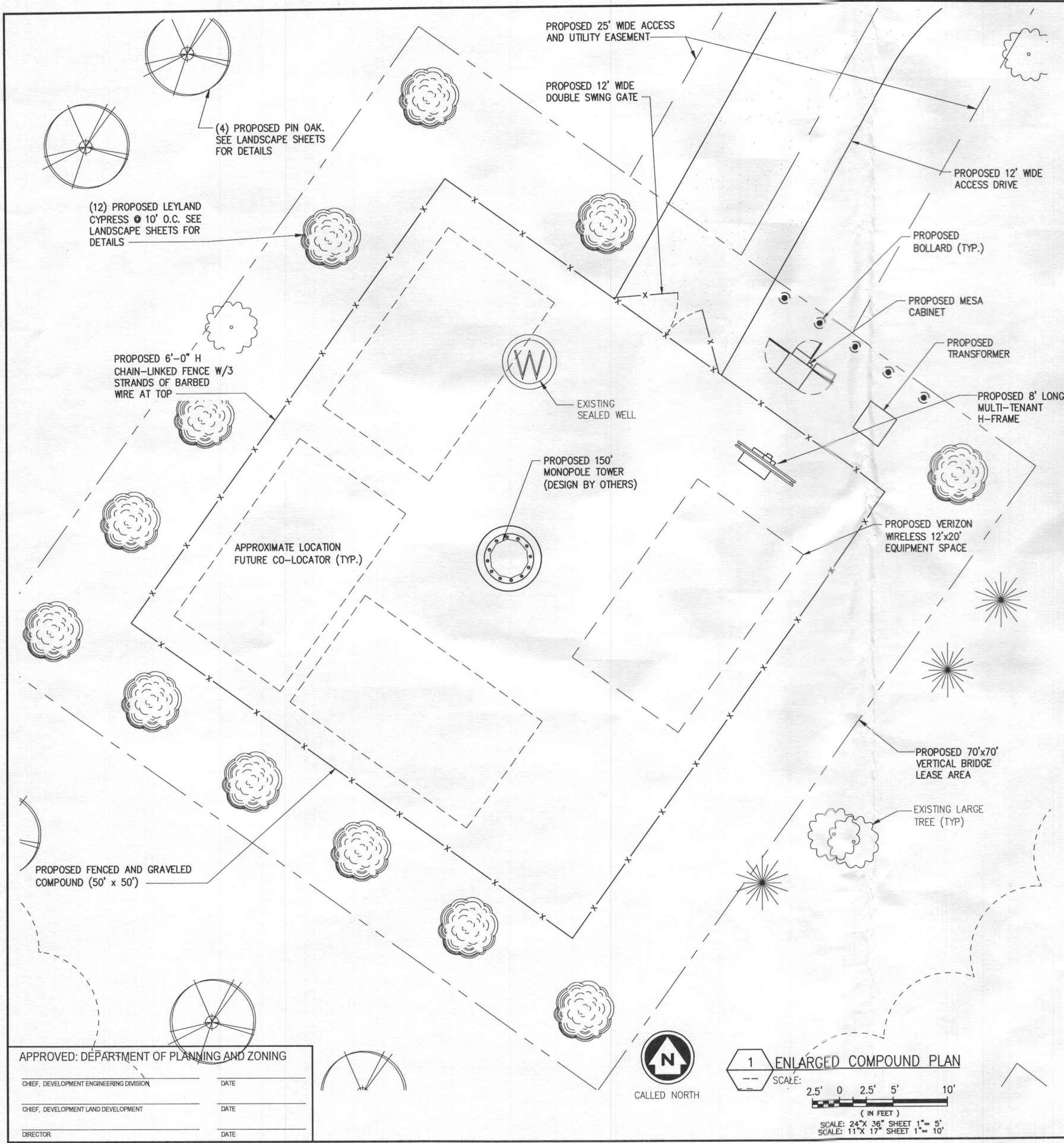
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SHEET 4 OF 8



INFINIGY ENGINEERING HAS NOT EVALUATED THE TOWER OR LOADING FOR THIS SITE AND ASSUMES NO LIABILITY FOR THE STRUCTURAL INTEGRITY OF THE PROPOSED TOWER INSTALLATION. CONTRACTOR TO REFER TO STRUCTURAL ANALYSIS AND TOWER DRAWINGS BY OTHERS PRIOR TO CONSTRUCTION.

