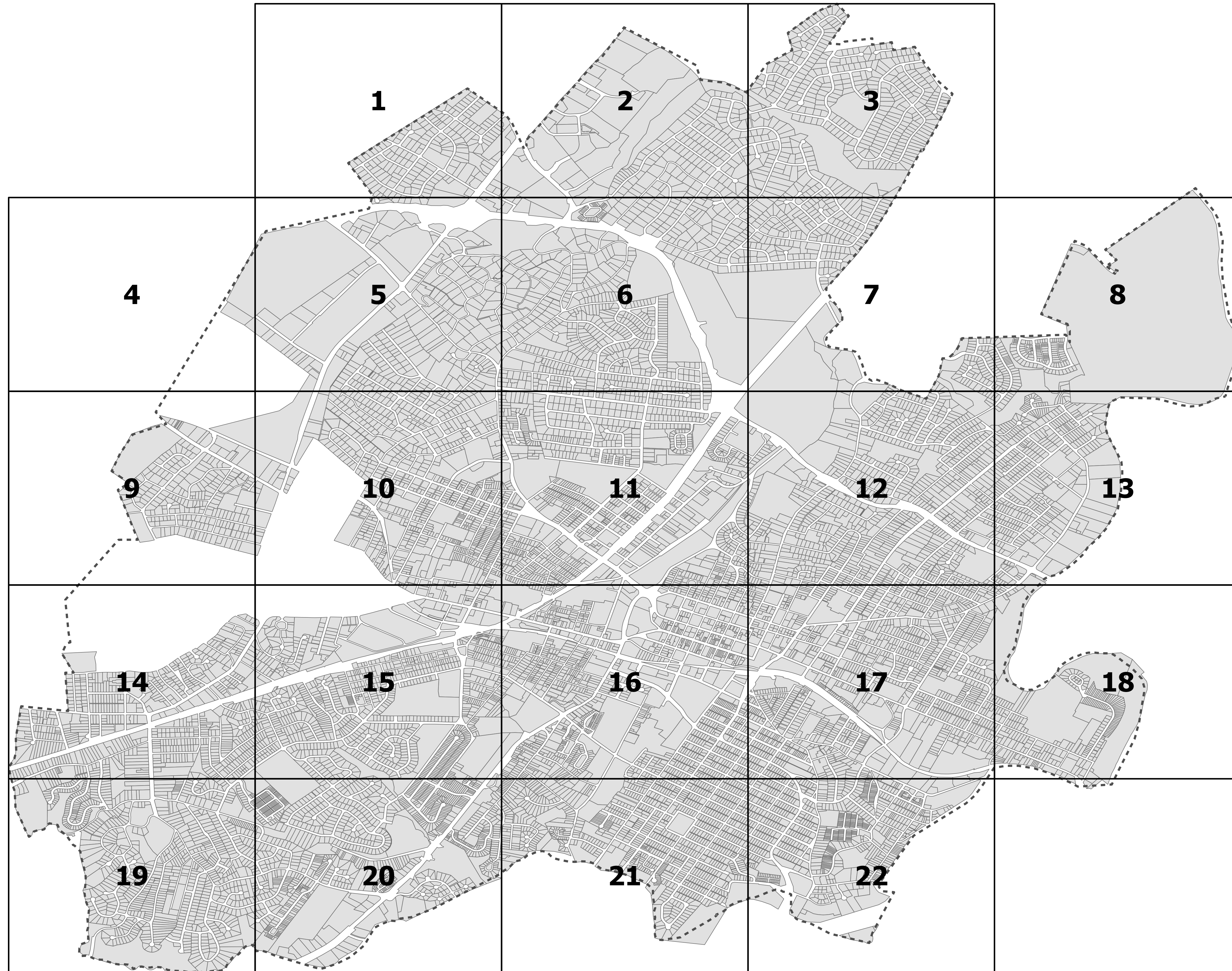
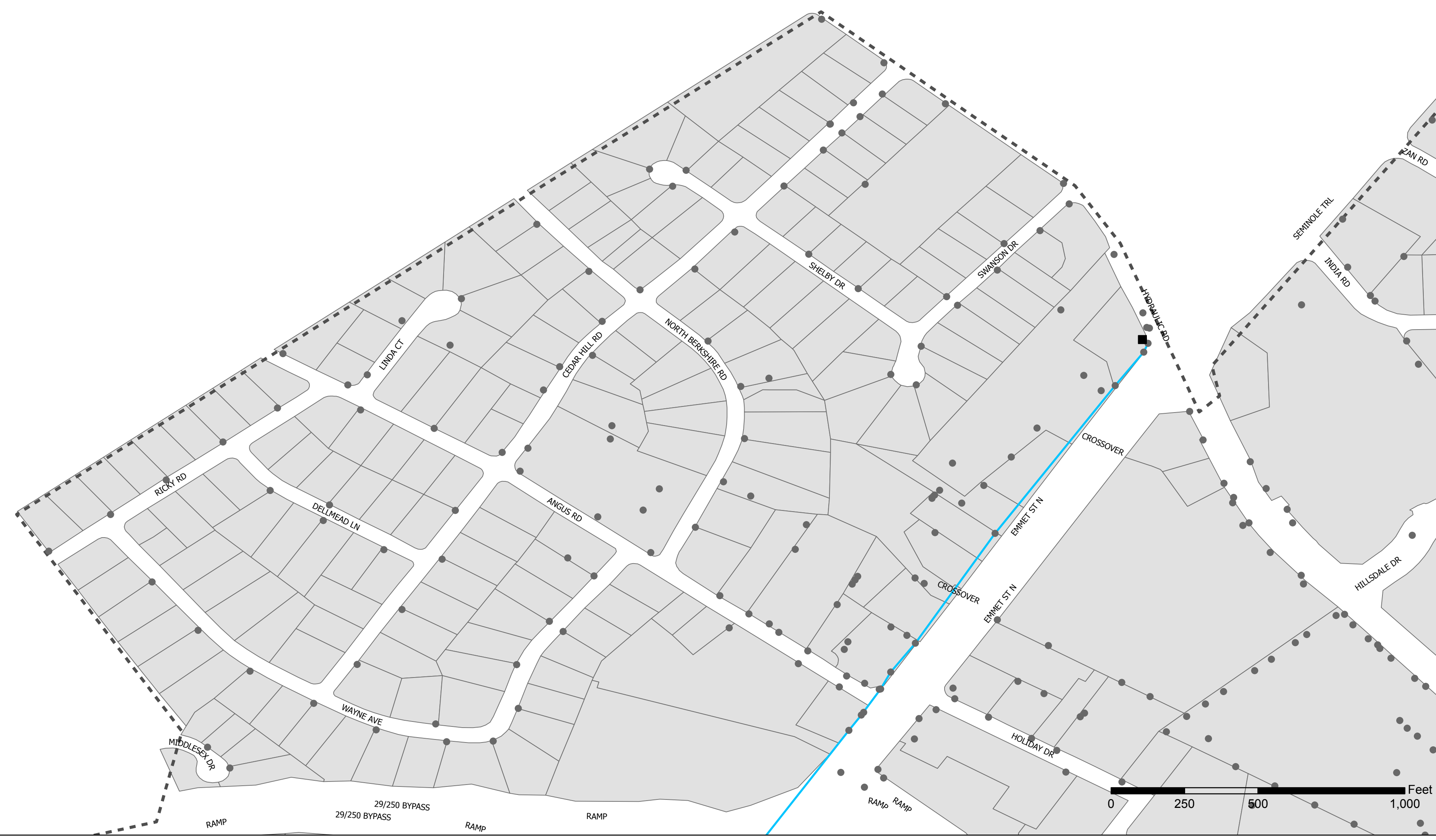


# EXHIBIT A

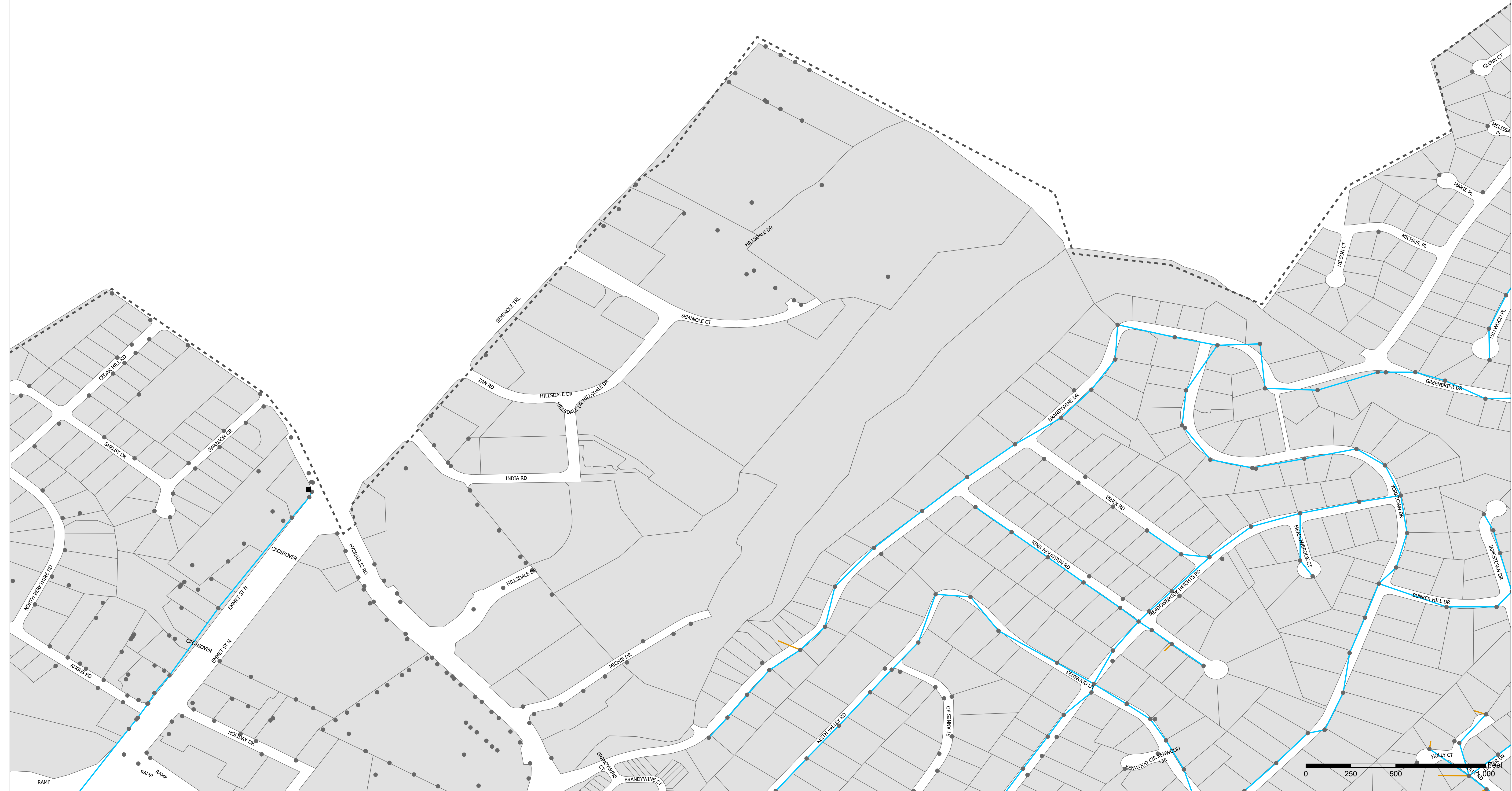


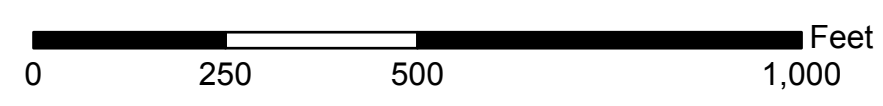
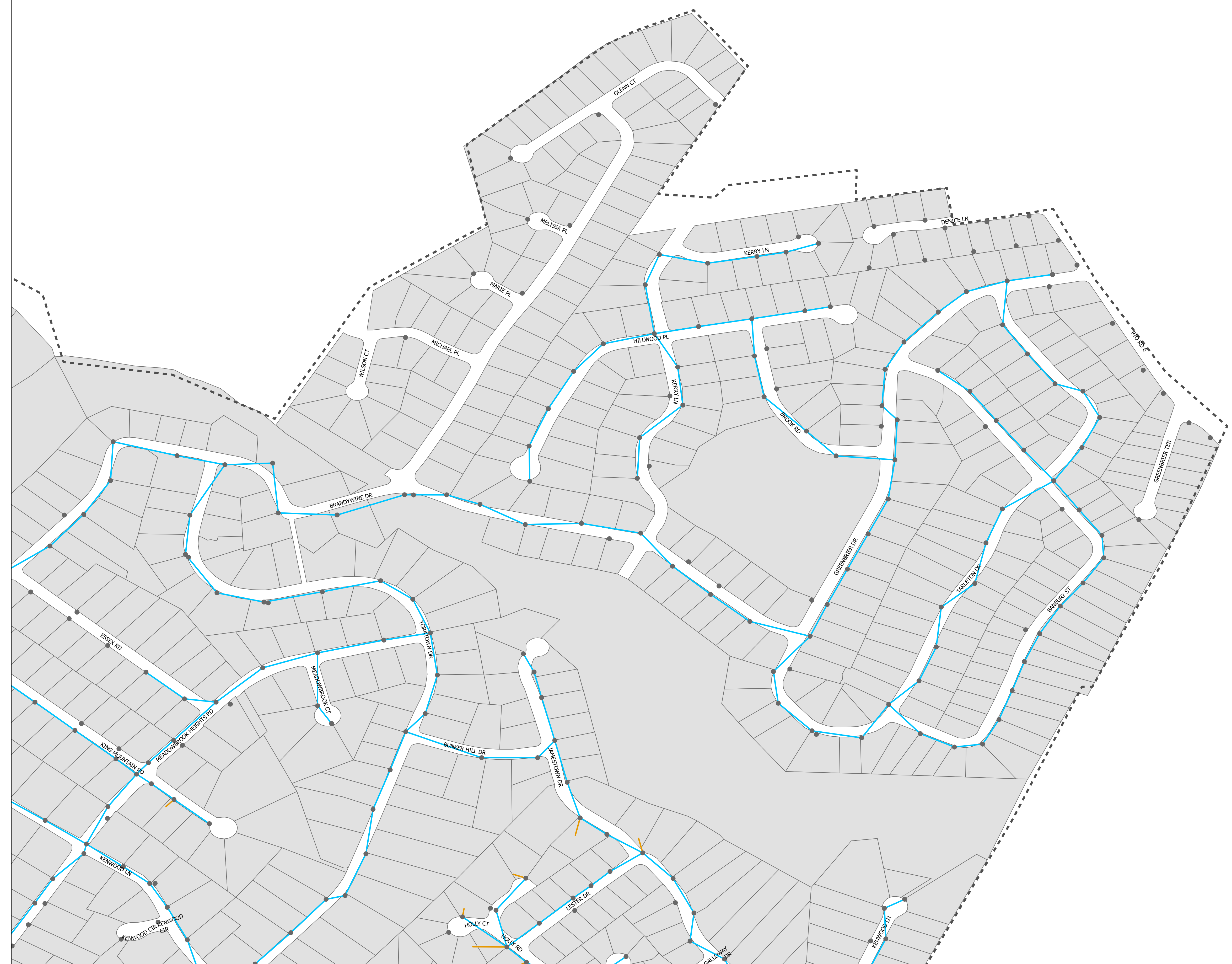
Charlottesville Fiber Locations



### Legend

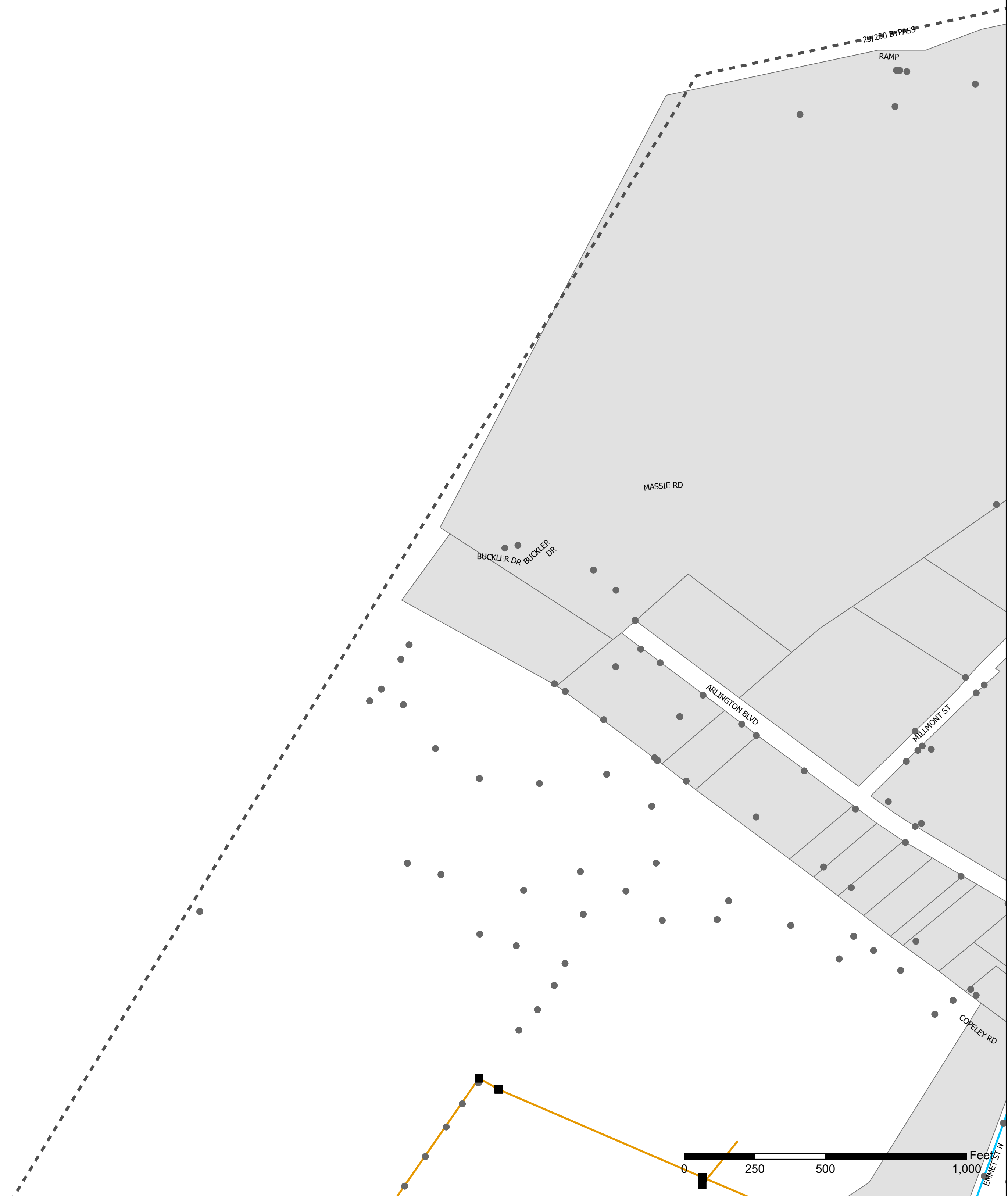
- Underground Access Point
- Utility Pole
- Aerial Fiber Route
- Conduit with Fiber
- - - City Limits
- ⬠ Cabinets

