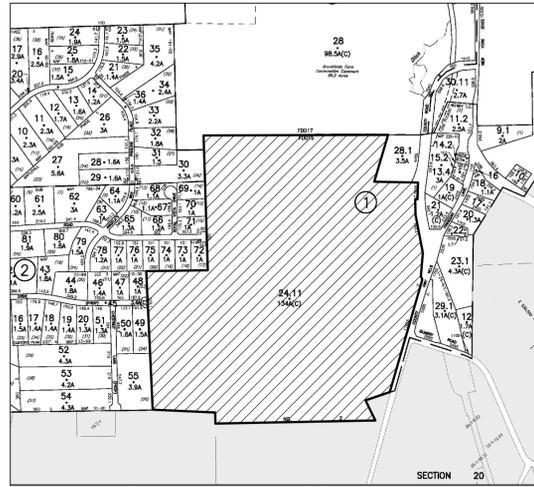


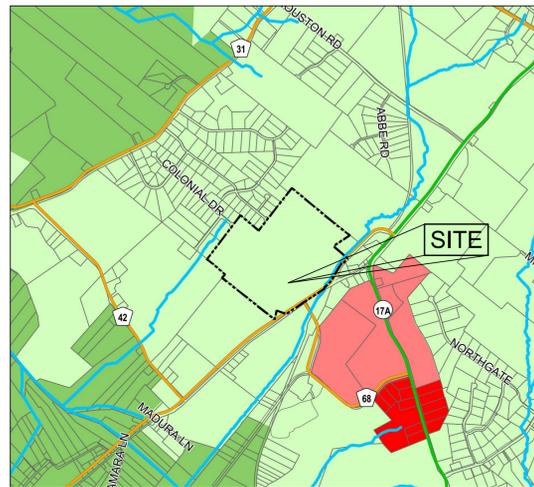
EXHIBIT A

GLENMERE LAKE SOLAR PROPOSED SOLAR FARM SITE PLAN SECTION 17 - BLOCK 1 - LOT 24.11 1199-1249 PULASKI HIGHWAY TOWN OF GOSHEN, ORANGE COUNTY NEW YORK



TAX MAP

SCALE: 1" = 800'



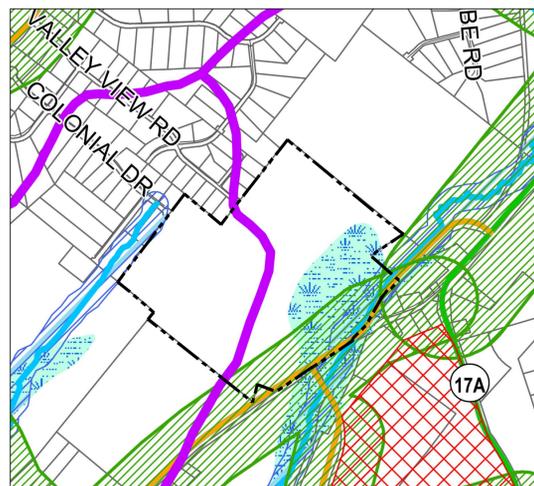
ZONING MAP

SCALE: 1" = 2,000'



VICINITY MAP

SCALE: 1" = 1,000'



ZONING OVERLAY MAP

SCALE: 1" = 1,000'



GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE REQUIREMENTS OUTLINED IN THE CONTRACT DOCUMENTS, THE WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES INCLUDING, BUT NOT LIMITED TO, BC CODE, STATE UNIFORM CONSTRUCTION CODE, MUNICIPAL CODES AND ORDINANCES, AND FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. CODE REQUIREMENTS SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS, WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND FAMILIARIZING HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO BIDDING.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND SHALL OBSERVE ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND THE OWNER. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENT SHALL APPLY. CARE SHALL BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR STRUCTURES. THESE REQUIREMENTS WILL APPLY CONTINUOUSLY 24 HOURS PER DAY UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER.
4. FURNISH ALL EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE, ORDERLY, AND FIRST CLASS PROFESSIONAL MANNER BY EXPERIENCED WORKMEN SKILLED IN THEIR TRADE.
5. ALL DIMENSIONS ARE MEASURED TO THE ROUGH UNLESS OTHERWISE NOTED. ELEVATIONS AND DIMENSIONS SHOWN ARE FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, CONDITIONS, AND ELEVATIONS IN THE FIELD PRIOR TO THE USE OF SUCH INFORMATION IN BIDDING OR CONSTRUCTION. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. DRAWINGS ARE NOT TO SCALE, NOTIFY THE ENGINEER IMMEDIATELY OF ANY DIMENSIONAL DISCREPANCIES.
6. THE CONTRACTOR SHALL REPAIR IN KIND, ANY AND ALL DAMAGE CAUSED DURING OR RESULTING FROM HIS OPERATION. SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK BUT THE COST WILL BE INCLUDED IN THE VARIOUS PAY ITEMS IN THE PROPOSAL.
7. ALL WORK SHALL BE SCHEDULED IN COMPLIANCE WITH THE OWNER'S REQUIREMENTS FOR THE USE OF THE EXISTING FACILITY.
8. THE SITE SHALL BE KEPT CLEAN AT ALL TIMES. UPON COMPLETION OF WORK, ALL EXCESS MATERIAL, DEBRIS, ETC. SHALL BE REMOVED AND THE WORK AREA SHALL BE LEFT CLEAN TO THE OWNER'S SATISFACTION.
9. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ANY AND ALL PERMITS ASSOCIATED WITH THIS WORK. THE CONTRACTOR SHALL COORDINATE AND ASSIST THE ENGINEER AND AUTHORIZING AGENCIES IN PERFORMING INSPECTIONS AS REQUIRED.
10. BITUMINOUS CONCRETE (WHERE APPLICABLE) SHALL MEET STATE OF NEW YORK DOT STANDARD SPECIFICATIONS, LATEST EDITION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION AND TEMPORARY SUPPORT OF ANY UTILITIES ENCOUNTERED.
12. THE UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE TAKEN FROM THE BEST AVAILABLE INFORMATION. ACTUAL LOCATIONS OF ALL ABOVEGROUND AND UNDERGROUND UTILITIES (PUBLIC AND/OR PRIVATE) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. WITH THE COOPERATION OF THE PUBLIC UTILITIES, SHALL LOCATED AND MARK OUT ANY UTILITY SERVICES OR MAINS WITHIN TWENTY (20') FEET OF THE PROPOSED CONSTRUCTION.
13. THE ENGINEER'S OBSERVATION OF THE CONTRACTOR'S PERFORMANCE OF THE WORK IS TO BE SOLELY IN BEHALF OF THE OWNER AND NOT IN BEHALF OF THE CONTRACTOR. THE ENGINEER'S OBSERVATIONS ARE NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
14. THE ENGINEER WILL BE, IN THE FIRST INSTANCE, THE INTERPRETER OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE ENGINEER WILL ALSO HAVE THE AUTHORITY TO REJECT WORK WHICH DOES NOT CONFORM TO THE CONTRACT DOCUMENTS.
15. THE ENGINEER WILL MAKE PERIODIC VISITS TO THE SITE TO FAMILIARIZE HIMSELF GENERALLY WITH THE PROGRESS AND QUALITY OF THE WORK AND TO DETERMINE, IN GENERAL, IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ON THE BASIS OF HIS ON-SITE OBSERVATIONS AS AN ENGINEER, HE WILL KEEP THE OWNER INFORMED OF THE PROGRESS OF THE WORK AND WILL ENDEAVOR TO GUARD THE OWNER AGAINST DEFECTS AND DEFICIENCIES IN THE WORK OF THE CONTRACTOR. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY PRECAUTIONS, NOR FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
16. BACKFILL SHALL BE COMPACTED TO 95% DENSITY (MODIFIED PROCTOR, PER ASTM D 1557).
17. BEFORE WORK IS STARTED, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A LIST OF MATERIALS, WITH TRADE NAMES, PROPOSED TO BE FURNISHED AND SHOP DRAWINGS AS REQUESTED BY THE ENGINEER. SUBMITTALS SHALL BE REPRESENTATIVE OF THE MATERIALS TO BE USED BY THE CONTRACTOR IN COMPLETING HIS WORK.
18. AS-BUILT DRAWINGS (4 COPIES) SHALL BE FURNISHED BY THE CONTRACTOR UPON COMPLETION OF THE INSTALLATION OF WORK TO THE ENGINEER FOR APPROVAL. THESE DRAWINGS SHALL SHOW THE EXACT LOCATIONS AND INVERTS OF ALL ITEMS INSTALLED AND/OR ALTERED BY THE CONTRACTOR.
19. CONTRACTOR SHALL PROVIDE GUARANTEES FOR ALL LABOR AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF COMPLETION AND FINAL ACCEPTANCE OF HIS WORK BY THE OWNER, WHICH SHALL INCLUDE AN AGREEMENT TO REPAIR AND MAKE GOOD AT HIS OWN EXPENSE ANY AND ALL DEFECTS WHICH MAY APPEAR IN HIS WORK OR MATERIALS.
20. CONTRACTOR SHALL PROVIDE ALL EXCAVATION AND BACKFILL FOR THE DEMOLITION AND CONSTRUCTION AS SHOWN ON THE DRAWINGS. INCLUDED IN THIS ITEM WILL BE THE EXCAVATION AND REMOVAL OF ALL MATERIALS, INCLUDING STRUCTURES ABOVE AND BELOW THE GROUND, EARTH, ROCK, TOPSOIL, BITUMINOUS PAVEMENT, CONCRETE, BOGGY WASTE, RUBBISH, ASHES, ORDERS, OR ORGANIC MATERIAL SUCH AS PEATY OR HUMUS MATERIAL.
21. BACKFILL SHALL CONSIST OF A SUITABLE SELECTED AND APPROVED EARTH GENERALLY FROM STORAGE OF APPROVED EXCAVATED SOIL, FREE FROM REJECTED ORGANIC MATTER, BOGGY, PEATY HUMUS OR OTHER UNSUITABLE MATERIAL SUCH AS SILT, RUBBISH, WASTE, ASHES, OR ORDERS. BACKFILL SHALL BE FREE OF LARGE BOULDERS MORE THAN SIX (6) INCHES IN THE LARGEST DIMENSION. NO FROZEN MATERIAL SHALL BE USED. IF SUFFICIENT SUITABLE MATERIAL FOR BACKFILL IS NOT AVAILABLE FROM THE EXCAVATED MATERIAL, AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL PROCURE ELSEWHERE A SUFFICIENT QUANTITY OF SUITABLE SELECT FILL MATERIAL AND SHALL FURNISH AS NEEDED AS PART OF THE BASE CONTRACT. BACKFILL SHALL BE PLACED AND COMPACTED WITH A VIBRATORY PLATE TAMPER IN MAXIMUM EIGHT (8) INCH LIFTS.
22. THE SITE IS IN THE RURAL (RU) ZONE.
23. NO BLASTING IS PROPOSED AS PART OF THIS APPLICATION.
24. THE LOCATION OF PROPOSED FENCING, SOLAR ARRAY, EQUIPMENT PADS, AND OTHER PROPOSED PROJECT INFRASTRUCTURE MAY CHANGE SLIGHTLY BASED ON FINAL CONSTRUCTION DESIGN TO BE SUBMITTED FOR BUILDING PERMITS. IN NO EVENT SHALL PROPOSED PROJECT INFRASTRUCTURE BE LOCATED OUTSIDE THE "PROJECT LIMITS BOUNDARY" SHOWN ON THE SITE PLAN.
25. FOR PROJECT INTERCONNECTION THE UTILITY MAY REQUIRE ONE OR MORE UTILITY POLES AND/OR PADS TO MOUNT UTILITY-OWNER EQUIPMENT. THE FINAL SPECIFICATIONS AND LOCATIONS OF THIS EQUIPMENT WILL BE DETERMINED BY THE UTILITY IN THEIR SOLE DISCRETION.

