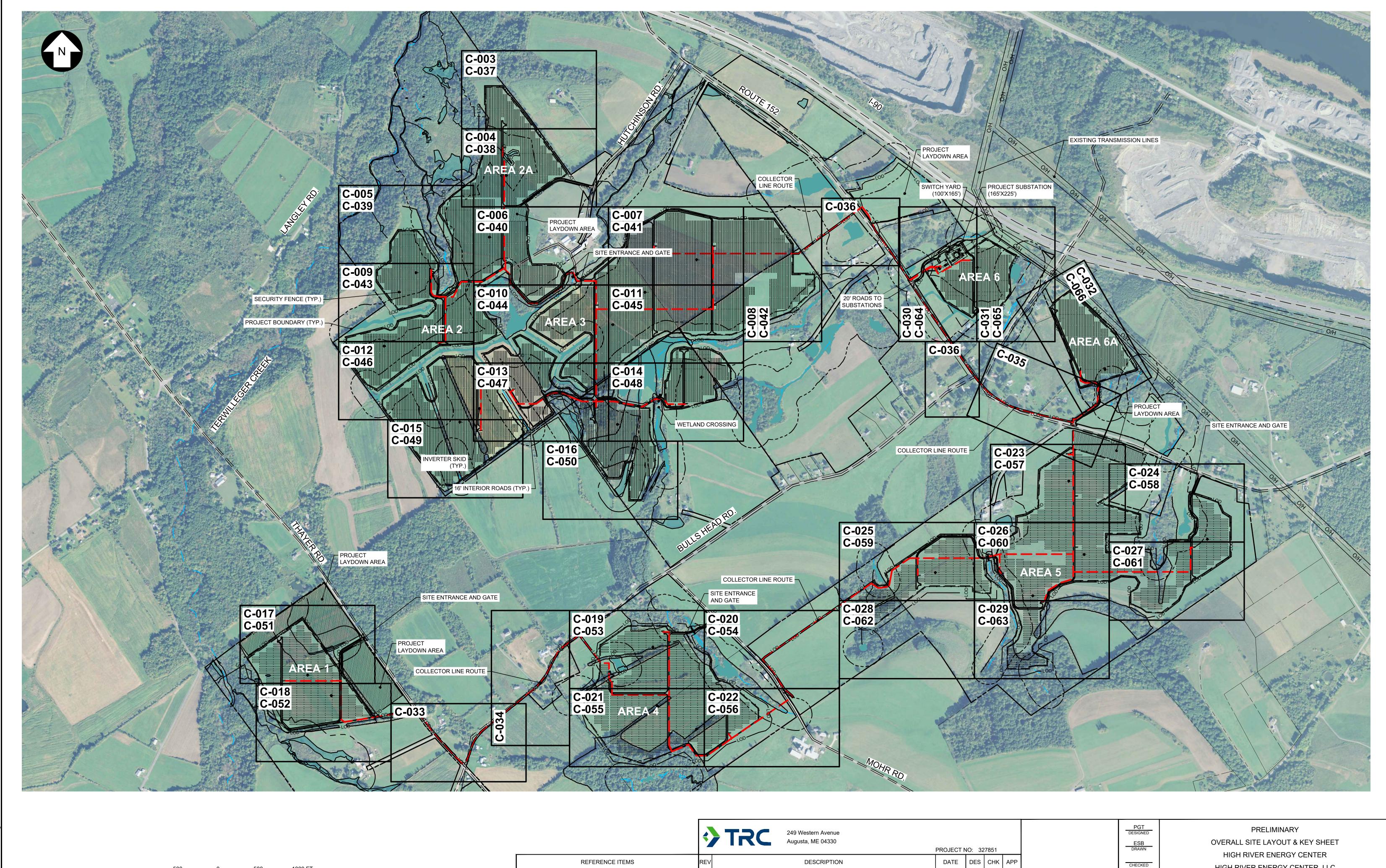
HIGH RIVER ENERGY PROJECT ARTICLE 10 EXHIBIT 24

SITE PLAN

ATTACHMENT 1



ISSUED FOR ARTICLE 10 SUBMISSION

ISSUED FOR CLIENT REVIEW

ISSUED FOR CLIENT REVIEW

ISSUED FOR CLIENT REVIEW

HIGH RIVER ENERGY CENTER, LLC

MONTGOMERY CO., NY

C-001

FLORIDA

APPROVED

REVIEW 1

09-12-19 CMW PGT

08-19-19 SEK PGT

07-19-19 CMW PGT

SEK PGT

08-09-19

UNDER NEW YORK STATE EDUCATION LAW ARTICLE

VIOLATION OF THE LAW FOR ANY PERSON, UNLESS

PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

PRELIMINARY

NOT FOR CONSTRUCTION

SCALE: 1" = 500'

Call 811 before you dig

145 (ENGINEERING), SECTION 7209 (2), IT IS A

ACTING UNDER THE DIRECTION OF A LICENSED

GENERAL NOTES:

SURVEY NOTES:

- 1. PROPERTY BOUNDARY SURVEY INFORMATION PROVIDED BY CT MALE ASSOCIATES DATED JUNE 2019.
- 2. TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY DUDEK DATED MAY 2019.
- 3. WETLAND BOUNDARY INFORMATION PROVIDED BY TRC DATED MAY 2018.
- 4. ZONING BOUNDARY INFORMATION OBTAINED FROM THE TOWN OF FLORIDA ZONING MAPS.
- 5. SOILS INFORMATION FROM USDA-NRCS WEB SOIL SURVEY FOR MONTGOMERY COUNTY, NY DATED SEPTEMBER 3, 2018.
- 6. FLOOD ZONE CLASSIFICATION:

SITE LIES OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN (ZONE X); AS SHOWN ON THE FOLLOWING MAPS NUMBERED:

36057C0212E - DATED JANUARY 19, 2018 36057C0215E - DATED JANUARY 19, 2018 36057C0216E - DATED JANUARY 19, 2018 36057C0217E - DATED JANUARY 19, 2018 36057C0238E - DATED JANUARY 19, 2018

7. HORIZONTAL DATUM: NEW YORK STATE PLANE, EAST ZONE, NAD83 U.S. FOOT. VERTICAL DATUM: NAVD88.

SWPPP NOTE:

THE EROSION AND SEDIMENTATION CONTROL MEASURES FOR THIS PROJECT SHALL BE IN SUBSTANTIAL COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-15-002) OR GP IN EFFECT AT COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

REMOVAL NOTES:

- 1. TREES AND OTHER VEGETATION MAY BE REDUCED TO CHIPS BY THE USE OF CHIPPING MACHINES OR STUMP GRINDER AND USED AS REQUIRED FOR EROSION CONTROL. ALL OTHER CHIPS AND WOOD WASTE RESULTING FROM REMOVAL OPERATIONS SHALL BE DISPOSED OF OFF-SITE AT A FACILITY AND IN A MANNER APPROVED BY THE OWNER.
- 2. ALL DEMOLITION WASTE, DEBRIS AND RUBBISH SHALL BE PROPERLY REMOVED FROM THE SITE AS IT OCCURS. ALL MATERIALS SHALL BE PROPERLY DISPOSED OF OFF-SITE IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- 3. TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING IMPROVEMENTS AND FACILITIES TO REMAIN IN PLACE. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND REPLACEMENT OF DAMAGED ITEMS AS A RESULT OF CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.

SAFETY NOTE:

PORTIONS OF THE WORK WILL BE CARRIED OUT NEAR AND UNDER ENERGIZED EQUIPMENT. EXTREME CAUTION IS REQUIRED AT ALL TIMES. THE CONTRACTOR SHALL STRICTLY FOLLOW ALL NATIONAL GRID SAFETY REQUIREMENTS WHEN WORKING WITHIN NATIONAL GRID RIGHT OF WAY. FAILURE TO DO SO WILL RESULT IN TERMINATION.

EARTHWORK:

UNLESS INDICATED OTHERWISE, REFER TO THE LATEST EDITION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS FOR GENERAL REQUIREMENTS, PRODUCTS AND EXECUTION RELATED TO CONSTRUCTION OF BUT NOT LIMITED TO; CLEARING, GRUBBING, ROADS, UTILITY TRENCH EXCAVATION, BORROW, SUBGRADE, SUBBASE, GRANULAR FILL, AND AGGREGATE BASE.

PROJECT CONSTRUCTION SEQUENCING NOTES:

THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION SEQUENCING OR CONSTRUCTION PHASING PLAN FOR OWNER APPROVAL THAT COMPLIES WITH PERMITTING REQUIREMENTS. THE PLAN SHALL SHOW THAT ACTIVE LAND DISTURBANCE ACTIVITIES WILL BE LIMITED TO LESS THAN FIVE (5) ACRES IN SIZE AND SHALL DISCUSS BUT IS NOT LIMITED TO THE FOLLOWING:

- 1. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED AND THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- 2. PRIOR TO THE START OF ONSITE EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL ESTABLISH THE CONSTRUCTION WORKSPACE LIMITS AND IDENTIFY AND MARK SENSITIVE RESOURCES.
- 3. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) IN ORDER TO PROTECT DOWN GRADIENT AREAS.
- 4. AFTER PERMANENT EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED AND FUNCTIONING ON THE CURRENT CONSTRUCTION PHASE, THE CONTRACTOR SHALL OBTAIN OWNER APPROVAL PRIOR TO BEGINNING EARTHWORK ON THE SUBSEQUENT CONSTRUCTION PHASE.

