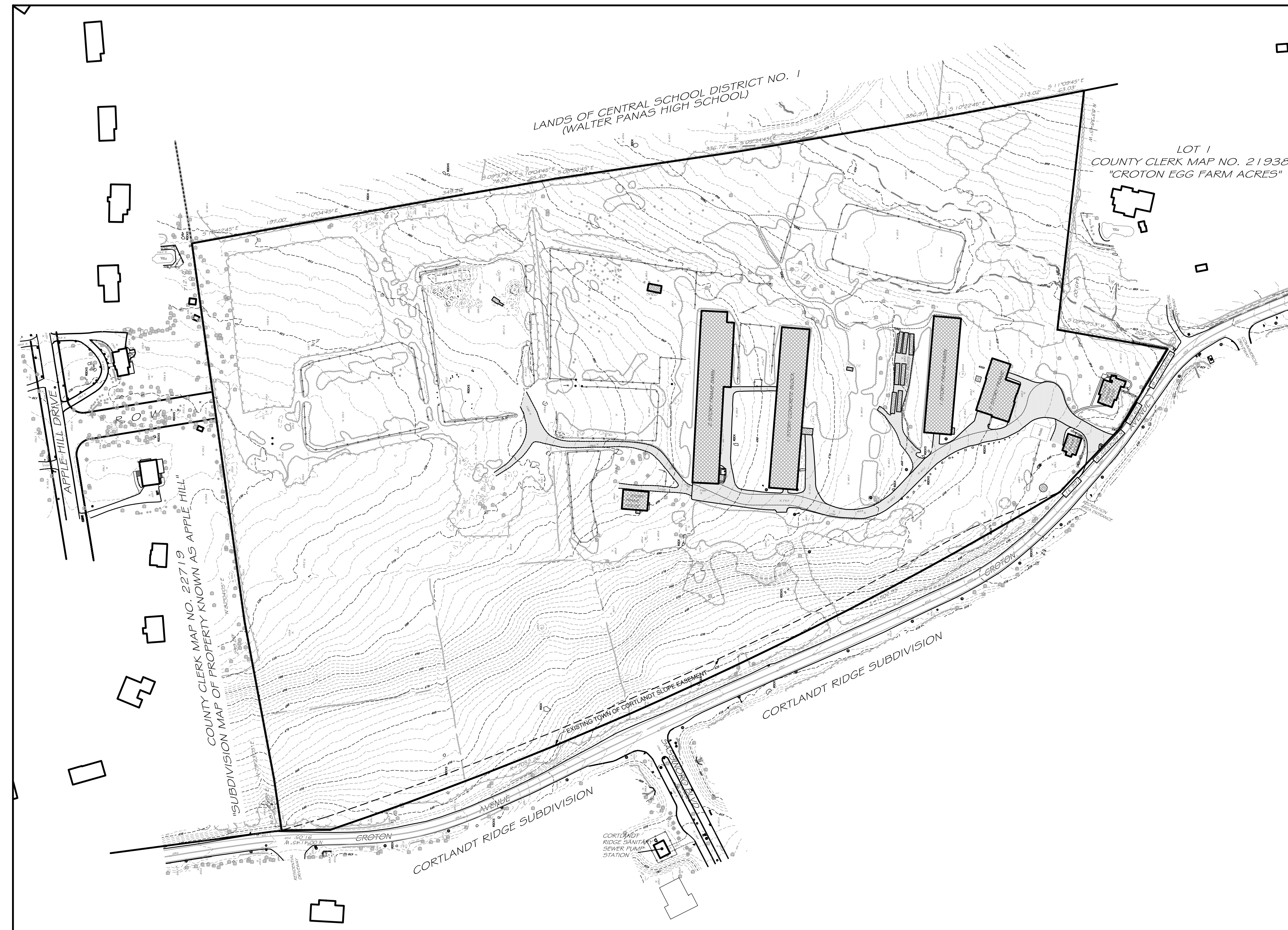
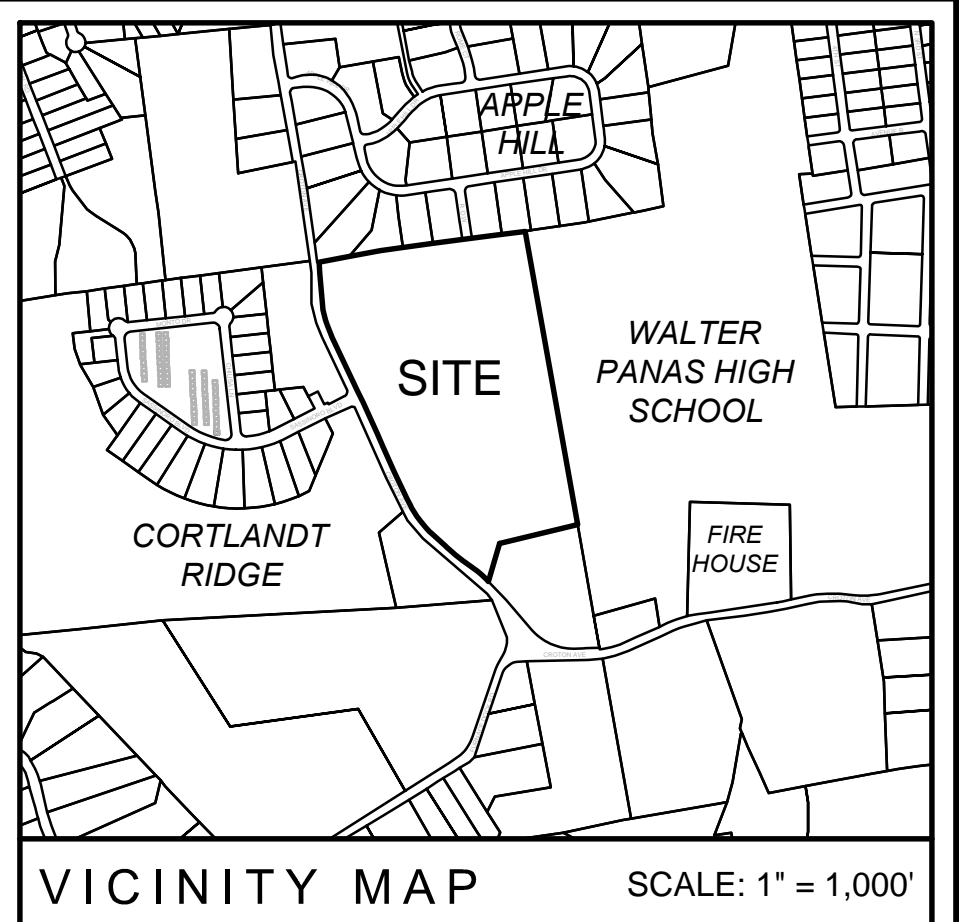
