



PI Tower Development, LLC
1821 Cemetery Lane
Hampton, VA



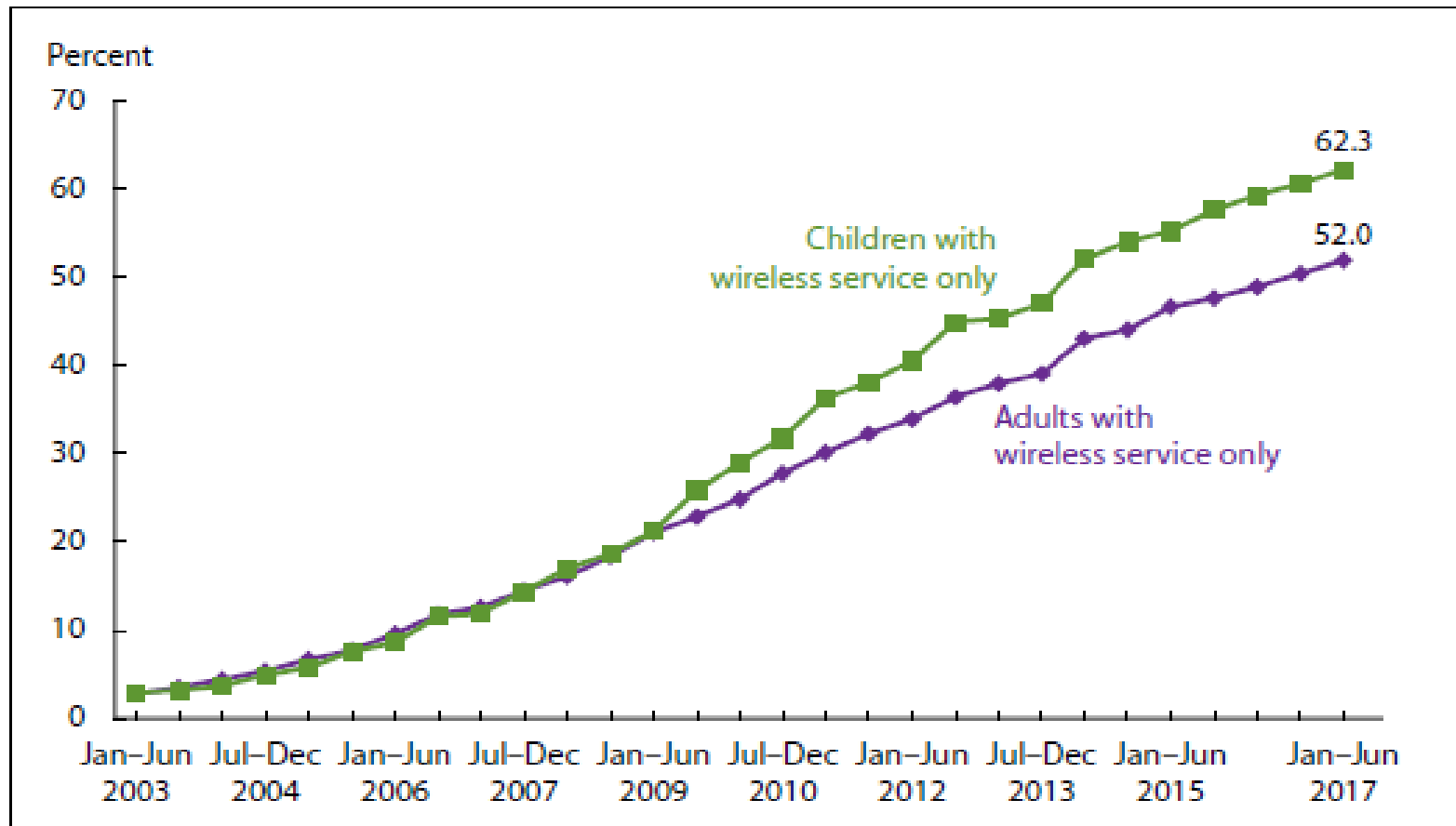
Wireless Demand

- The recession accelerated the move to wireless only households
- December 2007 just under 16% were wireless only
July 2017 nearly 52% wireless only
- 70% of Millennials are wireless only at home
- 3/4ths of Americans own smartphones
- 70% of mobile retail transactions are via smartphone
- Data Traffic over wireless networks has increased dramatically over the last 5 years





Figure. Percentages of adults and children living in households with only wireless telephone service: United States, 2003–2017



NOTE: Adults are aged 18 and over; children are under age 18.

DATA SOURCE: NCHS, National Health Interview Survey.