	LEGEND	
EXISTING		PROPOSED
	PROPERTY/ROW LINE	
	SETBACK LINE	
	EASEMENT LINE	
	LIMIT OF DISTURBANCE	
	EDGE OF PAVEMENT	
	CURBING	
<u></u>	EDGE OF GRAVEL	
———122———	CONTOUR MINOR	
——— 122 ———	CONTOUR MAJOR	
.11111111111111111111111111111111111111	BUILDING	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STONEWALL	
.~~~.	TREELINE	.~~~.
xxxx	CHAIN LINK FENCE	
	CULVERT	D
—— O/H ——	OVERHEAD ELECTRIC	
Q	UTILITY POLE	
0	UTILITY POLE W/ GUY	
0-**	UTILITY POLE W/ LIGHT	
*	LIGHT POLE	
0	BOLLARD	
<u>DaB</u>	SOILS	
	STREAM	
	200' STREAM BUFFER	
	EDGE OF WETLANDS	
	200' WETLAND BUFFER	
	DELINEATED WETLANDS/WATERBODIES	
$\Longrightarrow$	DRAINAGE FLOW	
	INFILTRATION TRENCH	
<del>- o -</del>	SIGN	
$_{\square}{}^{MB}$	MAILBOX	
	STONE CHECK DAM	
	SILT FENCE	SF
	COLLECTOR LINE	
<b>₩</b> xx	TEST PIT	
<del>•</del> xx	SOIL BORING	
	VERNAL POOL	
	STABILIZED PERVIOUS ROAD SECTION	

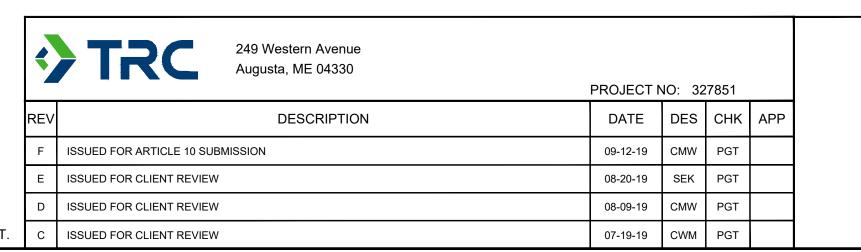
HIGH RIVER SY	STEM SPECIFICATIONS	
SYSTEM STC DC RATING	113.15 (MW)	
SYSTEM AC CAPACITY	97.02(MW)	
SYSTEM AC RATING AT POI	90.00	
DC/AC RATIO AT POI	1.26	
MODULE MODEL	JINKO 415W / SAFE HARBOR 370W	
MODULE STC DC RATING	415/ 370 (W)	
MODULE COUNT	273520 (265460 / 8060)	
MODULES PER STRING	26	
STRING COUNT	10520	
3 STRING TRACKER	1468	
2 STRING TRACKER	421	
1 STRING TRACKER	464	
FIXED TILT (2 STRINGS PER ARRAY)	2405	
INVERTER MODEL	PE FS3350MVA 1500V	
INVERTER RATING	3.465 (MW)	
QUANTITY OF INVERTERS	28.00	
TRANSFORMER RATING	3.75 (MVA)	
QUANTITY OF TRANSFORMERS	28.00	
DC SYSTEM VOLTAGE	1500 (V)	
INTERCONNECTION VOLTAGE	34.5/115 (KV)	
TRANSMISSION LENGTH	500 (FEET)	
RACKING SYSTEM	FIXED TILT (2x10 PORTRAIT) - (117000 / 8060 MODULES TRACKER (1 HIGH IN PORTAIT) - (148460 MODULES)	
MODULE TILT	FIXED - 25° TRACKER60° TO 60°	
AZIMUTH	FIXED - 180° TRACKER - 0° AXIS	
ROW-TO-ROW SPACING (LF)	FIXED - 15.67 TRACKER - 12.96	
ASHRAE 2% DESIGN BULB TEMP MAX	31° (C)	
ASHRAE EXTREME ANNUAL MEAN MINIMUM DRY-BULB TEMP	-23° (C)	
PROPERTY AREA	1124.76 (AC)	
FENCED AREA	480 (AC)	
FENCING LENGTH	80,771 (LF)	
ROADS	34,633 (LF)	

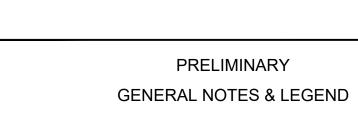
CUT AND FILL REPORT				
NAME	CUT	FILL	NET	
	(Cu. Yd.)	(Cu. Yd.)	(Cu. Yd.)	
AREA 1	96.86	1577.44	1480.58 <fill></fill>	
AREA 2 & 2A	38430.28	54763.78	16333.49 <fill></fill>	
AREA 3	3102.80	15364.69	12261.90 <fill></fill>	
AREA 4	237587.79	237935.03	347.25 <fill></fill>	
AREA 5	2240.28	8681.78	6441.49 <fill></fill>	
AREA 6	395.64	13698.90	13303.26 <fill></fill>	
AREA 6A	40.72	1745.73	1705.01 <fill></fill>	

PRELIMINARY

NOT FOR CONSTRUCTION

UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.