PROPOSED TOWER TO BE FACTORY PAINTED METALLIC GRAY. TOWER MANUFACTURE TO CONFIRM WITH VERTICAL BRIDGE.

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1 ENLARGED COMPOUND PLAN

SCALE: 2.5' 0 2.5' 5' 10'

(IN FEET)

SCALE: 24" X 36" SHEET 1" = 5'

SCALE: 11" X 17" SHEET 1" = 10'

2 TOWER ELEVATION

NOT TO SCALE

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Drawing Title
COMPOUND PLAN & TOWER ELEVATION

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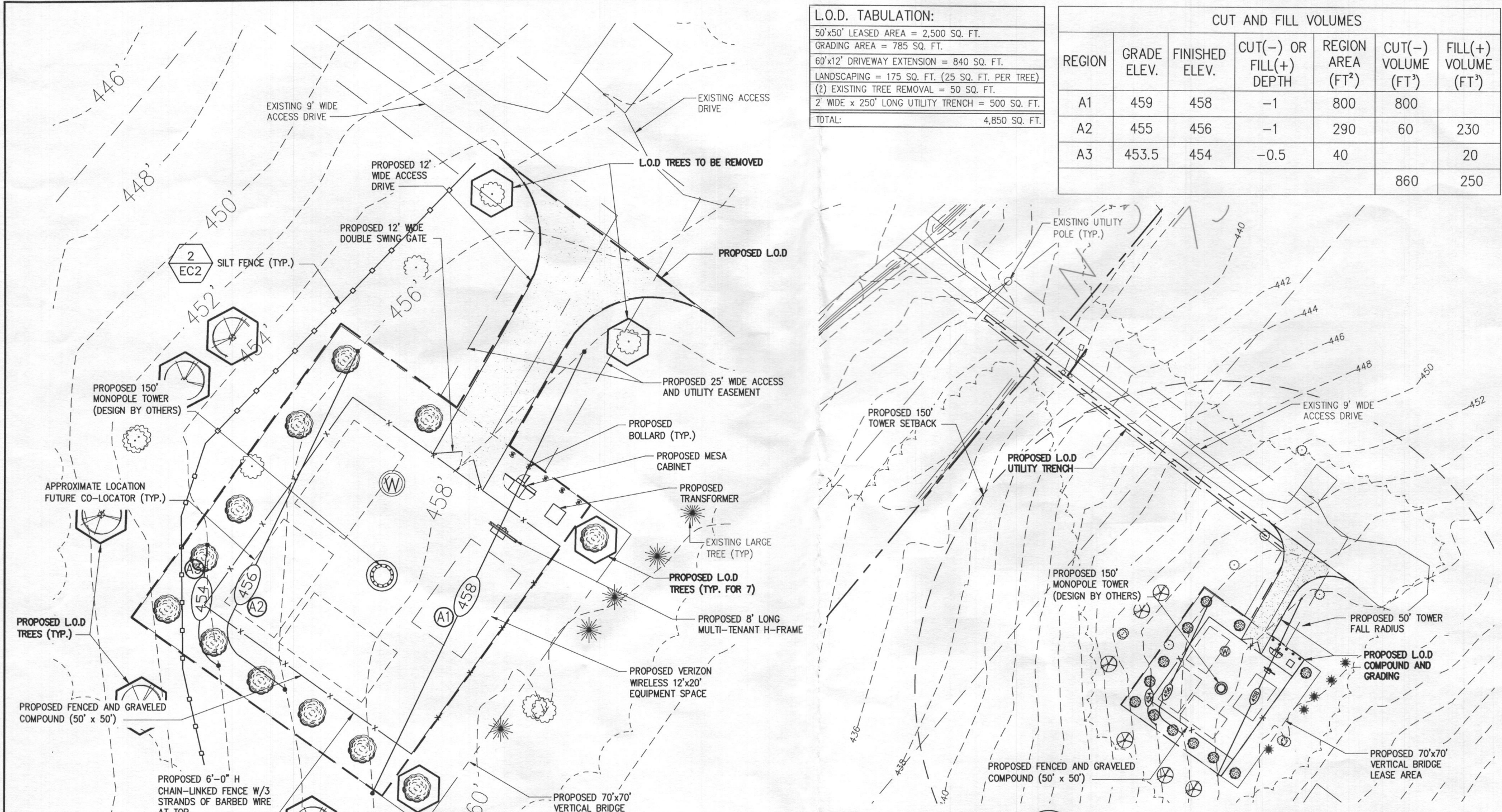
SHEET 5 OF 8