DATA GROWTH

3X

Data Growth 2013–2015,
from **3.2T MB** to **9.6T MB**



61%

of Mobile Traffic is from
Videos. It will be **77%**
by 2020

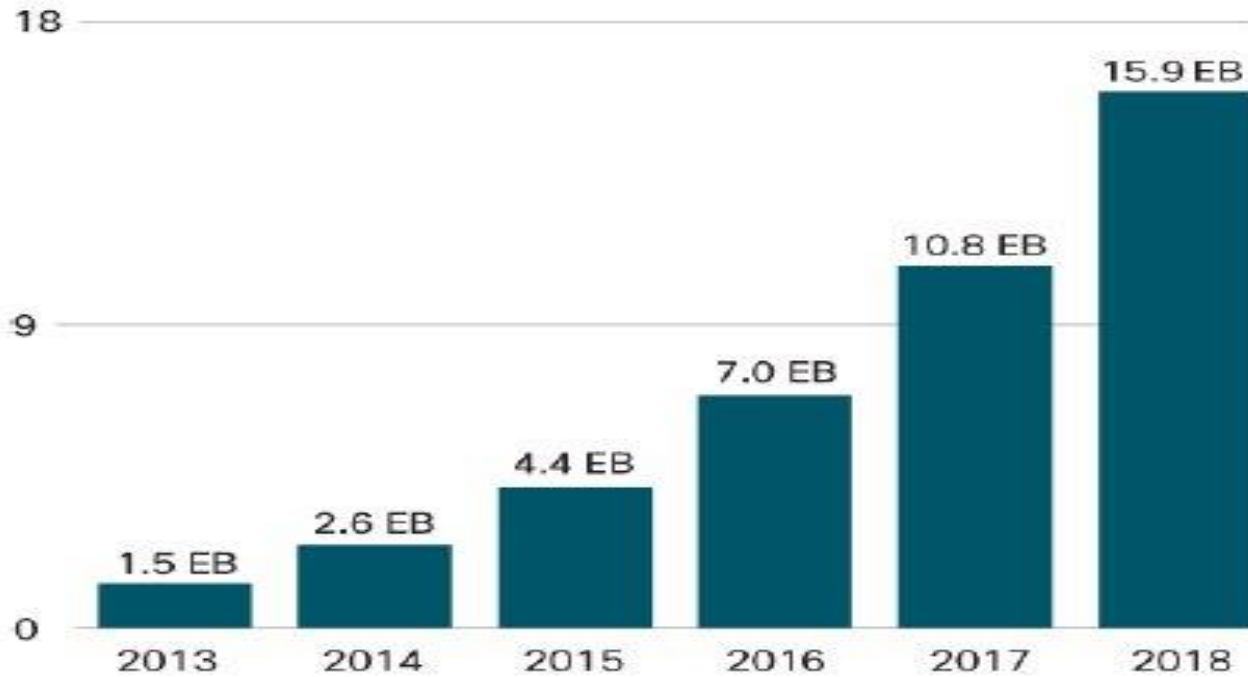




Cisco Forecasts 15.9 Exabytes per Month of Mobile Data Traffic by 2018

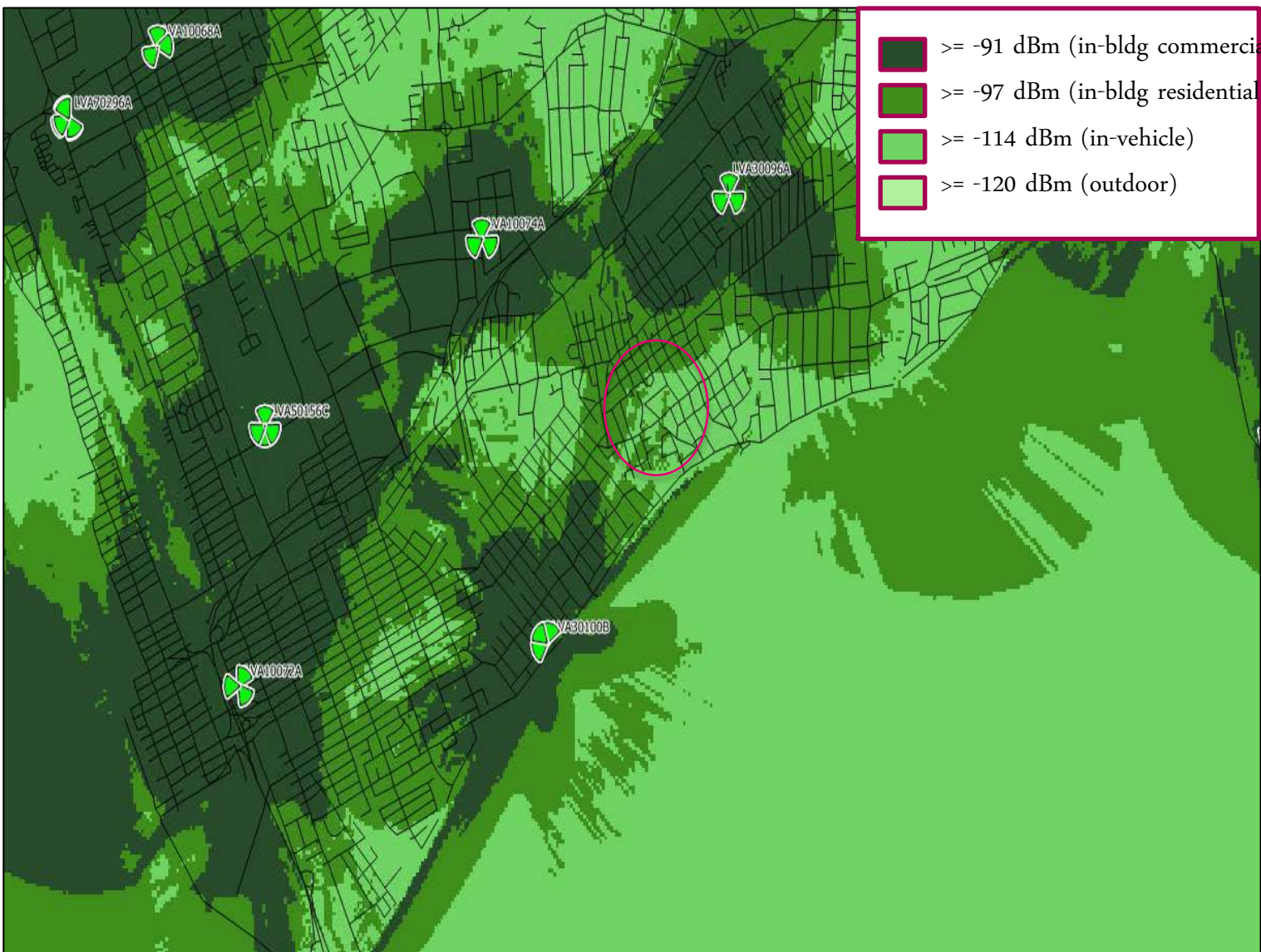
Exabytes per Month