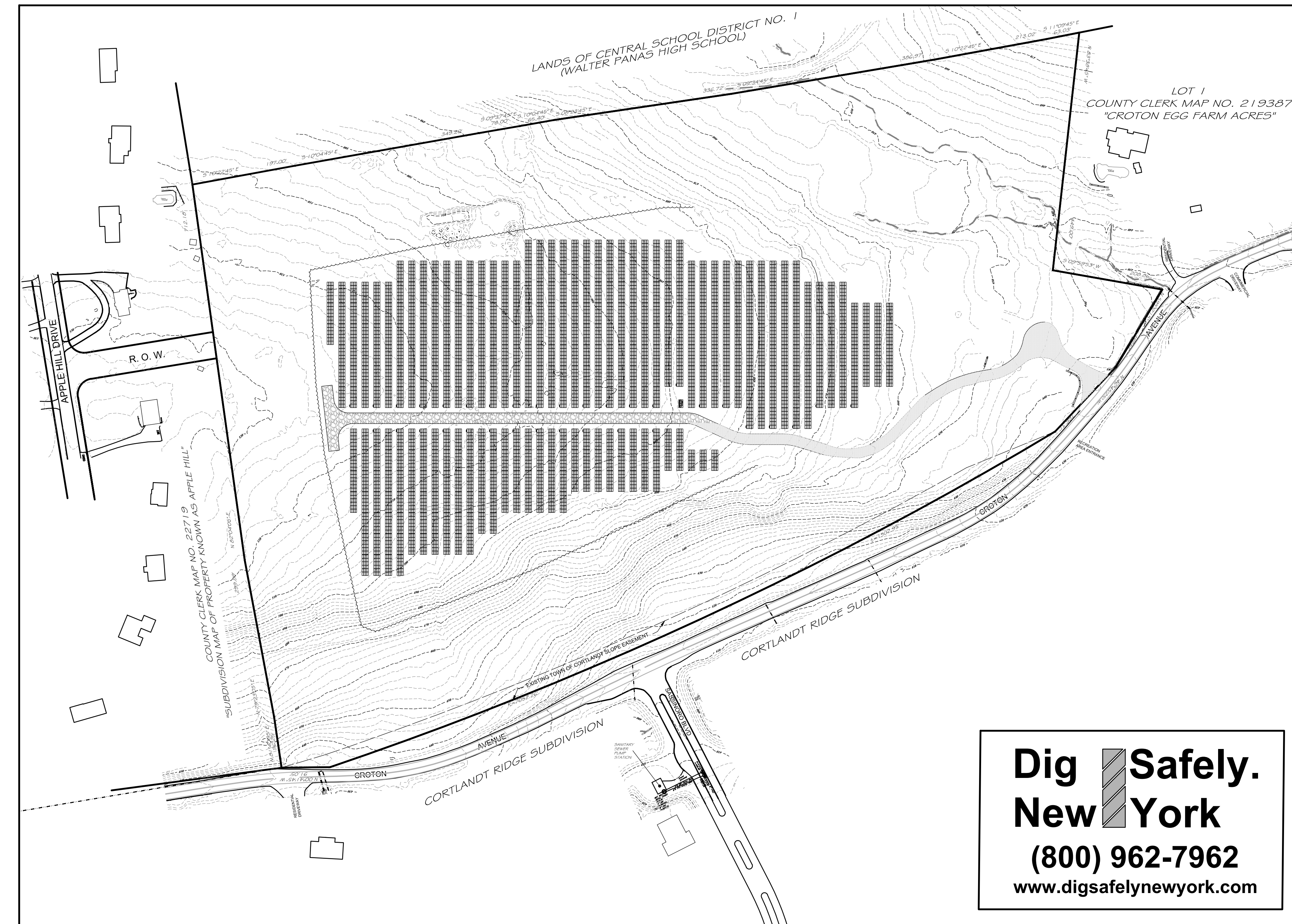