L.O.D. TABULATION:

50'x50' LEASED AREA = 2,500 SQ. FT.
GRADING AREA = 785 SQ. FT.
60'x12' DRIVEWAY EXTENSION = 840 SQ. FT.
LANDSCAPING = 175 SQ. FT. (25 SQ. FT. PER TREE)
(2) EXISTING TREE REMOVAL = 50 SQ. FT.
2' WIDE x 250' LONG UTILITY TRENCH = 500 SQ. FT.
TOTAL: 4,850 SQ. FT.

CUT AND FILL VOLUMES

REGION	GRADE ELEV.	FINISHED ELEV.	CUT(-) OR FILL(+) DEPTH	REGION AREA (FT ²)	CUT(-) VOLUME (FT ³)	FILL(+) VOLUME (FT ³)
A1	459	458	-1	800	800	
A2	455	456	-1	290	60	230
A3	453.5	454	-0.5	40		20
					860	250



ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF HOWARD SOIL CONSERVATION DISTRICT.

DATE

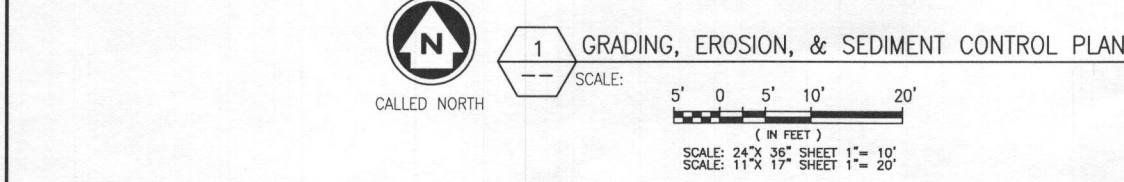
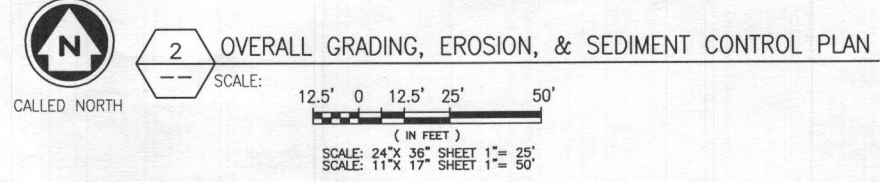
SIGNATURE OF ENGINEER (print name below signature)

ENGINEER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

DATE

SIGNATURE OF ENGINEER (print name below signature)



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Engineer Stamp

Drawing Title: DRAINAGE, GRADING & EROSION CONTROL PLAN

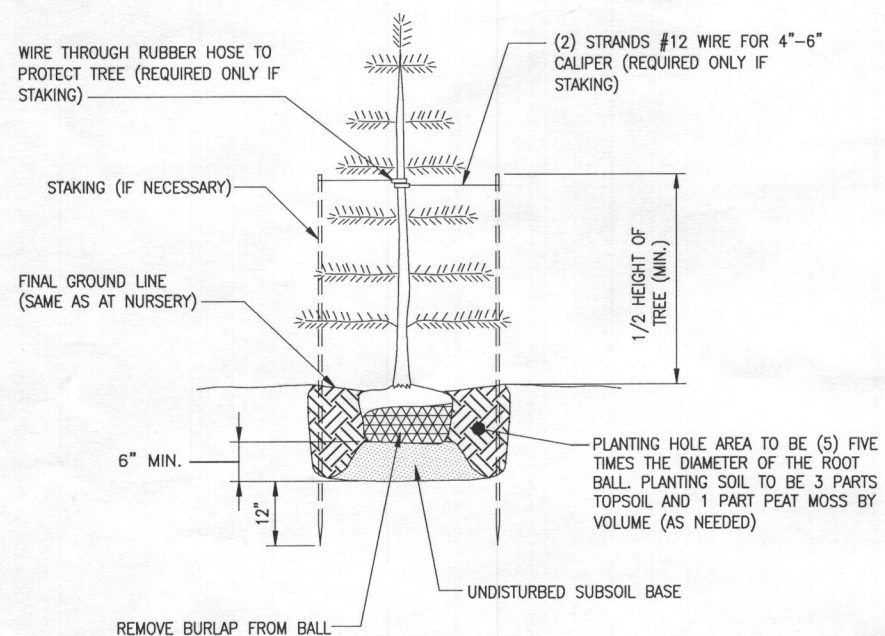
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SHEET 6 OF 8