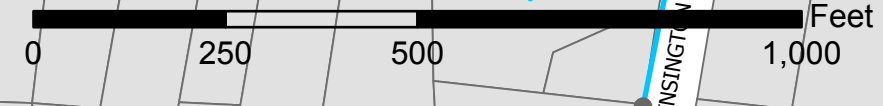




### Legend

- Underground Access Point
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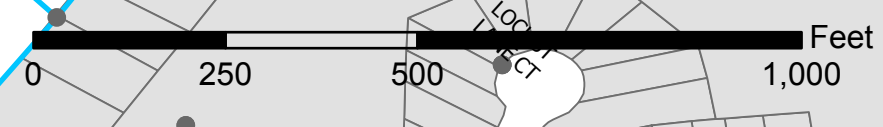
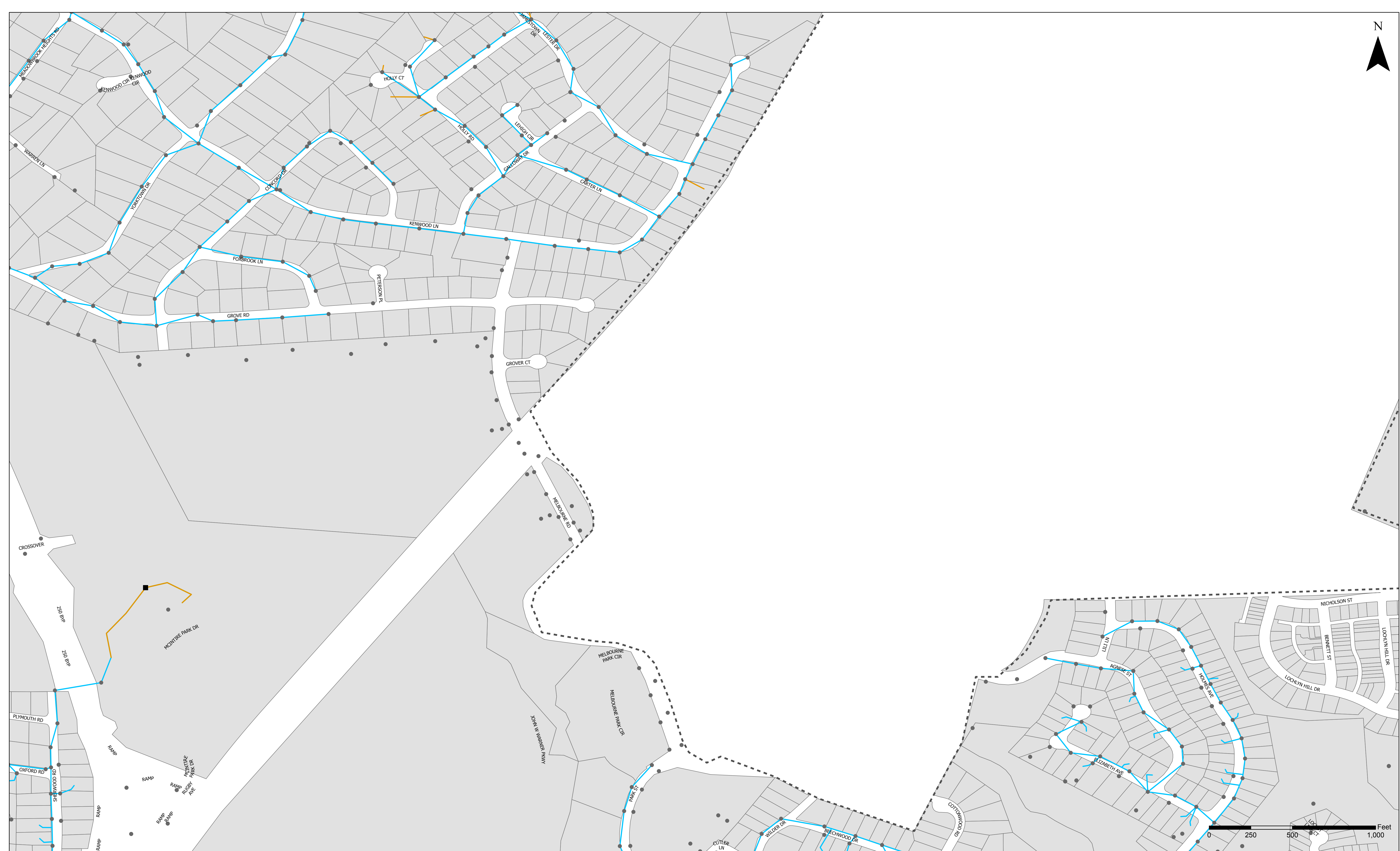




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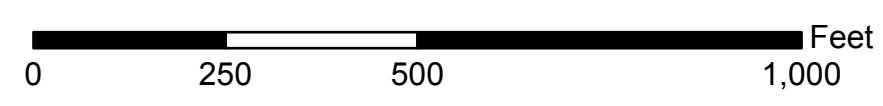
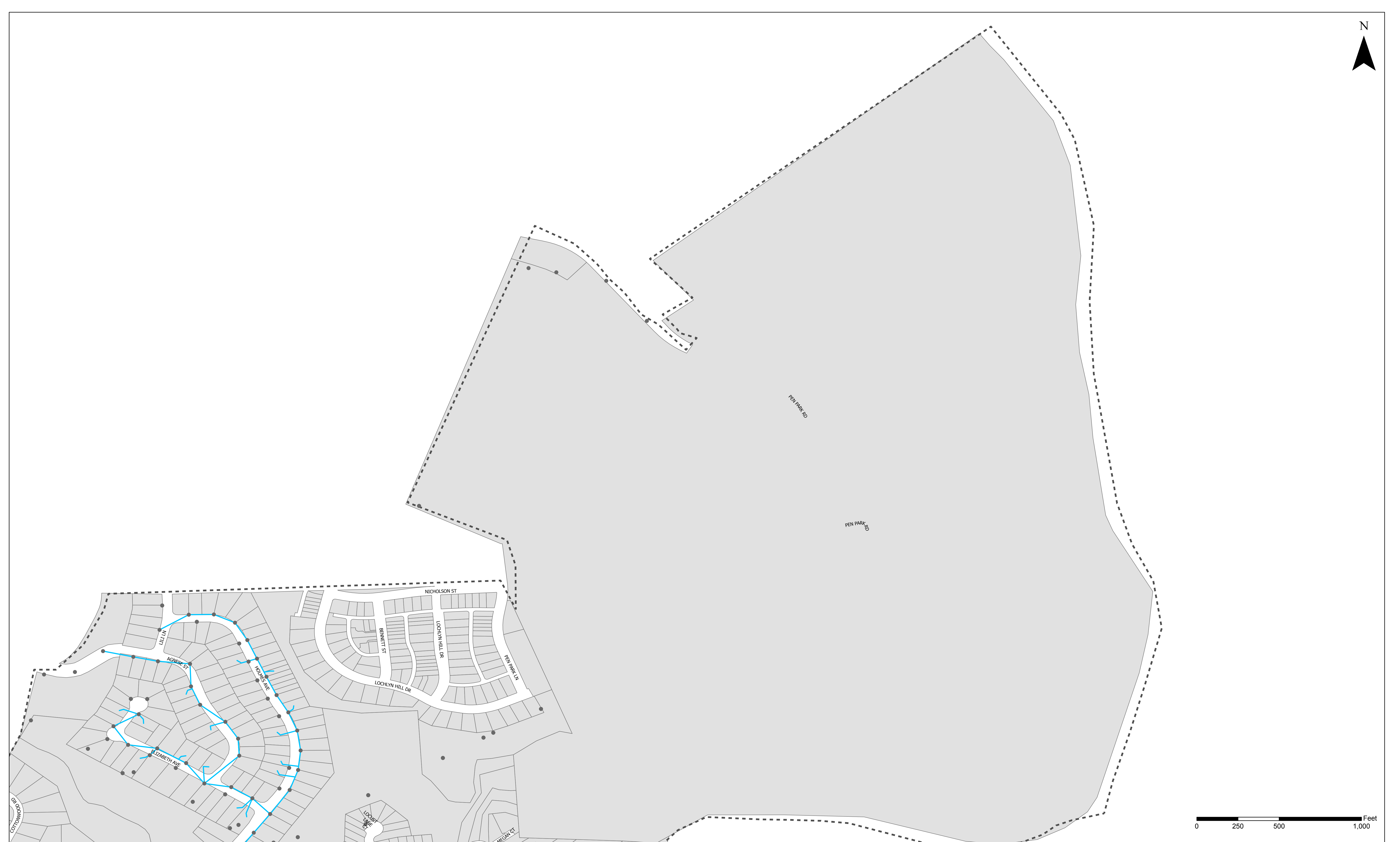
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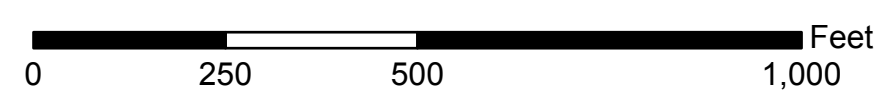
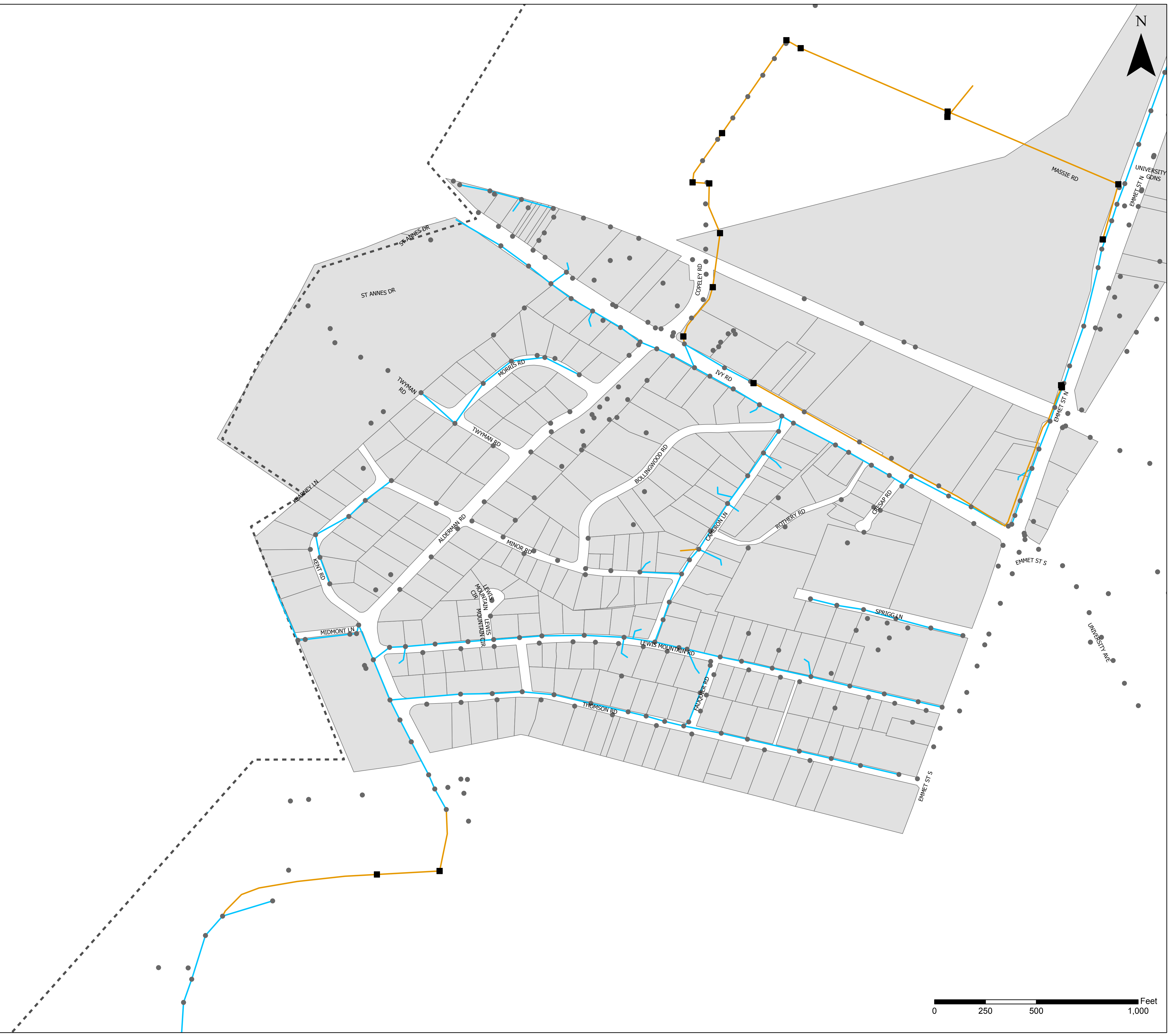
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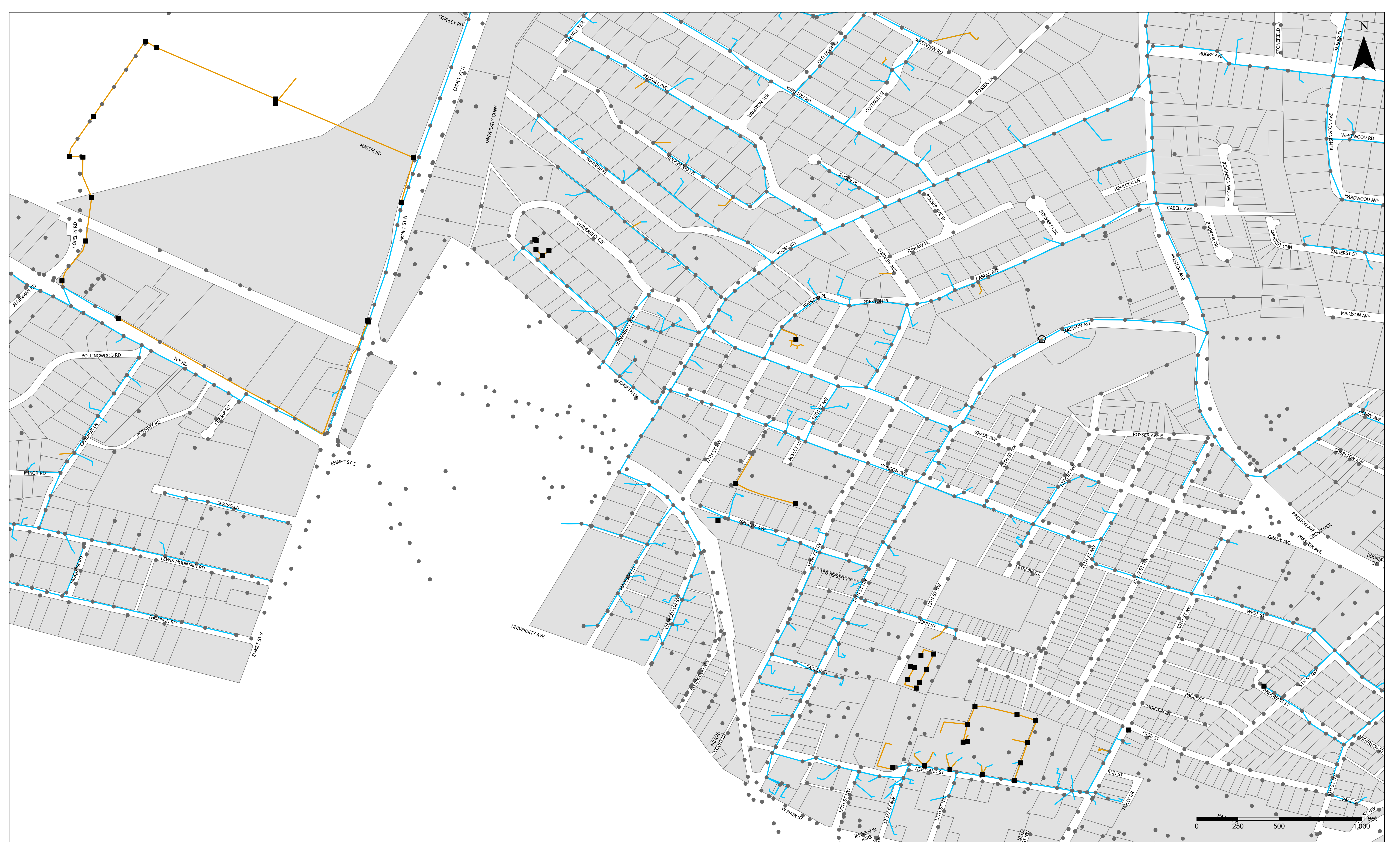
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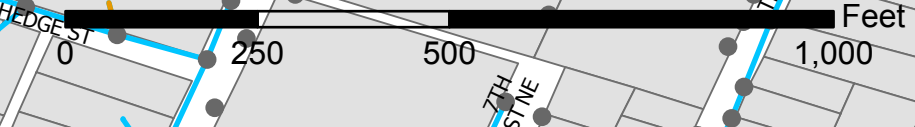
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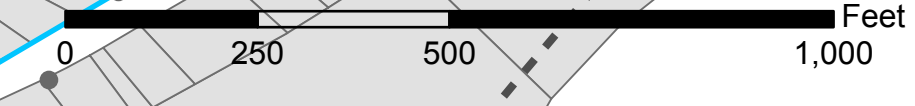