INDEX OF DRAWINGS

T01	TITLE SHEET
SP-11	EXISTING CONDITIONS SITE PLAN
SP-21	PROPOSED SITE PLAN
SP-22	PROPOSED ACCESS ROAD
SC-01	SOIL EROSION & SEDIMENT CONTROL PLAN
CD-01	DETAIL SHEET
SP-31	VISUAL IMPACT 1 OF 2
SP-32	VISUAL IMPACT 2 OF 2

RU ZONING REQUIREMENTS

ZONE DISTRICT RU (RURAL) SOLAR ENERGY	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA (ACRES)	10	192.2	NO CHANGE
MINIMUM ROAD FRONTAGE (FEET)	100	2040	NO CHANGE
MINIMUM FRONT YARD (FEET)	100	175.6	NO CHANGE
MINIMUM SIDE YARD (FEET)	100	322.1	NO CHANGE
MINIMUM REAR YARD (FEET)	100	2087.9	NO CHANGE
MAXIMUM AREA USED FOR ENERGY SYSTEMS (%)	50	-	19.9
MAXIMUM SOLAR PANEL HEIGHT (FEET)	12	-	+/-8
MINIMUM SOLAR ENERGY SETBACK	100	N/A	122

TOWN OF GOSHEN BOARD APPROVAL

NAME, Township Chairman	Date
NAME, Secretary	Date
NAME, Township Engineer	Date

APPLICANT & PROPERTY INFORMATION

OWNER/APPLICANT: APPLICANT: GLENMERE LAKE SOLAR LLC OWNER: DYKSHOORN DIRT, LLC ADDRESS: 1199-1249 PULASKI HIGHWAY GOSHEN, NY	PROPERTY LOCATION: SECTION 17 - BLOCK 1 - LOT 24.11 TOWN OF GOSHEN, ORANGE COUNTY NEW YORK AREA OF PROPERTY=5,627,952 ±SQ.FT. OR 129.2 ±ACRES
--	---

Date: 08/23/18
Checked: EB
Drawn: JK

ERIK E. BOE, P.E.
PROFESSIONAL ENGINEER
No. 089208

Revisions:

1	9/14/18	TOWN SUBMISSION
2	10/18/18	TOWN SUBMISSION

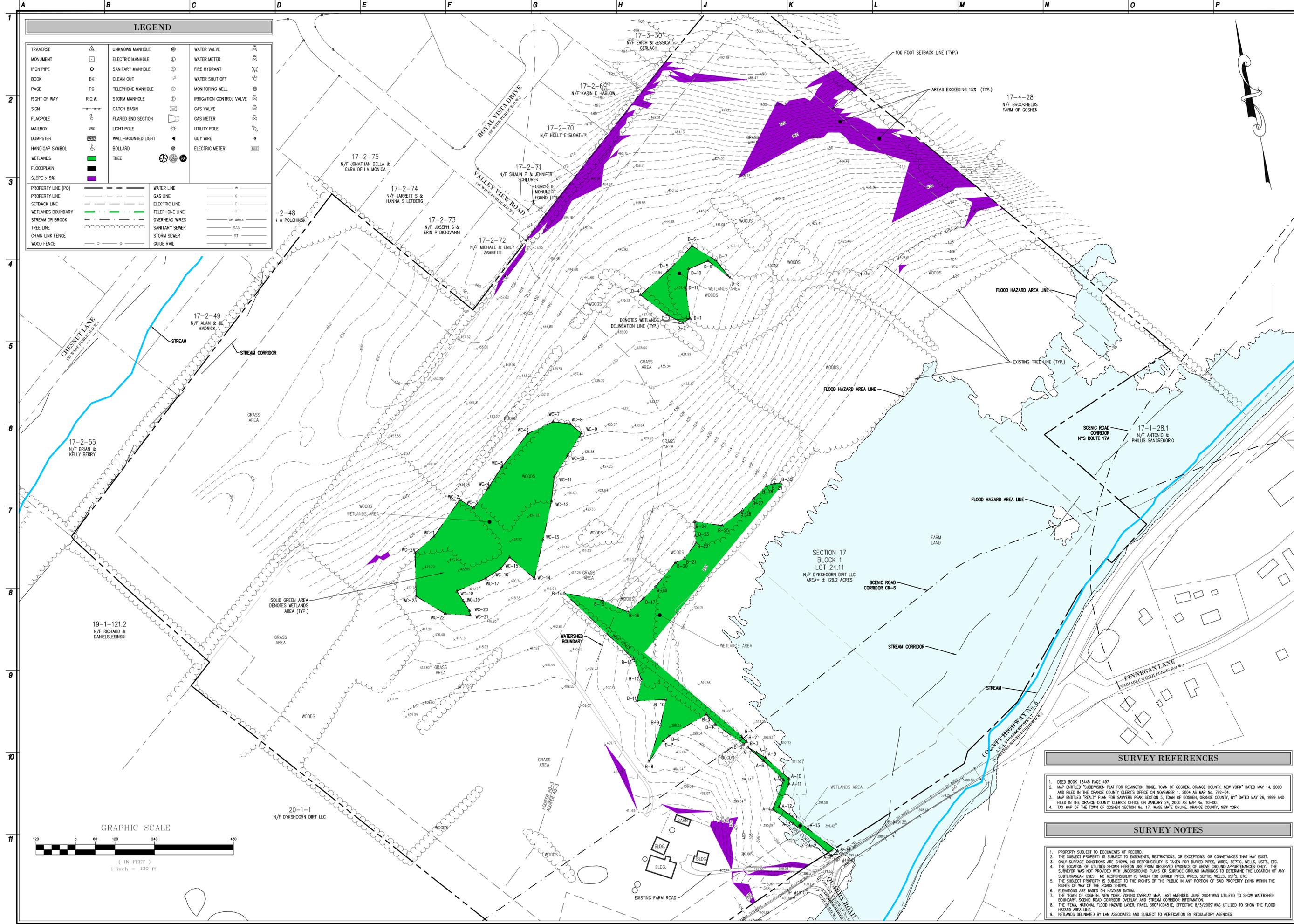
LAN ASSOCIATES

engineering • planning • architecture • surveying
252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)611-0350

T.01

TITTLE SHEET
SECTION 17 - BLOCK 1 - LOT 24.11
1199-1249 PULASKI HIGHWAY
TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Job No. 4.1408.01
File No. 140801c1



LEGEND			
TRaverse	△	UNKNOWN MANHOLE	⊙
MONUMENT	□	ELECTRIC MANHOLE	⊕
IRON PIPE	○	SANITARY MANHOLE	⊖
BOOK	BK	CLEAN OUT	⊗
PAGE	PG	TELEPHONE MANHOLE	⊙
RIGHT OF WAY	R.O.W.	STORM MANHOLE	⊕
SIGN	⊙	FLARED END SECTION	⊕
FLAGPOLE	⊙	CATCH BASIN	⊕
MAILBOX	⊙	LIGHT POLE	⊕
DUMPSTER	⊙	WALL-MOUNTED LIGHT	⊕
HANDICAP SYMBOL	⊙	BOLLARD	⊕
WETLANDS	■	TREE	⊕
FLOODPLAIN	■		
SLOPE >15%	■		
PROPERTY LINE (PD)	---	WATER LINE	W
PROPERTY LINE	---	GAS LINE	G
SETBACK LINE	---	ELECTRIC LINE	E
WETLANDS BOUNDARY	---	TELEPHONE LINE	T
STREAM OR BROOK	---	OVERHEAD WIRES	OH WIRES
TREE LINE	---	SANITARY SEWER	SAN
CHAIN LINK FENCE	---	STORM SEWER	ST
WOOD FENCE	---	GUIDE RAIL	---

Date: 08/23/18
Checked: EB
Drawn: JK

ERIK E. BOE, P.E.
PROFESSIONAL ENGINEER
License No. 089208

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2. 10/18/18 REVISED TOWN SUBMISSION

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EXISTING CONDITIONS SITE PLAN
SECTION 17 - BLOCK 1 - LOT 24.11
1199 - 1249 PULASKI HIGHWAY
TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

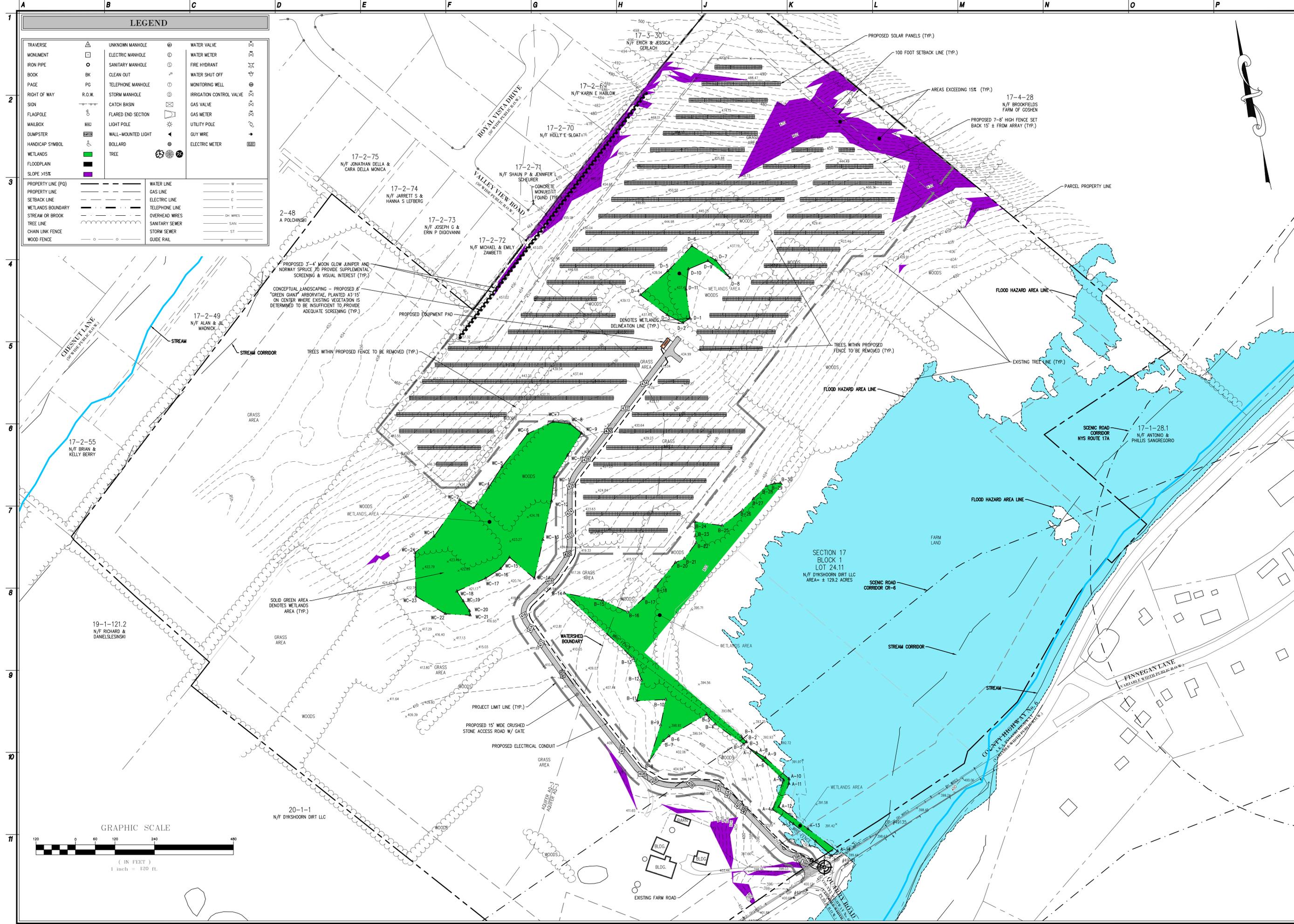
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File No. 140801c1