61% CAGR 2013-2018

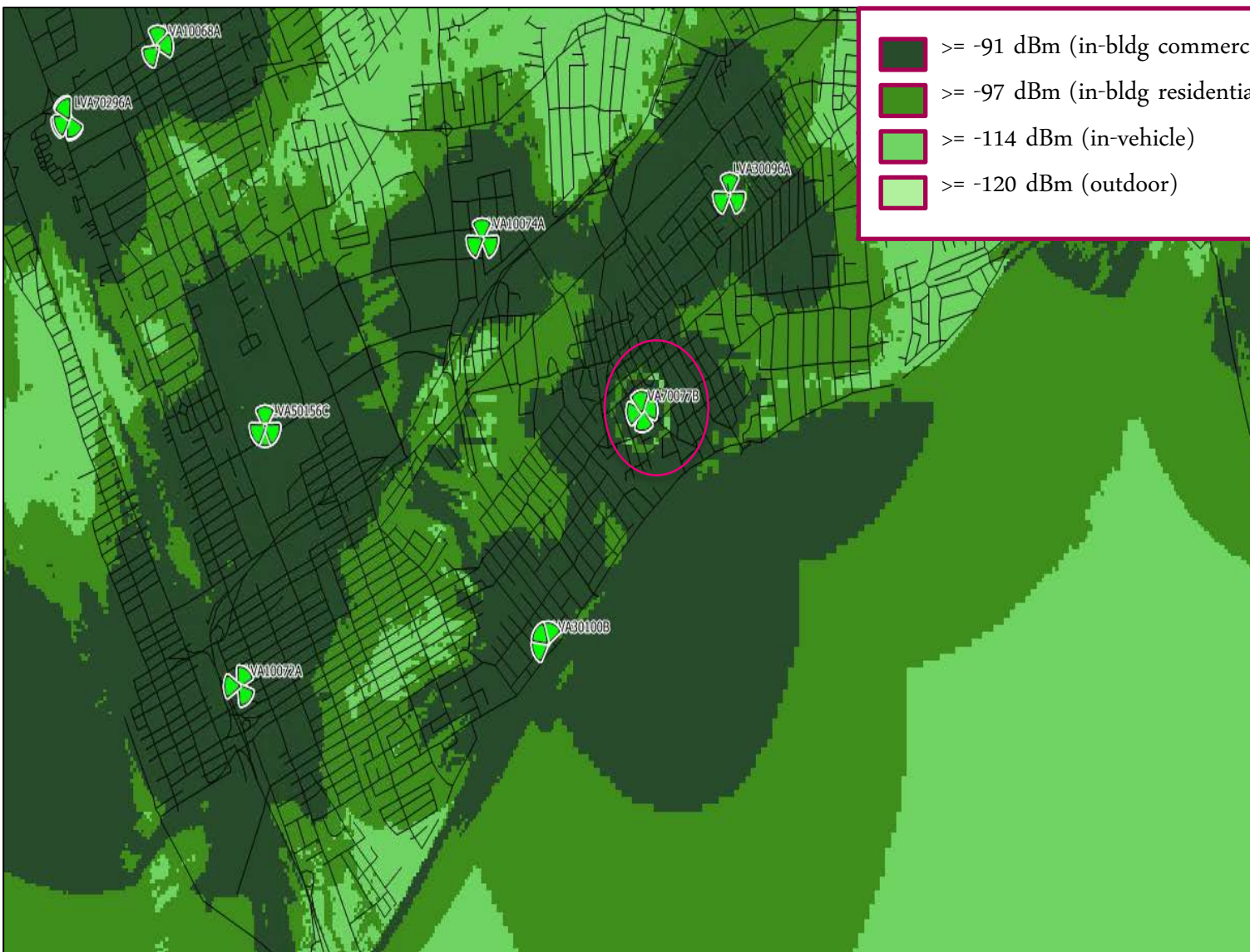






Source: Cisco VNI Mobile, 2014

Existing L2100 Coverage

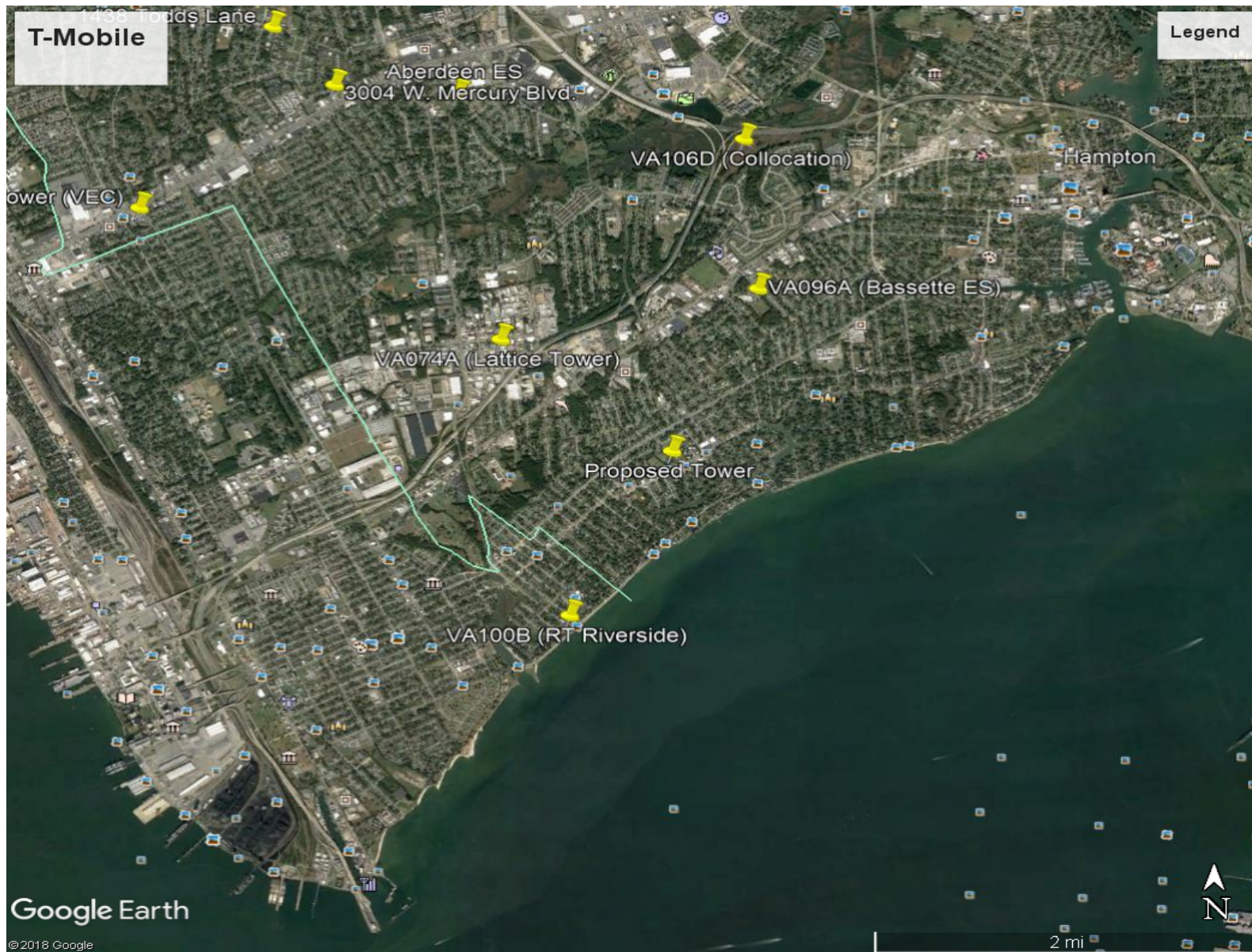


L2100 Coverage-Adding VA70077B



-  ≥ -91 dBm (in-bldg commercial)
-  ≥ -97 dBm (in-bldg residential)
-  ≥ -114 dBm (in-vehicle)
-  ≥ -120 dBm (outdoor)