Legend

- Underground Access Point
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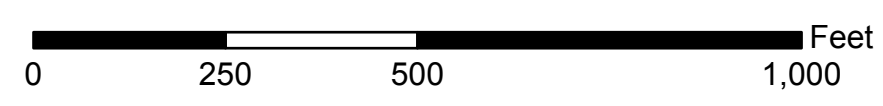
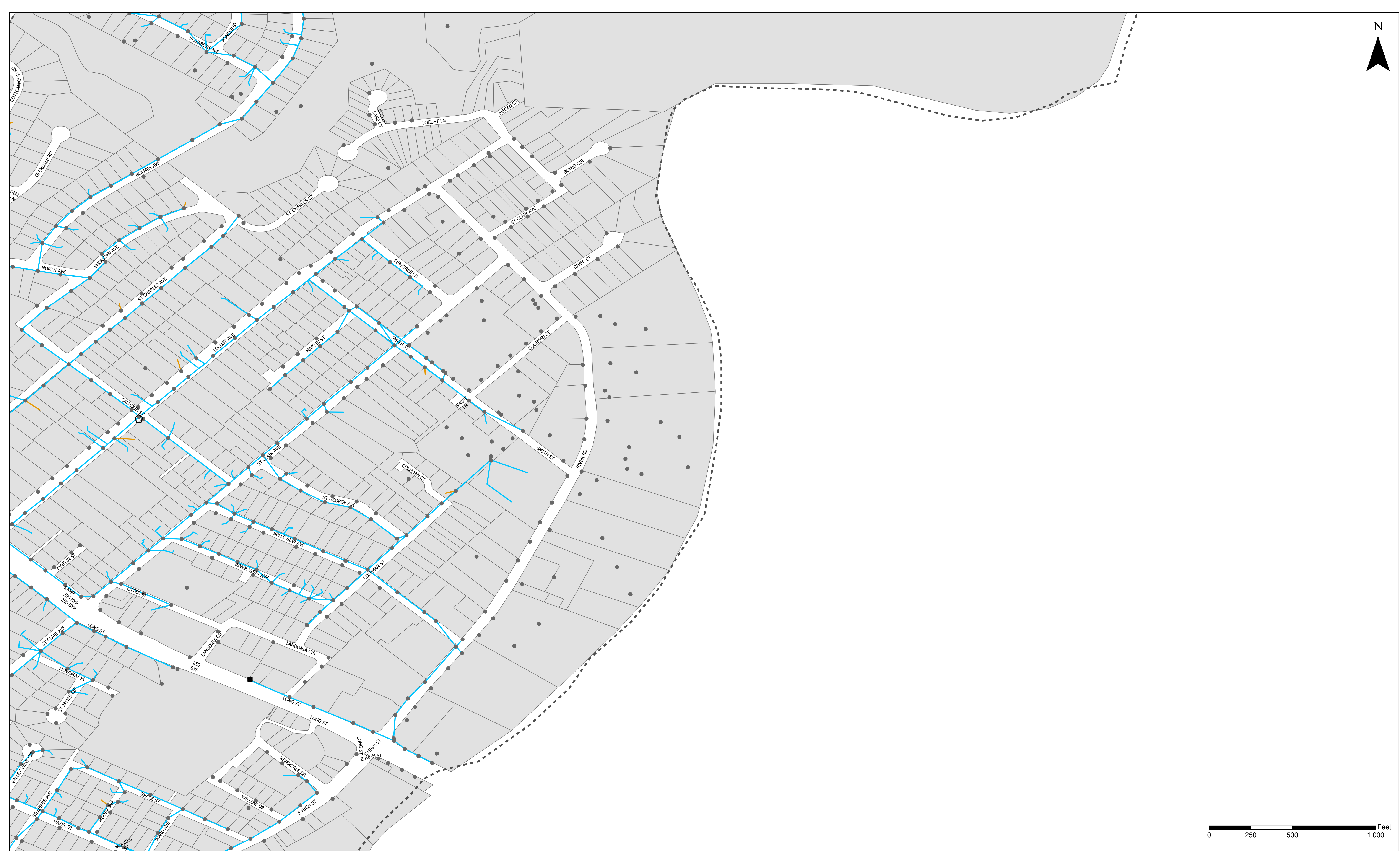


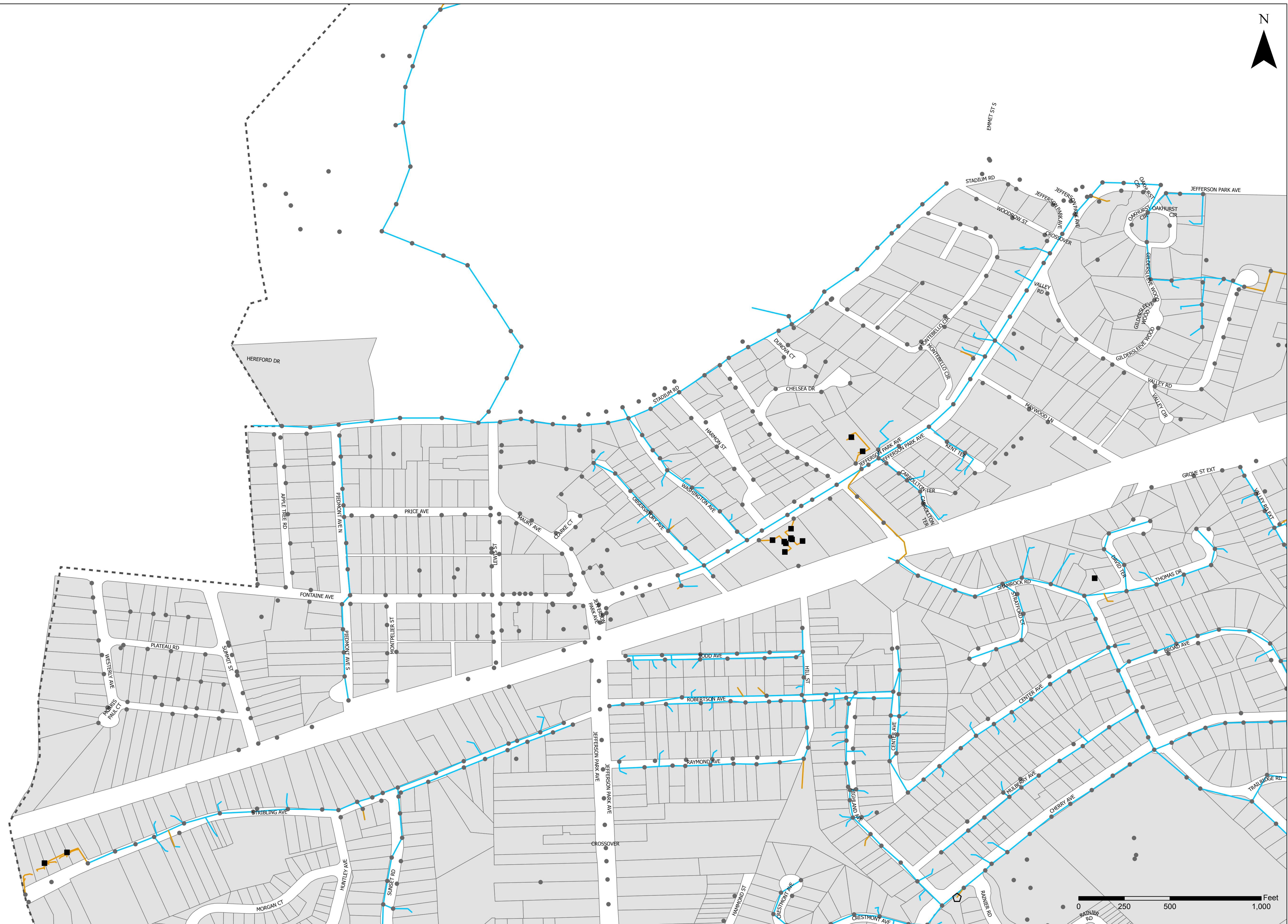


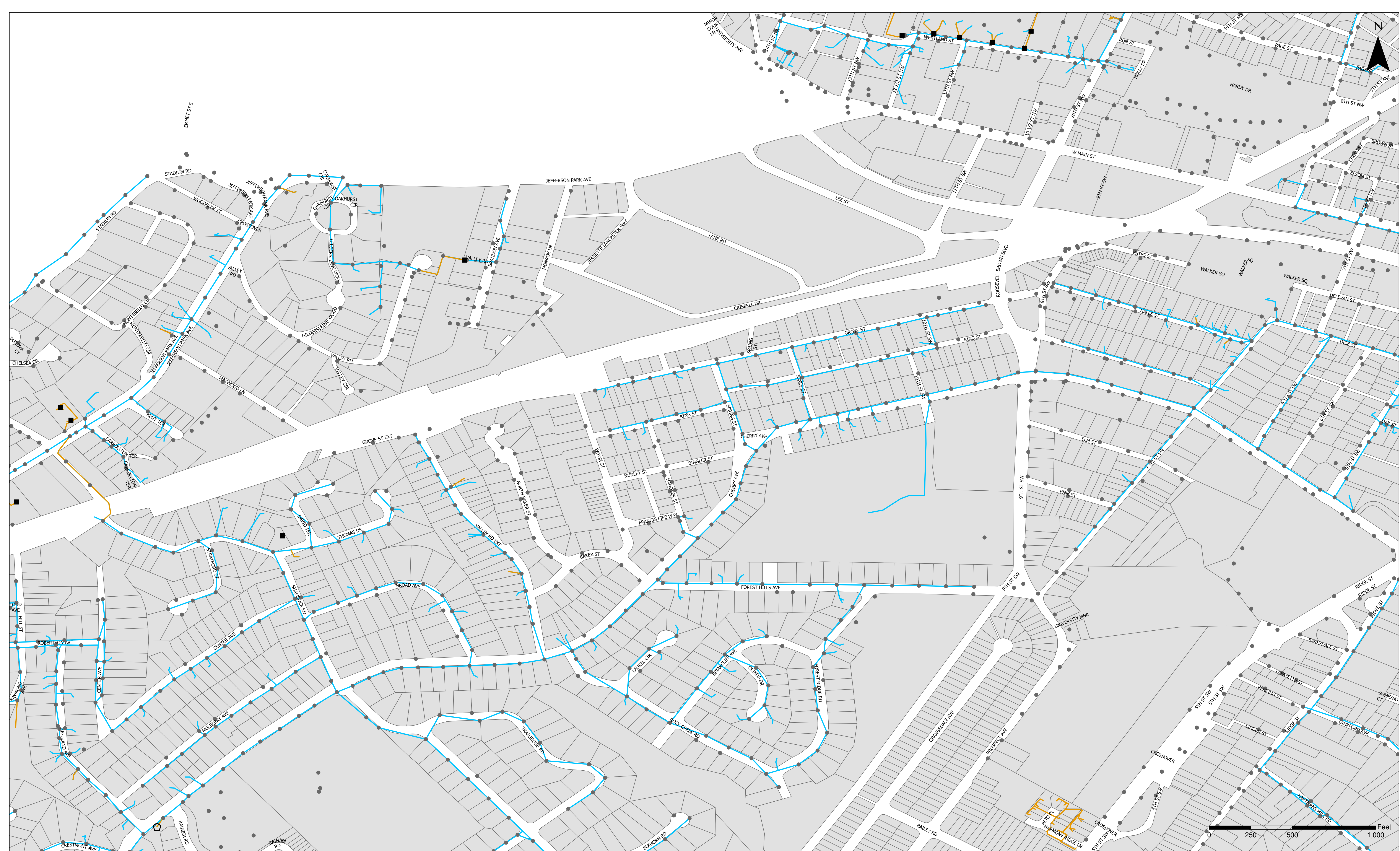


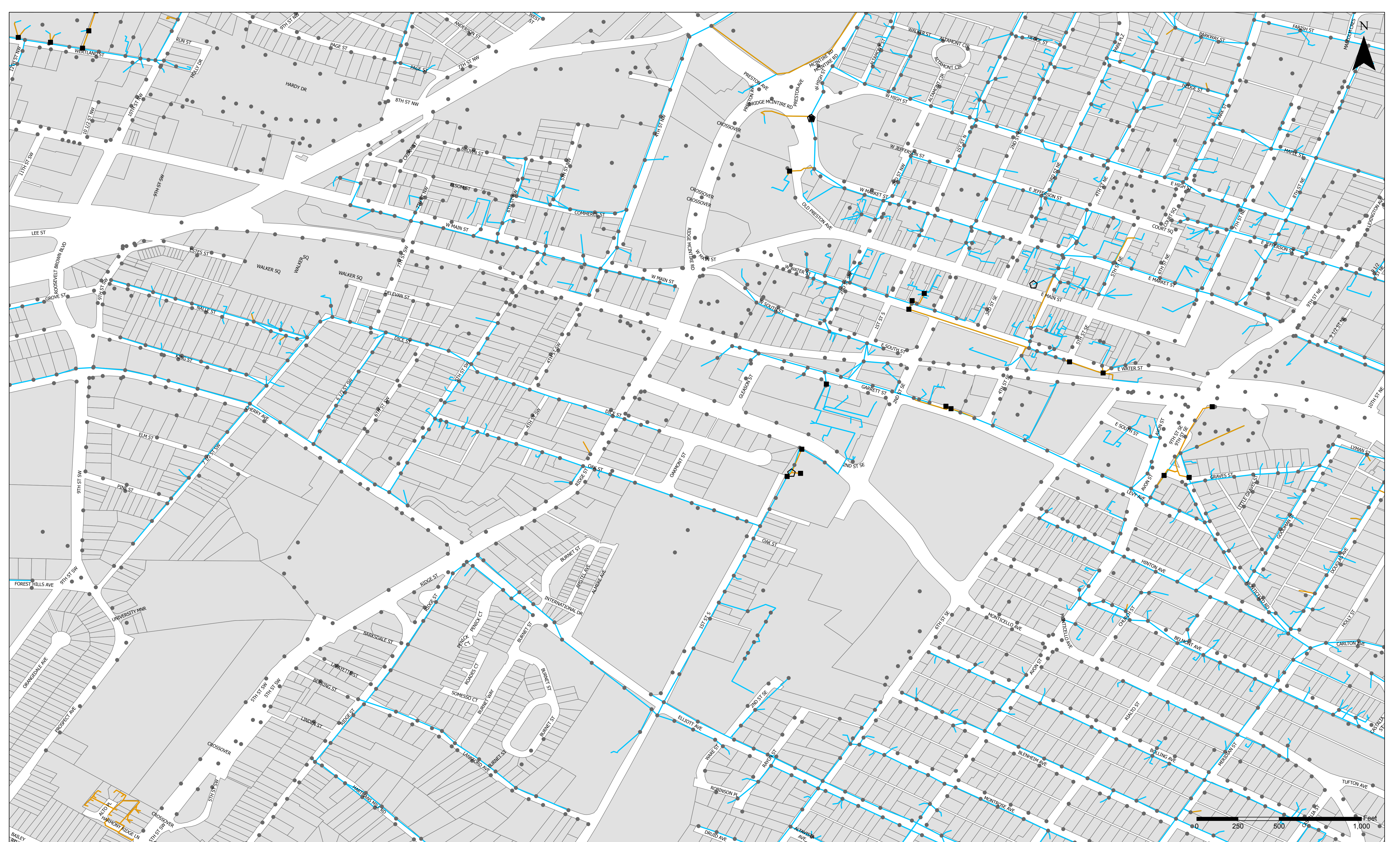
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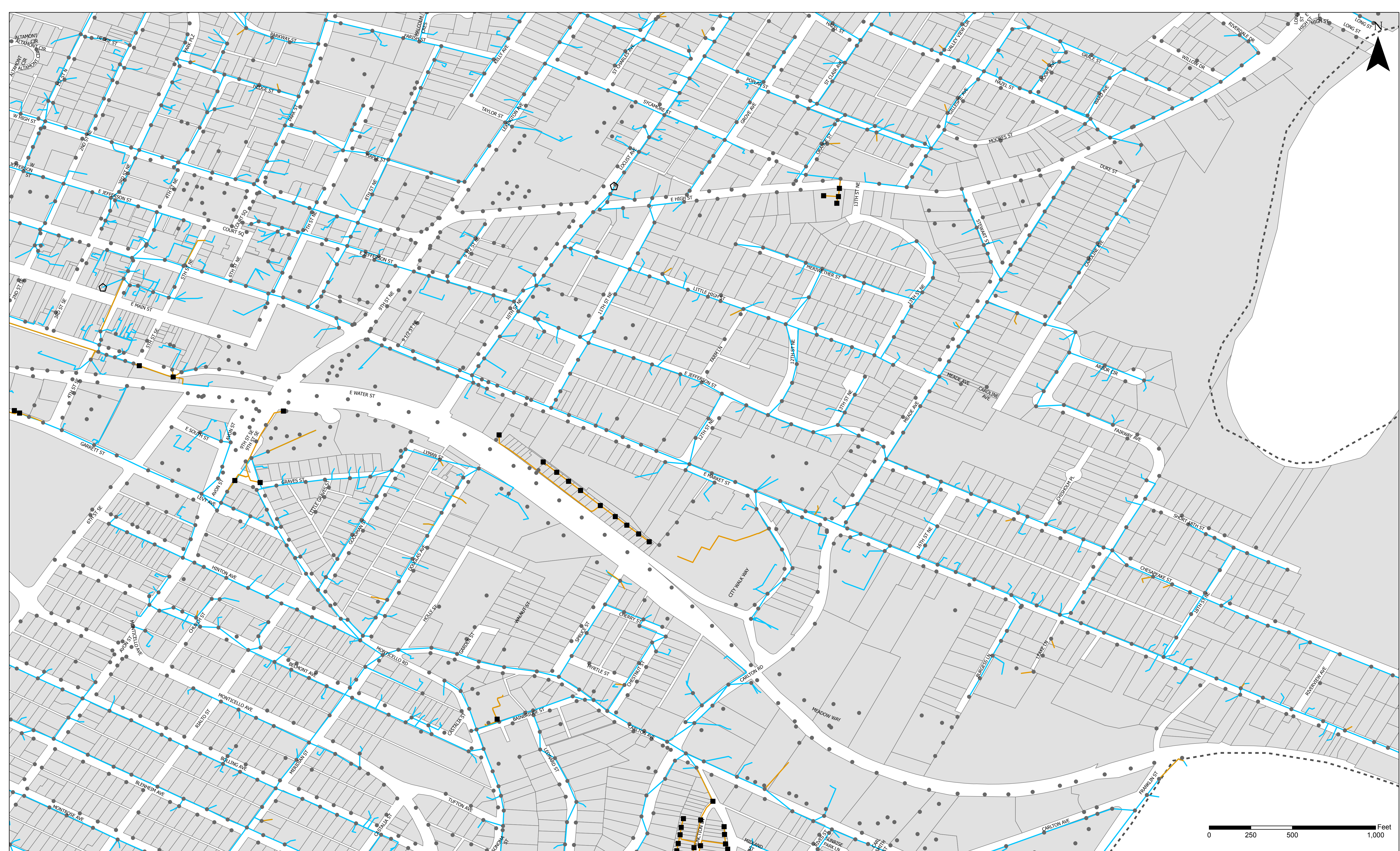
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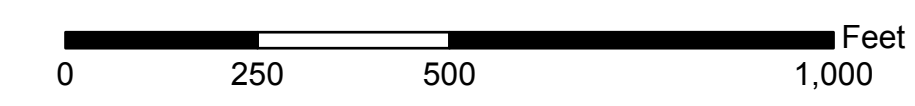
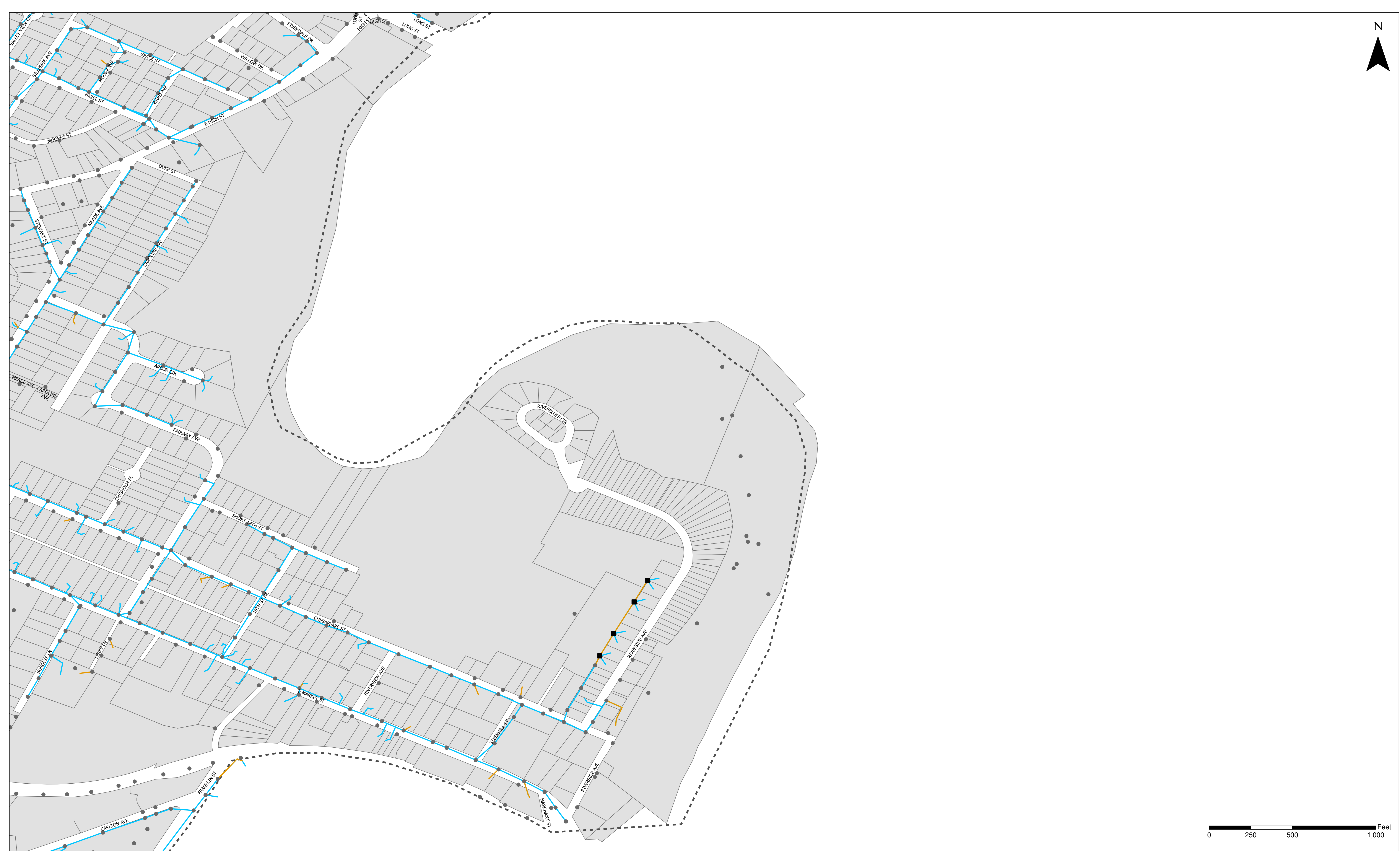
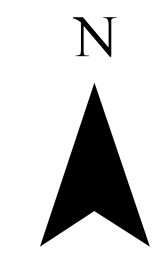