SP.11

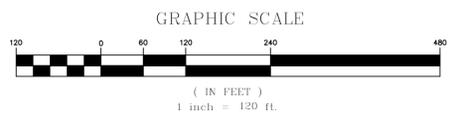
SHEET 2 OF 8

- SURVEY REFERENCES**
- DEED BOOK 13445 PAGE 497
 - MAP ENTITLED "SUBDIVISION PLAT FOR REMINGTON RIDGE, TOWN OF GOSHEN, ORANGE COUNTY, NEW YORK" DATED MAY 14, 2000 AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON NOVEMBER 1, 2004 AS MAP NO. 792-04.
 - MAP ENTITLED "REALTY PLAN FOR SAWMILLS PEAK SECTION 5, TOWN OF GOSHEN, ORANGE COUNTY, NY" DATED MAY 26, 1999 AND FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON JANUARY 24, 2000 AS MAP NO. 10-00.
 - TAX MAP OF THE TOWN OF GOSHEN SECTION NO. 17, WAGE MADE ONLINE, ORANGE COUNTY, NEW YORK.

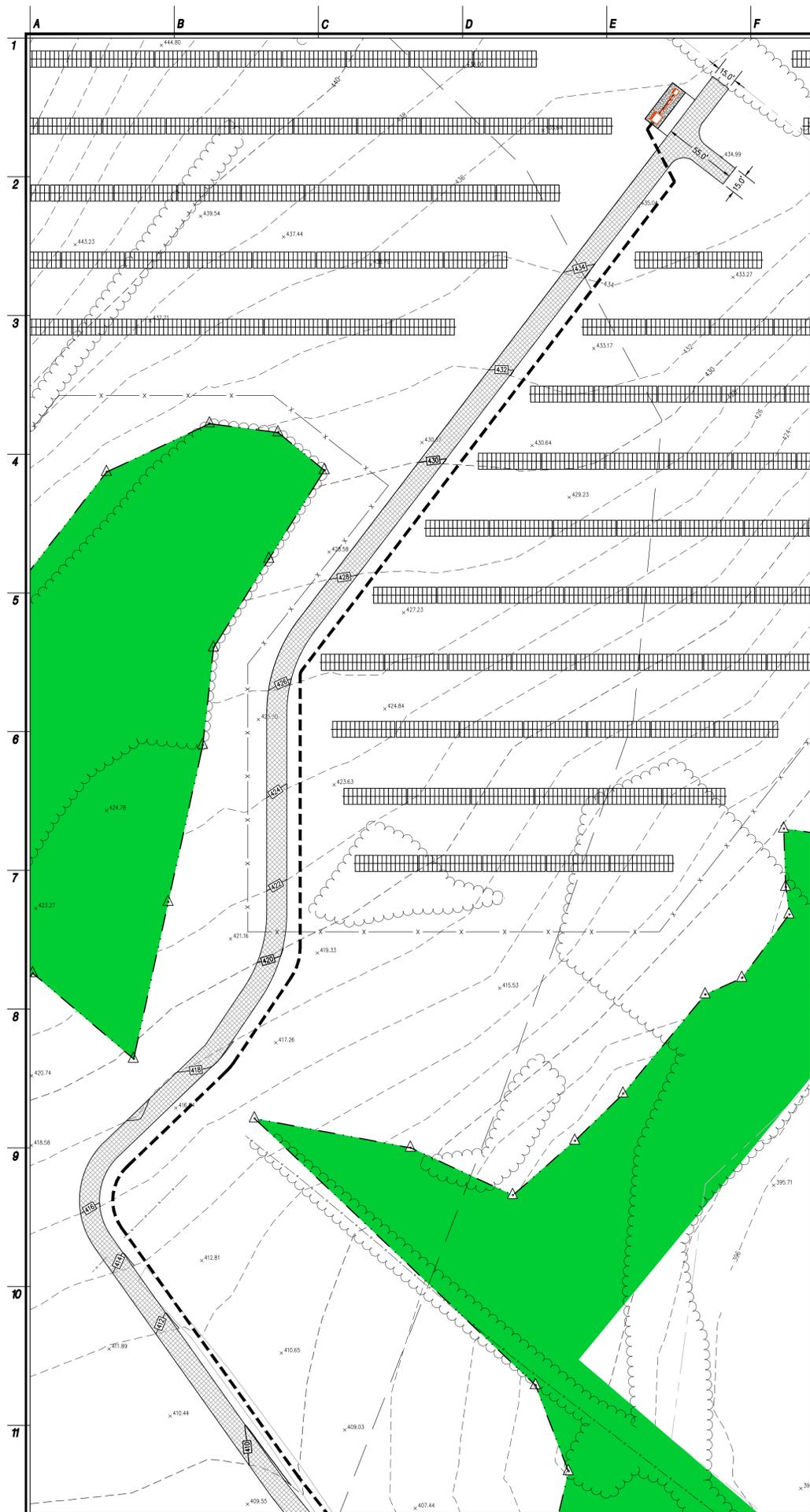
- SURVEY NOTES**
- PROPERTY SUBJECT TO DOCUMENTS OF RECORD.
 - THE SUBJECT PROPERTY IS SUBJECT TO EASEMENTS, RESTRICTIONS, OR EXCEPTIONS, OR CONVEYANCES THAT MAY EXIST.
 - ONLY SURFACE CONDITIONS ARE SHOWN. NO RESPONSIBILITY IS TAKEN FOR BURIED PIPES, WIRES, SEPTIC, WELLS, LISTS, ETC.
 - THE LOCATION OF UTILITIES SHOWN HEREON ARE FROM OBSERVED EVIDENCE OF ABOVE GROUND APPURTENANCES ONLY. THE SURVEYOR WAS NOT PROVIDED WITH UNDERGROUND PLANS OR SURFACE GROUND MARKINGS TO DETERMINE THE LOCATION OF ANY SUBTERRANEAN UTILITIES. NO RESPONSIBILITY IS TAKEN FOR BURIED PIPES, WIRES, SEPTIC, WELLS, LISTS, ETC.
 - THE SUBJECT PROPERTY IS SUBJECT TO THE RIGHTS OF THE PUBLIC IN ANY PORTION OF SAID PROPERTY LYING WITHIN THE RIGHTS OF WAY OF THE ROADS SHOWN.
 - ELEVATIONS ARE BASED ON NAVD83 DATUM.
 - THE TOWN OF GOSHEN, NEW YORK, ZONING OVERLAY MAP, LAST AMENDED: JUNE 2004 WAS UTILIZED TO SHOW WATERSHED BOUNDARY, SCENIC ROAD CORRIDOR OVERLAY, AND STREAM CORRIDOR INFORMATION.
 - THE FEMA NATIONAL FLOOD HAZARD LAYER, PANEL 3607120451E, EFFECTIVE 8/3/2009 WAS UTILIZED TO SHOW THE FLOOD HAZARD AREA LINE.
 - WETLANDS DELINEATED BY LAN ASSOCIATES AND SUBJECT TO VERIFICATION BY REGULATORY AGENCIES.