Azimuth 80-170-260-350
Height : 150ft





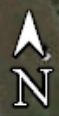
1821 Cemetery Lane

Legend

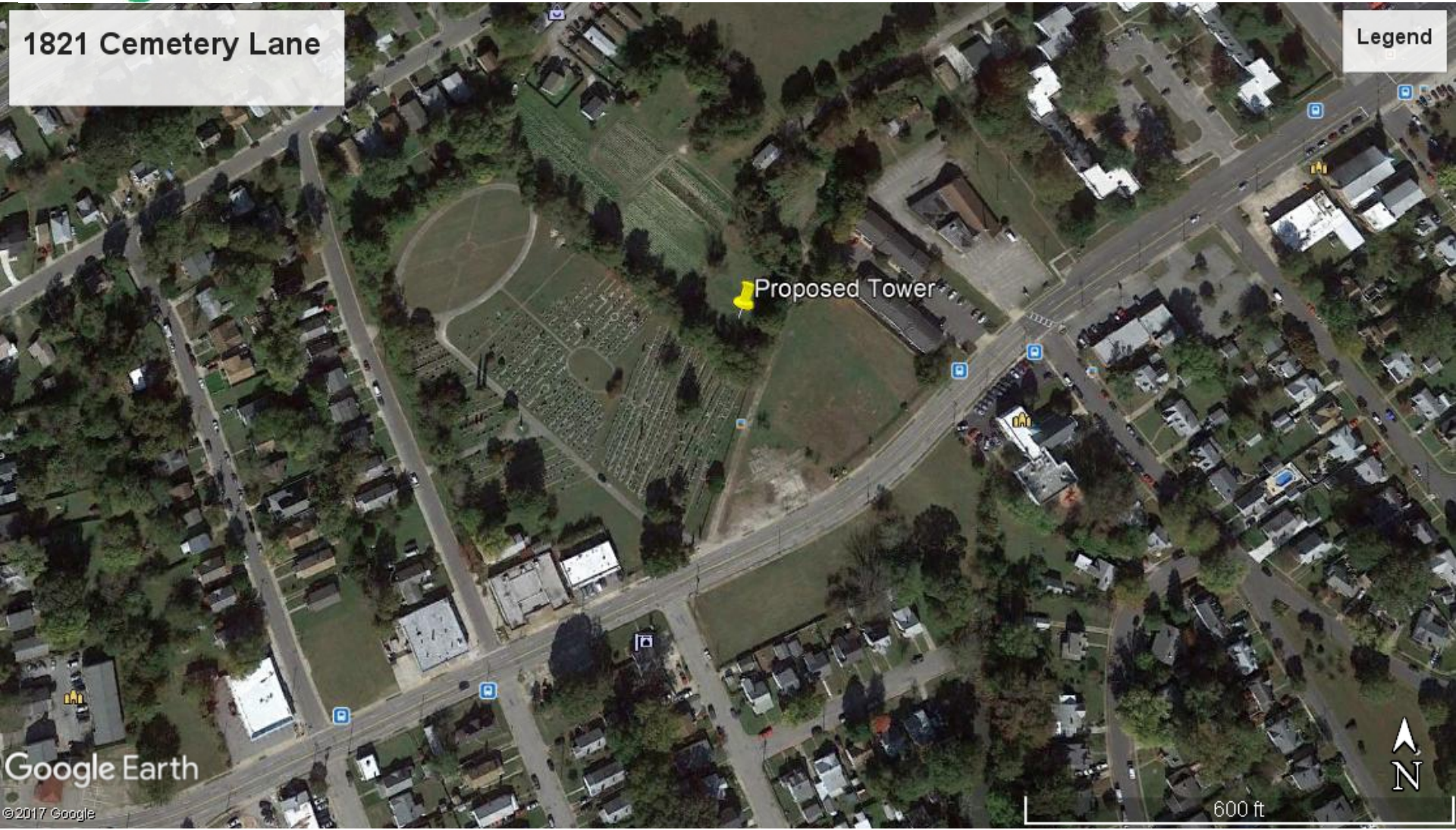
Proposed Tower

Google Earth

©2017 Google



600 ft

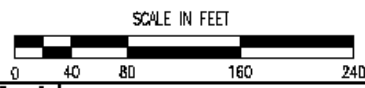
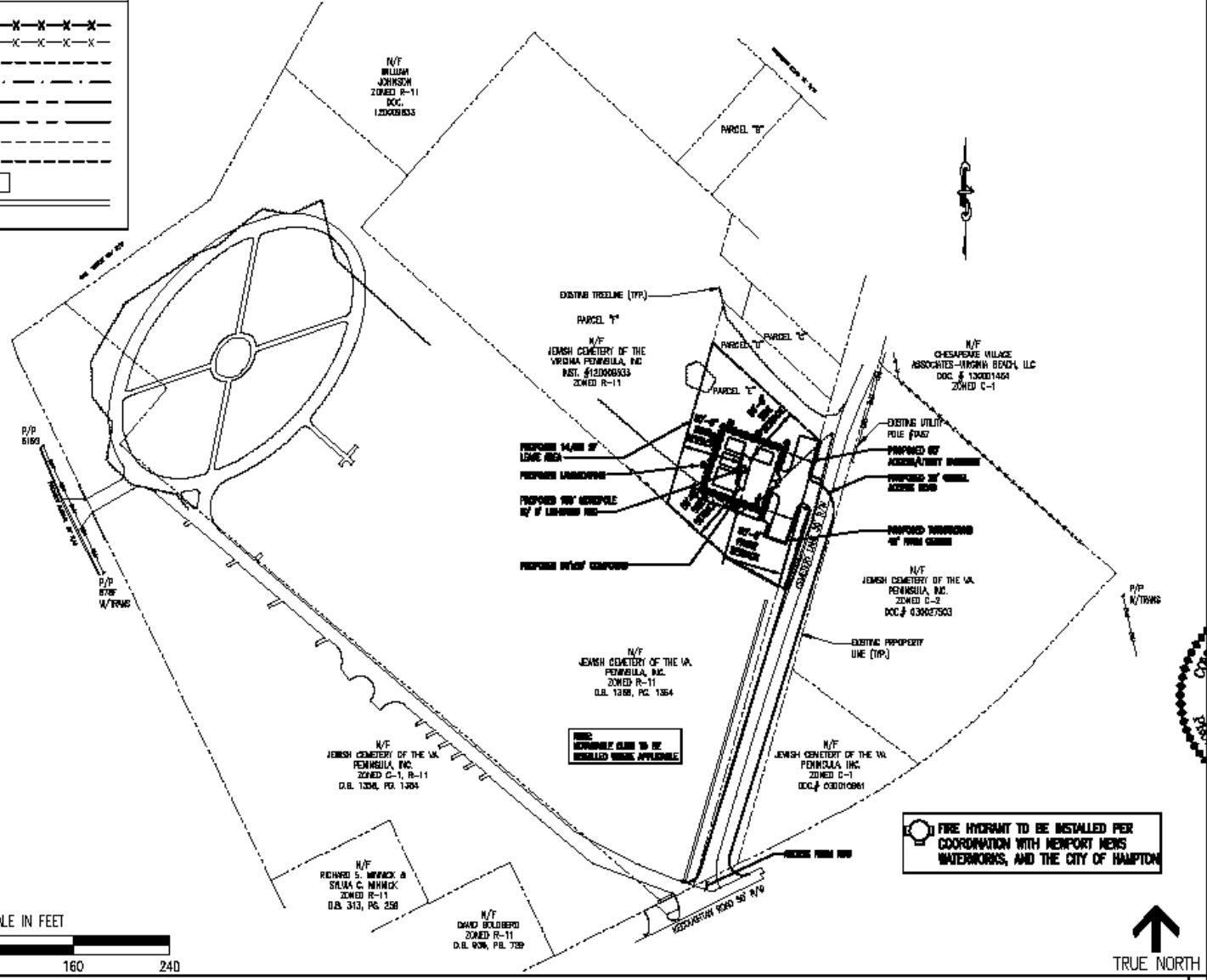




01-30-18 JMWAC 12:35:08 \\10.27.186.8\BC_Files\Drawings - 2017\Detailed Infrastructure\VA-Hampton-Wythe - P\WAC337_F2D's - Rev 7 - 2018-01-26\20.dwg

LEGEND

NEW FENCE	-X-X-X-X-X-
EXIST. FENCE	-X-X-X-X-X-
SETBACK	-----
EASEMENT	-----
LEASE	-----
PROPERTY LINE	-----
EXIST. CONTOUR	-----
NEW CONTOUR	-----
TYP. BUILDING	[Symbol]
TYP. ROAD	-----



SITE PLAN



P/T TRUMP DEVELOPMENT LLC