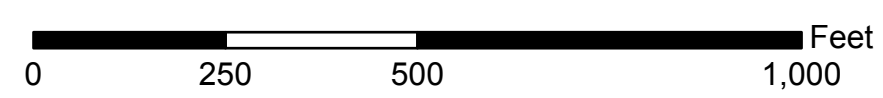
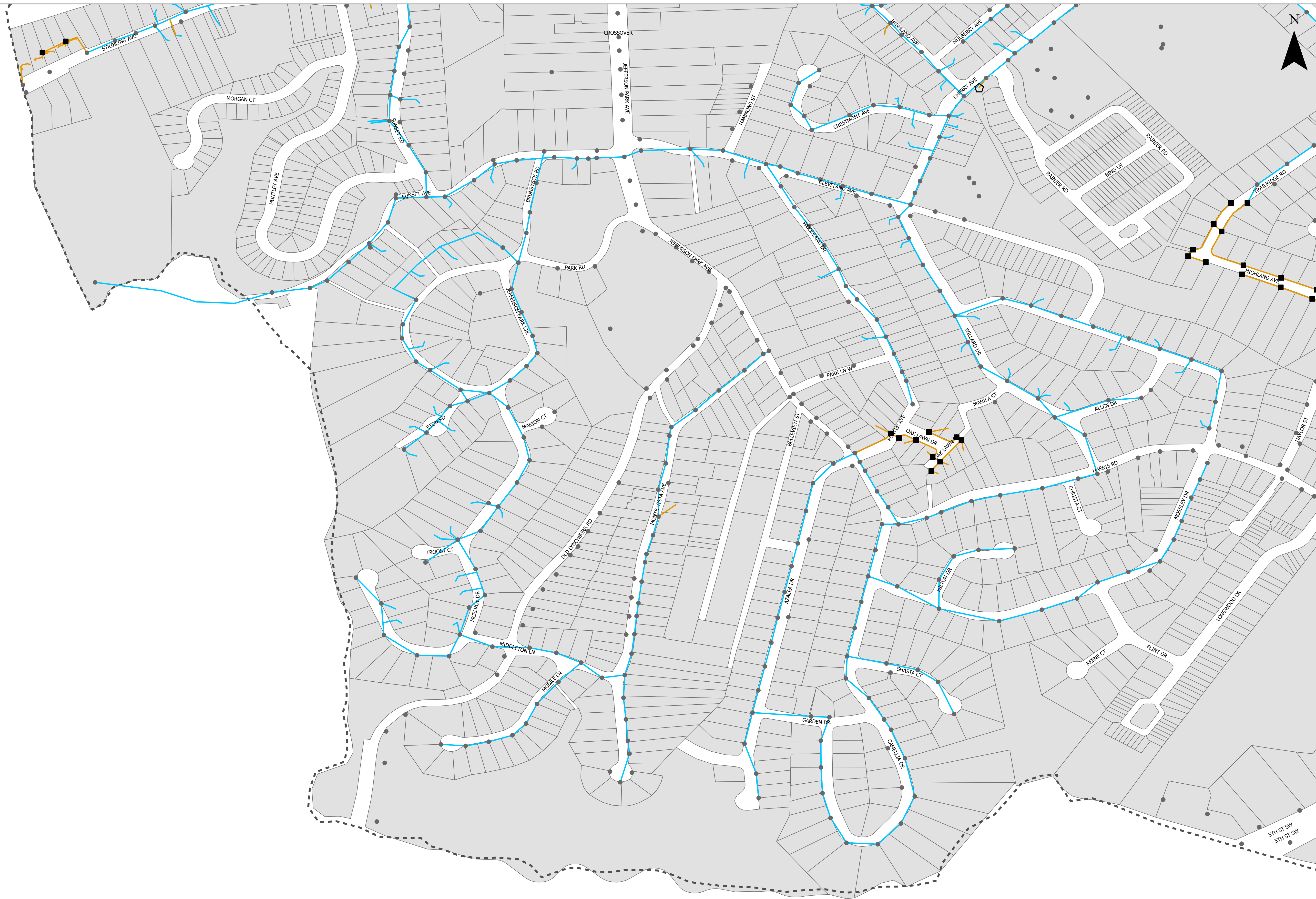






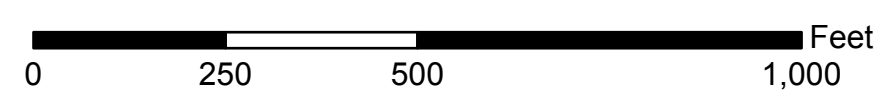
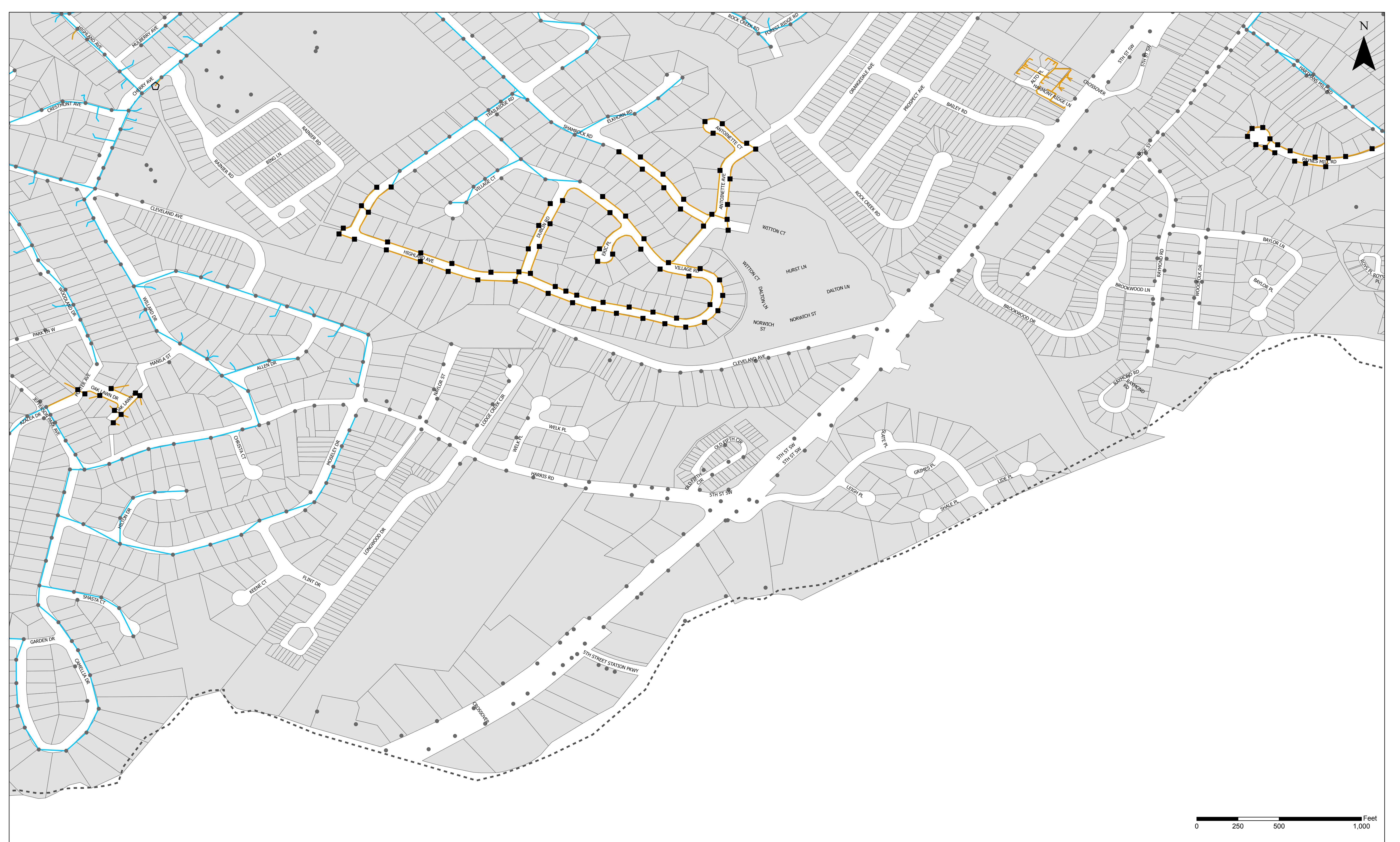


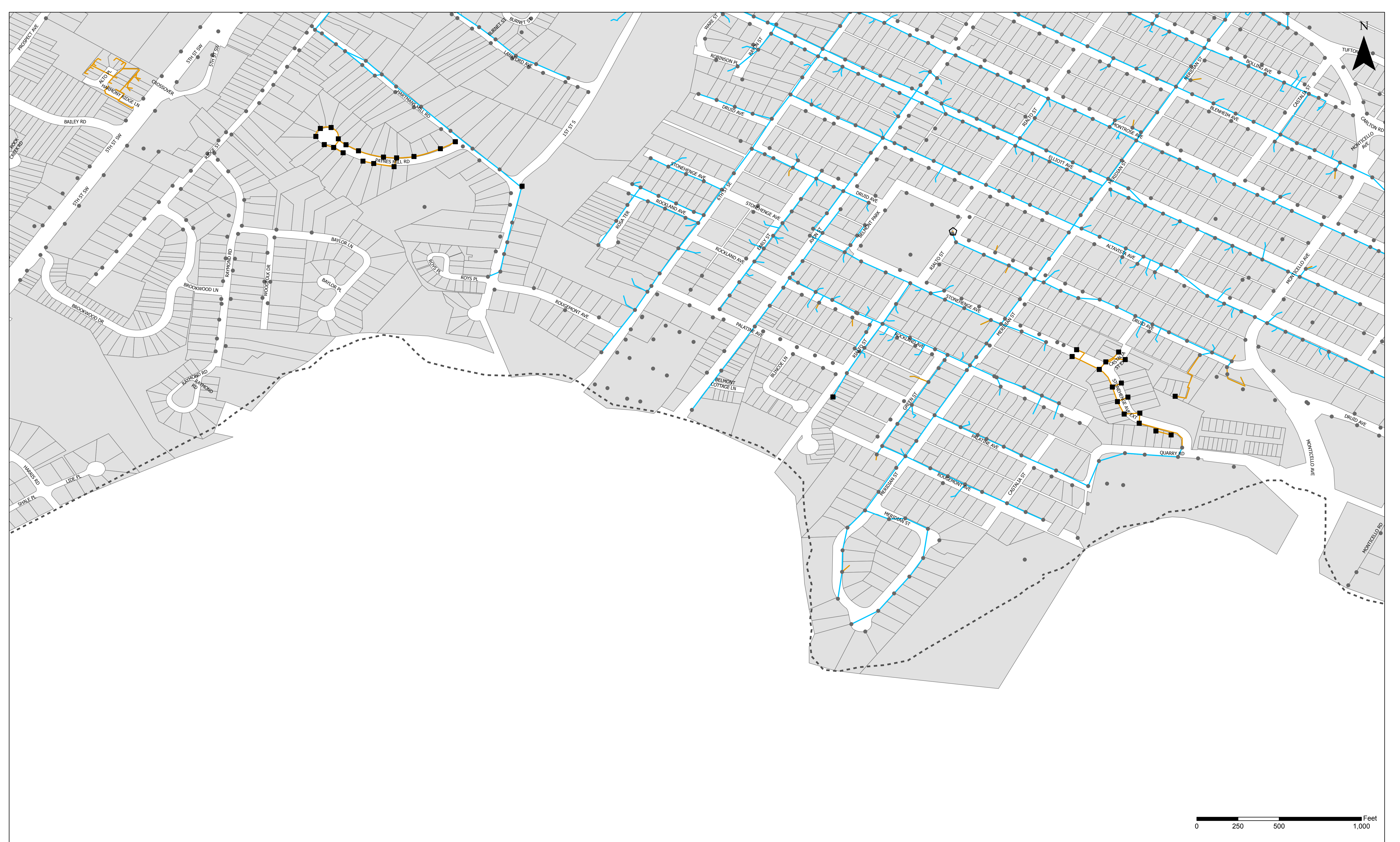


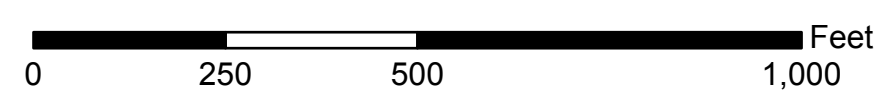
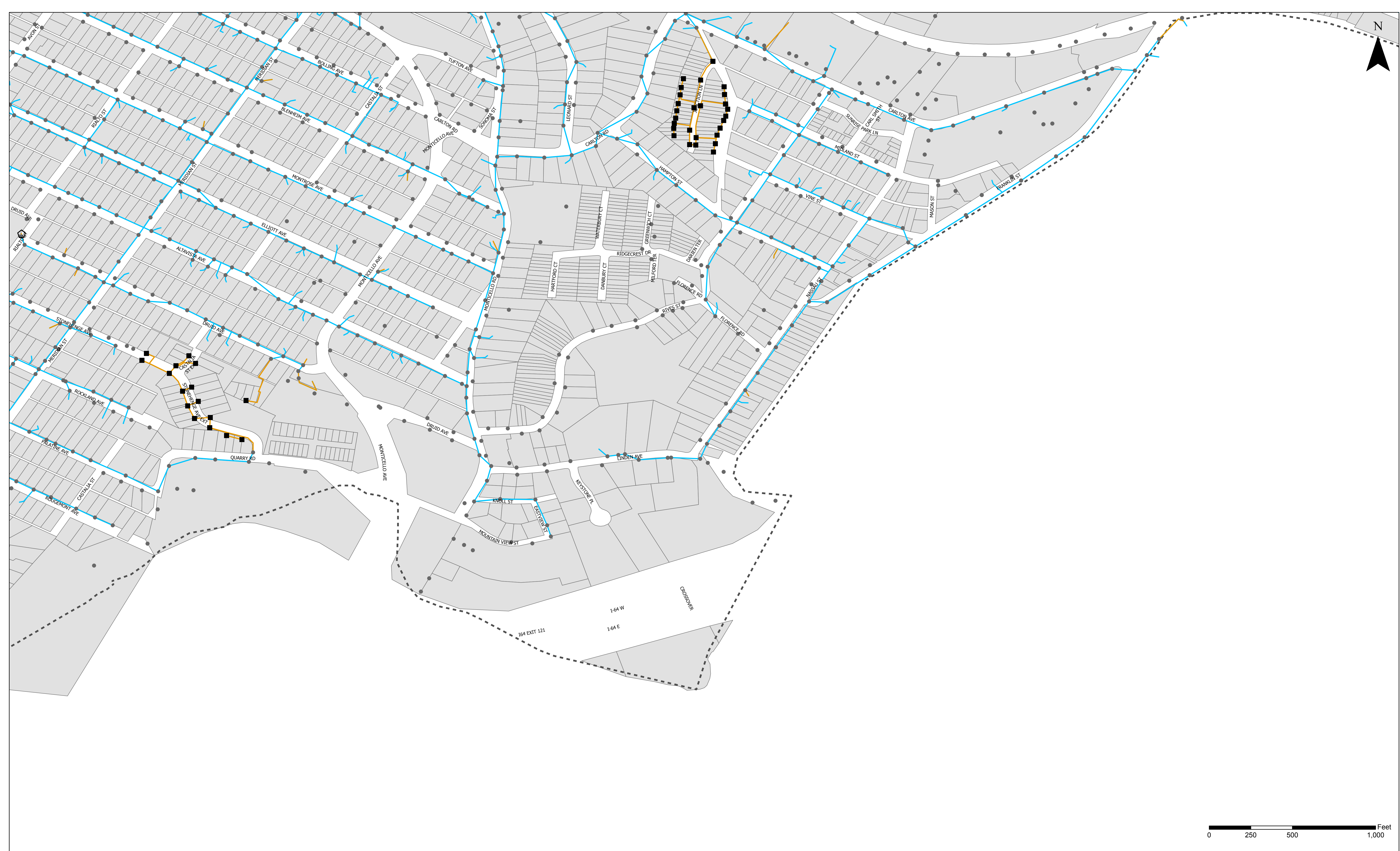