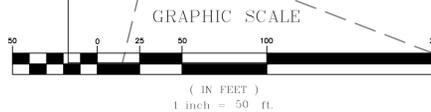
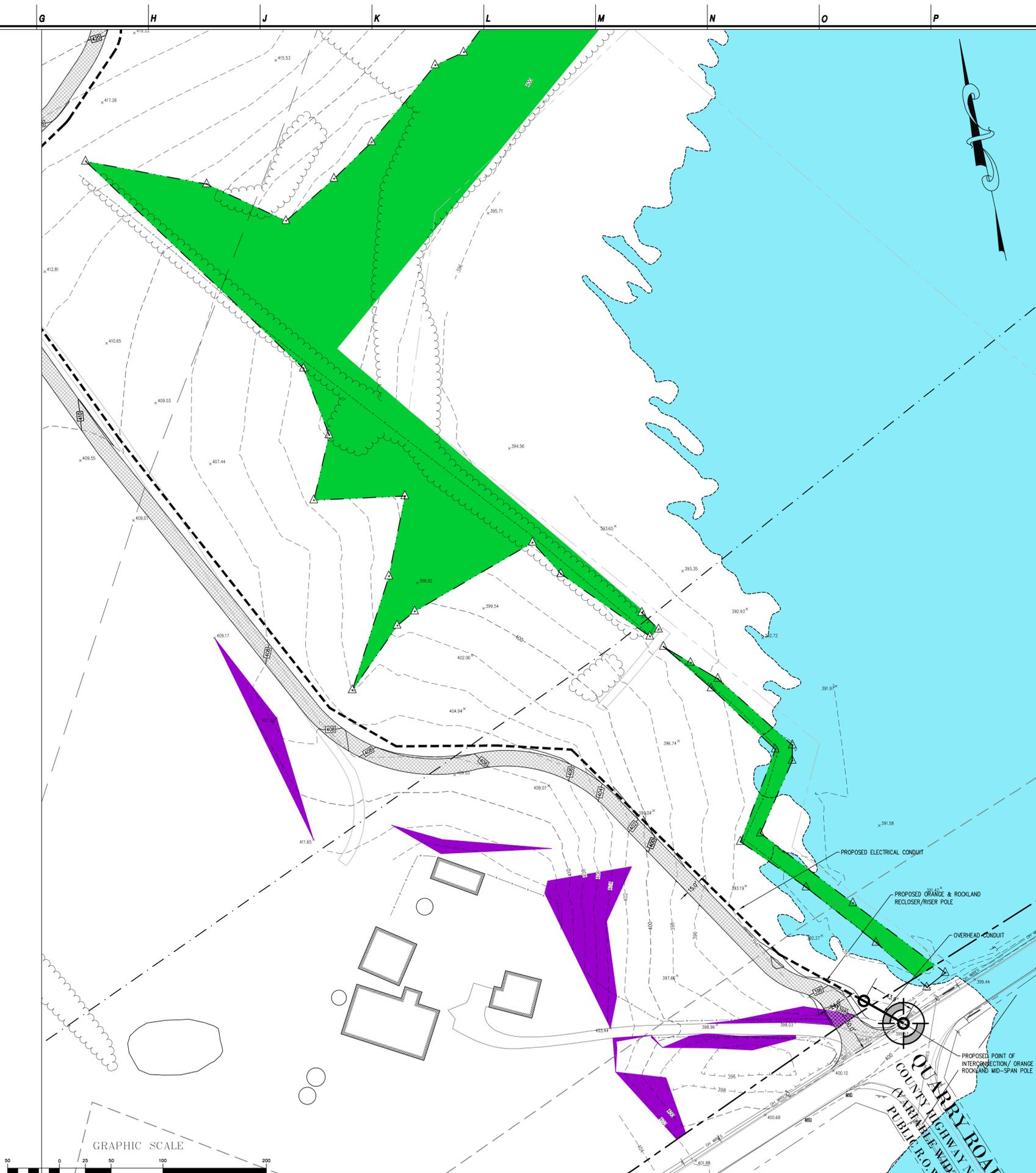
LEGEND			
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CHAIN LINK FENCE	STORM SEWER		
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Date	08/23/18
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Drawn	JK
ERIK E. BOE, P.E. PROFESSIONAL ENGINEER	
Revisions:	
1	9/14/18 TOWN SUBMISSION
2	10/16/18 REVISED TOWN SUBMISSION
LAN ASSOCIATES engineering • planning • architecture • surveying 252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)613-0350	
PROPOSED SITE PLAN SECTION 17 - BLOCK 1 - LOT 24.11 1199 - 1249 PULASKI HIGHWAY TOWN OF GOSHEN ORANGE COUNTY, NEW YORK	
Job No. 4.1408.01	
File No. 140801c1	
SP.21	



PROPOSED PLOT PLAN
SCALE: 1"=50'



PROPOSED PLOT PLAN
SCALE: 1"=50'

Date	08/23/18
Checked	EB
Drawn	JK
 ERIK E. BOE, P.E. THE PROFESSIONAL ENGINEER License No. 089208	
Revisions: 1 9/14/18 TOWN SUBMISSION 2 10/18/18 REVISION TOWN SUBMISSION	
LAN ASSOCIATES engineering • planning • architecture • surveying 252 MAIN STREET, GOSHEN, NEW YORK 10924 (845)613-0350	
PROPOSED ACCESS ROAD SECTION 17 - BLOCK 1 - LOT 24.11 1199-1249 PULASKI HIGHWAY TOWN OF GOSHEN ORANGE COUNTY, NEW YORK	
Job No.	4.1408.01
File No.	140801c1
SP.22	

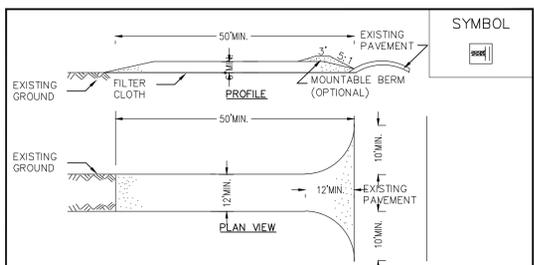
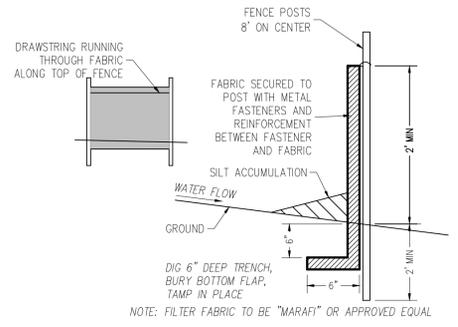
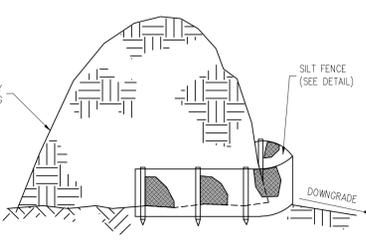
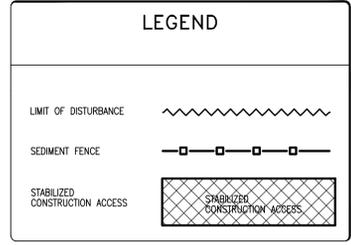
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SOIL EROSION & SEDIMENT CONTROL PLAN
 SECTION 17 - BLOCK 1 - LOT 24.11
 1199-1249 PULASKI HIGHWAY
 TOWN OF GOSHEN
 ORANGE COUNTY, NEW YORK
 Job No. 4.1408.01
 File No. 140801c1
SC.01

- EROSION AND SEDIMENT CONTROL PLAN - CONSTRUCTION SEQUENCE**
1. AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING TO INCLUDE OWNER, ENGINEER, & CONTRACTOR.
 2. PRIOR TO LAND DISTURBANCE, INSTALL NEW SILT FENCE AT LOCATIONS AS INDICATED ON PLAN.
 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS INDICATED ON PLAN.
 4. CONSTRUCT NEW STONE ACCESS PATH.
 5. INSTALL SOLAR ARRAY & ASSOCIATED EQUIPMENT.
 6. FINISH GRADE & INSTALL PROPOSED LANDSCAPING.
 7. FINAL STABILIZATION.
 8. REMOVE SCD MEASURES (SILT FENCE, ETC.) AFTER FINAL SITE STABILIZATION.