 C/O LENDLEASE AMERICA INC.
 100 LAKE CHARLES PARKWAY, SUITE 200
 FARMINGDALE, NY 11737

BC
 architects
 engineers
 801 GLENN AVE. SUITE 500
 FELLOESBURG, VA 22401-2608
 TEL: (703) 871-4000
 FAX: (703) 871-4008

SHEET REVISION

NO.	DESCRIPTION	DATE
1	COMMENTS	08/12/2017
2	COMMENTS	08/12/2017
3	COMMENTS	01/20/18
4	COMMENTS	01/20/18
5	COMMENTS	01/18/18
6	COMMENTS	01/25/18
7	COMMENTS	01/20/18

SITE NAME:
VA-HAMPTON-WYTHE
 SITE ID:
PROJ333
 SITE ADDRESS:
**1000 CEMETERY LANE
 FELLOESBURG, VA 22401**



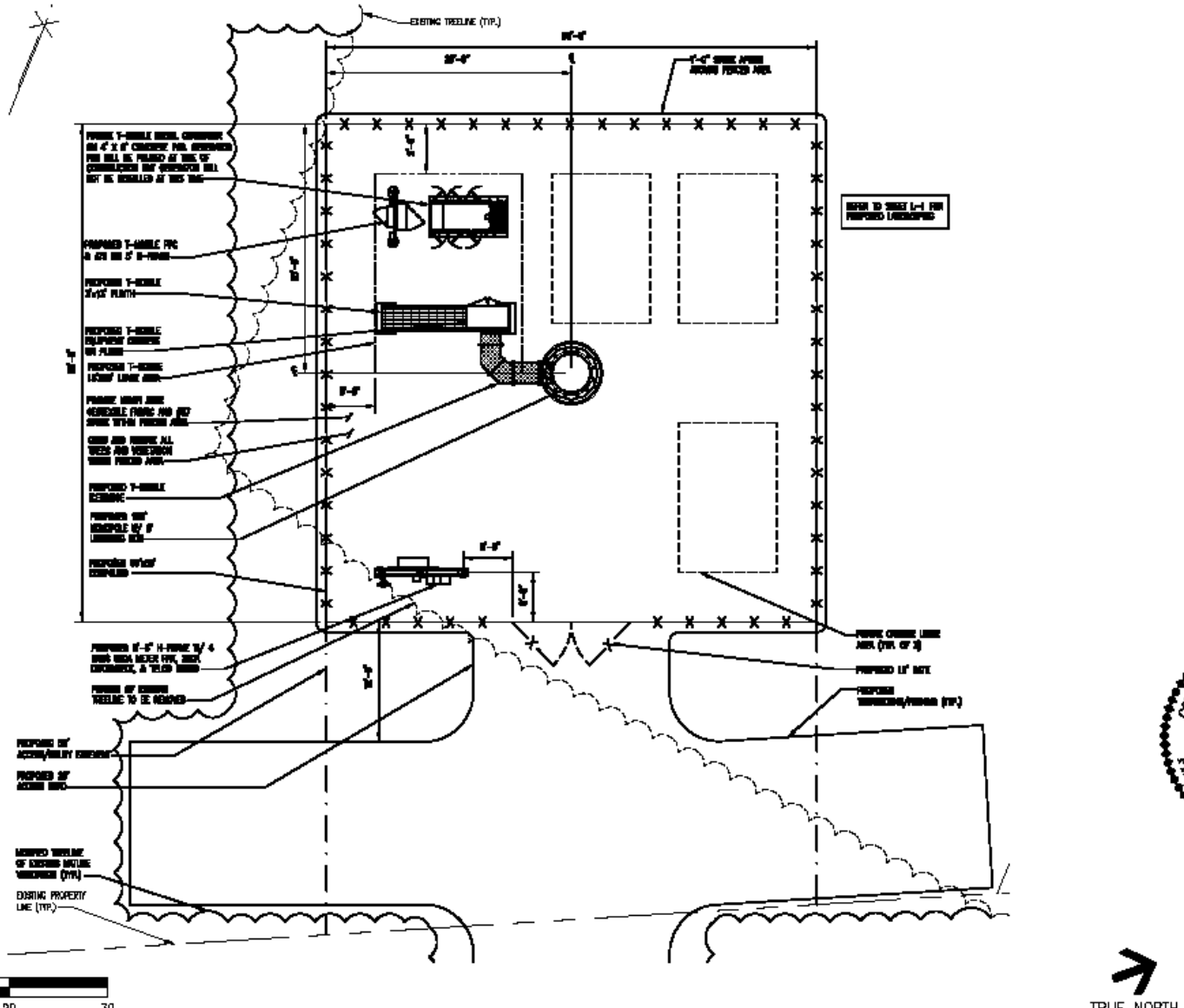
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CHECKED BY	JMW
DATE DRAWN	11-9-17
EXAMINER	JMW
SHEET TITLE	