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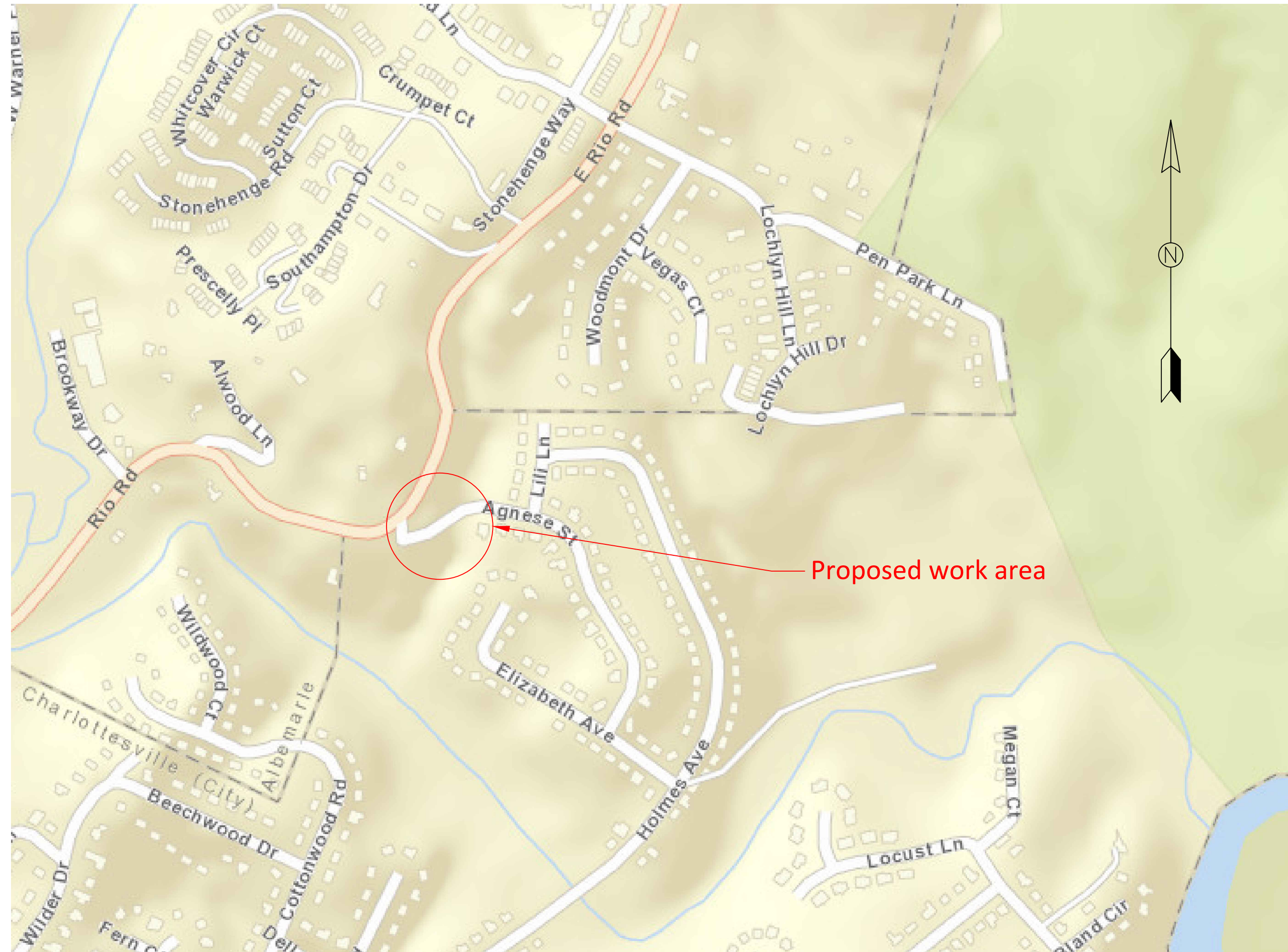
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CITY OF CHARLOTTESVILLE, VIRGINIA  
 CONSTRUCTION DOCUMENTS FOR  
 FIBER INFRASTRUCTURE OUTSIDE PLANT DESIGN  
 FIBER TO THE HOME  
**TING FIBER AGNESE ST.**



VICINITY MAP

**CONTACT INFORMATION**

**TING FIBER INC.**

*DIRECTOR FIBER NETWORK DESIGN AND DEPLOYMENT:*

OVI BIRIS  
 416-538-5474  
 OVI@TING.COM

*PROJECT MANAGER:*

KHAJA UDDIN  
 647-285-9590  
 KUDDIN@TING.COM

*FIBER ENGINEER:*

BIBIANA TORO  
 434-817-0707 (2406)  
 BIBIANA@TING.COM

**INDEX**

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CONSTRUCTION DRAWINGS	3
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**PROJECT SCOPE:**

INSTALLATION OF CONDUIT ON THE NORTH SIDE OF AGNESE ST BETWEEN  
 E RIO RD AND POWER POLE AT AGNESE ST. (APPROX. 280 FT)



306 ENTERPRISE DRIVE, SUITE C  
 FOREST, VIRGINIA 24551  
 (434)385-7548 - (434)385-6178 (FAX)



TING FIBER  
 1819 Broadway St.  
 Charlottesville,  
 VA 22902



Project:  
 TING FIBER AGNESE ST

Project number:  
 VA-CH-AS-008

Subcontractor:  
 TBD

Revisions

By	Date	REVISION COMMENTS
BT	6/18/19	Permit application

Drawn by BT

Approved:  
 Ovi Biris

Content:  
 COVER

Scale:  
 NONE

Date:  
 6/18/2019

Sheet:  
 1

## GENERAL NOTES/ADDENDUM NOTES

1. THE CONTRACTOR IS REQUIRED TO CONTACT THE APPROPRIATE UTILITY COMPANIES INVOLVED AND MAKE SATISFACTORY ARRANGEMENTS TO ADJUST THE UTILITIES IN CONFLICT WITH THE PROPOSED WORK PRIOR TO BEGINNING CONSTRUCTION.
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5. VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ENVIRONMENTAL ENGINEER. RESEEDING MUST OCCUR WITHIN 10 DAYS.
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8. ALL DRIVEWAYS ALTERED DURING CONSTRUCTION SHALL BE RETURNED TO A STATE COMPARABLE WITH THE CONDITION OF THE DRIVEWAYS PRIOR TO CONSTRUCTION.
9. RIGHT OF WAY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR AND RESET AFTER CONSTRUCTION.
10. PROPER TRAFFIC CONTROL DEVICES, SIGNS, ETC., SHALL BE INSTALLED TO ENSURE PUBLIC SAFETY IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ANY SUPPLEMENTS THERETO AND VDOT ROADWAY STANDARD DRAWINGS.
11. INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL BUSINESSES AND DWELLINGS AFFECTED BY THE PROJECT.
12. NO PARKING OR MATERIAL STORAGE SHALL BE ALLOWED ALONG THE SHOULDERS OF ANY ROADWAY.
13. DURING NON-WORKING HOURS, EQUIPMENT SHALL BE REMOVED FROM THE RIGHT OF WAY.
14. ALL ROADWAY SIGNS THAT ARE REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED AT THE END OF THE WORKING DAY.
15. EXCAVATION MATERIAL SHALL NOT BE PLACED ON THE PAVEMENT. DRAINAGE STRUCTURES SHALL NOT BE BLOCKED WITH EXCAVATION MATERIALS.
16. MANHOLES AND/OR VAULTS SHALL NOT BE PLACED IN THE DITCH LINE, SIDE SLOPES OF THE DITCHES OR IN THE PAVEMENT.
17. ALL MANHOLES, HAND HOLES, AND/OR VAULTS WITHIN RIGHT-OF-WAY SHALL BE OF A PRE-APPROVED DESIGN.
18. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY AND THE RIGHT-OF-WAY GRANTOR.
19. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED EVALUATION MAPS OR OTHER DRAWINGS AND MAY NOT BE SHOWN OR DEPICTED ON THESE DRAWINGS.
20. UTILITIES SHOWN ON THESE PLANS HAVE NOT BEEN FIELD VERIFIED AND ARE APPROXIMATE ONLY. UNDERGROUND UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE , SO THAT CHANGES PLACEMENT CAN BE APPROVED PRIOR TO RELOCATING IN THE EVENT OF CONFLICT.
21. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND RESTORED TO ORIGINAL OR BETTER CONDITION.
22. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL REGULATIONS SHALL BE MANDATORY. ANY SHORING NOT IN COMPLIANCE WITH THIS REGULATIONS WILL CAUSE AN AUTOMATIC AND IMMEDIATE WORK STOPPAGE.
23. UNDERGROUND CONDUIT WILL BE PLACED AT 30" MINIMUM COVER UNLESS SPECIFIED ON THE CONSTRUCTION DRAWINGS.
24. THE SUBCONTRACTOR SHALL BORE AT APPROXIMATE DEPTH WHERE NECESSARY TO MAINTAIN MINIMUM 18" CLEARANCE FROM OTHER UTILITIES.
25. ALL HANDHOLE/MANHOLES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
26. ALL TREES POTENTIALLY AFFECTED BY THE WORK, WHETHER IN THE RIGHT-OF-WAY OR NOT, SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER WHO WILL REQUIRE THAT PRECAUTION SUCH AS DEEPENING THE CONDUIT LINE BORE OR MOVING THE RUNNING LINE OUT FROM THE DRIP LINE BE TAKEN TO AVOID DAMAGE TO THE TREE ROOT SYSTEM WITH DOT ENGINEER APPROVAL.
27. UTILITIES SHOWN ARE KNOWN TO BE IN AREA BUT HAVE NOT BEEN PHYSICALLY LOCATED AND DO NOT RELIEVE CONTRACTOR RESPONSIBILITY OF CALLING VA811 ONE CALL SERVICE PRIOR TO WORK START.
28. SIDEWALKS SHALL NOT BE BLOCKED DURING CONSTRUCTION OR REQUIRED TRAFFIC CONTROL DURING CONSTRUCTION AT SIDEWALKS SHALL BE PROVIDED.



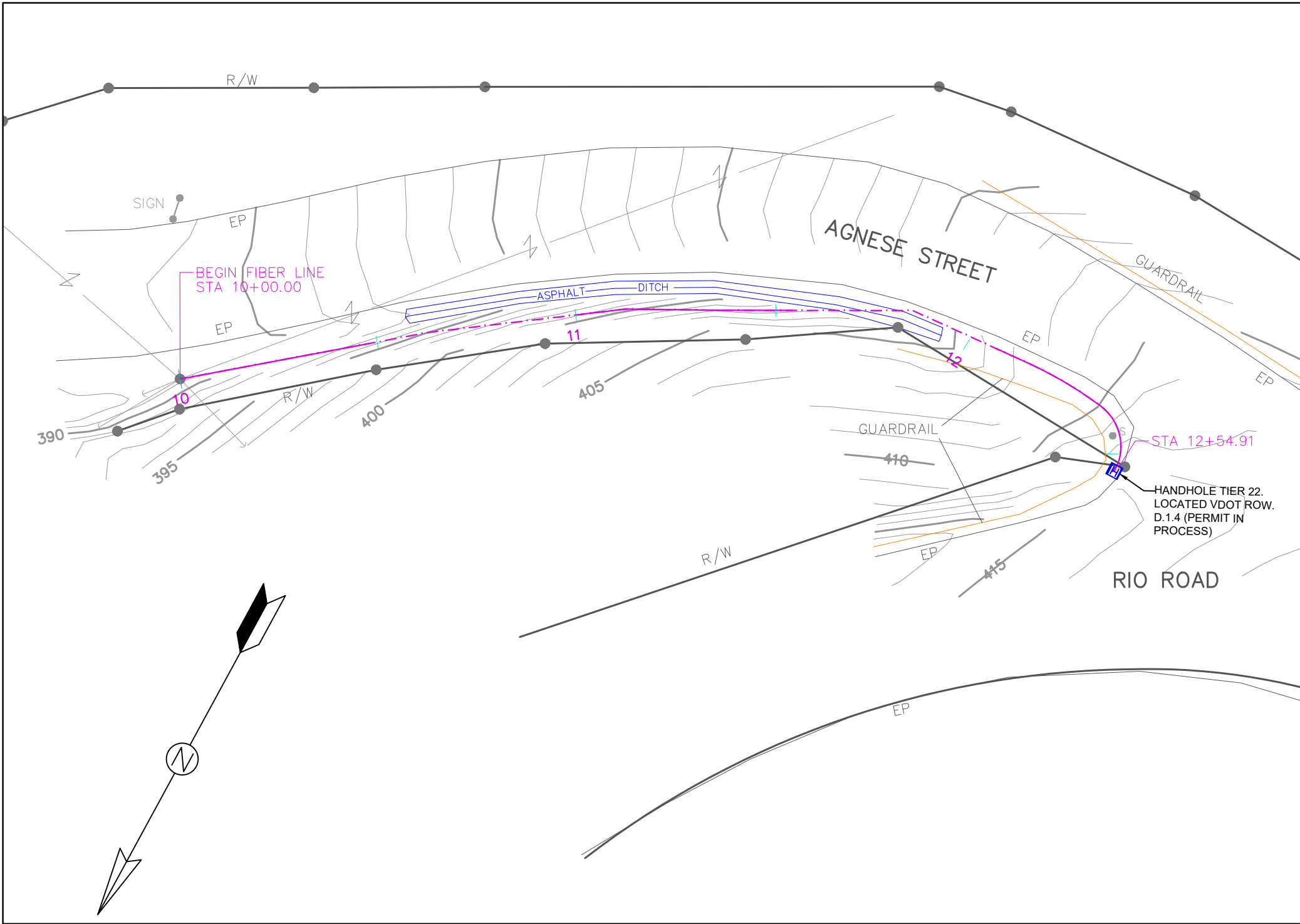
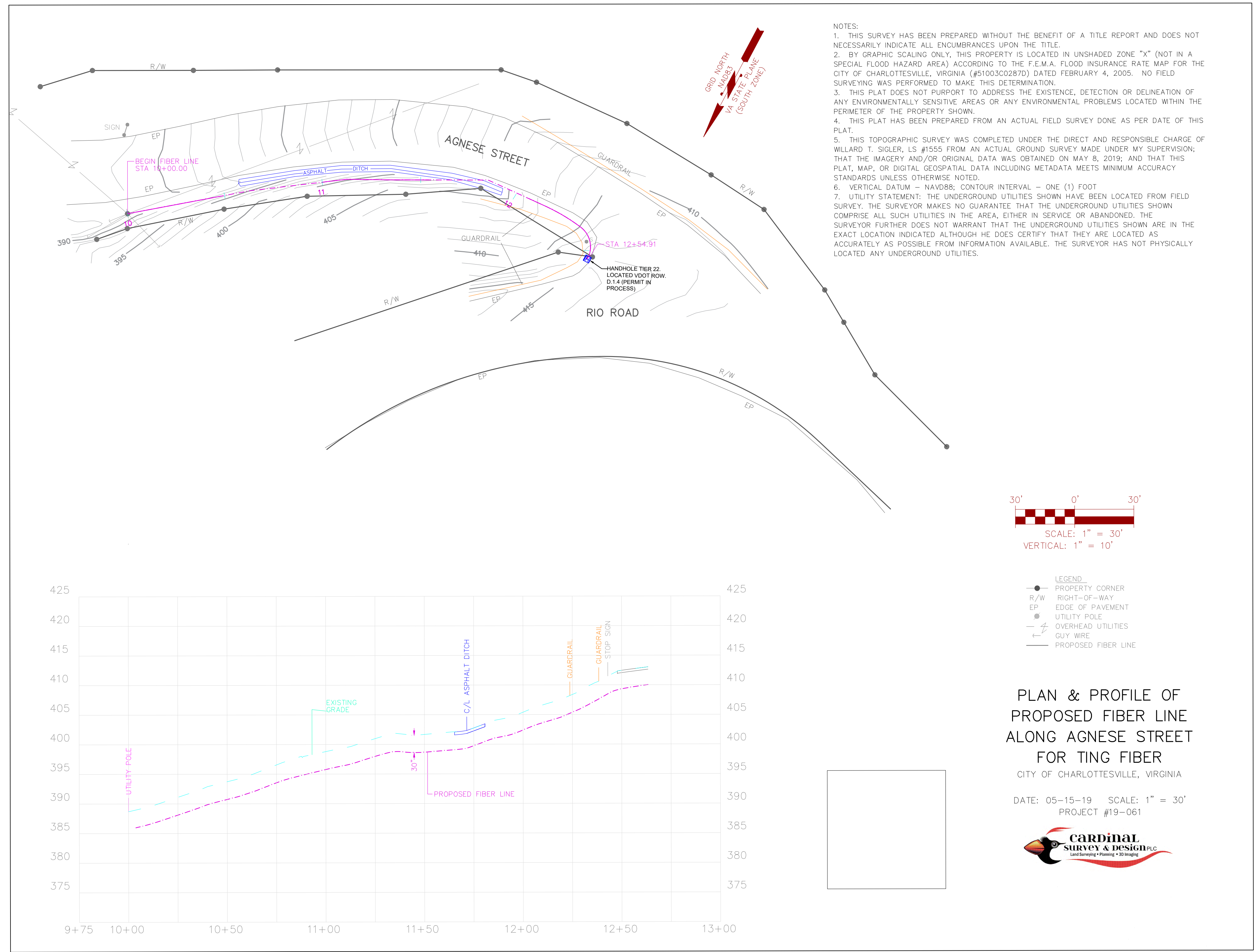
306 ENTERPRISE DRIVE, SUITE C  
FOREST, VIRGINIA 24551  
(434)385-7548 - (434)385-6178 (FAX)



TING FIBER  
1819 Broadway St.  
Charlottesville,  
VA 22902



Project: TING FIBER AGNESE ST	Revisions			Drawn by BT	Scale: NONE
Project number: VA-CH-AS-008	By BT	Date 6/18/19	REVISION COMMENTS Permit application		Approved: Ovi Biris
Subcontractor: TBD				Content: GENERAL NOTES	Sheet: 2



- NOTES:
1. VERIFY ALL EXISTING UTILITIES DEPTHS PRIOR TO PROCEEDING WITH PROPOSED CONDUIT INSTALLATION.
  2. ALL DEPTHS ARE 30" MIN.
  3. LIMITS OF RIGHT-OF-WAY MUST BE VERIFIED PRIOR TO INSTALLATION

VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE DIVISION ROADSIDE ENVIRONMENTAL ENGINEER. RESEEDING MUST OCCUR WITHIN 10 DAYS.