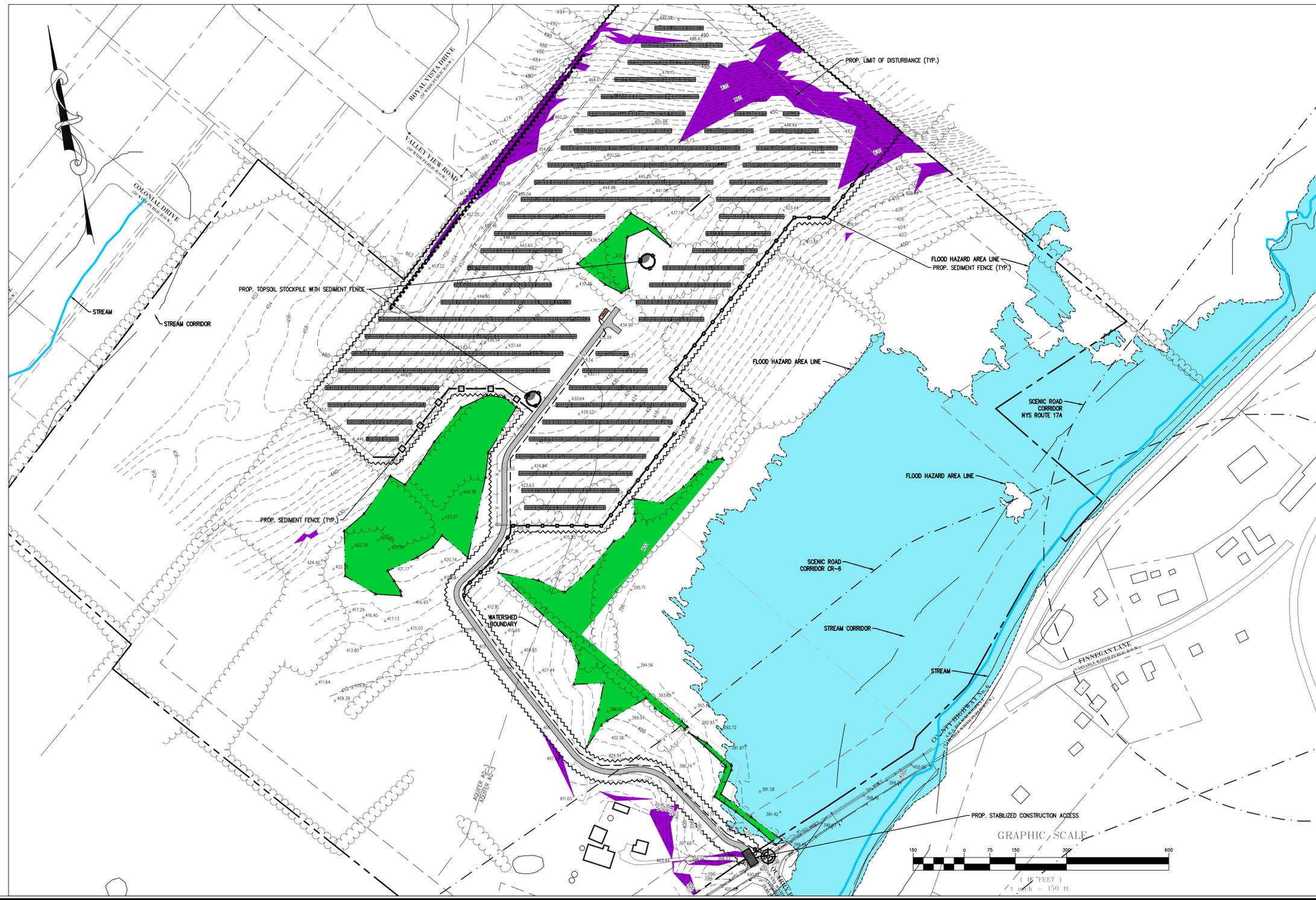
1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

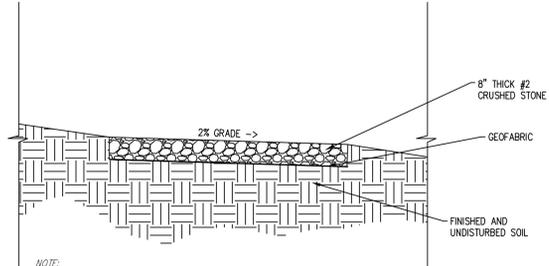
U.S. DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE
 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED CONSTRUCTION ENTRANCE

- STANDARD EROSION CONTROL NOTES**
- AN EROSION CONTROL SYSTEM WILL BE UTILIZED BY THE DEVELOPER TO MINIMIZE THE PRODUCTION OF SEDIMENT FROM THE SITE. METHODS TO BE UTILIZED WILL BE THOSE FOUND MOST EFFECTIVE FOR THE SITE AND SHALL INCLUDE ONE OR MORE OF THE FOLLOWING AS APPLICABLE:
1. TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT THE KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER SUITABLE MATERIALS. DIVERSION CHANNELS, BERMS, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTION SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
 2. ALL DISTURBED AREAS, EXCEPT BROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDED WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SF. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE.
 3. SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
 4. ALL EROSION AND SEDIMENT CONTROL MEASURES, EXCLUDING CATCH-BASIN MEASURES, SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES AND/OR UTILITIES.
 5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/TO STABILIZED.

- LAND GRADING CONSTRUCTION SPECIFICATIONS**
1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
 2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
 3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
 4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
 5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
 6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SURFACE SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
 7. ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
 8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
 9. FROZEN MATERIALS OR SOFT, MUXEY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
 10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
 11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
 12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
 13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
 14. STOCKPILES, BORROW AREAS AND SPILL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.
 15. CONTRACTOR SHALL LIMIT ACCESS OF HIGH-IMPACT EARTH MOVING EQUIPMENT.
 16. CONTRACTOR SHALL NOT OVER-EXCAVATE.
 17. CONTRACTOR SHALL USE DE-COMPACTON PRACTICES TO RESTORE THE SOILS ORIGINAL INFILTRATION PRACTICES.
 18. THE CONTRACTOR SHALL CONSTRUCT THE STORMWATER BASINS AND OTHER STORMWATER INFRASTRUCTURE PER THE REQUIREMENTS AND RECOMMENDATIONS WITHIN THE NYS DEC STORMWATER DESIGN MANUAL (2010 VERSION).
 19. ALL SLOPES CONSTRUCTED WITH FILL MATERIAL SHALL BE TOPSOILED, SEED, MULCHED, AND STABILIZED.
 20. ANY AREAS CONSIDERED CRITICAL FOR SEEDING AND STABILIZATION SHALL BE PROTECTED USING EROSION CONTROL MATS.