SITE DEVELOPMENT PLAN FOR DIMENSION ENERGY LLC

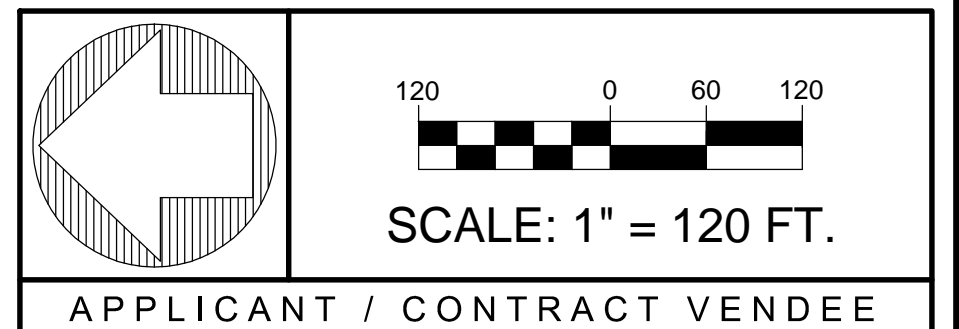


EXISTING CONDITION
SCALE: 1 IN. = 120 FT.



PROPOSED CONDITION
SCALE: 1 IN. = 120 FT.

**Dig Safely.
New York**
(800) 962-7962
www.digsafelynewyork.com



APPLICANT / CONTRACT VENUEE
DIMENSION ENERGY LLC
3280 PEACHTREE ROAD NE, 7TH FLOOR
ATLANTA, GA 30305
PROPERTY OWNER
CROTON REALTY & DEVELOPMENT, INC.
150 CROTON AVENUE
CORTLANDT MANOR, NY 10567

* UNDER NEW YORK STATE EDUCATIONAL LAW ARTICLE 145, SECTION 7209 (2), IT IS UNLAWFUL FOR ANY PERSON TO ALTER ANY ITEM ON THIS DRAWING, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF ANY ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION. COPYRIGHT 2019 BY CRONIN ENGINEERING, P.E., P.C. ALL RIGHTS RESERVED.

REVISIONS		
#	REASON	DATE

MUNICIPAL TAX IDENTIFICATION:	
SECTION:	34.14
BLOCK:	2
LOT:	28
SUBLOT:	
DRAWN BY:	KCS/JCA
CHECKED BY:	KCS
PROJECT:	DIMENSION
DATE:	APRIL 23, 2019
JOB #:	180605

TIMOTHY L. CRONIN III P.E.
LICENSE #062980

THE DEPARTMENT HEAD SIGNATURES INDICATE THAT THIS DRAWING OR SET OF DRAWINGS IS CONSISTENT WITH THE PLANNING BOARD RESOLUTION OF APPROVAL AND WITH THE GENERAL REQUIREMENTS AND POLICIES OF THE TOWN OF CORTLANDT FOR WHICH THE DEPARTMENT HEAD IS RESPONSIBLE. THE PROJECT DESIGN INCLUDING ALL PUBLIC HEALTH AND SAFETY CONSIDERATIONS ARE SOLELY THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL WHO HAS SIGNED AND SEALED THE DRAWINGS.