1 EVERGREEN TREE PLANTING DETAIL
 NOT TO SCALE
 5' HT. - USE 2 STAKES, 1/2 HT. OF TREE +2'

LANDSCAPE NOTES

A. PROJECT INCLUDES

1. FURNISH, INSTALL, AND MAINTAIN LANDSCAPE WORK AS SHOWN ON THESE CONTRACT DRAWINGS OR AS IDENTIFIED HEREIN.
 - A. TREES, SHRUBS AND GROUND COVER.
 - B. LAWNS.
 - C. TOPSOIL AND SOIL AMENDMENTS.
 - D. INITIAL MAINTENANCE OF INSTALLED LANDSCAPE MATERIAL.
 - E. PRUNING AND RELOCATION OF EXISTING PLANT MATERIALS.
 - F. RECONDITIONING EXISTING LAWNS AFFECTED BY CONSTRUCTION ACTIVITIES.

B. QUALITY ASSURANCE

1. PLANTS AND TREES: BALLED AND BURLAPED PLANTS AND TREES SHALL BE GRADED TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI C80.1.
2. TESTING: LABORATORY TESTING OF EXISTING SOILS AND FILL MATERIALS FOR SUITABLE SOIL AMENDMENTS AND FERTILIZER SHALL BE PERFORMED BY THE LANDSCAPE CONTRACTOR.
3. CONTRACTOR SHALL PREPARE THE SURFACE OF DISTURBED AREAS PRIOR TO SEEDING.
4. FERTILIZER AND SEED SHALL BE APPLIED AT UNIFORM RATES AS DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL WATER SEEDED AREAS AS OFTEN AS REQUIRED TO OBTAIN GERMINATION AND TO OBTAIN AND MAINTAIN SATISFACTORY GROWTH.
6. THE STAND OF VEGETATIVE COVER RESULTING FROM SEEDING SHALL NOT BE CONSIDERED SATISFACTORY UNTIL ACCEPTED BY THE ENGINEER, IF AREAS ARE DETERMINED TO BE UNACCEPTABLE, THE MULCH WILL BE REMOVED AND ALL AREAS SHALL BE RESEED, REFERTILIZED AND REMULCHED PER RECOMMENDED APPLICATION PROCEDURES AT THE CONTRACTORS EXPENSE.
7. THE CONTRACTOR SHALL BEGIN MAINTENANCE PERIOD IMMEDIATELY AFTER PLANTING OF VEGETATIVE COVER.
8. THE CONTRACTOR SHALL MAINTAIN THE VEGETATIVE COVER AREA, FOR THE PERIODS REQUIRED TO ESTABLISH AN ACCEPTABLE GROWTH, BUT NOT LESS THAN 60 DAYS AFTER THE COMPLETION OF PLANTING OF VEGETATIVE COVER. IF SEEDING IN THE FALL AND NOT GIVEN A FULL 60 DAYS OF MAINTENANCE, OR IF NOT CONSIDERED ACCEPTABLE BY THE ENGINEER AT THAT TIME, CONTINUE MAINTENANCE DURING THE FOLLOWING SPRING UNTIL ACCEPTABLE VEGETATIVE COVER STAND IS ESTABLISHED.