SITE PLAN

SHEET NUMBER:	REV. #
A-0	7



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ENLARGED SITE PLAN



PI YORK DEVELOPMENT LLC
C/O LUTHELMAN, ANDERSON P.C.
100 LAKE CHARLES PARKWAY, SUITE 200
FARM, VA 23040

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BC
architects
engineers
801 COLUMBIA PIKE, SUITE 600
FALLS CHURCH, VA 22041-5208
TEL: (703) 871-4300
FAX: (703) 871-4308

SHEET REVISION

NO.	DESCRIPTION	BY	DATE
1	COMMENTS	GM	12/20/17
2	COMMENTS	JL	12/20/17
3	COMMENTS	JL	01/20/18
4	COMMENTS	JL	01/18/18
5	COMMENTS	EM	01/18/18
6	COMMENTS	JL	01/25/18
7	COMMENTS	JL	01/30/18

SITE NAME:
VA-HAMPTON-WYTHE
SITE ID:
PKW033
SITE ADDRESS:
100 COLUMBIA PIKE
SUITE 600
FALLS CHURCH, VA 22041



DESIGNED BY:	GM
CHECKED BY:	MM
DATE DRAWN:	11-3-17
EXAMINER:	JGMM
SHEET TITLE:	

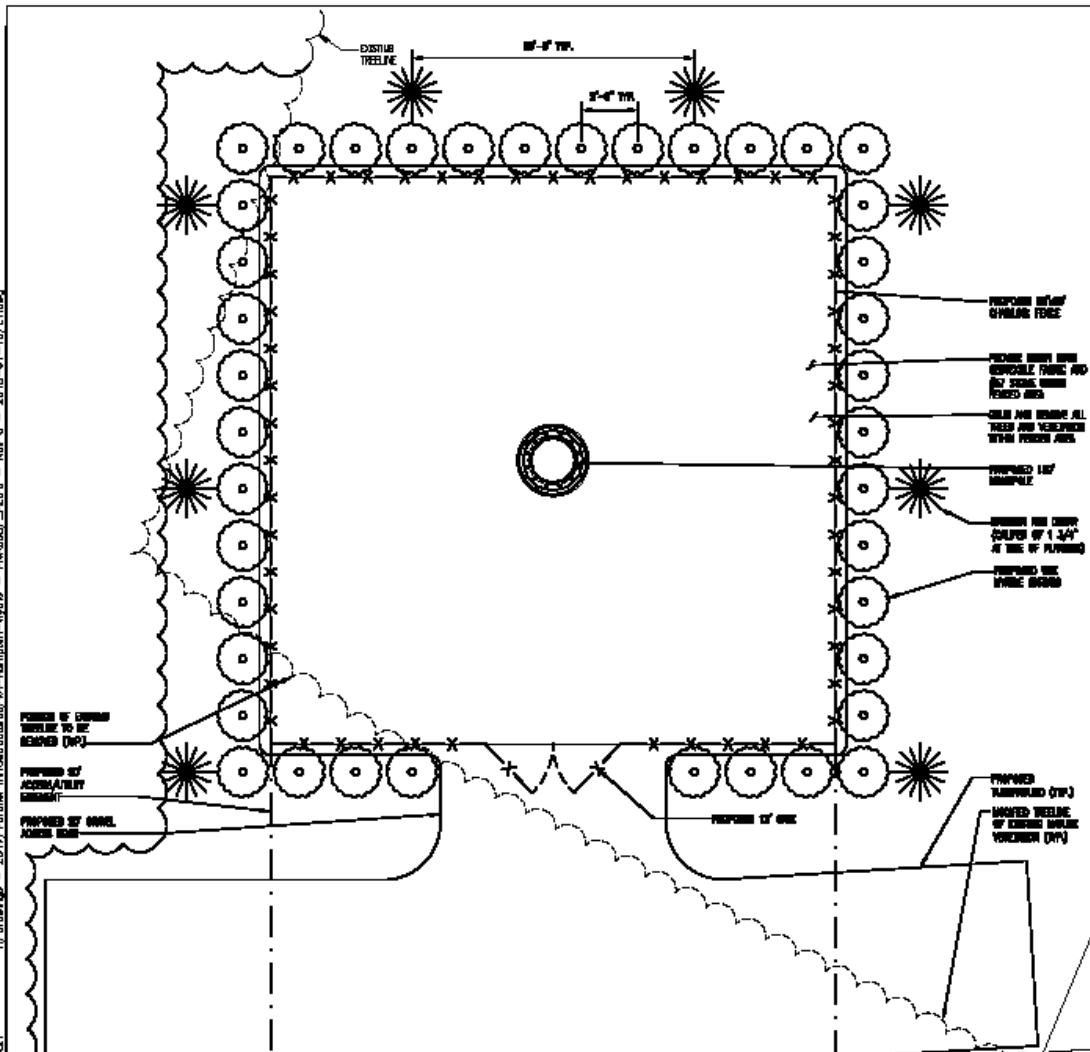
ENLARGED
SITE PLAN

SHEET NUMBER:	REV. #
A-1	7





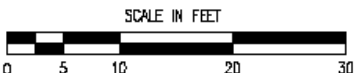
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PROPOSED BY OWNER
 (TO BE REMOVED (R))