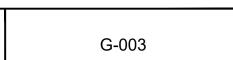


HIGH RIVER SOLAR
NEXTERA ENERGY
FLORIDA MONTOGOMERY CO., NY

PGT DESIGNED

REVIEW 1

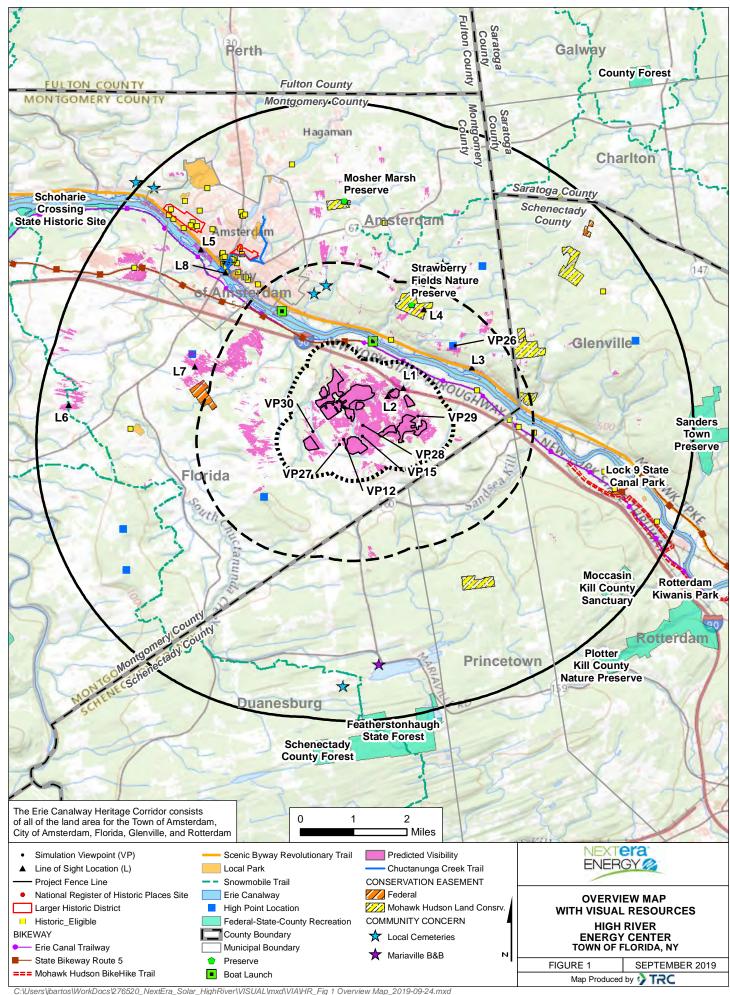


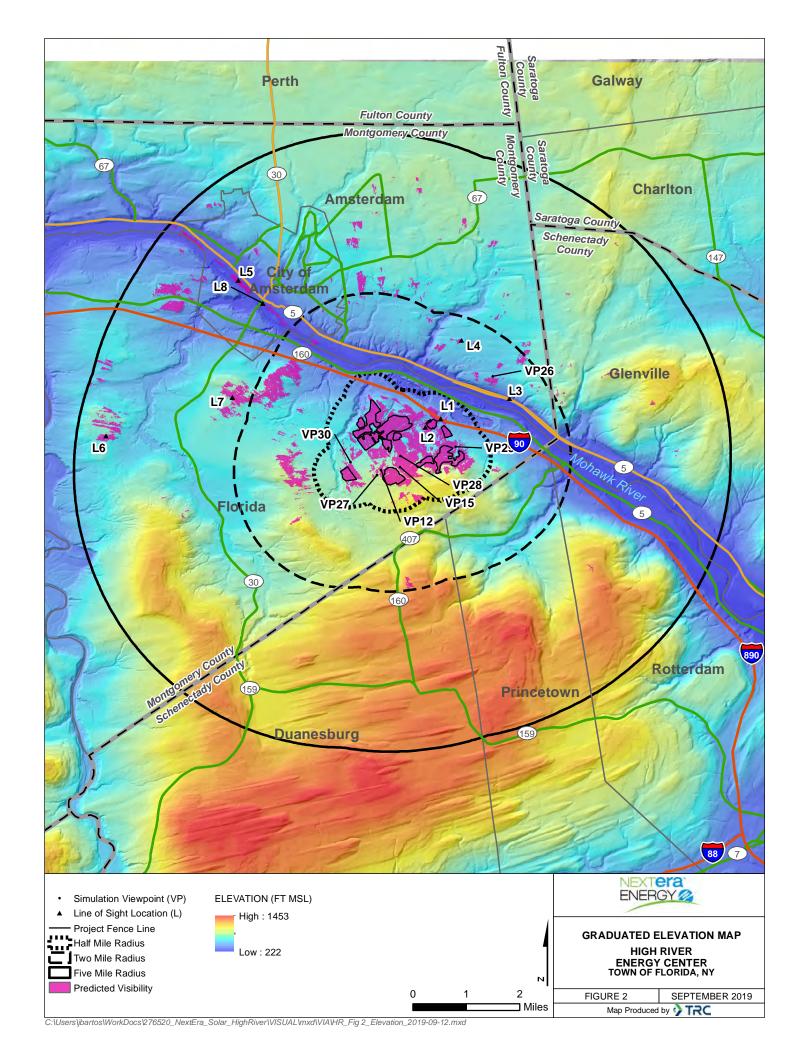


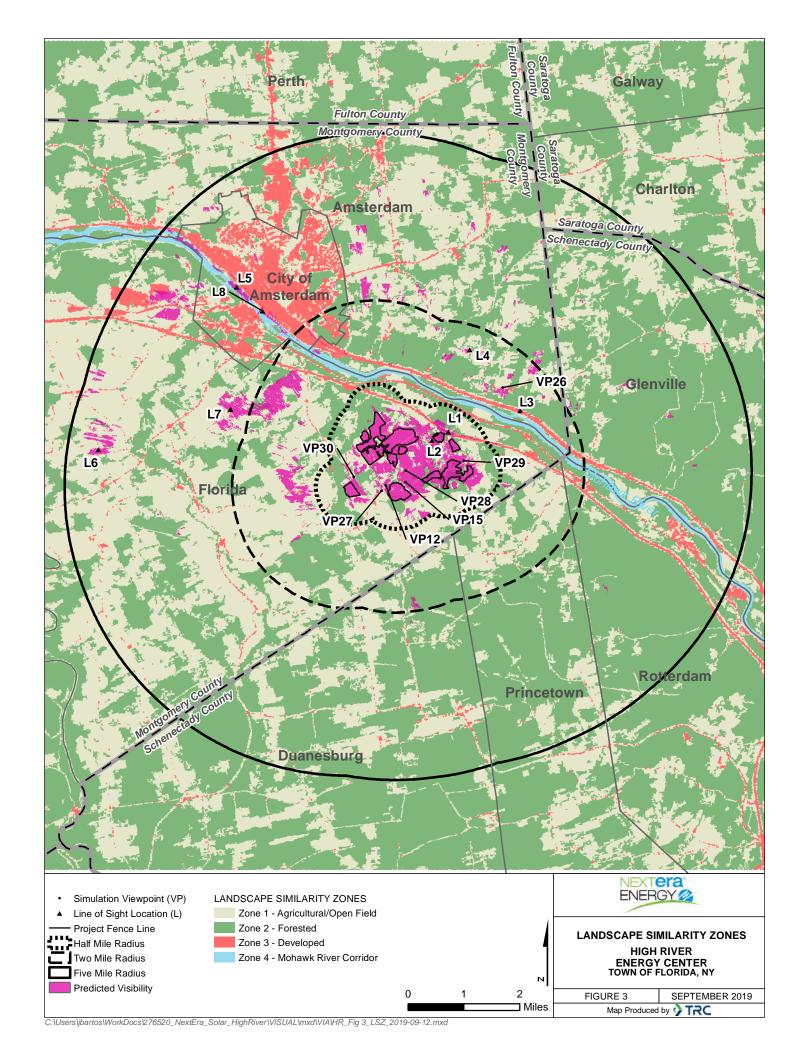