MISS UTILITY TICKET: A915701320

**cardinal SURVEY & DESIGN PLC**  
Land Surveying • Planning • 3D Imaging  
306 ENTERPRISE DRIVE, SUITE C  
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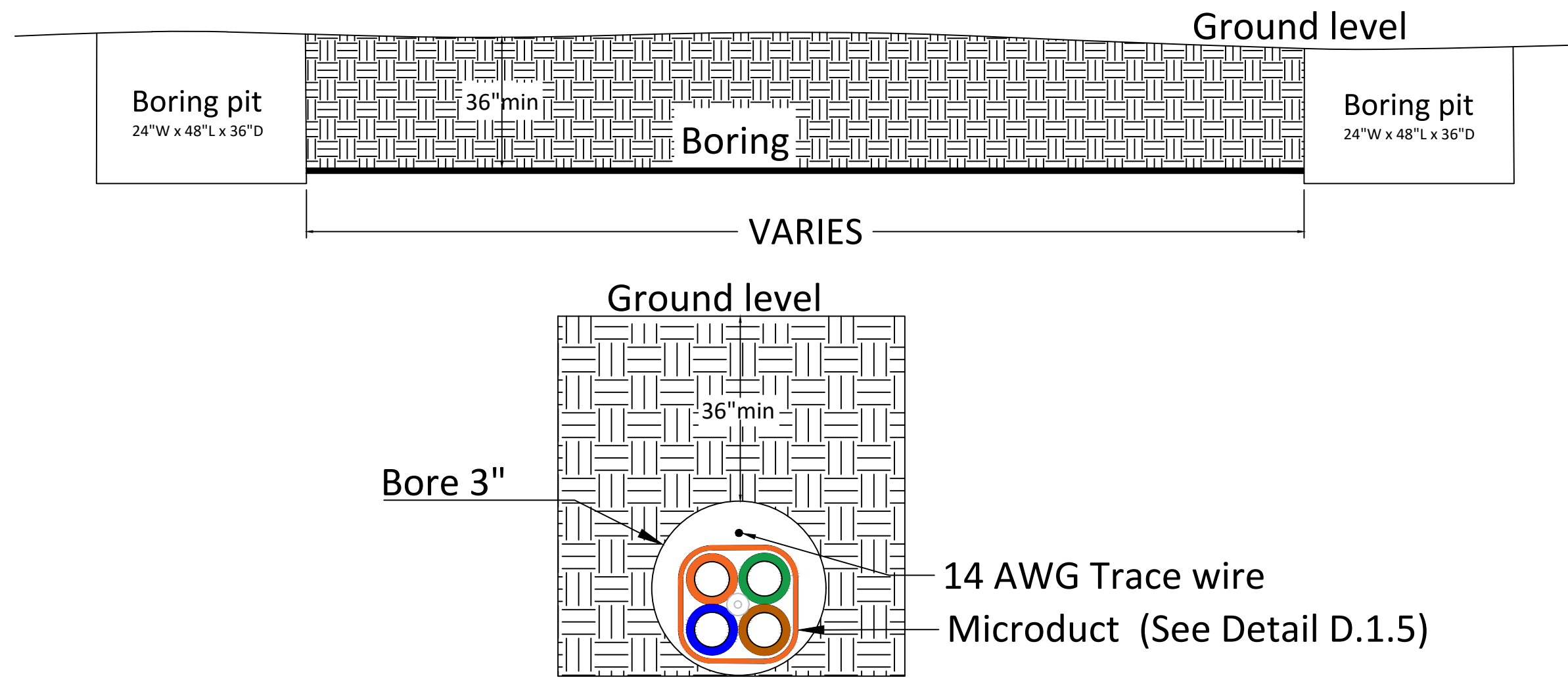
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Revisions		
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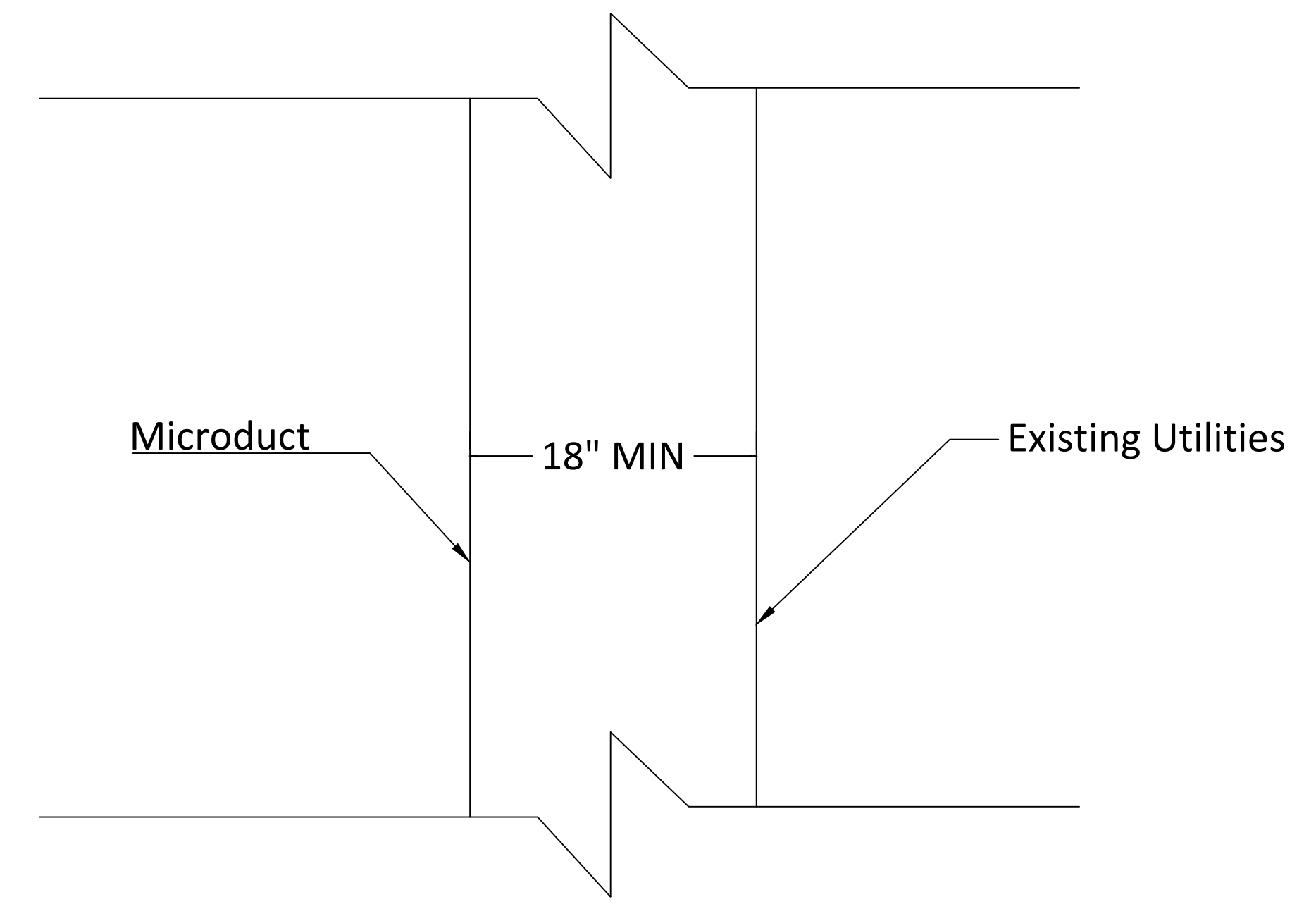
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Sheet: 3

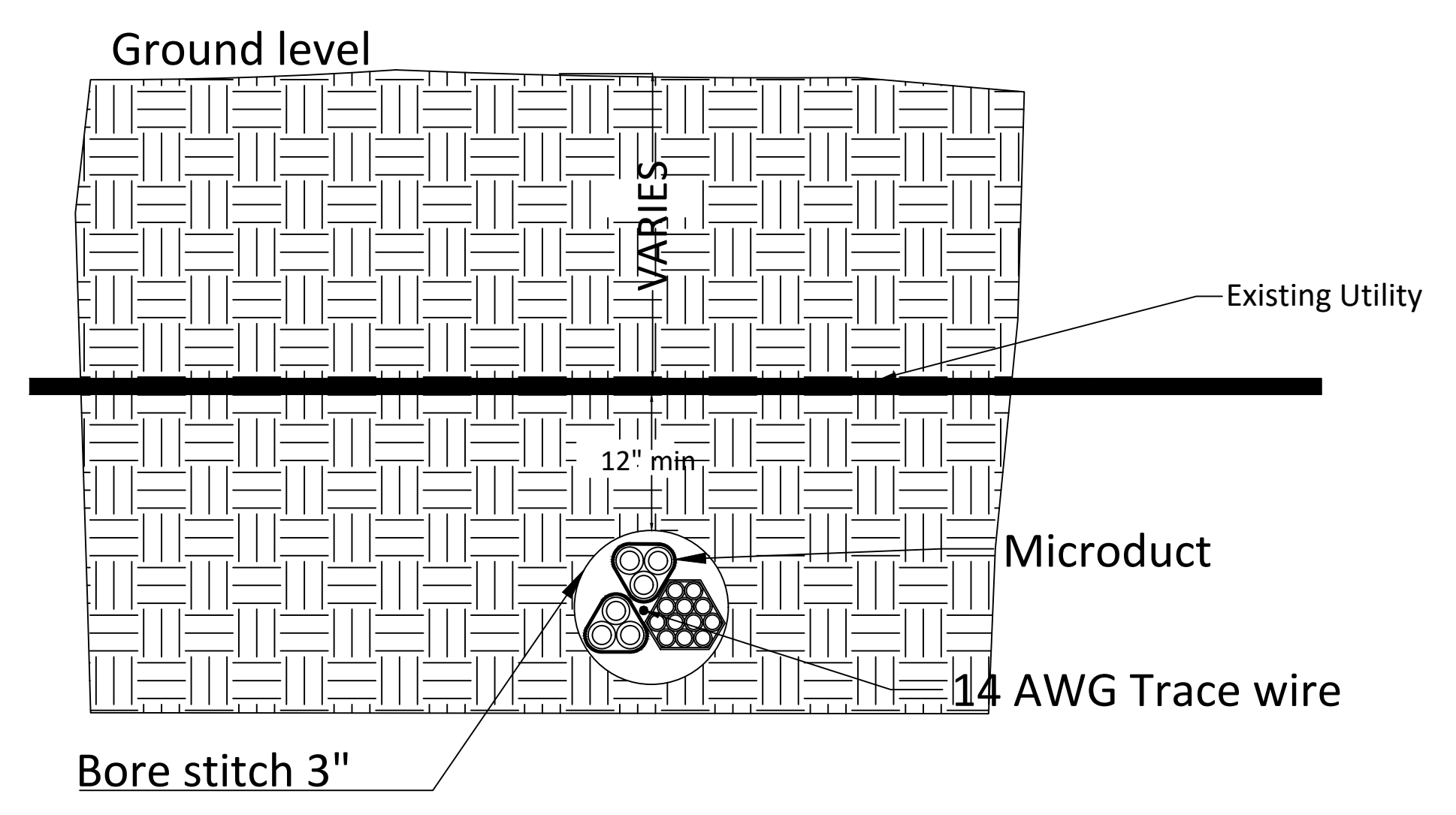
**Detail D.1.1**  
Typical bore at ROW



**Detail D.1.2**  
Typical clearance detail  
Parallel bore



**Detail D.1.3**  
Bore cross section for perpendicular  
existing utilities



**Detail D.1.4**  
Typical Road Crossing Handhole  
Tier 22

COVER:

Style: Flush Solid  
Material: Polymer Concrete  
Model: 24" x 30"  
Weight: Tier 15: 193 lbs  
Tier 22: 204 lbs

Std. Fasteners: 1/2-13 Stainless Steel Hex Head Bolt, Washer and Flashing Nut

Options: Logo and Special Markings  
Slip Resistant & Markers\*

Coefficient of Friction: >0.6 ASTM 1028

Performance: ANSISCTE-77 Tier 15, WUC 3.6  
ASTM C857 A-12  
ANSISCTE-77 Tier 22, WUC 3.6,  
ASTM C857 A-16

BODY:

Material: Polymer Concrete  
Model: 24" x 30"  
Weight: 18" Depth: 142 lbs  
24" Depth: 175 lbs  
36" Depth: 242 lbs

Wall Type: Straight

Performance: ANSISCTE-77 Tier 22, WUC 3.6,  
ASTM C857 A-16

	A	B	C	D	E
2436-18	18	23-5/8	35-1/4	33-3/15	21-9/16
2436-24	24	23-3/8	34-15/16	32-13/16	21-5/16
2436-30	30	23-1/2	35-1/8	32-3/4	21-1/8
2436-36	36	23-3/16	34-11/16	32-7/16	20-15/16

**Detail D.1.5**  
Conduit Specifications

4 Way

Material: HDPE  
Diameter: 1.62"  
Min bend radius: 17D = 27.57"  
Max tensile load: 4500N



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VA 22902



Project: TING FIBER AGNESE ST

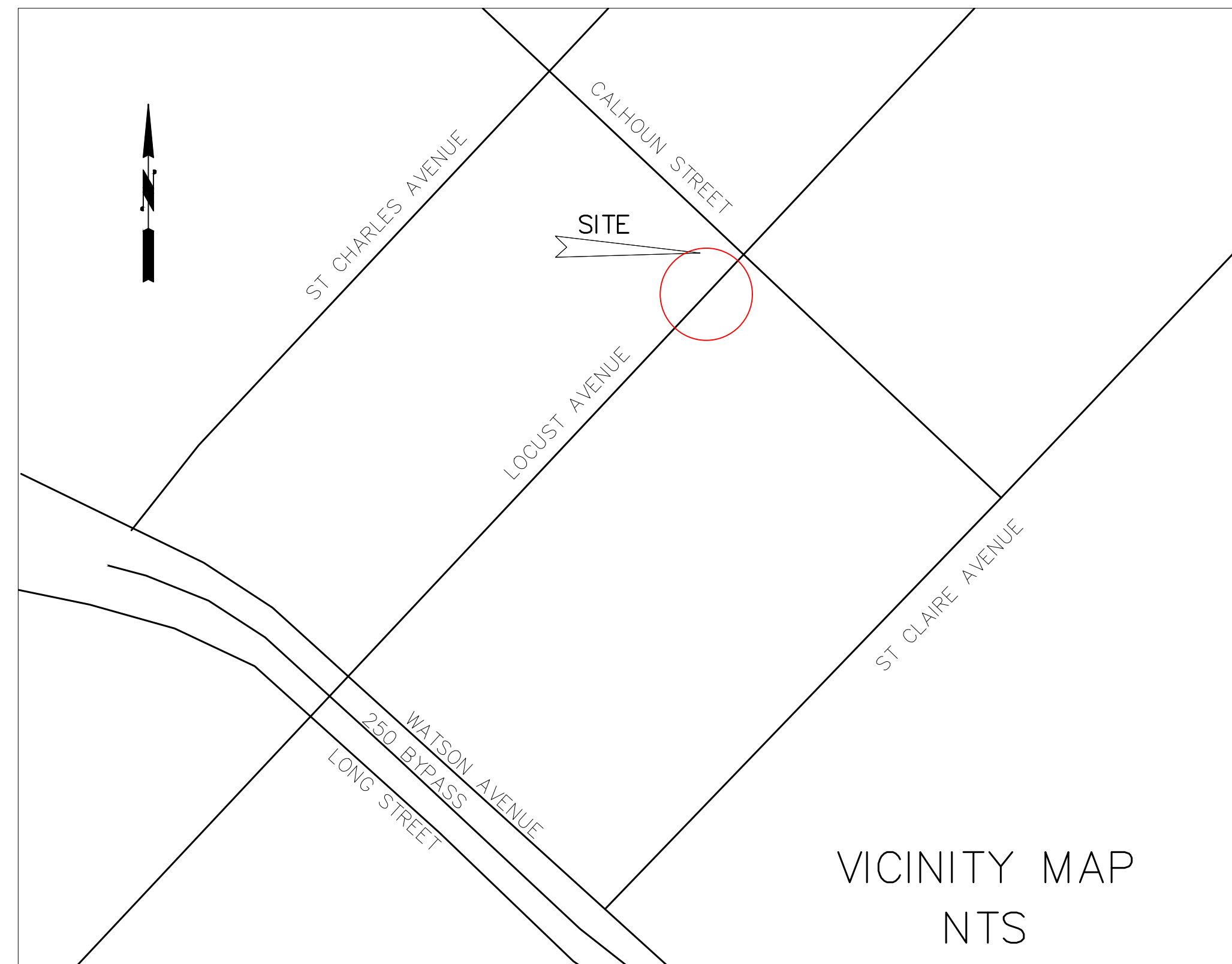
Project number: VA-CH-AS-008

Subcontractor: TBD

Revisions		
By	Date	REVISION COMMENTS
BT	6/18/19	Permit application

Drawn by BT	Scale: NONE
Approved: Ovi Biris	Date: 6/18/2019
Content: CONSTRUCTION DRAWINGS	Sheet: D