 PROPOSED BY ARCHITECT/ENGINEER
 (E)

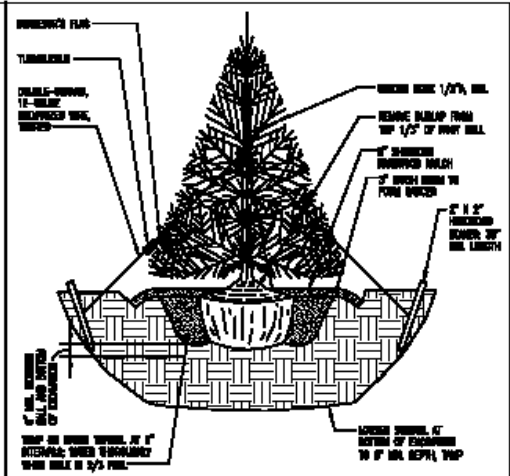
 PROPOSED BY CIVIL ENGINEER
 (C)



SYMBOL	QTY.	SCIENTIFIC NAME	HEIGHT @ PLANTING	SPACING	HEIGHT @ MATURITY	COMMON NAME
	6	JANQUETIA LYONHARTII	8'-0" to 10'-0"	33'-0" O.C.	18'-0"	DAWSON RED CEDAR
	44	NOVELLA DERIFERA	8'-0"	9'-0" O.C.	12'-0"	IRIS MYRTLE

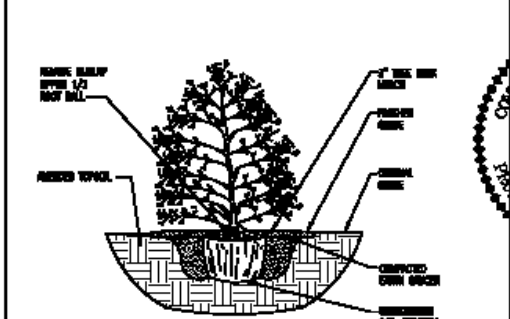


LANDSCAPING PLAN



- NOTES:**
1. EXISTING TREE SHALL BE REPL. IF IN HEIGHT PLANNED @ 8'-0" OR GREATER.
 2. SPACES OF THIS SHALL BE INSTALLED AND COVERED.
 3. POTTY PLANTERS SHALL HAVE A 1/2" DIA. HOLES AT POINT 48 FEET APART. THE DATE OF TRAIL COVERED WITH BLACK.

N.T.S. PLANT INSTALLATION DETAIL 2



- NOTES:**
1. SHRUB PLANTERS SHALL HAVE A MINIMUM HEIGHT OF 18" @ 48 FEET APART AND HAVE NO UNCOVERED OPENINGS UNDER THEM FOUR (4) FEET.
 2. SPACING SHALL BE 96" MIN.

N.T.S. SHRUB INSTALLATION DETAIL 3

P-TERRAZZO MATERIALS LLC
 100 LINDSEY AVE. SUITE 200
 BIRMINGHAM, AL 35203

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BC
architects
engineers

1001 GLENN AVE. SUITE 200
 FALLS CHURCH, VA 22034
 TEL: (703) 477-4000
 FAX: (703) 477-4000

SHEET REVISION

NO.	DESCRIPTION	DATE
1	COMMENTS: R01	12/20/17
2	COMMENTS: JE	12/28/17
3	COMMENTS: JE	01/30/18
4	COMMENTS: JE	01/20/18
5	COMMENTS: JE	01/18/18
6	COMMENTS: JE	01/25/18
7	COMMENTS: JE	01/30/18

SITE NAME
VA-HAMPTON-WYTHE

SITE ID:
PH0033
 SITE ADDRESS:
**1100 CANTERBURY LANE
 HAMPSHIRE, VA 23061**

COMMONWEALTH OF VIRGINIA

CHRISTOPHER D. MORIN
 No. 032984
 01.30.18
 PROFESSIONAL ENGINEER

CHECKED BY: **MM**
 DATE DRAWN: **11-9-17**
 DRAWN BY: **MM**
 SHEET TITLE:

LANDSCAPING PLAN
 SHEET NUMBER: **L-1** REV. **7**



VA - Hampton - Wythe - Photo Log

Photo Location	Coordinates	Visibility	Address
Tower	37.00134 N, 76.38308 W		
1	36.99995 N, 76.38333 W	Visible	Kecoughtan Rd. & Hill St.
2	36.99774 N, 76.38410 W	Not Visible	Kent St. & Clifton St.
3	36.99837 N, 76.38834 W	Not Visible	Claremont Ave.
4	36.99585 N, 76.38853 W	Not Visible	Hampton Ave. & Greenbriar Ave.
5	36.99616 N, 76.38515 W	Not Visible	Shatto Dr. & Clasenont Ave.
6	36.99518 N, 76.38179 W	Not Visible	Chesapeake Ave. & Orchard Ave.
7	36.99746 N, 76.37885 W	Not Visible	Chesapeake Ave. & Robinson Ave.
8	36.99889 N, 76.37568 W	Not Visible	Chesapeake Ave. & Chesterfield Rd.
9	37.00299 N, 76.37447 W	Not Visible	Fochin Pl. & Secota Dr.
10	37.00316 N, 76.37745 W	Visible	Focalentas Pl. & Kecoughtan Rd.
11	37.00126 N, 76.38008 W	Visible	Chancellor Rd.
12	36.99984 N, 76.39027 W	Not Visible	Victoria Blvd. & Cottonwood Ave.
12A	36.99860 N, 76.38860 W	Visible	Cottonwood Ave. & Kecoughtan Rd.
13	36.99912 N, 76.38659 W	Not Visible	Kecoughtan Rd. & Pennsylvania Ave.
14	37.00373 N, 76.39171 W	Not Visible	Shell Rd. & Cata pa Ave.
15	37.00458 N, 76.38651 W	Not Visible	Shell Rd. & Tabb St.
16	37.00296 N, 76.38384 W	Visible	Bay Ave. & Robinson Rd.
17	37.00508 N, 76.38187 W	Not Visible	Victoria Blvd. & Wythe Pkwy.