REVIEWED BY THE DEPARTMENT OF ENVIRONMENTAL SERVICES
DIRECTOR: _____ DATE: _____
REVIEWED BY THE DEPARTMENT OF TECHNICAL SERVICES
DIRECTOR: _____ DATE: _____

APPROVED BY RESOLUTION NO. _____ OF THE PLANNING BOARD OF THE TOWN OF CORTLANDT, NEW YORK ON THE _____ DAY OF _____, 20____, SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERRORS, MODIFICATION OR REVISION IN THIS PLAN, OR SITE DEVELOPMENT PLAN, AFTER THE ABOVE DATE, SHALL VOID THIS APPROVAL.

SIGNED THIS _____ DAY OF _____, 20____, BY _____
CHAIRPERSON OF THE PLANNING BOARD

CRONIN ENGINEERING
PROFESSIONAL ENGINEERING & CONSULTING
(914) 736-3664

39 ARLO LANE
CORTLANDT, NEW YORK 10567

COVER SHEET
SITE DEVELOPMENT FOR
CROTON AVENUE SOLAR PROJECT

LOCATION:
200 CROTON AVENUE
TOWN OF CORTLANDT, NEW YORK 10567
SHEET 1 OF 3 CS

TOWN OF CORTLANDT WESTCHESTER COUNTY, NEW YORK

GENERAL NOTES

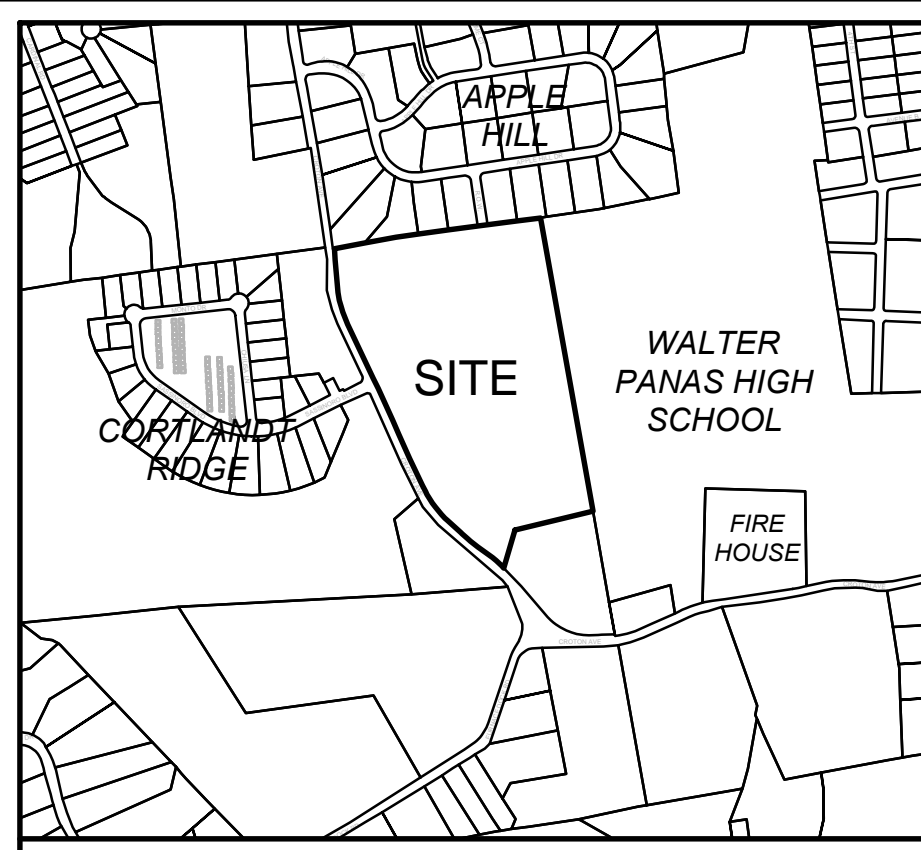
1. PARCEL TAX MAP DESIGNATION: SECTION 34.14, BLOCK 2, LOTS 28
2. TOTAL AREA OF PARCEL = 35.901 ACRES
3. SURVEY AND TOPOGRAPHIC INFORMATION SHOWN HEREON WAS TAKEN FROM A MAP PREPARED BY SCOTT T. CHAMBERLAIN, L.S. ENTITLED "TOPOGRAPHIC SURVEY OF PROPERTY PREPARED FOR CROTON REALTY & DEVELOPMENT, INC.", DATED DECEMBER 6, 2010 & UPDATED FEBRUARY 7, 2011.
4. WETLAND INFORMATION SHOWN HEREON WAS SURVEY LOCATED BY SCOTT T. CHAMBERLAIN AND FLAGGED BY PAUL JADWIG ON DECEMBER 3, 2010
5. LOCATIONS OF STRUCTURES OUTSIDE OF PROPERTY LIMITS ARE BASED ON BOTH SURVEY INFORMATION AND AVAILABLE INFORMATION FROM THE WESTCHESTER COUNTY GEOGRAPHIC INFORMATION SYSTEM.