# HIGH RIVER ENERGY PROJECT ARTICLE 10 EXHIBIT 24

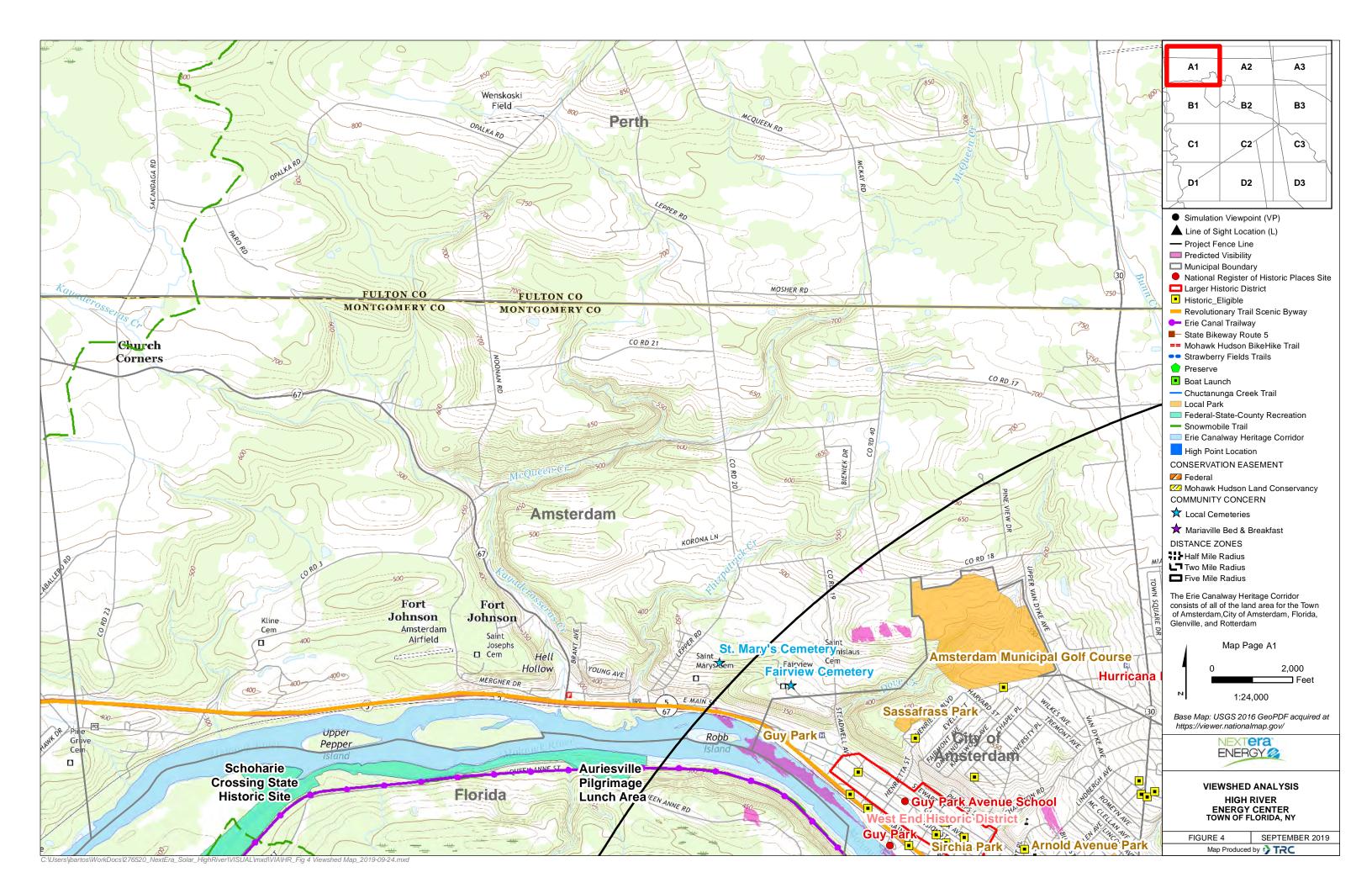
# **MAPS**

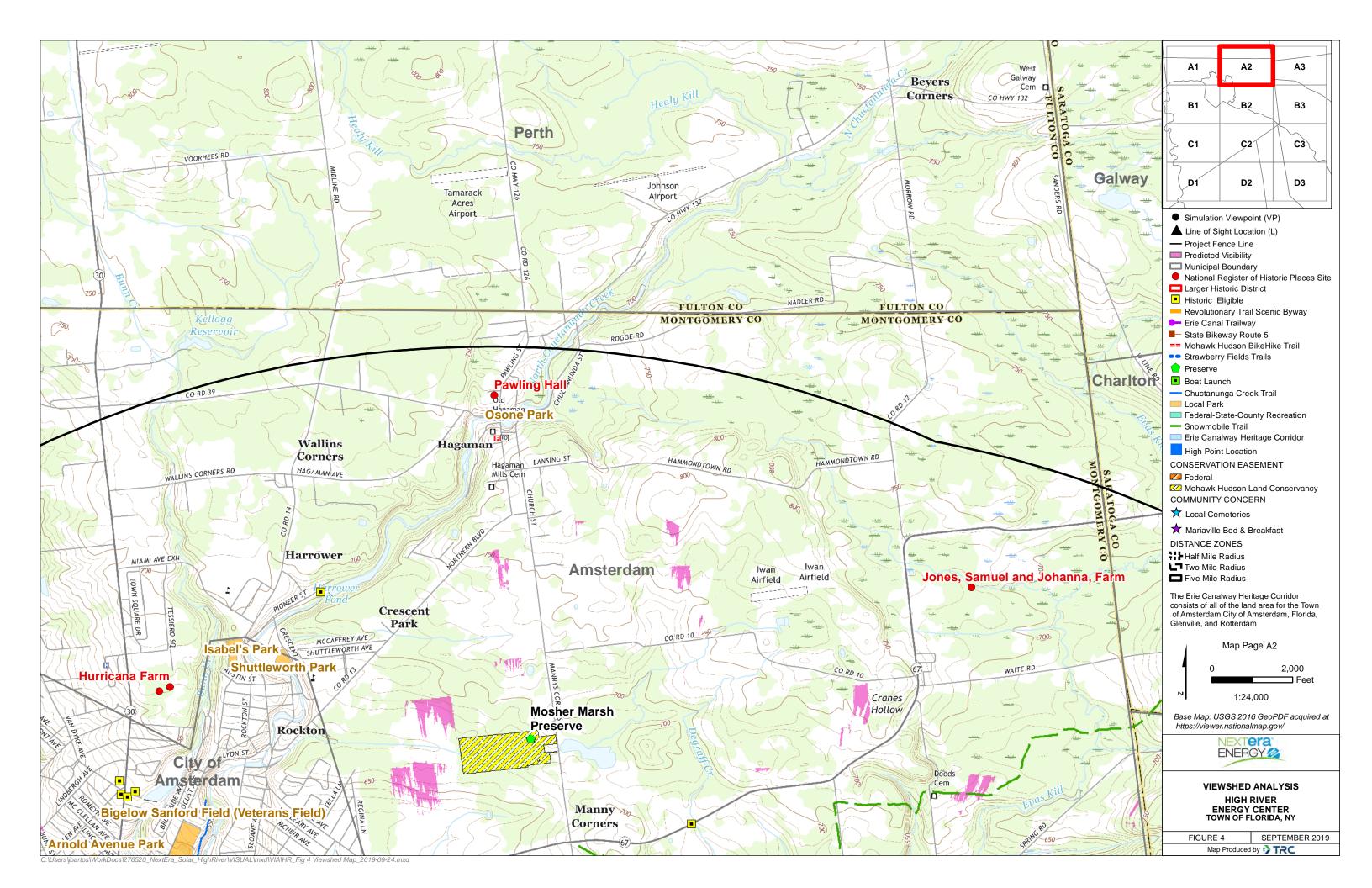
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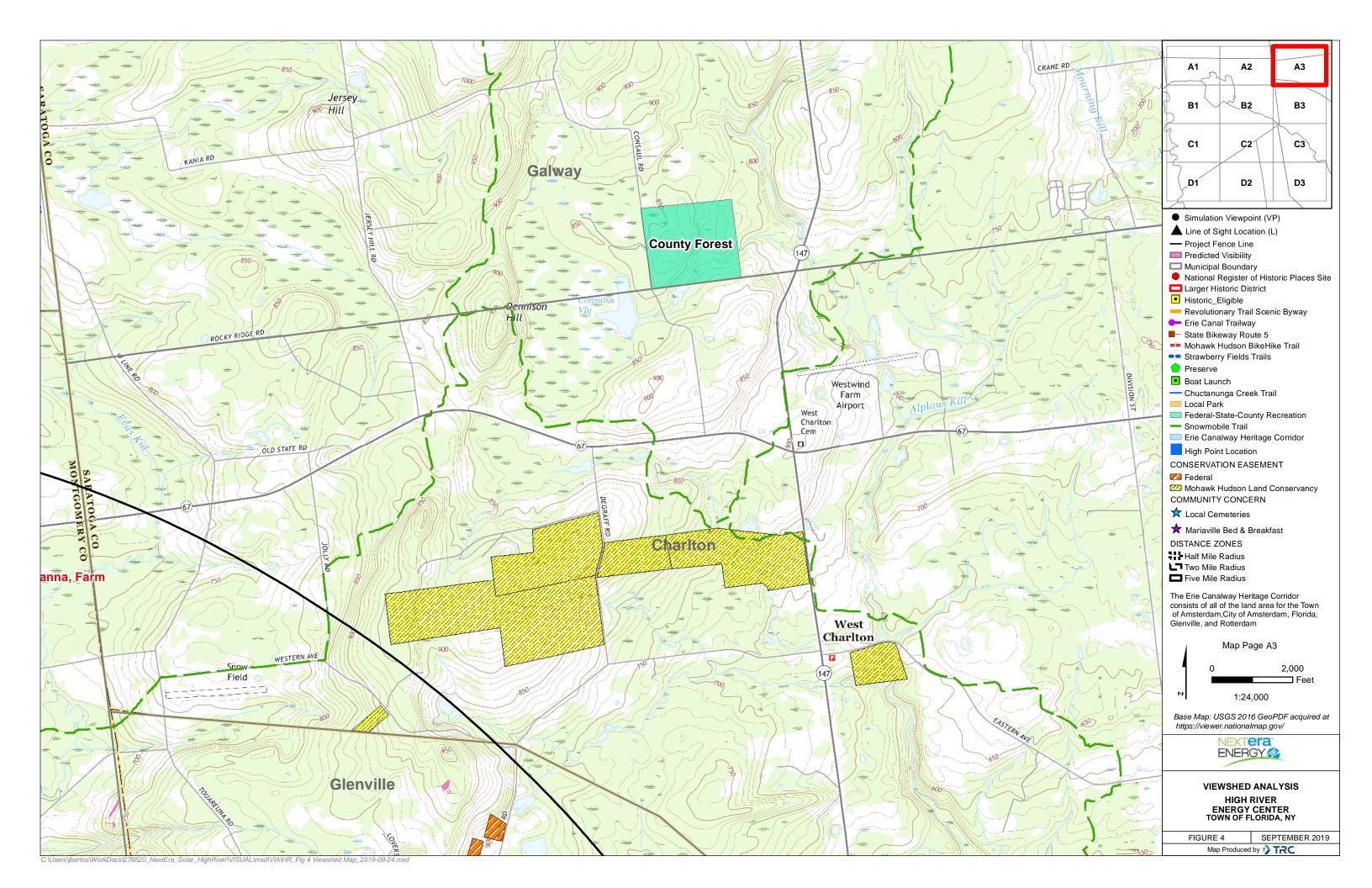