# CITY OF CHARLOTTESVILLE, VIRGINIA CONSTRUCTION DOCUMENTS FOR ACTIVE CABINET INSTALLATION TING FIBER LOCUST CABINET



## CONTACT INFORMATION

**TING FIBER INC.**

**DIRECTOR FIBER NETWORK DESIGN AND DEPLOYMENT:**

OVI BIRIS  
416-538-5474  
OVI@TING.COM

**PROJECT MANAGER:**

KHAJA UDDIN  
647-285-9590  
KUDDIN@TING.COM

**FIBER ENGINEER:**

BIBIANA TORO  
434-817-0707 (2406)  
BIBIANA@TING.COM

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**PROJECT SCOPE:**

INSTALLATION OF A CONCRETE PAD 6'x8'<sup>1</sup>/<sub>2</sub>' FOR OUR ACTIVE CABINET AT THE PROPOSED LOCATION. INCLUDING A TWO-INCH DIAMETER PVC CONDUIT WILL BE CONNECTED TO A METER THAT IS ATTACHED TO A METAL GRID FIXTURE WITH 4" X 4" POSTS



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TING FIBER  
1819 Broadway St.  
Charlottesville,  
VA 22902



Project:  
TING FIBER LOCUST CABINET

Project number:  
VA-CH-L-007

Subcontractor:  
TBD

Revisions		
By	Date	REVISION COMMENTS
BT	5/9/19	Permit application
BT	6/27/19	First revision
BT	7/3/19	Cabinet relocation

Drawn by BT	Scale: NONE
Approved: Ovi Biris	Date: 7/3/2019
Content: COVER	Sheet: 1

## GENERAL NOTES/ADDENDUM NOTES

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7. ANY DRAINAGE STRUCTURE DISTURBED OR DAMAGED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AS DIRECTED BY THE ENGINEERING DIVISION. NOTIFICATION SHALL BE GIVEN TO THE ENGINEERING DIVISION PRIOR TO MAKING ANY REPAIR.
8. ALL DRIVEWAYS ALTERED DURING CONSTRUCTION SHALL BE RETURNED TO A STATE COMPARABLE WITH THE CONDITION OF THE DRIVEWAYS PRIOR TO CONSTRUCTION.
9. RIGHT OF WAY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REFERENCED BY A REGISTERED LAND SURVEYOR AND RESET AFTER CONSTRUCTION.
10. PROPER TRAFFIC CONTROL DEVICES, SIGNS, ETC., SHALL BE INSTALLED TO ENSURE PUBLIC SAFETY IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ANY SUPPLEMENTS THERETO AND VDOT ROADWAY STANDARD DRAWINGS.
11. INGRESS AND EGRESS SHALL BE MAINTAINED TO ALL BUSINESSES AND DWELLINGS AFFECTED BY THE PROJECT.
12. NO PARKING OR MATERIAL STORAGE SHALL BE ALLOWED ALONG THE SHOULDERS OF ANY ROADWAY.
13. DURING NON-WORKING HOURS, EQUIPMENT SHALL BE REMOVED FROM THE RIGHT OF WAY.
14. ALL ROADWAY SIGNS THAT ARE REMOVED DUE TO CONSTRUCTION SHALL BE REINSTALLED AT THE END OF THE WORKING DAY.
15. EXCAVATION MATERIAL SHALL NOT BE PLACED ON THE PAVEMENT. DRAINAGE STRUCTURES SHALL NOT BE BLOCKED WITH EXCAVATION MATERIALS.
16. MANHOLES AND/OR VAULTS SHALL NOT BE PLACED IN THE DITCH LINE, SIDE SLOPES OF THE DITCHES OR IN THE PAVEMENT.
17. ALL MANHOLES, HAND HOLES, AND/OR VAULTS WITHIN RIGHT-OF-WAY SHALL BE OF A PRE-APPROVED DESIGN.
18. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY AND THE RIGHT-OF-WAY GRANTOR.
19. LOCATIONS OF SOME OF THE PHYSICAL FEATURES WERE OBTAINED FROM DATED EVALUATION MAPS OR OTHER DRAWINGS AND MAY NOT BE SHOWN OR DEPICTED ON THESE DRAWINGS.
20. UTILITIES SHOWN ON THESE PLANS HAVE NOT BEEN FIELD VERIFIED AND ARE APPROXIMATE ONLY. UNDERGROUND UTILITY LOCATIONS WILL BE VERIFIED AT LEAST 100 FEET IN ADVANCE , SO THAT CHANGES PLACEMENT CAN BE APPROVED PRIOR TO RELOCATING IN THE EVENT OF CONFLICT.
21. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND RESTORED TO ORIGINAL OR BETTER CONDITION.
22. SHORING OF BORE PITS AND TRENCHES IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL REGULATIONS SHALL BE MANDATORY. ANY SHORING NOT IN COMPLIANCE WITH THIS REGULATIONS WILL CAUSE AN AUTOMATIC AND IMMEDIATE WORK STOPPAGE.
23. UNDERGROUND CONDUIT WILL BE PLACED AT 30" MINIMUM COVER UNLESS SPECIFIED ON THE CONSTRUCTION DRAWINGS.
24. THE SUBCONTRACTOR SHALL BORE AT APPROXIMATE DEPTH WHERE NECESSARY TO MAINTAIN MINIMUM 18" CLEARANCE FROM OTHER UTILITIES.
25. ALL HANDHOLE/MANHOLES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
26. ALL TREES POTENTIALLY AFFECTED BY THE WORK, WHETHER IN THE RIGHT-OF-WAY OR NOT, SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER WHO WILL REQUIRE THAT PRECAUTION SUCH AS DEEPENING THE CONDUIT LINE BORE OR MOVING THE RUNNING LINE OUT FROM THE DRIP LINE BE TAKEN TO AVOID DAMAGE TO THE TREE ROOT SYSTEM WITH DOT ENGINEER APPROVAL.
27. UTILITIES SHOWN ARE KNOWN TO BE IN AREA BUT HAVE NOT BEEN PHYSICALLY LOCATED AND DO NOT RELIEVE CONTRACTOR RESPONSIBILITY OF CALLING VA811 ONE CALL SERVICE PRIOR TO WORK START.
28. SIDEWALKS SHALL NOT BE BLOCKED DURING CONSTRUCTION OR REQUIRED TRAFFIC CONTROL DURING CONSTRUCTION AT SIDEWALKS SHALL BE PROVIDED.



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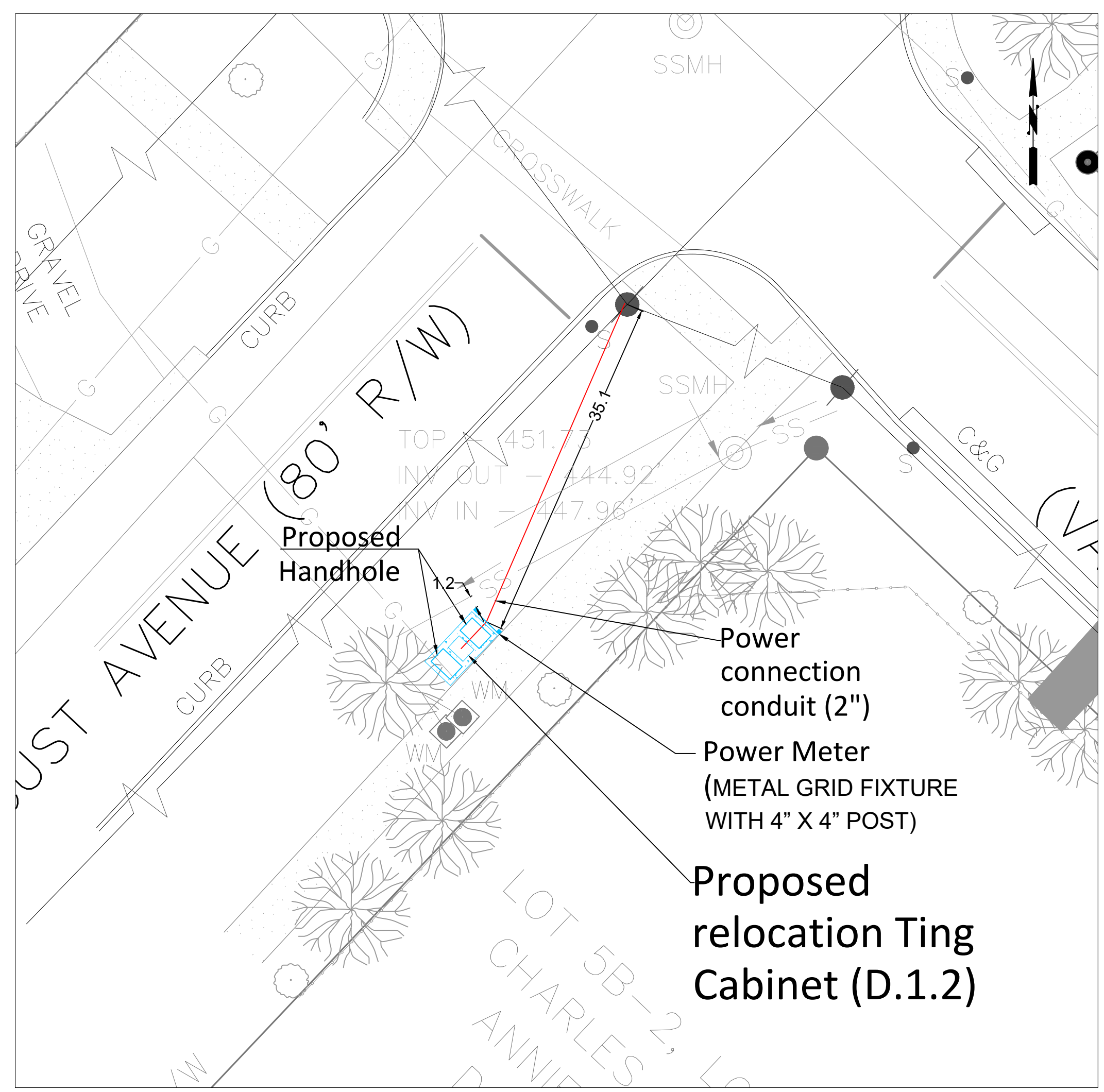
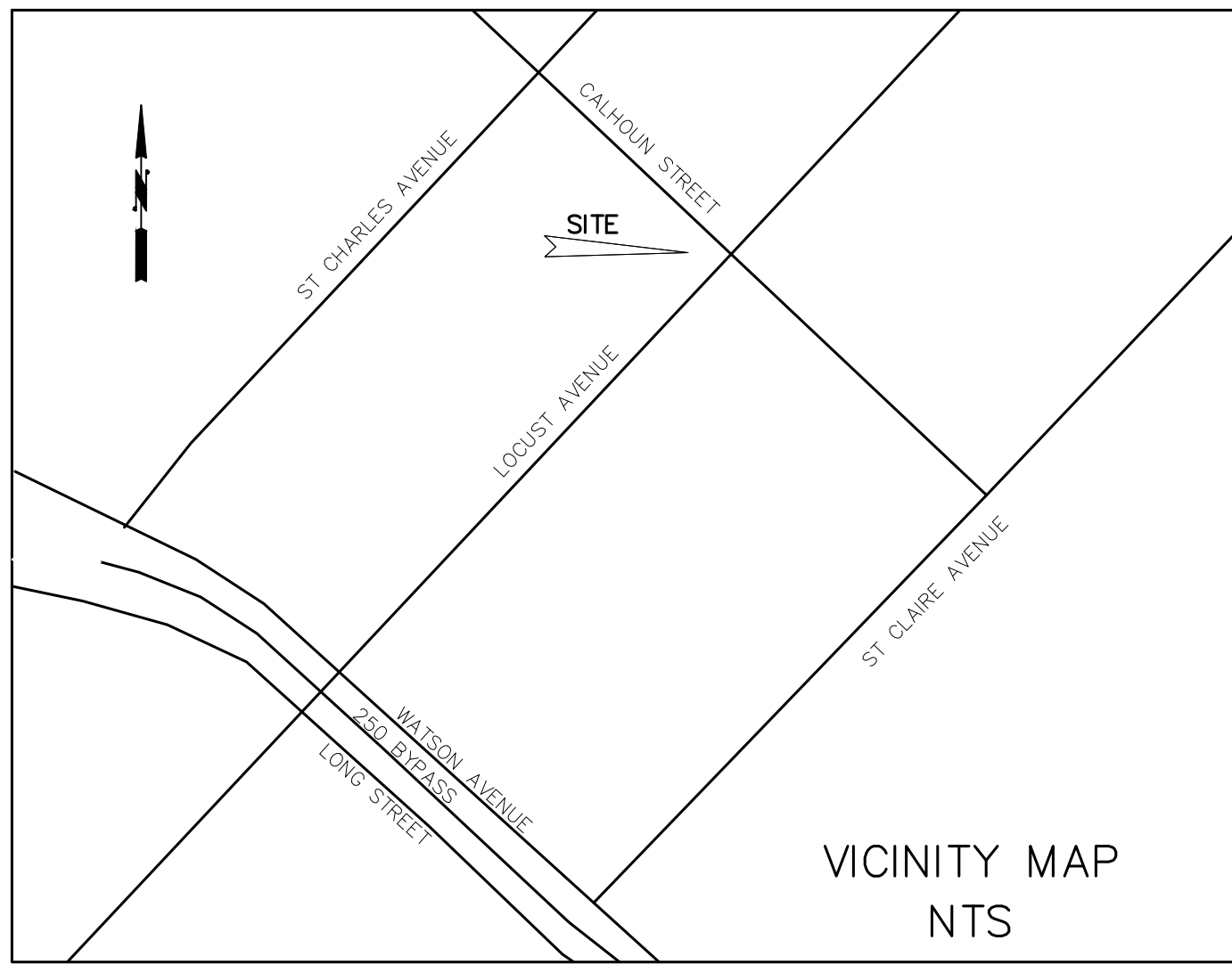
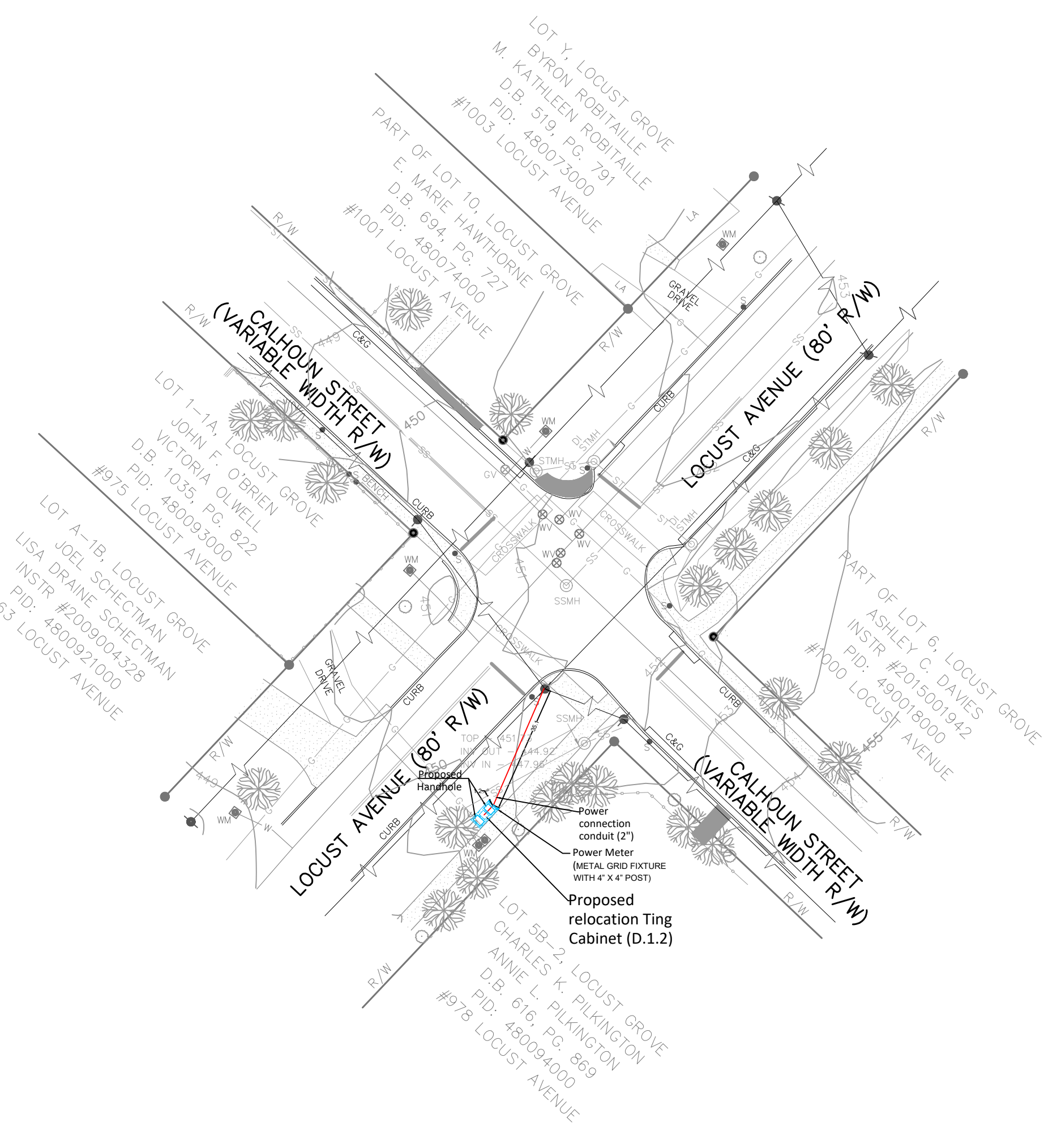
TING FIBER  
1819 Broadway St.  
Charlottesville,  
VA 22902



Project: TING FIBER LOCUST CABINET
Project number: VA-CH-L-007
Subcontractor: TBD

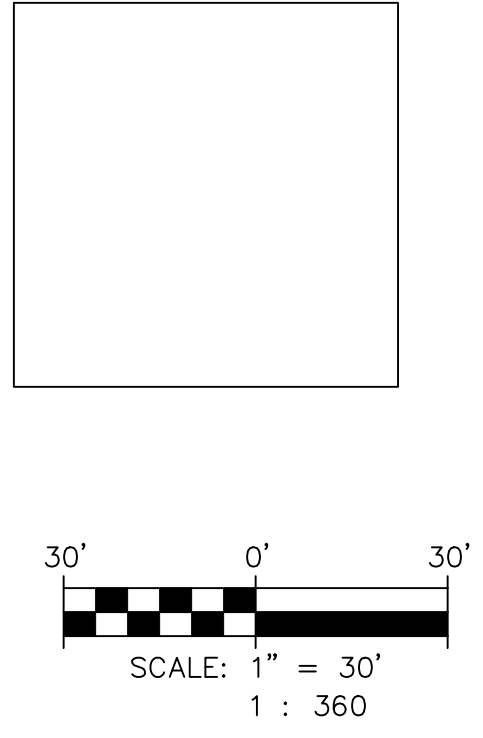
Revisions		
By	Date	REVISION COMMENTS
BT	5/9/19	Permit application
BT	6/27/19	First revision
BT	7/3/19	Cabinet relocation

Drawn by BT	Scale: NONE
Approved: Ovi Biris	Date: 7/3/2019
Content: GENERAL NOTES	Sheet: 2



NOTES:  
 1. THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT NECESSARILY INDICATE ALL ENCUMBRANCES UPON THE TITLE.  
 2. BY GRAPHIC SCALING ONLY, THIS PROPERTY IS LOCATED IN UNSHADED ZONE "X" (NOT IN A SPECIAL FLOOD HAZARD AREA) ACCORDING TO THE F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE CITY OF CHARLOTTEVILLE, VIRGINIA (#51003C02870) DATED FEBRUARY 4, 2005. NO FIELD SURVEYING WAS PERFORMED TO MAKE THIS DETERMINATION.  
 3. THIS PLAT DOES NOT PURPORT TO ADDRESS THE EXISTENCE, DETECTION OR DELINEATION OF ANY ENVIRONMENTALLY SENSITIVE AREAS OR ANY ENVIRONMENTAL PROBLEMS LOCATED WITHIN THE PERIMETER OF THE PROPERTY SHOWN.  
 4. THIS PLAT HAS BEEN PREPARED FROM AN ACTUAL FIELD SURVEY DONE AS PER DATE OF THIS PLAT.  
 5. THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF WILLARD T. SIGLER, LS #1555 FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON MAY 1, 2019; AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.  
 6. VERTICAL DATUM - NAVD83, CONTOUR INTERVAL - ONE (1) FOOT  
 7. UTILITY STATEMENT: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED ANY UNDERGROUND UTILITIES.