LEGEND

- EXIST. PROPERTY LINE
- - - EXIST. EASEMENT LINE
- EXISTING CONTOUR 10'
- EXISTING CONTOUR 2'
- - - EXIST. WATERCOURSE
- - - EX. WETLAND BNDRY.
- - - EX. 100' WETLAND BUF.
- ▨ EX. SLOPE > 20%

EXISTING CONDITIONS
SCALE: 1 IN. = 60 FT.



VICINITY MAP SCALE: 1" = 1,000'

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www.digsafelynewyork.com



SCALE: 1" = 60 FT.
APPLICANT / CONTRACT VENUEE

DIMENSION ENERGY LLC
3280 PEACHTREE ROAD NE, 7TH FLOOR
ATLANTA, GA 30305

PROPERTY OWNER

CROTON REALTY & DEVELOPMENT, INC.
150 CROTON AVENUE
CORTLANDT MANOR, NY 10567

SOIL DATA CHART (USDA)

SOIL SYMBOL	DESCRIPTION	% OF SITE
ChE	CHARLTON LOAM, 25 TO 35 PERCENT SLOPES	6.0%
PnB	PAXTON FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES	34.4%
PnD	PAXTON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES	8.0%
PnD	PAXTON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, VERY STONY	5.0%
RdB	RIDGEBURY LOAM, 3 TO 8 PERCENT SLOPES	3.3%
Sh	SUN LOAM	1.5%
WdB	WOODBIDGE LOAM, 3 TO 8 PERCENT SLOPES	35.7%
WdC	WOODBIDGE LOAM, 8 TO 15 PERCENT SLOPES	6.1%

SLOPE ANALYSIS

DESCRIPTION	AREA (S.F.)	% OF PROPERTY
0% TO 10%	828,063	53.0 %
10% TO 15%	348,343	22.3 %
15% TO 20%	141,442	9.0 %
20% TO 25%	74,377	4.7 %
25% TO 100%	171,413	11.0 %
GROSS PARCEL AREA	1,563,847	100.0 %

NYCEP WATERSHED

DESCRIPTION	AREA (ACRES)
EXISTING ON-SITE AREA	6.37 ACRES

LAND COVER

DESCRIPTION	EXISTING		
	AREA (S.F.)	AREA (ACRES)	% OF PROPERTY
MEADOW (BRUSHLAND)	372,002	8.54	23.8
FORESTED	807,602	18.54	51.6
FRESHWATER WETLAND	74,052	1.70	4.7
UNVEGETATED	44,371	1.02	2.8
ROADS, BUILDINGS & OTHER IMPERVIOUS	104,544	2.40	6.7
LAWN AREA	161,276	3.70	10.3
GROSS PARCEL AREA	1,563,847	35.9	100.0

ON-SITE WETLAND AREAS

DESCRIPTION	AREA (S.F.)	AREA (ACRES)
WETLAND A	39,293	0.90
WETLAND B	25,027	0.57
WETLAND C	5,730	0.13
WETLAND D	4,002	0.09
TOTAL	74,052	1.70
WETLAND BUFFER AREA	199,505	4.58

IMPERVIOUS AREAS

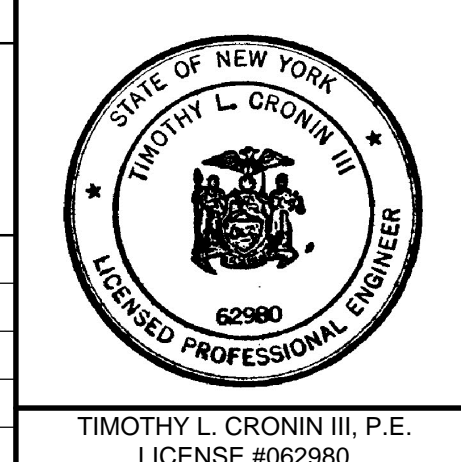
DESCRIPTION	EXISTING	
	AREA (S.F.)	AREA (ACRES)
ROADS	34,415	0.79
DRIVEWAYS	11,761	0.27
WALKWAYS	694	0.02
HOUSES/BUILDINGS	57,542	1.32
TOTAL	104,412	2.40

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REVISIONS

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1		

MUNICIPAL TAX IDENTIFICATION:
SECTION: 34.14
BLOCK: 2
LOT: 28
SUBLOT: ---
DRAWN BY: KCS/JCA
CHECKED BY: KCS
PROJECT: DIMENSION
DATE: APRIL 23, 2019
JOB #: 180605