C. PRODUCTS

1. PLANT MATERIALS SHALL BE AS SHOWN ON THESE CONTRACT DRAWINGS AND MAY BE ANY COMBINATION OF THE FOLLOWING:
 - A. DECIDUOUS TREES.
 - B. DECIDUOUS SHRUBS.
 - C. CONIFEROUS AND BROAD LEAFED EVERGREEN TREES AND SHRUBS.
 - D. GROUND COVER.
 - E. PLANTS.
2. LAWNS: LAWN MAY BE ANY OF THE FOLLOWING, AS APPROVED BY THE ENGINEER: SEED; NEW CROP SEED MIXTURE; SOD, STRONGLY ROOTED, 2 YEARS OLD; OR SOD PLUGS AND SPRIGS.
3. TOPSOIL: FERTILE, FRIABLE TOPSOIL FROM OFFSITE, OR FROM SITE STOCKPILE WITH ADDITIONAL MIXED-IN FERTILE, FRIABLE TOPSOIL FROM LOCAL SUPPLIERS OF TOPSOIL.
4. SOIL AMENDMENTS: THE SOIL AMENDMENTS MAY BE ANY OF THE FOLLOWING, AS REQUIRED OR INDICATED IN THE LABORATORY TESTING REPORTS.
 - A. LIME: DOLOMITIC LIMESTONE.
 - B. ALUMINUM SULFATE: COMMERCIAL GRADE.
 - C. PEAT HUMUS: FINELY DIVIDED PEAT.
 - D. SUPERPHOSPHATE: 20 PERCENT AVAILABLE PHOSPHORIC ACID.
 - E. SAND: CLEAN, WASHED SAND.
 - F. PERLITE: NBS PS 23.
 - G. SAWDUST: ROTTED SAWDUST FREE OF CHIPS AND STONES.
 - H. MANURE: ROTTED STABLE MANURE.
 - I. COMMERCIAL FERTILIZER: NEUTRAL CHARACTER FOR PLANT MATERIALS AND LAWNS.
 - J. MULCH: SHREDDED HARDWOOD MULCH.
5. LANDSCAPE MATERIALS: THE LANDSCAPE MATERIALS MAY BE ANY OF THE FOLLOWING, AS SHOWN ON THESE CONTRACT DRAWINGS.
 - A. GRAVEL: WATER-WORN GRAVEL.
 - B. ANTI-EROSION MULCH: SEED-FREE SALT HAY OR THRESHED STRAW.
 - C. ANTI-DESICCANT: EMULSION TYPE, FILM-FORMING.
 - D. PLASTIC SHEET: BLACK POLYETHYLENE, 8 MILS.
 - E. FILTRATION FABRIC: WATER PERMEABLE FIBERGLASS OR POLYPROPYLENE FABRIC.
 - F. WRAPPING: TREE-WRAP TAPE.
 - G. STAKES AND GUYS: NEW HARDWOOD, TREATED SOFTWOOD, OR REDWOOD.
 - H. METAL EDGING: COMMERCIAL STEEL EDGING.
 - I. WOOD HEADERS AND EDGING: ALL HEART REDWOOD OR PRESSURE TREATED SOUTHERN YELLOW PINE.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____
 CHIEF, DEVELOPMENT LAND DEVELOPMENT _____ DATE _____
 DIRECTOR _____ DATE _____



No.	Submital / Revision	App'd	Date
7	ISSUED FOR ZONING	CJW	04/06/18
6	ISSUED FOR ZONING	CJW	02/07/18
5	ISSUED FOR ZONING	CJW	11/15/17
4	ISSUED FOR ZONING	CJW	10/26/17
3	ISSUED FOR ZONING	CJW	06/26/17
2	ISSUED FOR ZONING	CJW	05/22/17
1	ISSUED FOR ZONING	CJW	03/23/17
0	ISSUED FOR ZONING	CJW	03/01/17

Drawn: PHR Date: 03/01/17
 Designed: PHR Date: 03/01/17
 Checked: CJW Date: 03/01/17

Project Number 404-062
 Project Title
 US-MD-5045
 TRIADELPHIA
 3075 ROUTE 32
 WEST FRIENDSHIP, MD 21794

Engineer Stamp

Drawing Title
 LANDSCAPE DETAILS

Drawing Scale:
 AS NOTED
 ZD
 Date:
 03/01/17

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Drawing Number
 Z7
 SHEET 8 OF 8