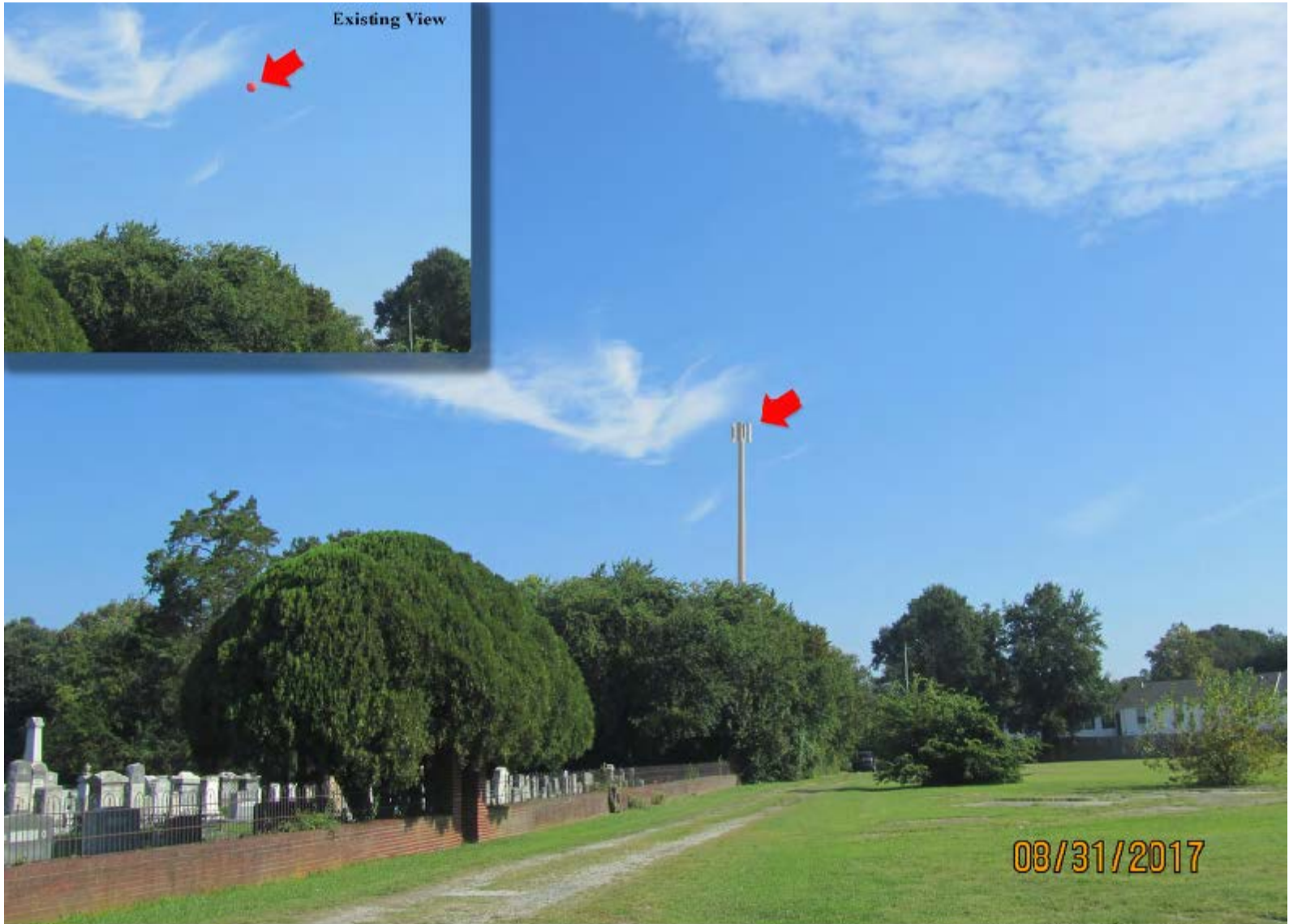
VA - Hampton - Wythe
- PIVA033

1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower

Aerial View



Existing View

08/31/2017



150'-0" Monopole Tower - Visible
View 1 from Kecoughtan Rd. & Hill St.

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- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



08/31/2017



150'-0" Monopole Tower - Not Visible
View 2 from Kent St. & Clifton St.

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1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 3 from Claremont Ave.

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1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 4 from Hampton Ave. & Greenbriar Ave.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 5 from Shatto Dr. & Claremont Ave.

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1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 6 from Chesapeake Ave. & Orchard Ave.

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1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 7 from Chesapeake Ave. & Robinson Rd.

VA - Hampton - Wythe
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1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 8 from Chesapeake Ave. & Chesterfield Rd.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 9 from Pochin Pl. & Secota Dr.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



08/31/2017



Existing View

08/31/2017



150'-0" Monopole Tower - Visible
View 11 from Chancellor Rd.

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- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 12 from Victoria Blvd & Cottonwood Ave.

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1821 Cemetery Lane, Hampton, VA 23661



08/31/2017



150'-0" Monopole Tower - Visible
View 12A from Cottonwood Ave. & Kescoughtan Rd.

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- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 13 from Kecoughtan Rd. & Pennsylvania Ave.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



08/31/2017



150'-0" Monopole Tower - Not Visible
View 14 from Shell Rd. & Catalpa Ave.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 15 from Shell Rd. & Tabb St.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Visible
View 16 from Bay Ave. & Robinson Rd.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661



150'-0" Monopole Tower - Not Visible
View 17 from Victoria Blvd. & Wythe Pkwy.

VA - Hampton - Wythe
- PIVA033
1821 Cemetery Lane, Hampton, VA 23661