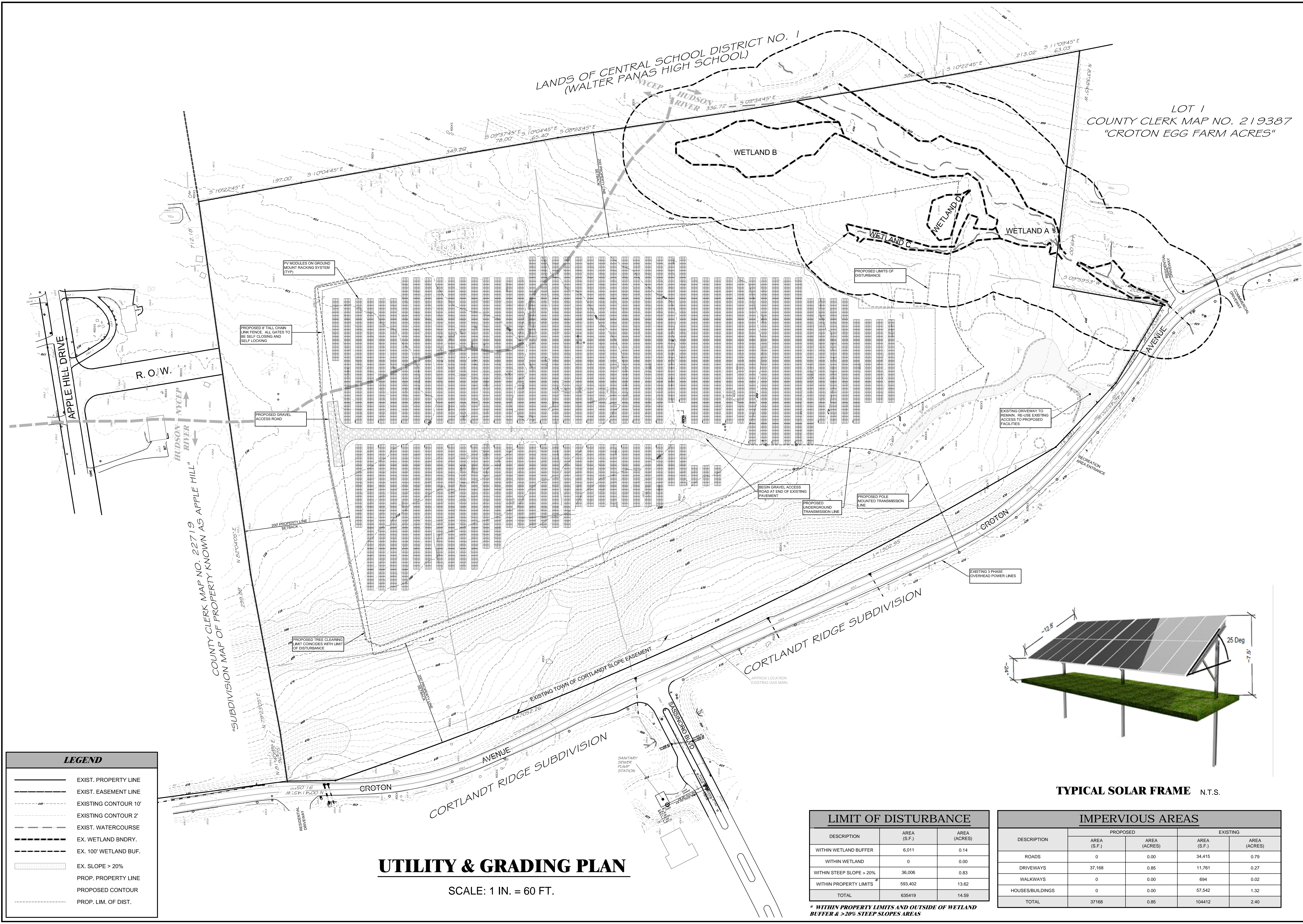


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(914) 736-3664

39 ARLO LANE
CORTLANDT, NEW YORK 10567

EXISTING CONDITIONS
SITE DEVELOPMENT