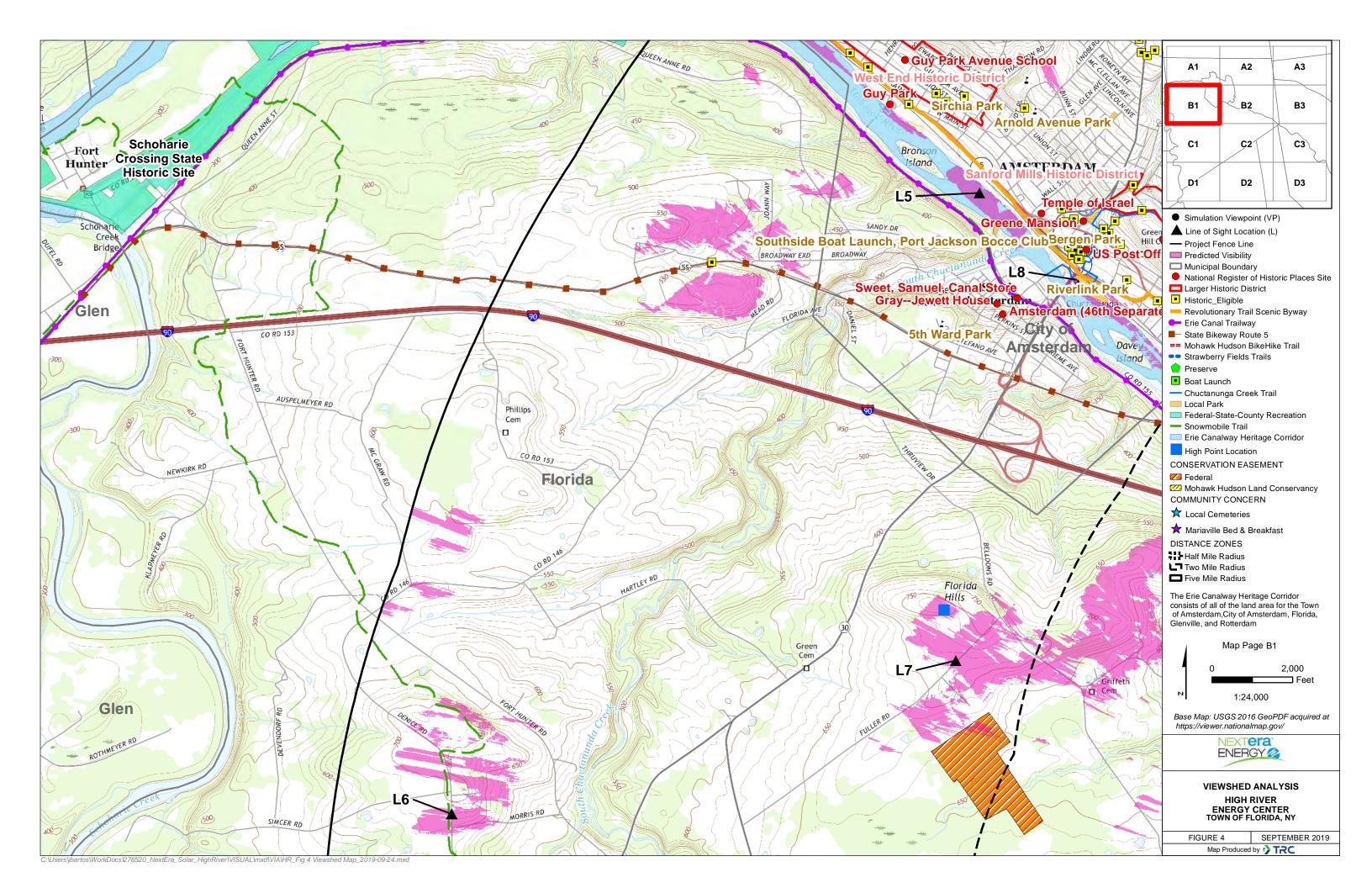


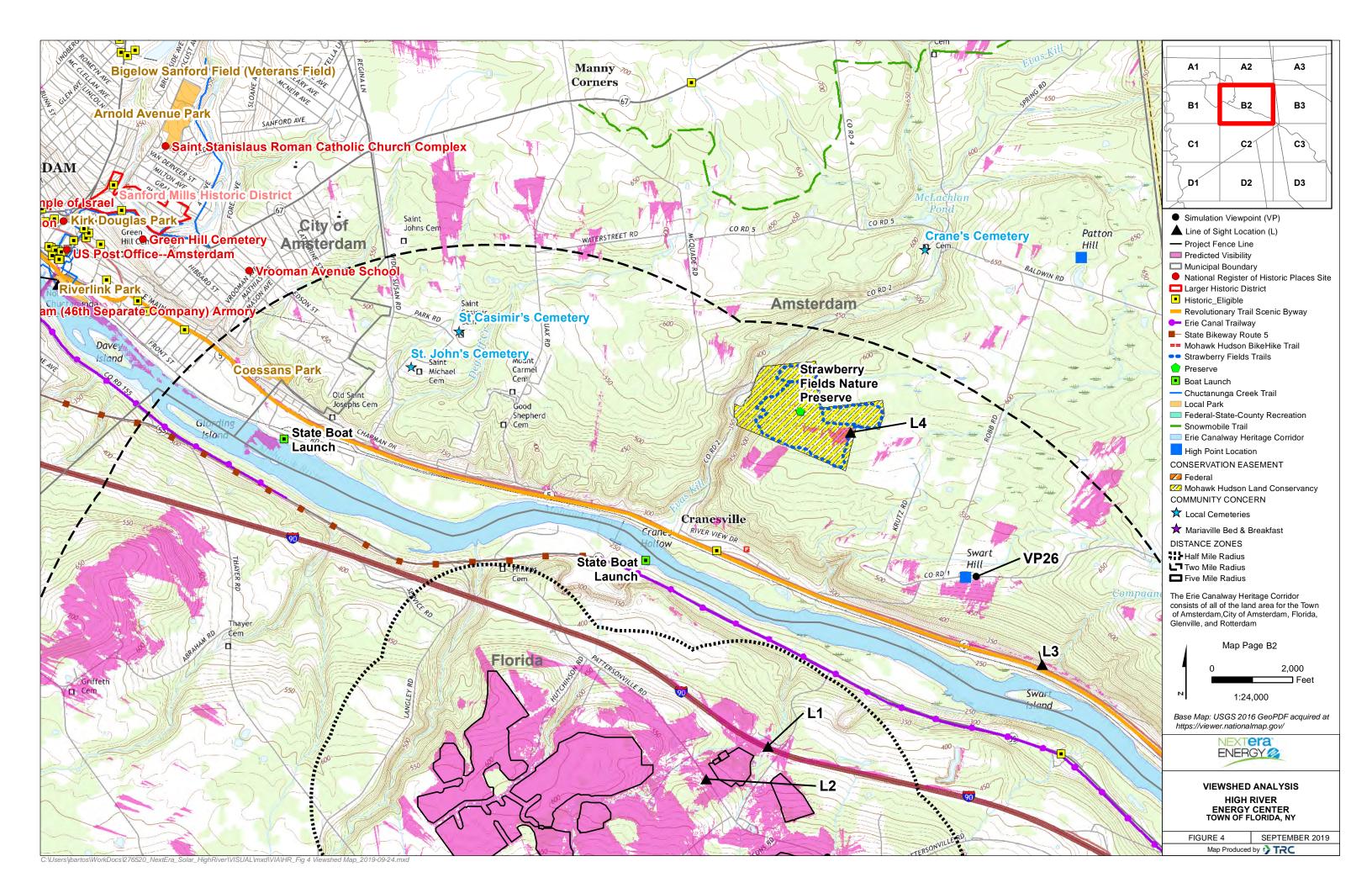


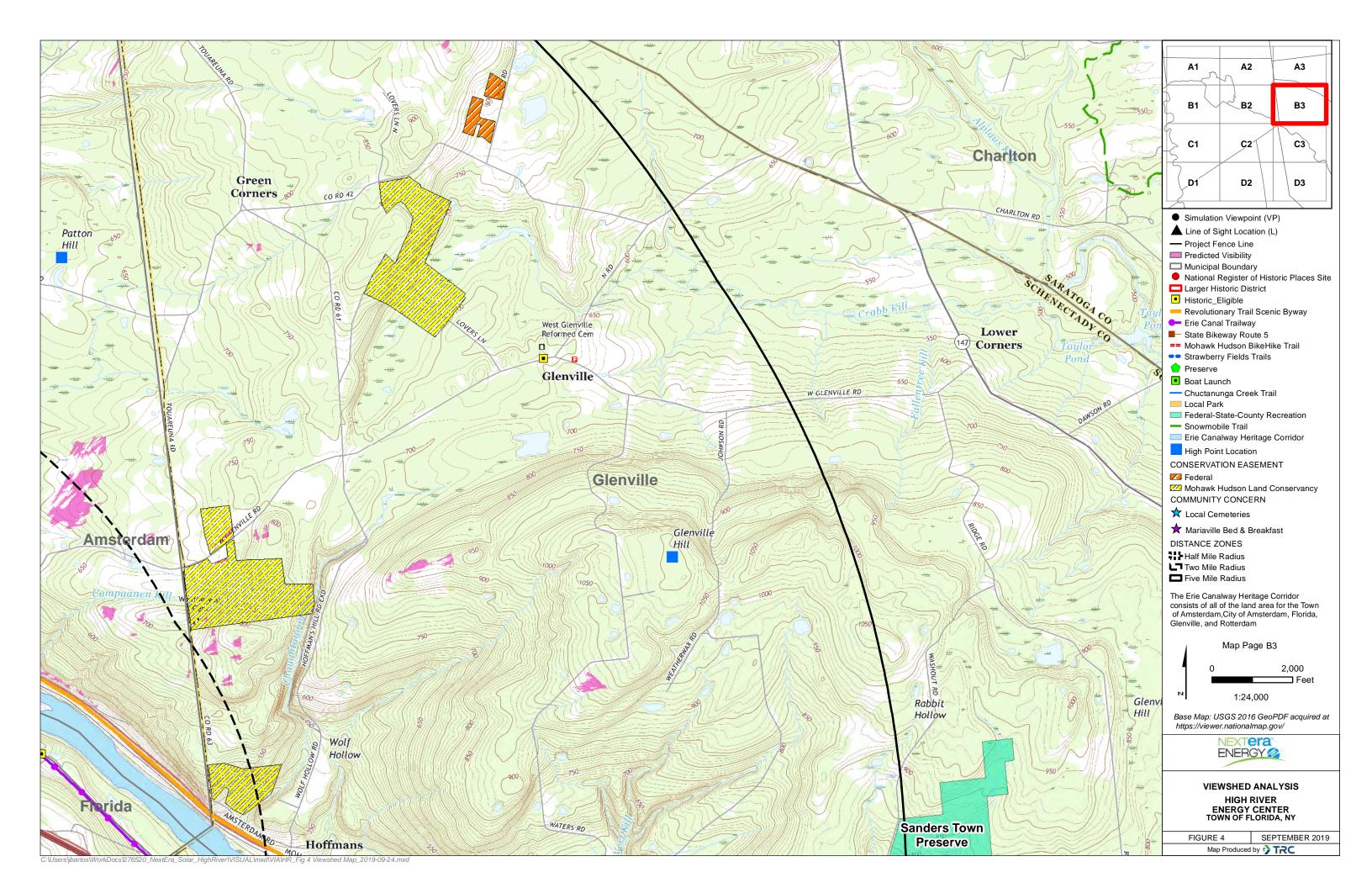


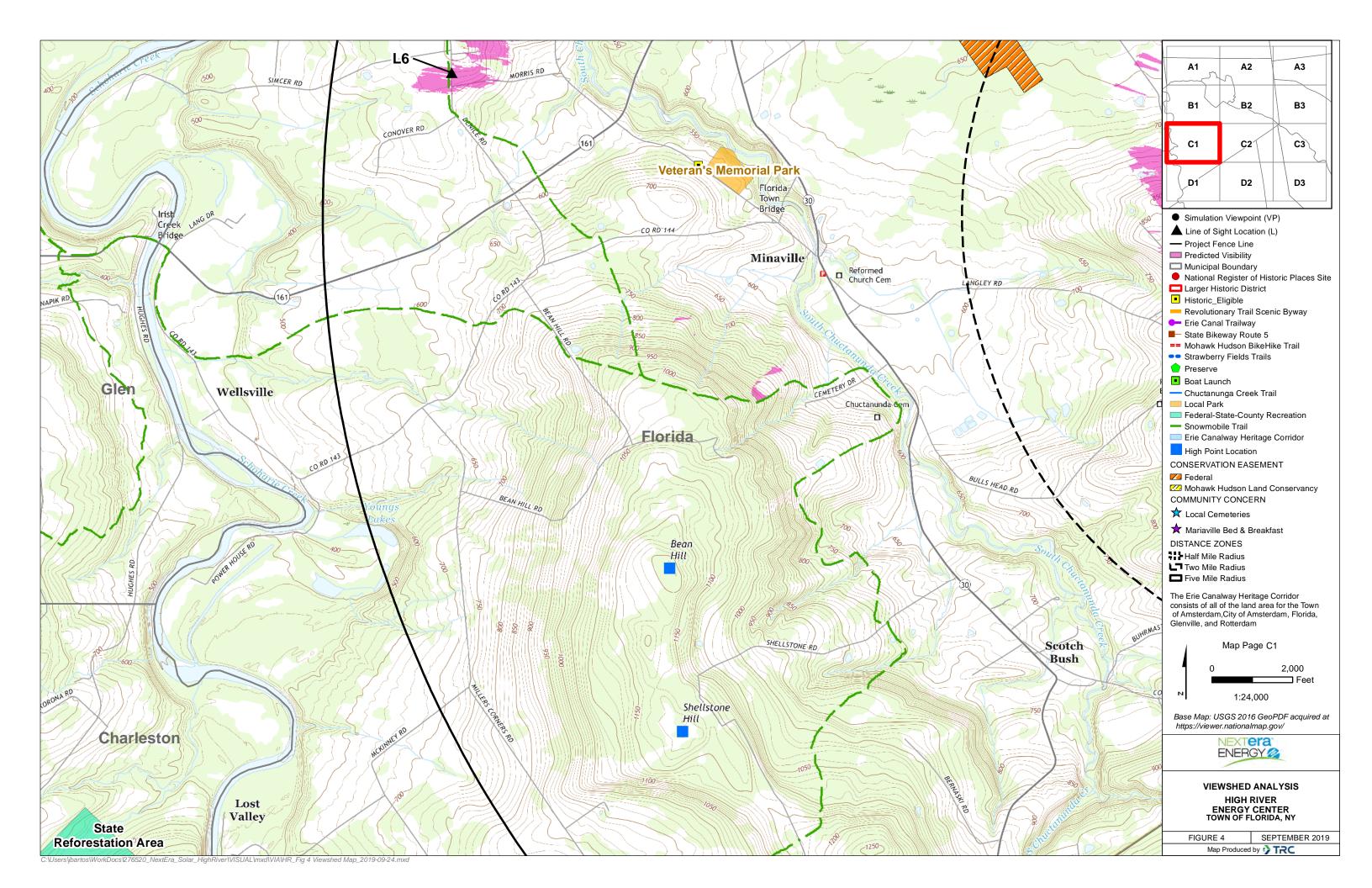


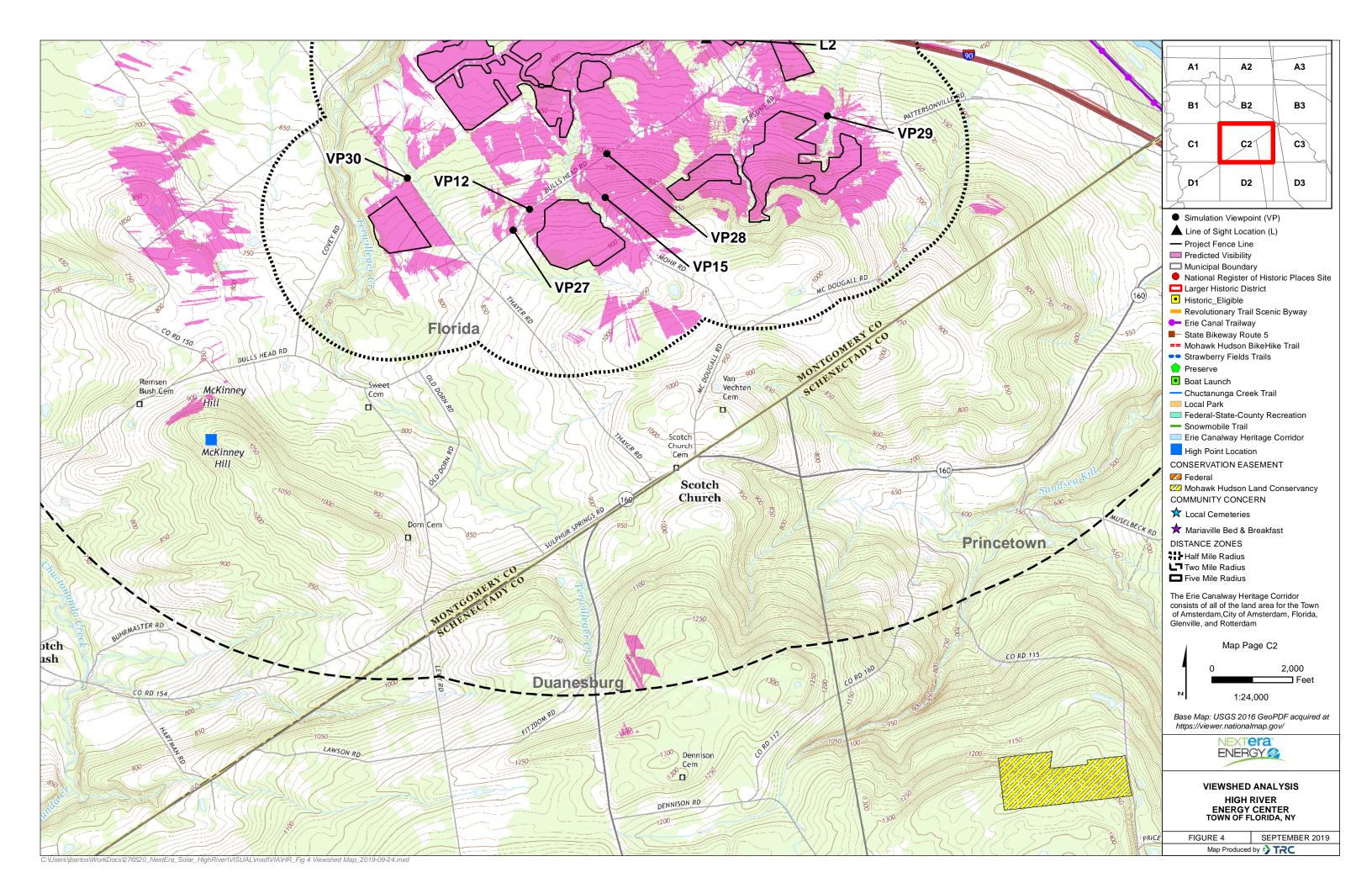


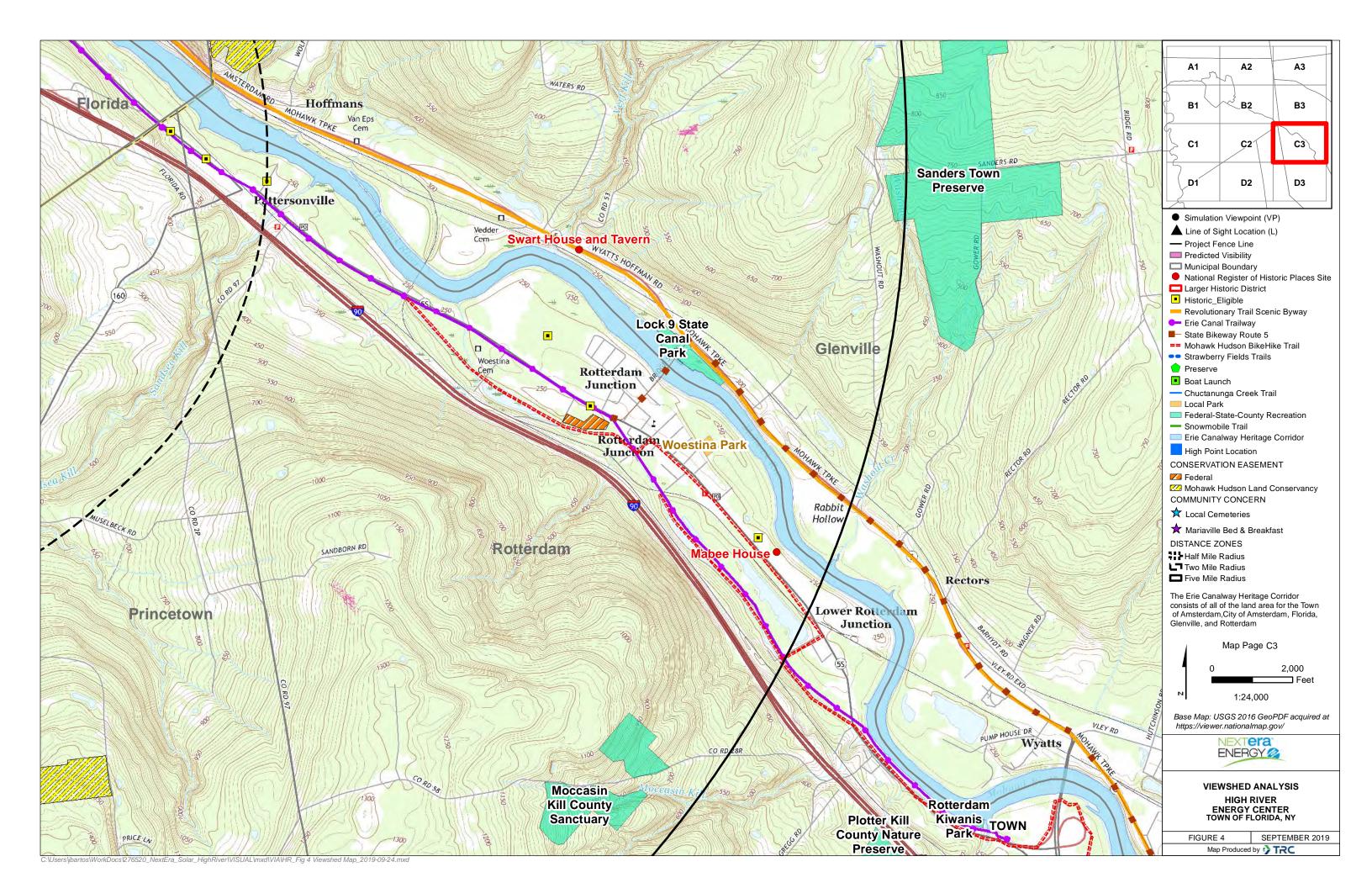


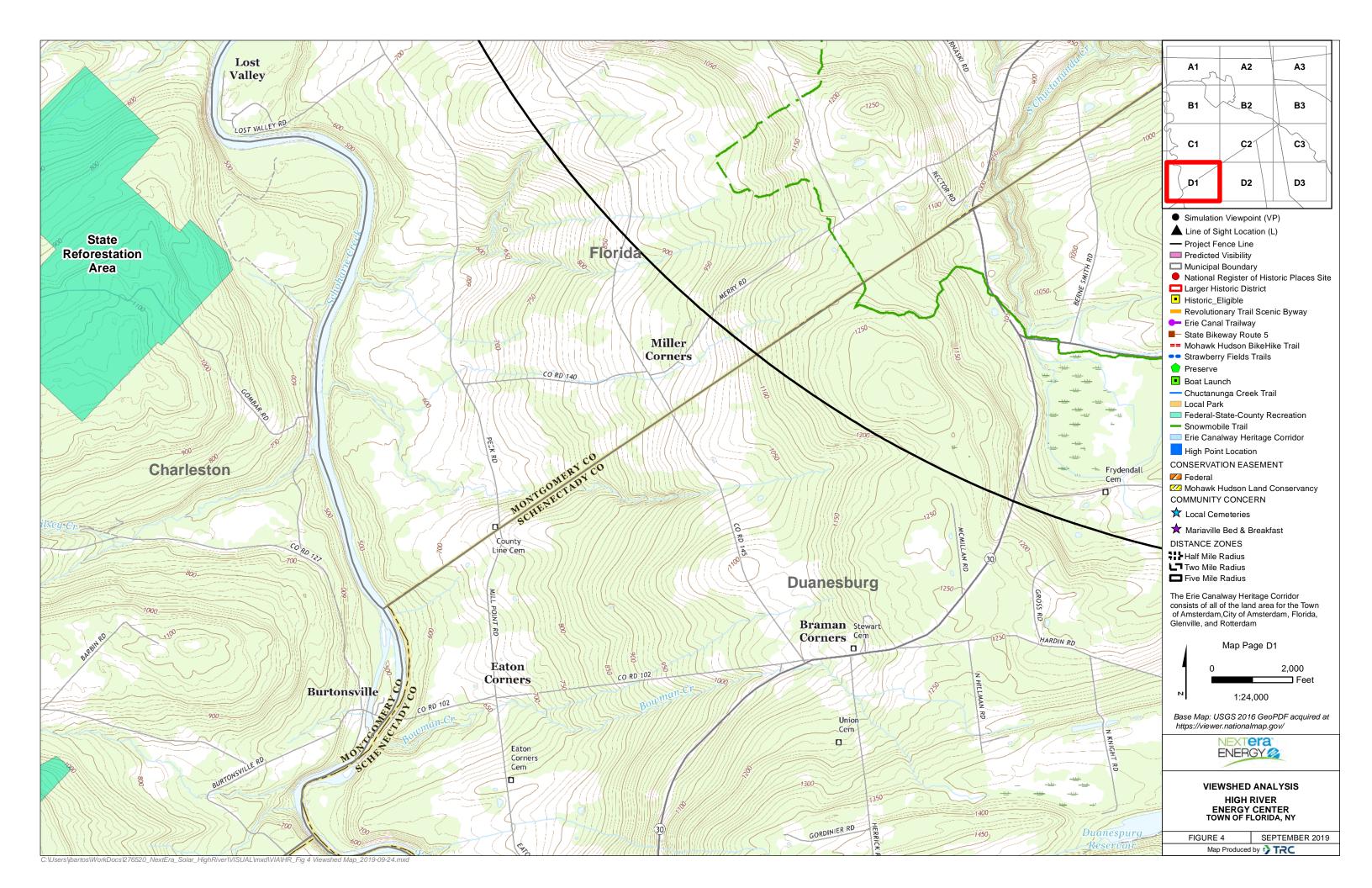


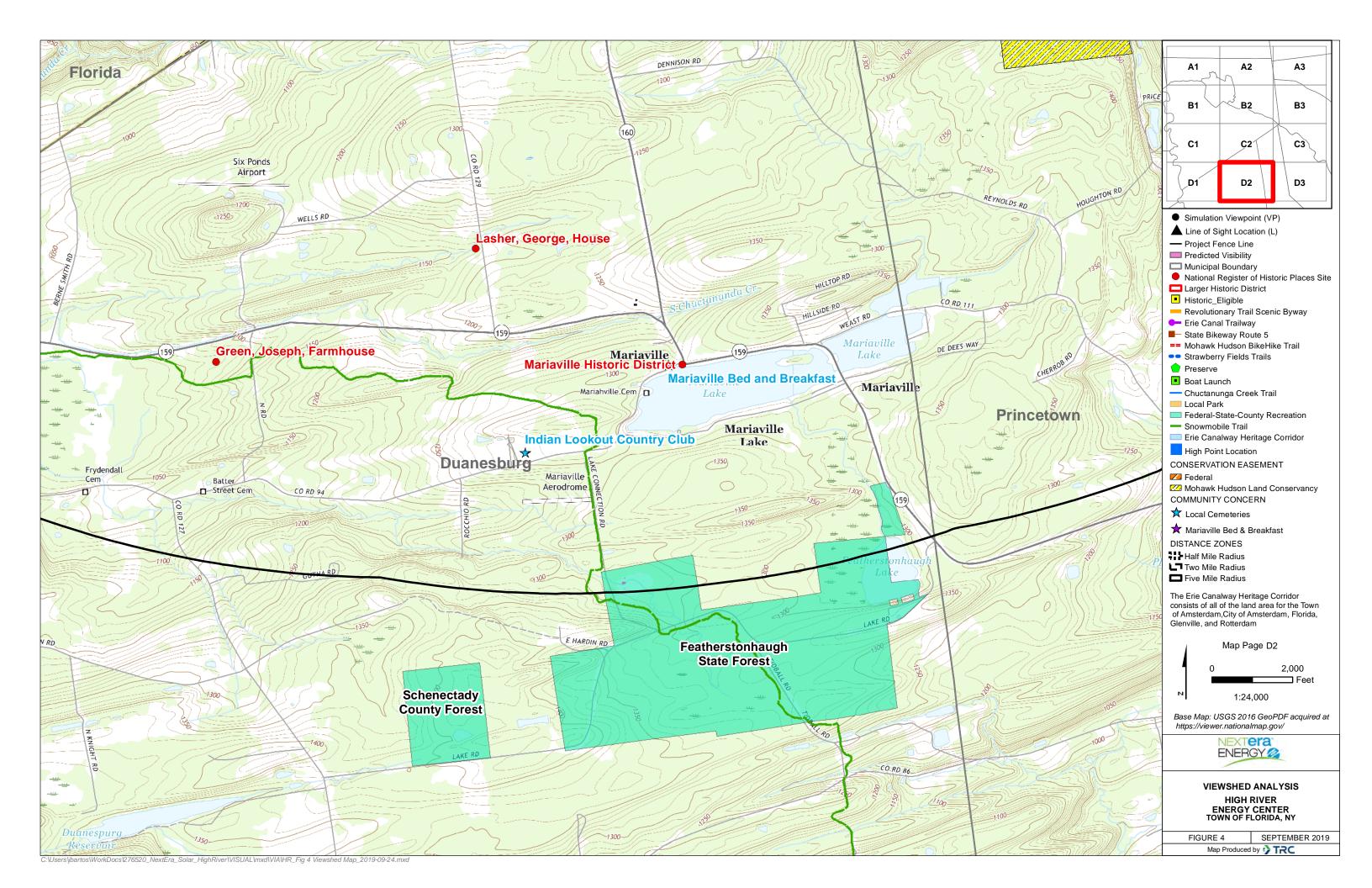


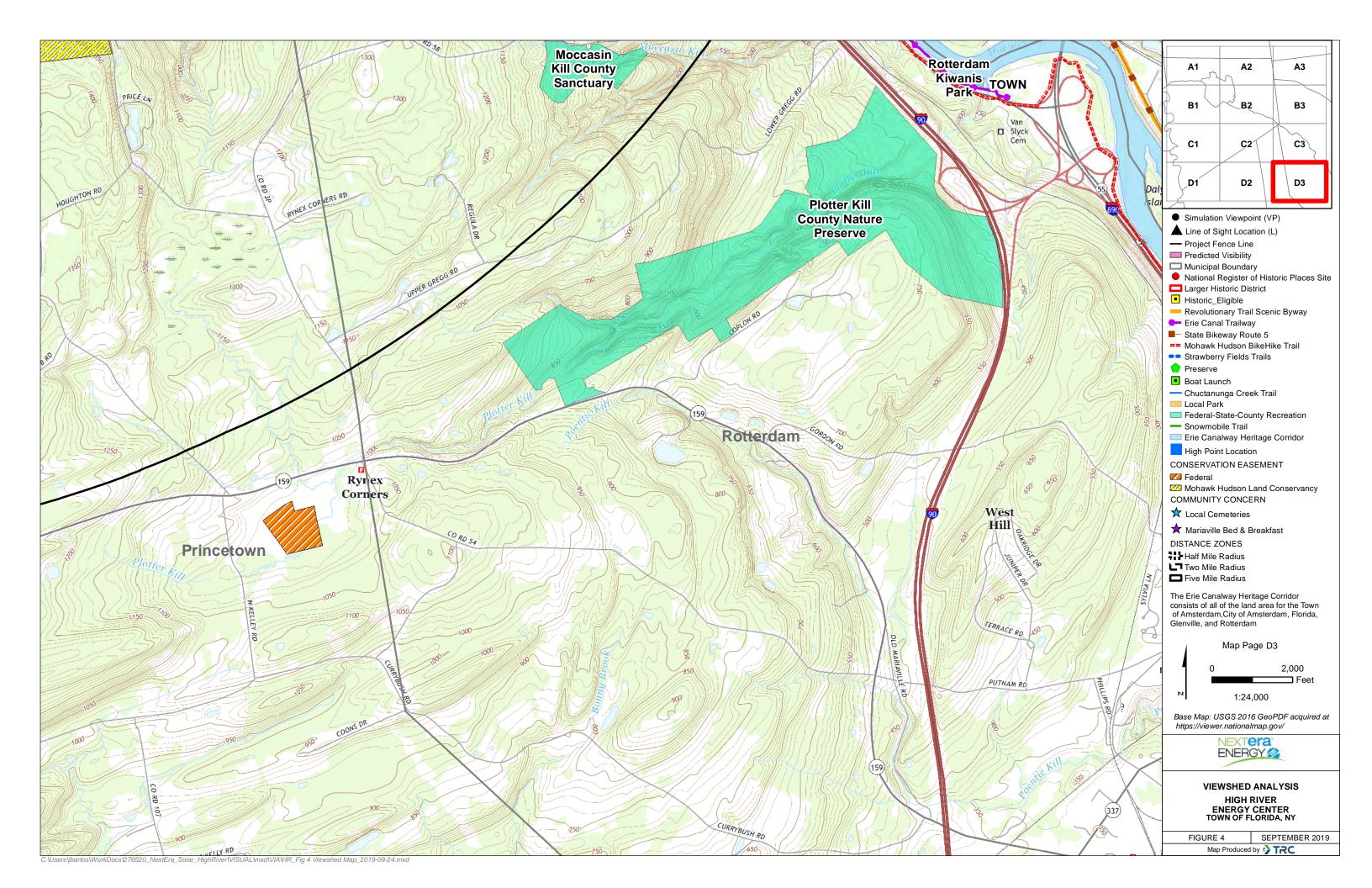








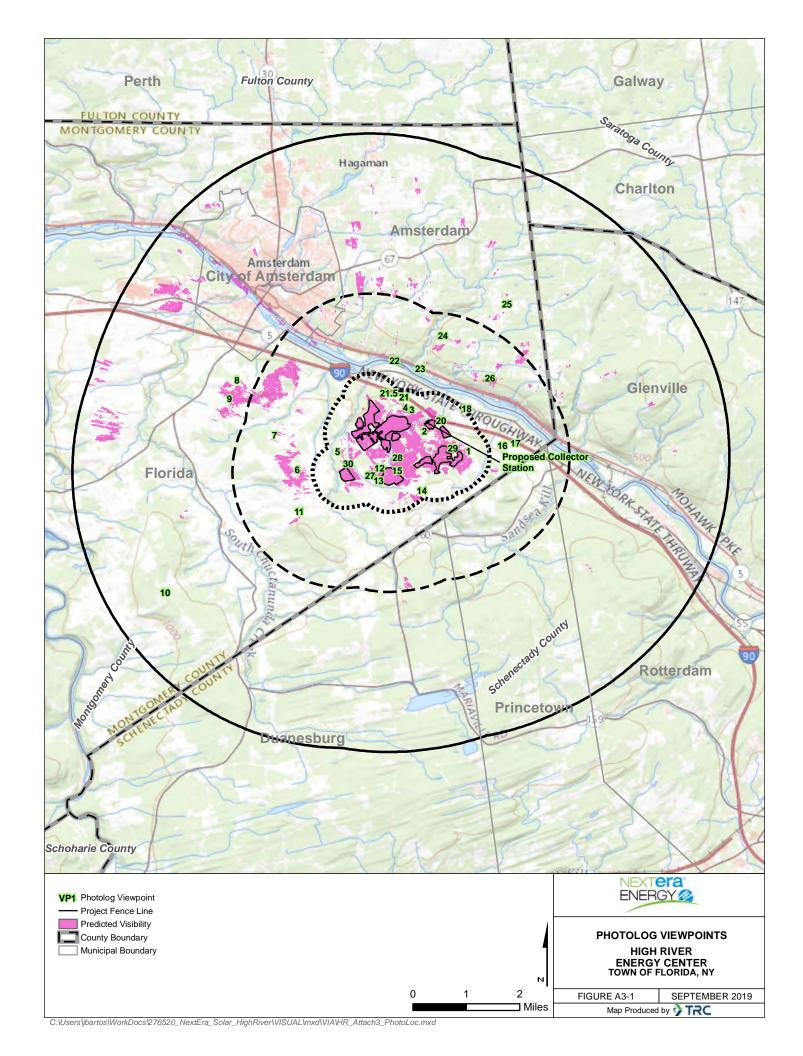




# HIGH RIVER ENERGY PROJECT ARTICLE 10 EXHIBIT 24

# **PHOTOLOG**

# **ATTACHMENT 3**





Viewpoint 1

4235, 4236, 4237

Location

Pattersonville Rd.

Town: Florida

Photo Date: 4-23-2018

Orientation: W



Viewpoint 2

4240, 4242,4243,4244

Location

Pattersonville Rd.

Town: Florida

Photo Date: 4-23-2018

Orientation: N to E



Viewpoint 3

4245, 4246,4247

Location

Pattersonville Rd.

Town: Florida

Photo Date: 4-23-2018

Orientation: S to W



Viewpoint 4

4248, 4249

**Location**Pattersonville Rd

Town: Florida

Photo Date: 4-23-2018
Orientation: NE to E



Viewpoint 5