- LEGEND
- CORNER NEITHER SET NOR FOUND
  - IRON PIN FOUND
  - R/W RIGHT-OF-WAY
  - WV WATER VALVE
  - WM WATER METER
  - W— WATERLINE (BLUE PAINT)
  - SS— STORM SEWER MANHOLE
  - DI DROP INLET
  - ST— STORM SEWER
  - SSMH SANITARY SEWER MANHOLE
  - SS— SANITARY SEWER
  - U— UTILITY POLE
  - O— OVERHEAD UTILITIES
  - CONCRETE
  - S SIGN
  - GV GAS VALVE
  - G— GAS LINE (YELLOW PAINT)
  - F— FENCE
  - HEDGE/ROW
  - TREE
  - BUSH
  - LA LANDSCAPE AREA
  - C&G CURB & GUTTER
  - P— PROPOSED POWER CONDUIT
  - C&M— PROPOSED ACTIVE CABINET & METER CONNECTION



TOPOGRAPHIC SURVEY OF PORTION OF LOCUST AVENUE AND CALHOUN STREET FOR TING FIBER

CITY OF CHARLOTTEVILLE, VIRGINIA  
 DATE: 05-06-19 SCALE: 1" = 30'



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PROJECT #18-249

SHEET 1 OF 1

- NOTES:  
 1. VERIFY ALL EXISTING UTILITIES DEPTHS PRIOR TO PROCEEDING WITH PROPOSED ACTIVE CABINET INSTALLATION.  
 2. ALL DEPTHS ARE 30" MIN.  
 3. LIMITS OF RIGHT-OF-WAY MUST BE VERIFIED PRIOR TO INSTALLATION

VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE DIVISION ROADSIDE ENVIRONMENTAL ENGINEER. RESEEDING MUST OCCUR WITHIN 10 DAYS.

MISS UTILITY TICKET: A911602323



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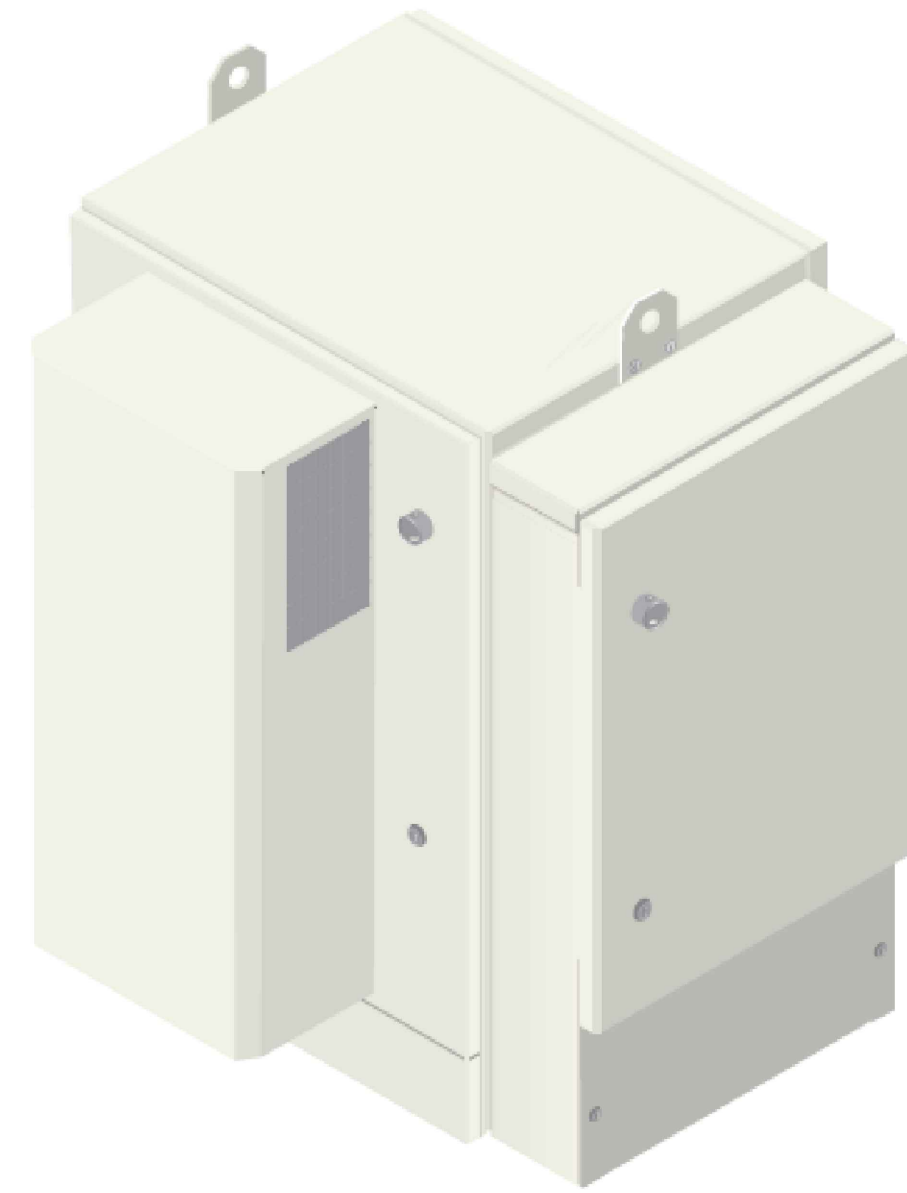


Project:  
 TING FIBER LOCUST CABINET  
 Project number:  
 VA-CH-L-007  
 Subcontractor:  
 TBD

Revisions		
By	Date	REVISION COMMENTS
BT	5/9/19	Permit application
BT	6/27/19	First revision
BT	7/3/19	Cabinet relocation

Scale:  
 1:30  
 Drawn by BT  
 Approved:  
 Ovi Biris  
 Date:  
 7/3/2019  
 Content:  
 CONSTRUCTION DRAWINGS  
 Sheet:  
 3

## Detail D.1.1 Active Cabinet Detail

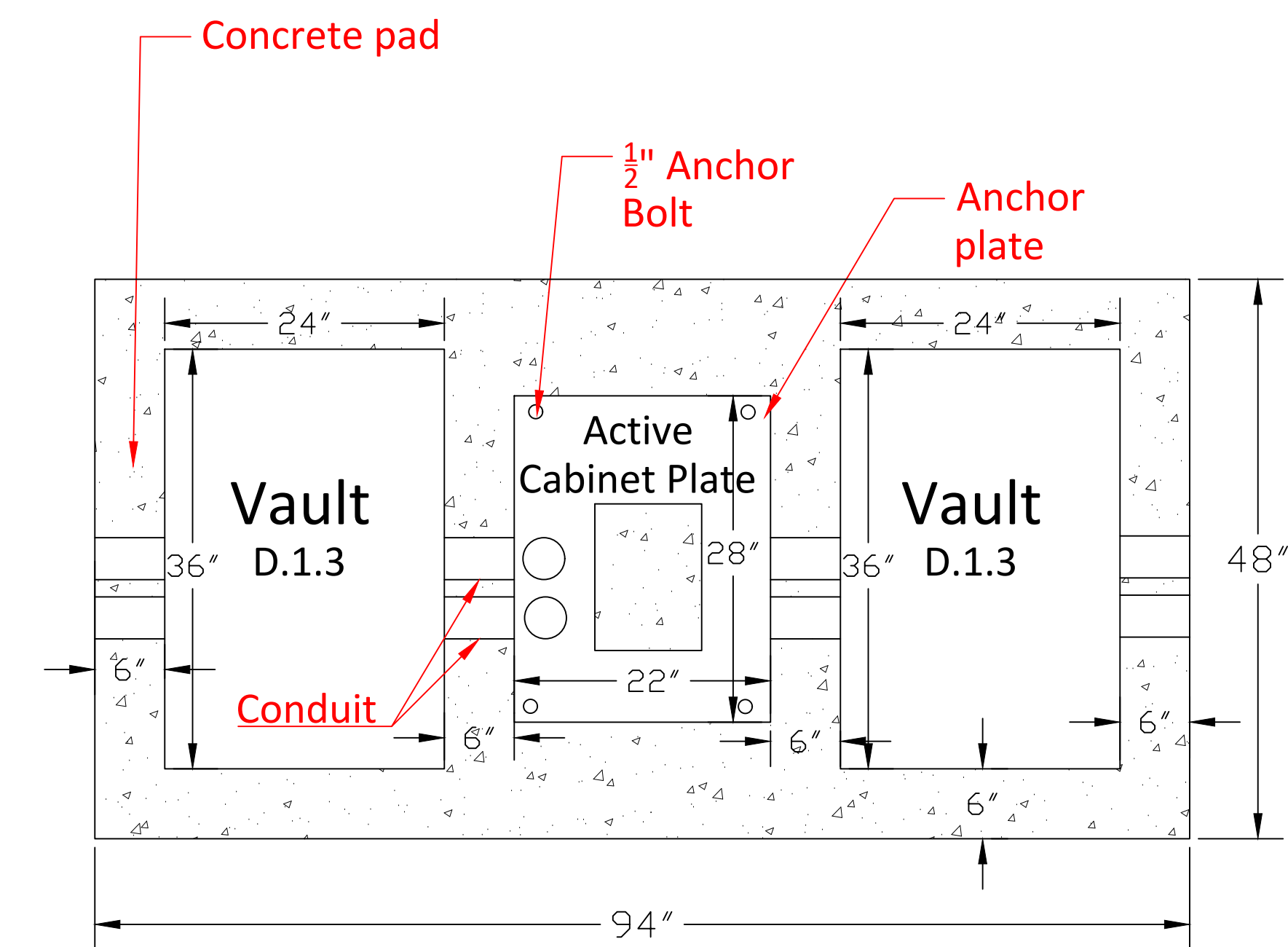


### NOTES

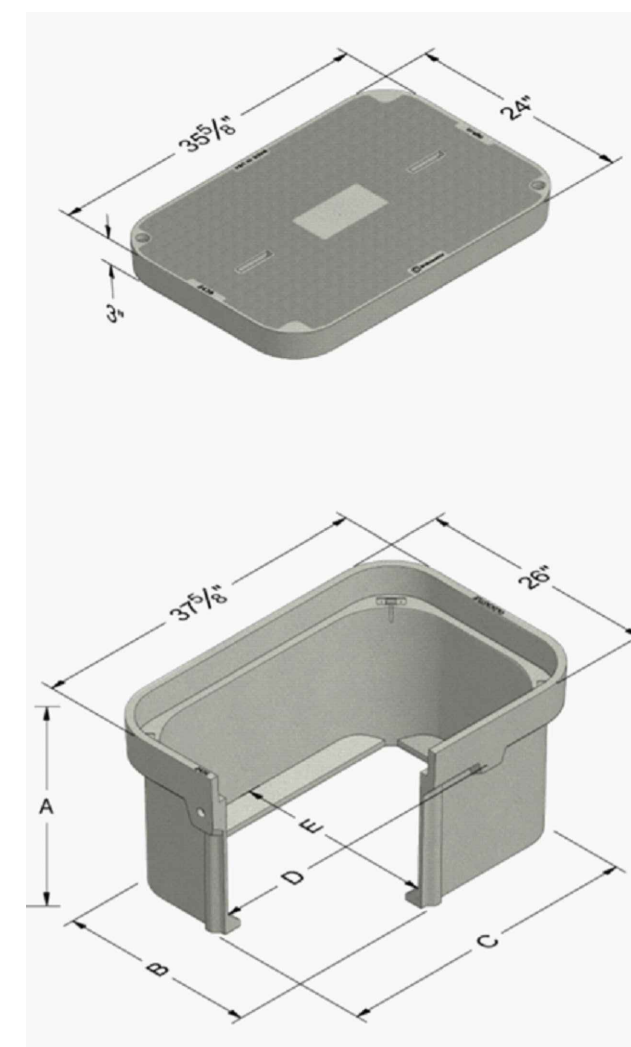
- A ground wire (minimum 2AWG solid copper) must be connected to the site ground ring and routed up through the template before the pad is poured. A 36" loop of ground wire should extend above the future pad for later connection to the cabinet master ground bar (MGB).
- Concrete must be cast at least seven days before cabinet installation to allow for sufficient cure time.
- Ready mixed concrete must meet ASTM C39 specifications.
- Concrete slump shall be 2 to 4 inches as determined by ASTM test method C143.
- See Detail D.1.2 for cabinet placement detail.

Cabinet Dimensions	Height	Width	Depth
	42"	28"	28"

## Detail D.1.2 Active Cabinet Placement Detail

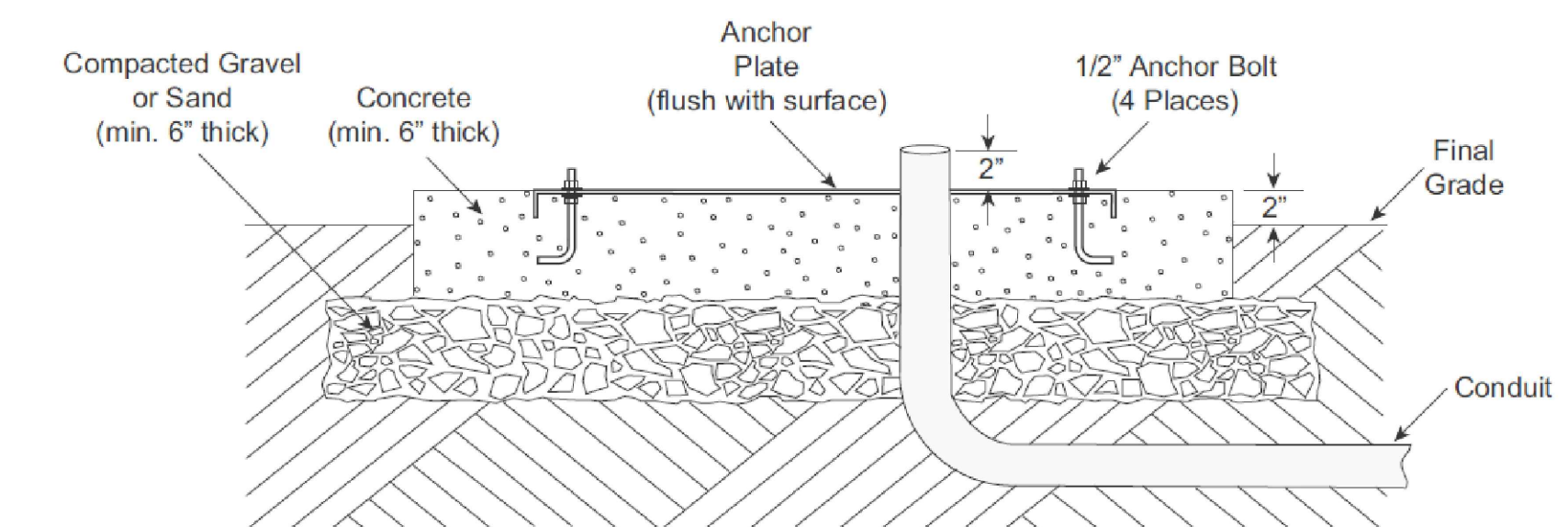


## Detail D.1.3 Typical Handhole Tier 22



COVER:	
Style:	Flush Solid
Material:	Polymer Concrete
Model:	24" x 30"
Weight:	Tier 15: 150 lbs Tier 22: 204 lbs
Std. Fasteners:	1/2-13 Stainless Steel Hex Head Bolt, Washer and Floating Nut
Options:	Logos and Special Markings
Surface:	Slip Resistant & Marked*
Coefficient of Friction:	>0.6 ASTM 1028
Performance:	ANSI/SCTE-77 Tier 15, WUC 3.6 ASTM C857 A-12 ANSI/SCTE-77 Tier 22, WUC 3.6, ASTM C857 A-16

	A	B	C	D	E
2436-16	18	23-5/8	35-1/4	33-3/15	21-9/16
2436-24	24	23-3/8	34-15/16	32-13/16	21-5/16
2436-30	30	23-1/2	35-1/8	32-3/4	21-1/8
2436-36	36	23-3/16	34-11/16	32-7/16	20-15/16



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Drawn by BT

Approved:  
Ovi Biris

Content:  
CONSTRUCTION  
DRAWINGS

Scale:  
NONE

Date:  
7/3/2019

Sheet:  
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