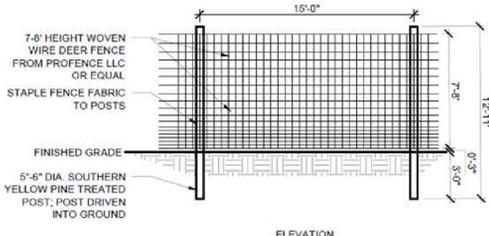




- NOTE:
1. THIS ACCESS ROAD IS LIMITED TO CONSTRUCTION AND OCCASIONAL MAINTENANCE TRAFFIC FOR THE PROPOSED SOLAR ARRAY.
 2. THE CLEAN STONE SHALL BE MINIMUM OF 8 INCHES THICK.
 3. IN AREAS OF NO EARTH WORK, THE ROAD SHALL BE INSTALLED ON UNCOMPACTED SURFACE GRADE.
 4. IN AREAS OF BULK EARTHWORK, THE ACCESS ROADWAY SHALL BE INSTALLED ON FINAL GRADE.
 5. THE ROAD SHALL NOT BE INSTALLED ON NYSDOT SUBBASE MATERIAL OR EQUIVALENT.
 6. THE ACCESS ROAD SHALL BE CONSTRUCTED USING #2 CLEAN STONE. STONE MAY BE DEPOSITED AND SPREAD BY A TRACKED VEHICLE.
 7. GEOFABRIC SHALL BE MIRAFIX TENACITE FS2000 OR APPROVED EQUAL.
 8. THE #2 CLEAN STONE SHALL NOT BE COMPACTED WITH A VIBRATORY ROLLER, FLATE COMPACTOR, OR OTHER MEANS.
 9. DO NOT OIL OR WATER BIND, SEALCOAT, OR CHOKER STONE.
 10. DO NOT OVERLAY WITH CONCRETE, ASPHALT PAVEMENT, OR ANY MATERIAL THAT WILL CREATE AN IMPERVIOUS SURFACE.

CRUSHED STONE ROAD DETAIL

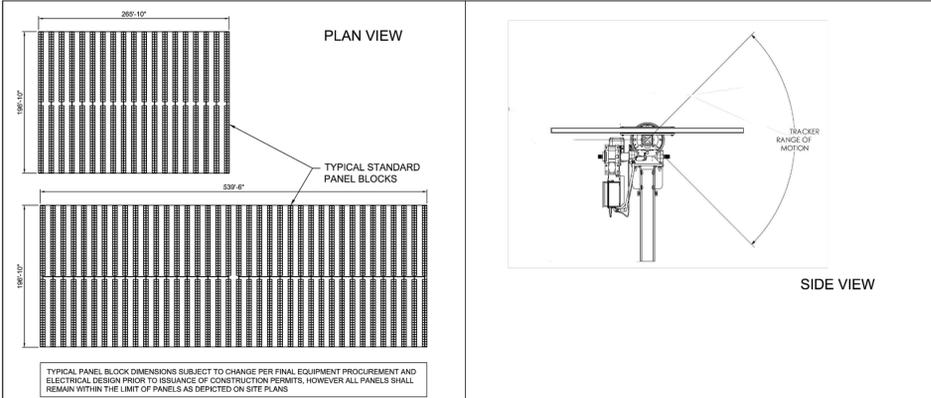
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- NOTE
1. DETAILED FENCING AND GATE SPECIFICATIONS TO BE SUPPLIED BY FENCING CONTRACTOR. FENCING TO BE SUBSTANTIALLY SIMILAR TO THE REPRESENTATIVE DETAIL SHOWN ON THESE PLANS OR BLACK VINYL CHAIN-LINK AS AN ALTERNATIVE.

PROPOSED PROJECT FENCE

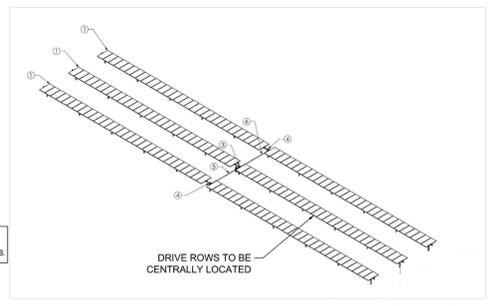
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TYPICAL PANEL BLOCK DIMENSIONS SUBJECT TO CHANGE PER FINAL EQUIPMENT PROCUREMENT AND ELECTRICAL DESIGN PRIOR TO ISSUANCE OF CONSTRUCTION PERMITS. HOWEVER ALL PANELS SHALL REMAIN WITHIN THE LIMIT OF PANELS AS DEPICTED ON SITE PLANS

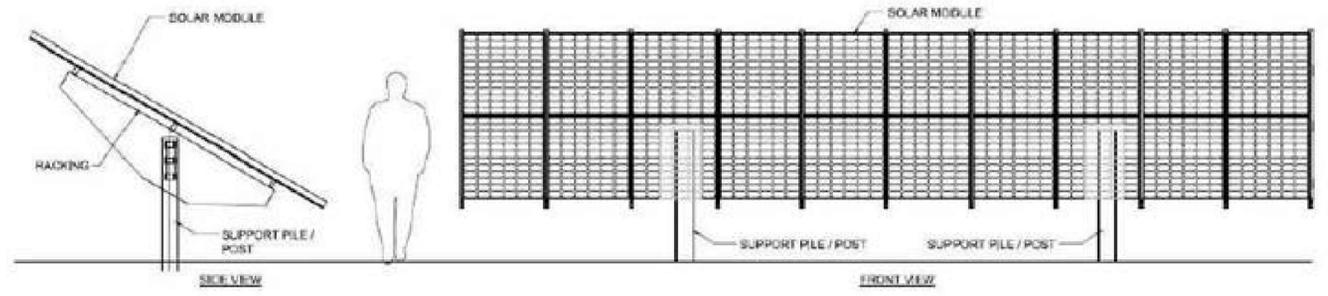
ITEM NO	DESCRIPTION
1	MODULE ROW
3	MOTORIZED GEAR BOX
4	LINKED SLEWING GEARBOX
5	DRIVELINE
6	DRIVELINE

NOTE
- MAXIMUM HEIGHT OF SOLAR PV PANELS SHALL NOT EXCEED TEN (10) FEET.
- ISOMETRIC VIEW SHOWS ONLY 3 PANEL ROWS FOR ILLUSTRATIVE PURPOSES.



REPRESENTATIVE SOLAR TRACKER DETAIL

NTS.



REPRESENTATIVE FIXED-TILT DETAIL

NTS.

Date: 08/23/18
Checked: EB
Drawn: JK
Professional Engineer: ERIK E. BOE, P.E.
License No.: 089208

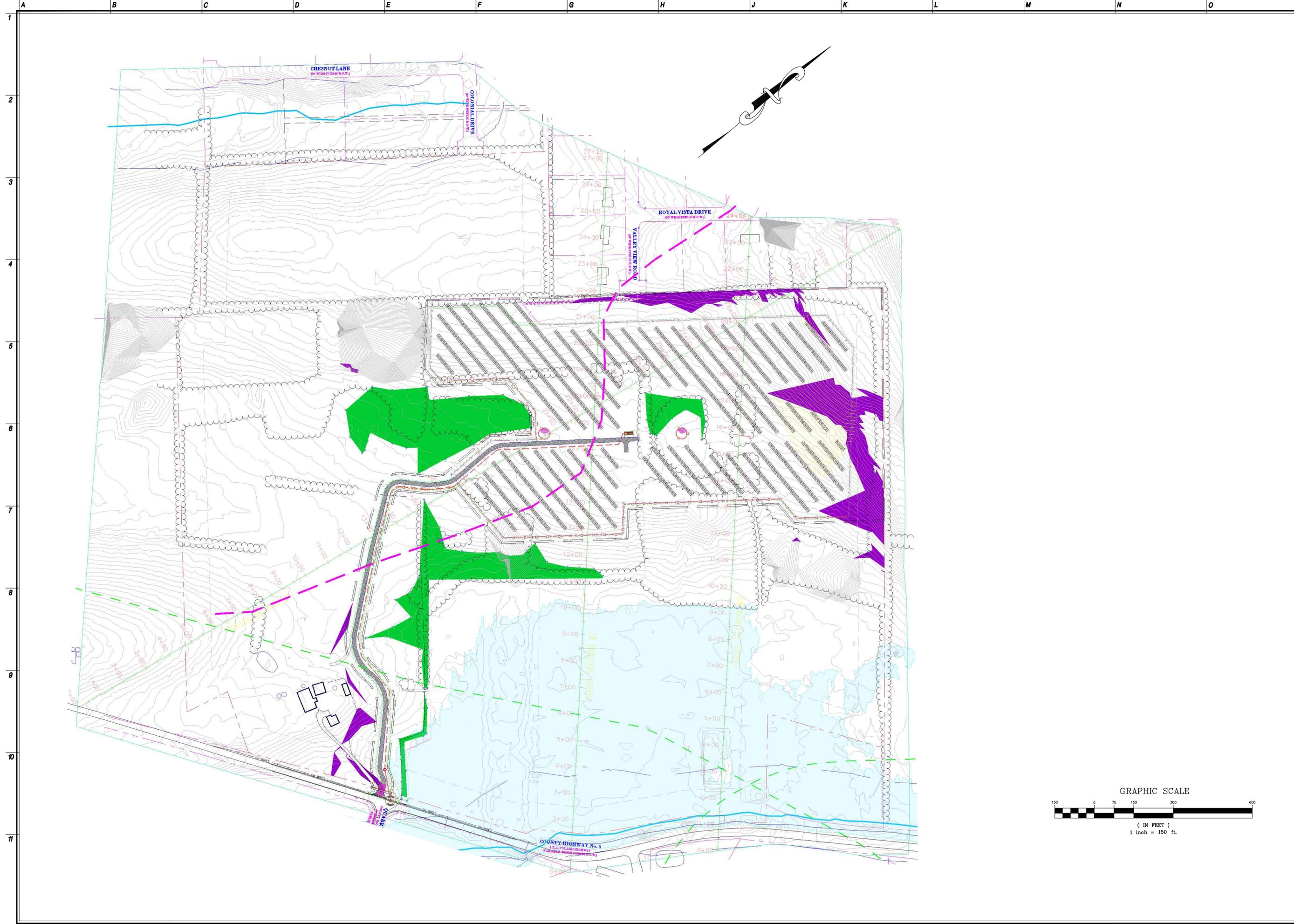
- Revisions:
1. 9/14/18 TOWN SUBMISSION
 2. 10/18/18 REVISION TOWN SUBMISSION

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DETAIL SHEET
SECTION 17 - BLOCK 1 - LOT 24.11
1199 - 1249 PULASKI HIGHWAY
TOWN OF GOSHEN
ORANGE COUNTY, NEW YORK

Job No. 4.1408.01
File No. 140801c1

CD.01



Eng. No.	24027837500
Arch. No.	21AC00012400
Date	10/16/18
Checked	-
Drawn	-

ERIK E. BOE, P.E.
 THE PROFESSIONAL ENGINEER
 License No. 089208

Revisions:

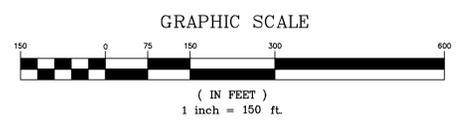
1	9/14/18	TOWN SUBMISSION
2	10/18/18	REVISED TOWN SUBMISSION

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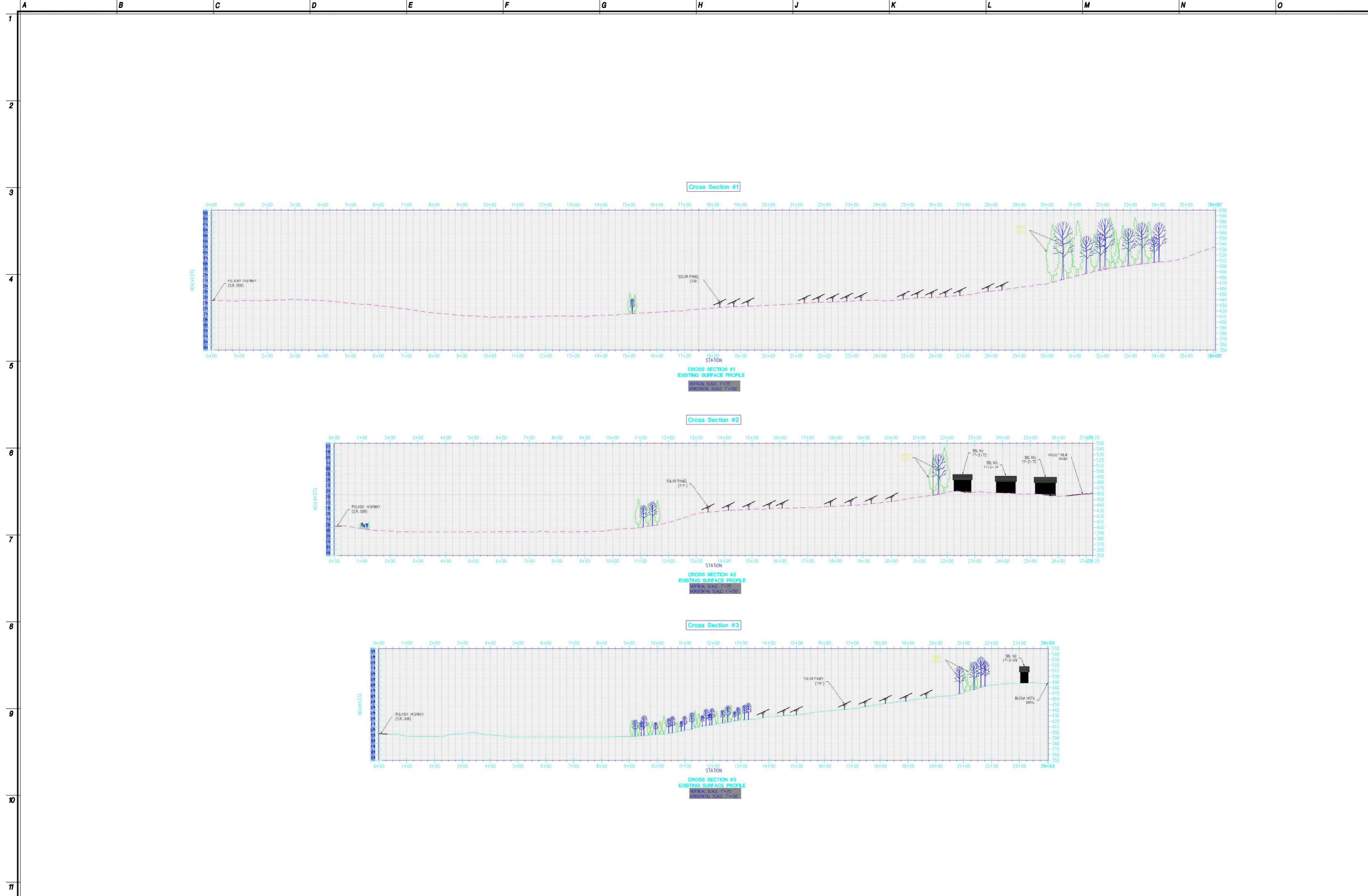
VISUAL IMPACT (1 OF 2)
 SECTION 17 - BLOCK 1 - LOT 24.11
 1199-1249 PULASKI HIGHWAY
 TOWN OF GOSHEN
 ORANGE COUNTY, NEW YORK

Job No. 4.1408.01
 File No. -

SP.31



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Eng. No.	24027837500
Arch. No.	21AC00012400
Date	10/16/18
Checked	--
Drawn	--

ERIK E. BOE, P.E.
 PROFESSIONAL ENGINEER
 License No. 089208

Revisions:

1	9/14/18	TOWN SUBMISSION
2	10/18/18	REVISED TOWN SUBMISSION

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VISUAL IMPACT (2 OF 2)
 SECTION 17 - BLOCK 1 - LOT 24.11
 1199-1249 PULASKI HIGHWAY
 TOWN OF GOSHEN
 ORANGE COUNTY, NEW YORK

Job No. 4.1408.01
 File No. --

SP.32

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