4250, 4251, 4252,

Location

Thayer Rd

Town: Florida

Photo Date: 4-23-2018

Orientation: E



Viewpoint 7

4254, 4255

Location

Belldons Rd

Town: Florida

Photo Date: 4-23-2018

Orientation: E





Viewpoint 10

4258, 4259

Location
Shellstone Rd.

Town: Florida

Photo Date: 4-23-2018

Orientation: NE



Viewpoint 11

4260, 4261

Location
Bulls Head Rd

Town: Florida

Photo Date: 4-23-2018

Orientation: E



Viewpoint 12

4262, 4263, 4264

Location

Bulls Head Rd

Town: Florida

Photo Date: 4-23-2018

Orientation: E





Viewpoint 13

4265, 4266

Location

Bulls Head Rd.

Town: Florida

Photo Date: 4-23-2018

Orientation: NE



Viewpoint 15a

4271, 4272, 4274, 4275

Location Mohr Rd

Town: Florida

Photo Date: 4-24-2018

Orientation: E to NE



Viewpoint 15b

4276, 4277

Location

Mohr Rd

Town: Florida

Photo Date: 4-24-201

Orientation: N to NE





Viewpoint 15c

Location Mohr Rd 4278, 4279

Town: Florida

Photo Date: 4-24-201 Orientation: SW to W



Viewpoint 15d

4280, 4281, 4282

Location Mohr Rd