FOR
CROTON AVENUE
SOLAR PROJECT

LOCATION:
200 CROTON AVENUE
TOWN OF CORTLANDT, NEW YORK 10567



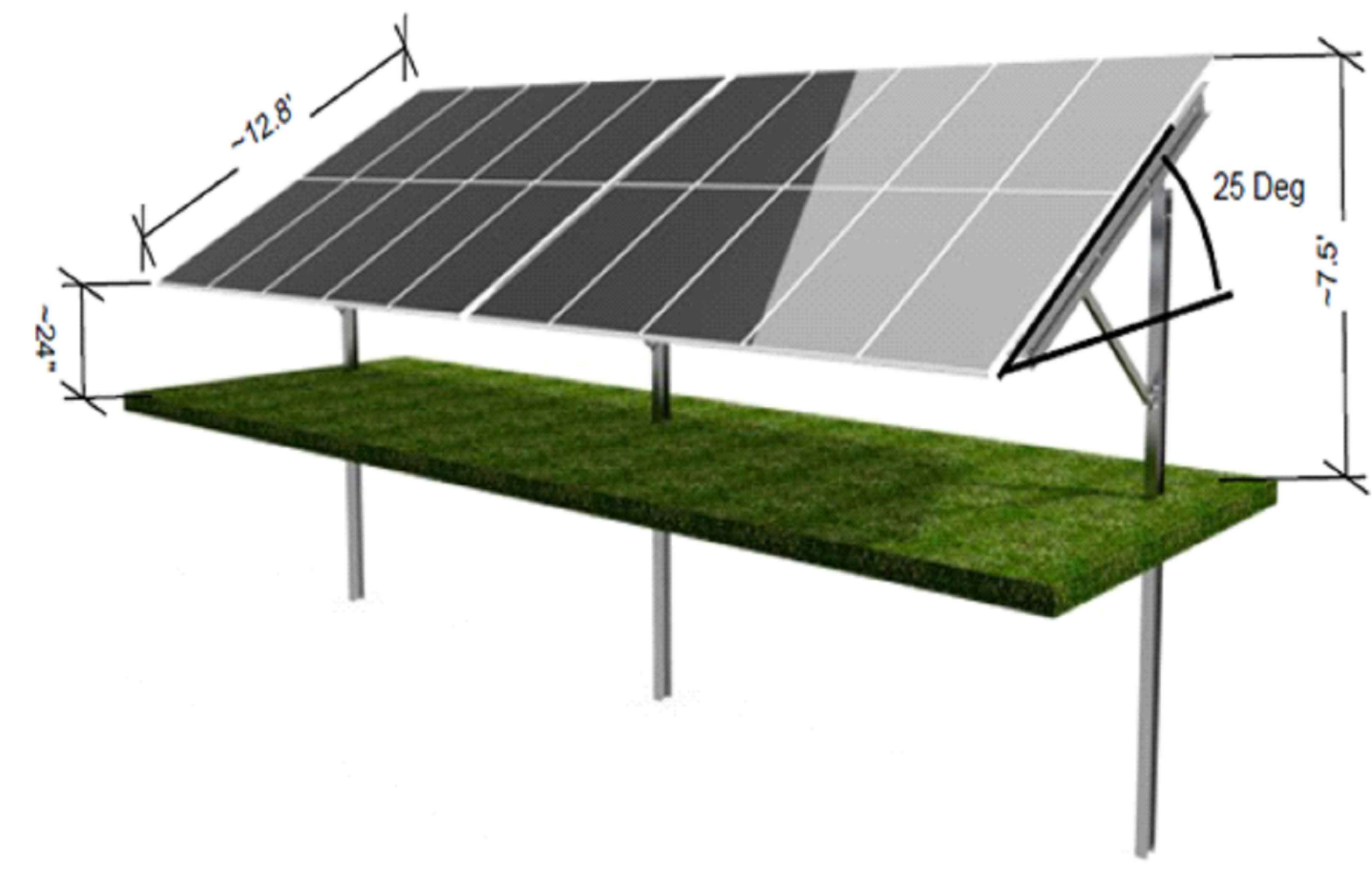
UTILITY & GRADING PLAN

SCALE: 1 IN. = 60 FT.

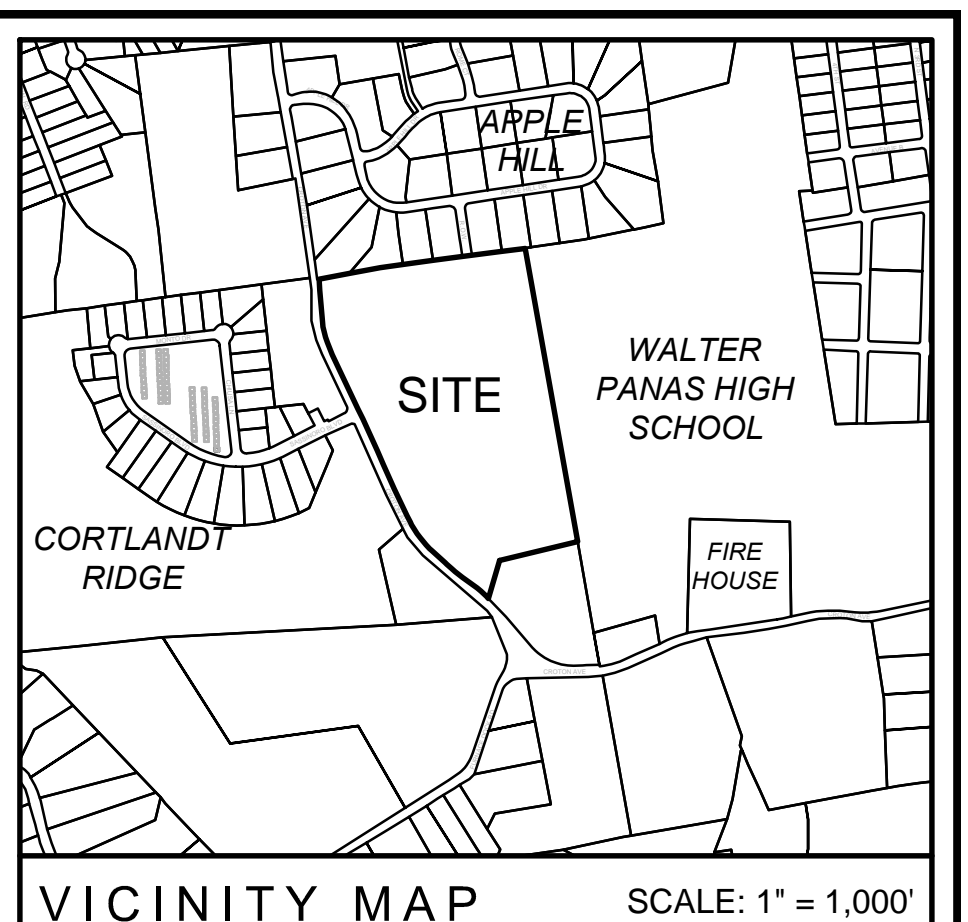
LEGEND	
	EXIST. PROPERTY LINE
	EXIST. EASEMENT LINE
	EXISTING CONTOUR 10'
	EXISTING CONTOUR 2'
	EXIST. WATERCOURSE
	EX. WETLAND BNDY.
	EX. 100' WETLAND BUF.
	EX. SLOPE > 20%
	PROP. PROPERTY LINE
	PROPOSED CONTOUR
	PROP. LIM. OF DIST.

LIMIT OF DISTURBANCE		
DESCRIPTION	AREA (S.F.)	AREA (ACRES)
WITHIN WETLAND BUFFER	6,011	0.14
WITHIN WETLAND	0	0.00
WITHIN STEEP SLOPE > 20%	36,006	0.83
WITHIN PROPERTY LIMITS	593,402	13.62
TOTAL	635,419	14.59

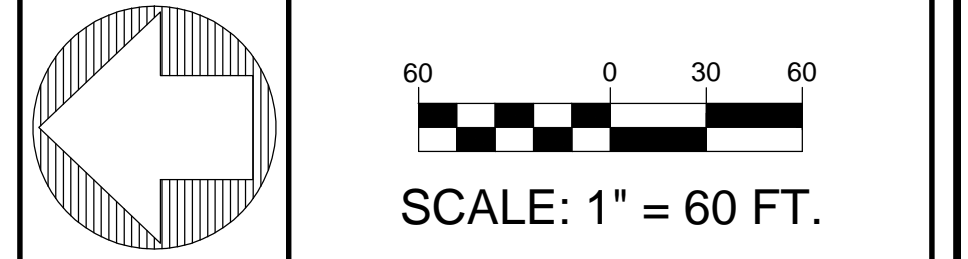
DESCRIPTION	PROPOSED		EXISTING	
	AREA (S.F.)	AREA (ACRES)	AREA (S.F.)	AREA (ACRES)
ROADS	0	0.00	34,415	0.79
DRIVEWAYS	37,168	0.85	11,761	0.27
WALKWAYS	0	0.00	694	0.02
HOUSES/BUILDINGS	0	0.00	57,542	1.32
TOTAL	37,168	0.85	104,412	2.40



TYPICAL SOLAR FRAME N.T.S.



VICINITY MAP SCALE: 1" = 1,000'



SCALE: 1" = 60 FT.

APPLICANT/CONTRACT VENUEE
DIMENSION ENERGY LLC
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 ATLANTA, GA 30305

PROPERTY OWNER
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 150 CROTON AVENUE
 CORTLANDT MANOR, NY 10567

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UTILITY & GRADING PLAN
SITE DEVELOPMENT FOR CROTON AVENUE SOLAR PROJECT
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