Town: Florida

Photo Date: 4-24-201

Orientation: S to W



Viewpoint 16

4285, 4286

Location

Pattersonville Rd

Town: Florida

Photo Date: 4-24-201

Orientation: W to NW





Viewpoint 21

4293, 4295, 4296, 4297

**Location**NY Thruway

Town: Florida

Photo Date: 4-24-201

Orientation: S to W



Viewpoint 21.5

4298, 4299, 4300, 4301

Location

NY Thruway

Town: Florida

Photo Date: 4-24-201

Orientation: SE to S



Viewpoint 22

4302, 4303, 4304

Location

State Highway 5

Town: Amsterdam

Photo Date: 4-24-201

Orientation: S





Viewpoint 23

4305, 4306, 4307

Location

Riverview Drive

Town: Amsterdam

Photo Date: 4-24-201

Orientation: SW



Viewpoint 24

4309, 4310, 4311

Strawberry Fields Nature Preserve.

Town: Amsterdam

Photo Date: 4-24-201

Orientation: S



Viewpoint 26

Swart Hill Rd 4313, 4315

Town: Amsterdam

Photo Date: 4-24-2018

Orientation: SW



Viewpoint 27

0430

**Location**Bulls Head Road

Town: Florida

Photo Date: 1-8-2019

Orientation: N



Viewpoint 28

0461

Location
Bulls Head Road

Town: Florida

Photo Date: 1-8-2019

Orientation: N



Viewpoint 29

0476

Location

Pattersonville Road

Town: Florida

Photo Date: 1-8-2019

Orientation: S





1441

Location Thayer Road

Town: Florida

Photo Date: 6-14-2019

Orientation: SE

# See Next Page

Viewpoint Location

Town:

Photo Date:

Orientation:

Viewpoint Location

Town:

Photo Date:

Orientation:





**Location** Langley Rd

Town: Florida

Photo Date: 4-23-2018

4253



### Viewpoint 8

Location Belldons Rd

Town: Florida

Photo Date: 4-23-2018

4256



**Location** Fuller Rd

Town: Florida

Photo Date: 4-23-2018

4257



### Viewpoint 14

Location Mohr Rd

Town: Florida

Photo Date: 4-24-2018

4268



Location

NY Thruway Pattersonville Service Area

Town: Florida

Photo Date:

4287



#### Viewpoint 20

Location

View towards Project from NY Thruway.

Town: Florida

Photo Date: 4-24-2018

4292



**Location** Robb Rd

Town: Amsterdam

County: Montgomery

Photo Date: 4-24-2018

IMG_4312

Viewpoint

Location

Town:

County:

Photo Date:

