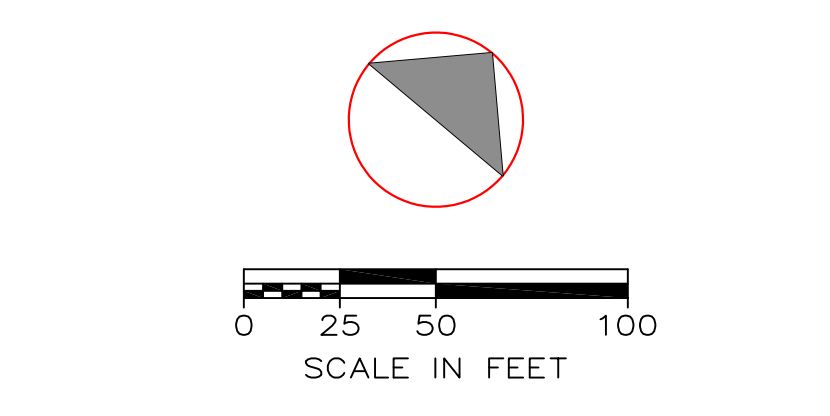


Proposed Disturbances			
LOT			
Lot Area (sq. ft.)	544,366		
Total disturbed area (sq. ft.)	291,710		
Percent of lot being disturbed	53.5%		
STEEP SLOPES			
Non-steep slopes (<15%)	NA	Max. Allowed Dist. Area (sq. ft.)	Over max. allowed dist. area (Yes/No)
Moderate steep slopes (MSSA) (15% - <25%)	13,068	NA	NA
Very steep slopes (VSSA) (25% - <35%)	8,712	74,354	YES
Extremely steep slopes (ESSA) (>35%)	4,356	46,470	YES
Total steep slope disturbance		78,746	YES
MSSA + VSSA + ESSA = TSSD	263,220	199,570	NO
Total weighted steep slope area (TWSSA) (MSSA x 1.0) + (VSSA x 1.5) + (ESSA x 3) = TWSSA	13,068	380,297	YES



- LEGEND**
- SOLAR PANEL CONSISTING OF SUB-ARRAY OF 20 MODULES
 - PROPOSED DISTURBANCE LINE TOTAL DISTURBANCE=6.70 AC.
 - L.S. PROPOSED LEVEL SPREADER

ZONING SCHEDULE		
RA-60 DISTRICT	REQUIRED	PROPOSED
LOT 1		
MIN. SIZE OF LOT - LOT AREA	60,000 SF	544,366 SF
LOT WIDTH	175'	740'
LOT DEPTH	225'	710'
MIN. YARD DIMENSIONS		
FRONT	50'	50'
SIDE (1)	30'	30'
SIDE (BOTH)	80'	80'
REAR	45'	45'
FAR	0.15	N.A.
MAX. HEIGHT OF BUILDING		
STORIES	2 1/2	N.A.
FEET	35'	N.A.
MAXIMUM BUILDING COVERAGE	15%	5%
LOT 2		
MIN. SIZE OF LOT - LOT AREA	60,000 SF	123,816 SF
LOT WIDTH	175'	422'
LOT DEPTH	225'	342'
MIN. YARD DIMENSIONS		
FRONT	50'	50'
SIDE (1)	30'	30'
SIDE (BOTH)	80'	80'
REAR	45'	45'
FAR	0.15	N.A.
MAX. HEIGHT OF BUILDING		
STORIES	2 1/2	N.A.
FEET	35'	N.A.
MAXIMUM BUILDING COVERAGE	15%	N.A.

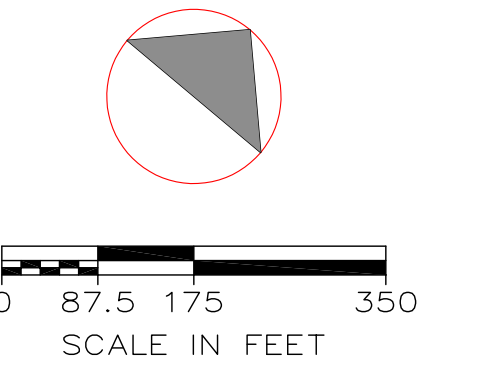
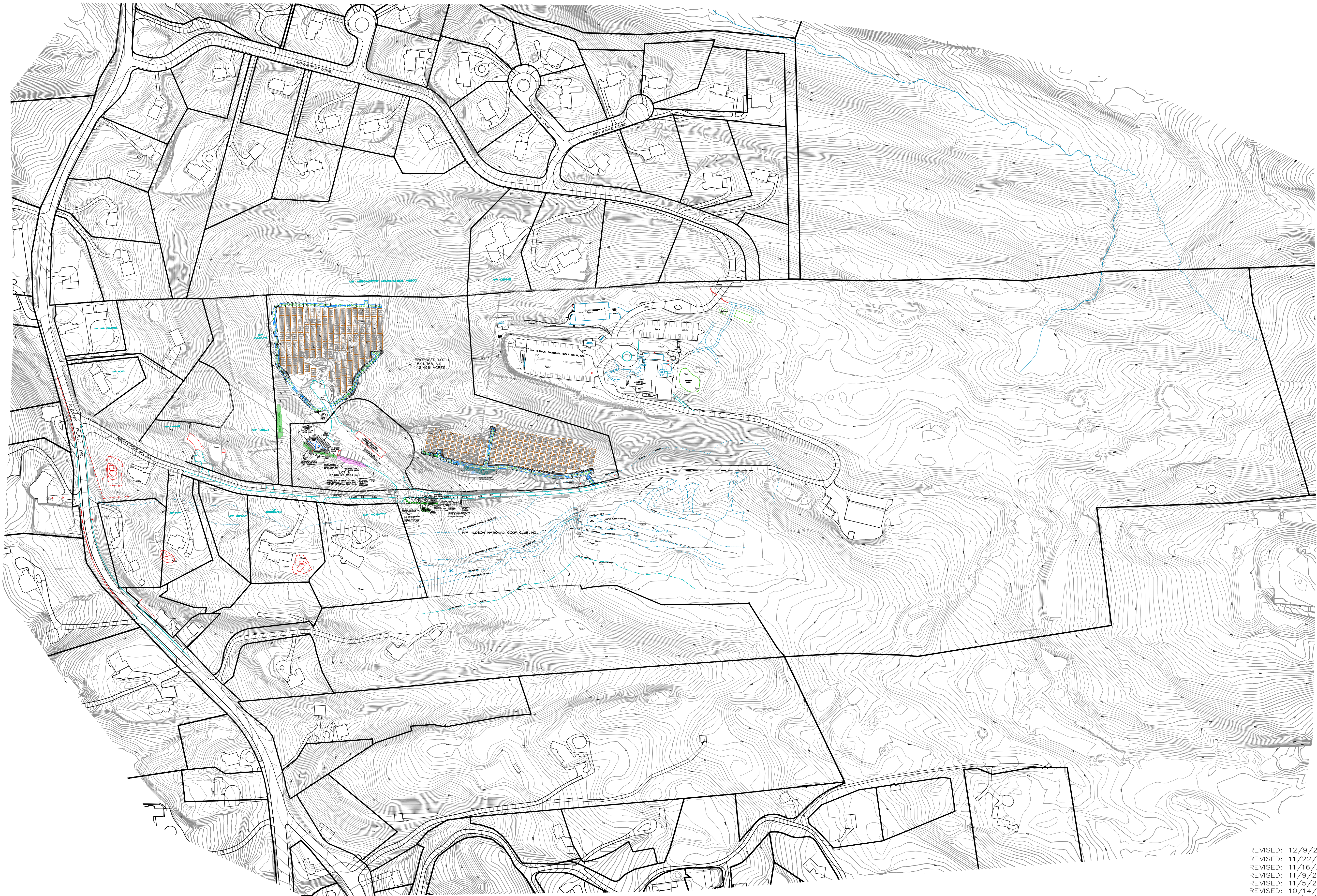
RALPH G. MASTROMONACO, P.E., P.C.
Consulting Engineers
13 Dove Court, Croton-on-Hudson, New York 10520
(914) 271-4762 (914) 271-2820 Fax



**SITE PLAN
PROPOSED SUBDIVISION/
SOLAR ARRAY SYSTEM**
PREPARED FOR
HUDSON NATIONAL GOLF CLUB
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER COUNTY, NY
APRIL 22, 2019
SHEET 1 OF 7 SHEETS

Unauthorized alterations or additions to this drawing is a violation of Section 7209 (2) of the New York State Education Law.

- | | | |
|---------------------|---------------------|---------------------|
| REVISED: 12/9/2021 | REVISED: 3/31/2021 | REVISED: 10/7/2020 |
| REVISED: 11/22/2021 | REVISED: 11/6/2020 | REVISED: 7/7/2020 |
| REVISED: 11/16/2021 | REVISED: 10/19/2020 | REVISED: 7/2/2020 |
| | REVISED: 10/15/2020 | REVISED: 6/23/2020 |
| | | REVISED: 5/5/2020 |
| | | REVISED: 4/4/2020 |
| | | REVISED: 3/2/2020 |
| | | REVISED: 2/25/2020 |
| | | REVISED: 2/24/2020 |
| | | REVISED: 1/22/2020 |
| | | REVISED: 10/25/2019 |
| | | REVISED: 10/7/2019 |



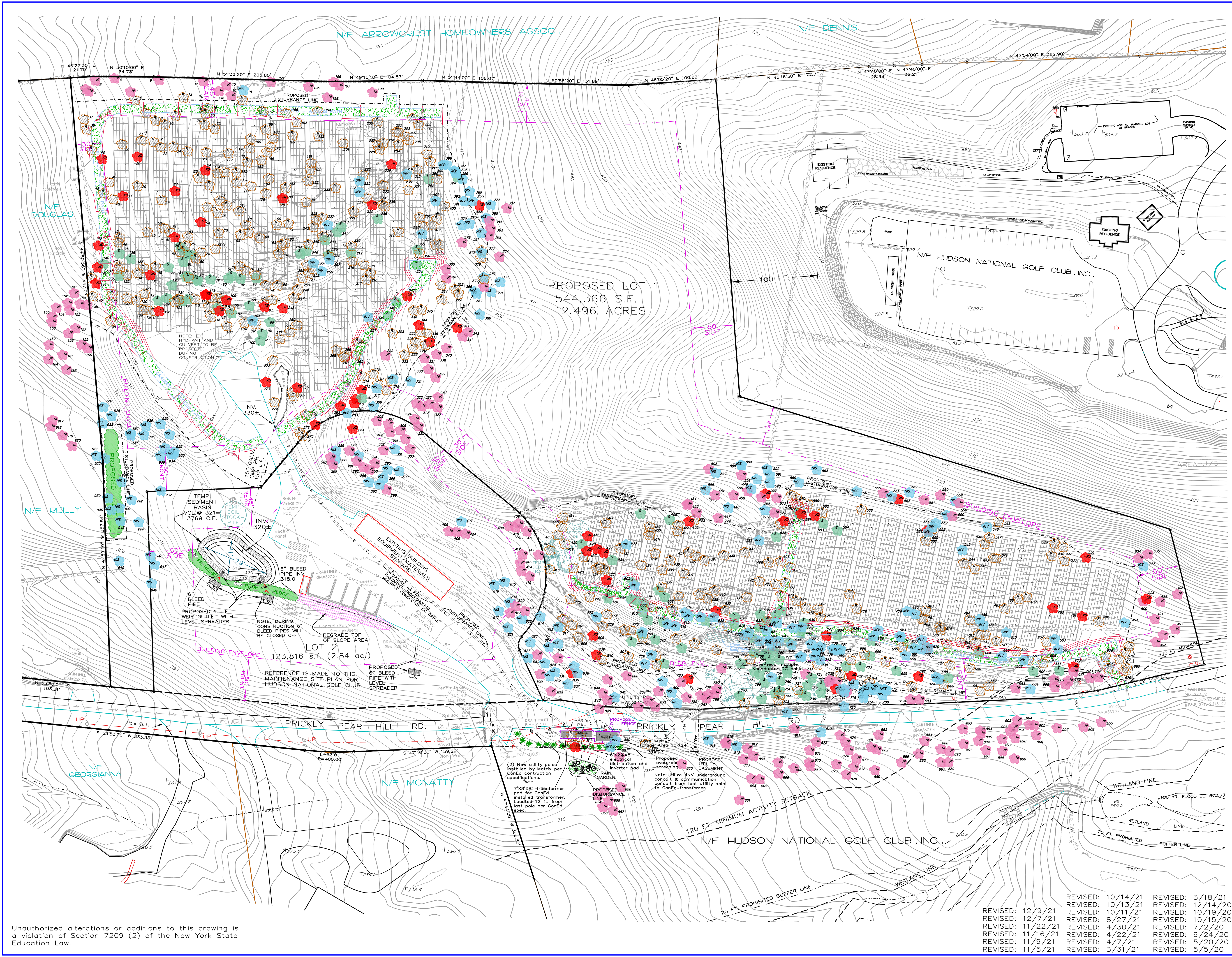
RALPH G. MASTROMONACO, P.E., P.C.
Consulting Engineers
13 Dove Court, Croton-on-Hudson, New York 10520
(914) 271-4762 (914) 271-2820 Fax



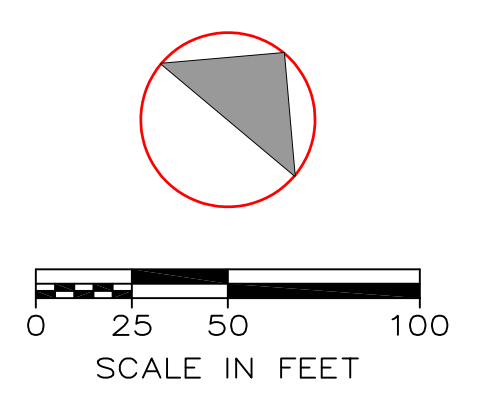
OVERALL MAP
PROPOSED SUBDIVISION/
SOLAR ARRAY SYSTEM
PREPARED FOR
HUDSON NATIONAL GOLF CLUB
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER COUNTY, NY
JANUARY 22, 2020
SHEET 2 OF 7 SHEETS

REVISED: 12/9/21
REVISED: 11/22/21
REVISED: 11/16/21
REVISED: 11/9/21
REVISED: 11/5/21
REVISED: 10/14/21
REVISED: 10/11/21
REVISED: 4/30/21
REVISED: 4/22/21
REVISED: 4/7/21
REVISED: 3/31/21
REVISED: 3/18/21
REVISED: 12/17/20
REVISED: 10/19/20
REVISED: 10/15/20
REVISED: 7/2/20
REVISED: 5/5/20

Unauthorized alterations or additions to this drawing is
a violation of Section 7209 (2) of the New York State
Education Law.



Unauthorized alterations or additions to this drawing is a violation of Section 7209 (2) of the New York State Education Law.



TREE LEGEND

CATEGORY	COUNT
>8" D.B.H. TO BE REMOVED	352
SMALL <8" D.B.H. TO BE REMOVED	117
INVASIVE (REMOVE)	86
TOTAL LIVE TREES TO BE REMOVED	555
OTHER TREES LOCATED	
DEAD TO BE REMOVED	30
POOR * TO BE REMOVED	32
NO IMPACT >8" D.B.H.	214
NO IMPACT <8" D.B.H.	117

NUMBERS INCLUDE ONLY AND ALL OF THOSE TREES 4" AND OVER.
* POOR TREES ARE EXHIBITING FAILURE AND MORTALITY IS EXPECTED WITHIN A FEW YEARS.

LEGEND

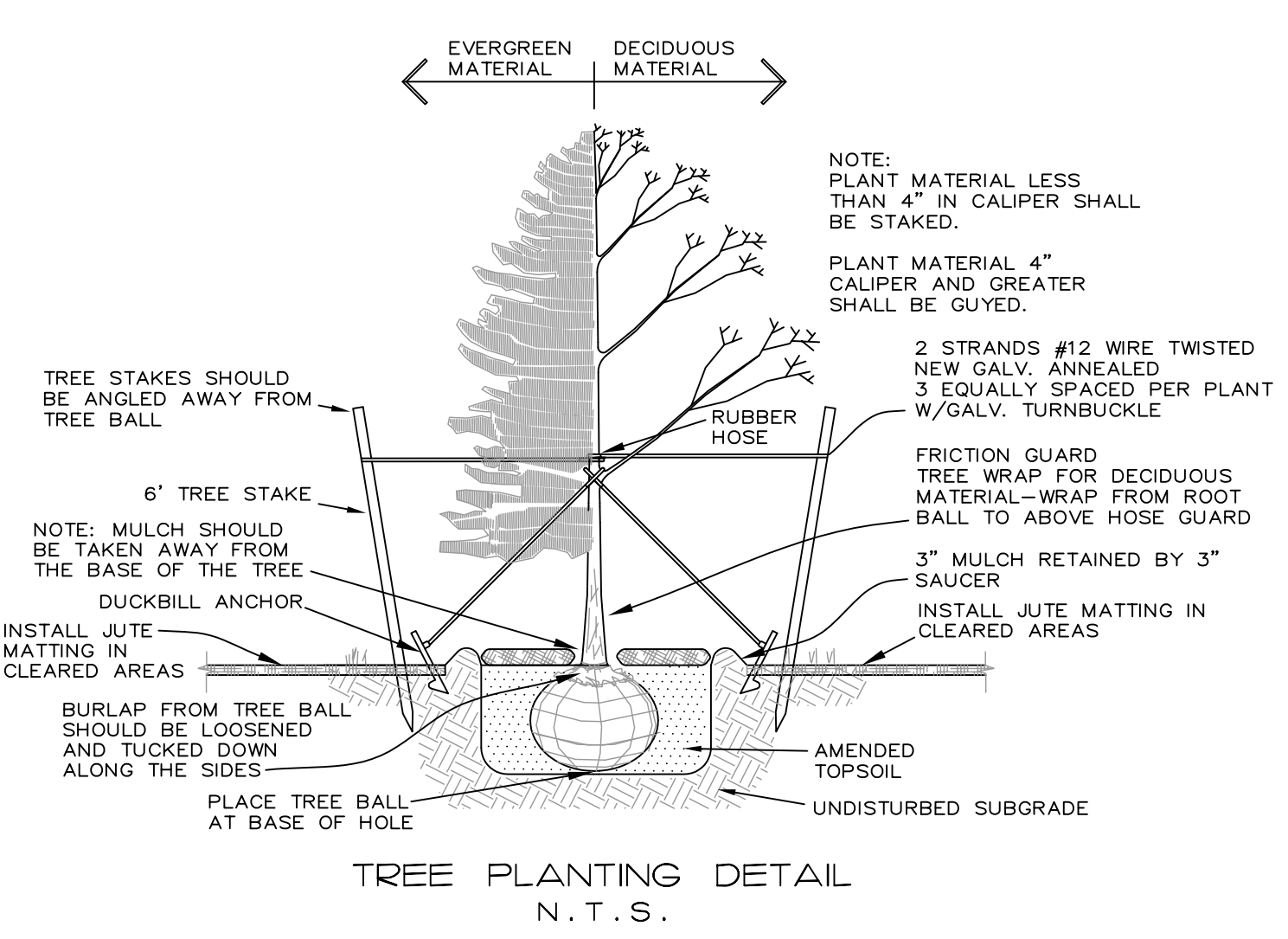
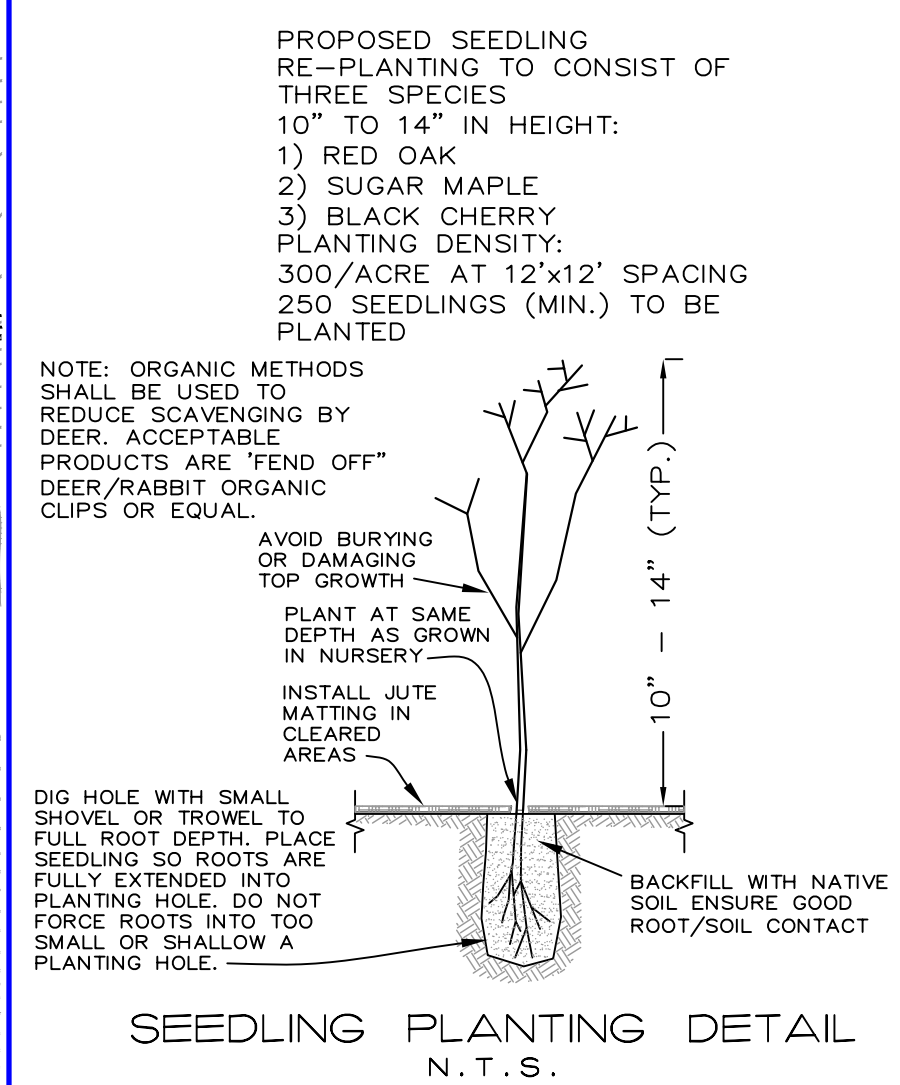
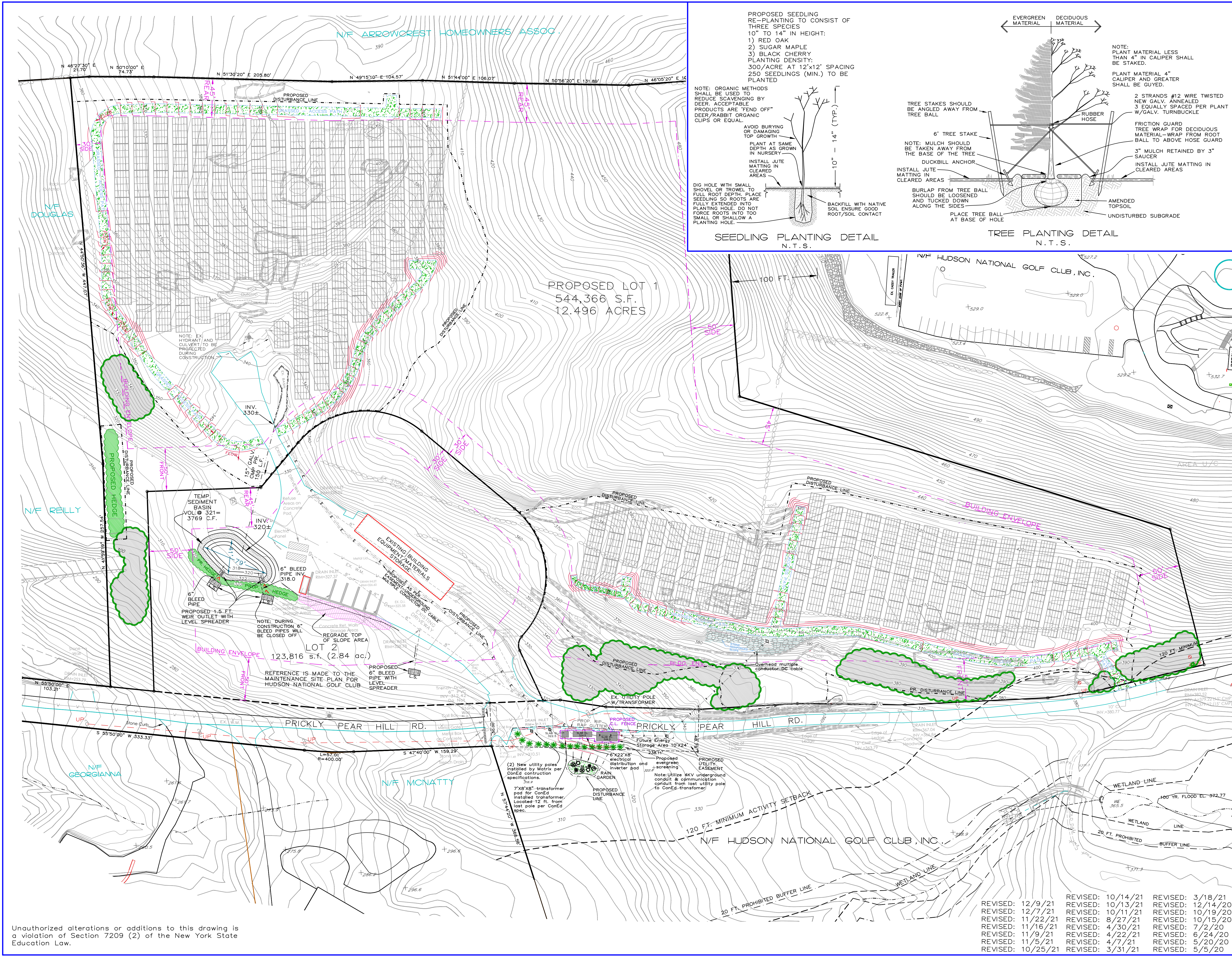
- SOLAR PANEL CONSISTING OF SUB-ARRAY OF 20 MODULES
- PROPOSED DISTURBANCE LINE TOTAL DISTURBANCE=6.70 AC.

RALPH G. MASTROMONACO, P.E., P.C.
Consulting Engineers
13 Dove Court, Croton-on-Hudson, New York 10520
(914) 271-4762 (914) 271-2820 Fax



TREE PLAN
SOLAR ARRAY SYSTEM
PREPARED FOR
HUDSON NATIONAL GOLF CLUB
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER COUNTY, NY
MARCH 25, 2020

- REVISED: 10/14/21
- REVISED: 12/9/21
- REVISED: 12/7/21
- REVISED: 11/22/21
- REVISED: 11/16/21
- REVISED: 11/9/21
- REVISED: 11/5/21
- REVISED: 3/18/21
- REVISED: 12/14/20
- REVISED: 10/19/20
- REVISED: 10/15/20
- REVISED: 7/2/20
- REVISED: 6/24/20
- REVISED: 5/20/20
- REVISED: 5/5/20



NOTE: AREAS UNDER AND AROUND THE PANELS TO BE SEED AS FOLLOWS:

SEED MIXTURE:

Northeast Solar Pollinator 3' Mix
Mix Composition:

94.9% Festuca ovina, Variety Not Stated (Sheep Fescue, Variety Not Stated)
2.5% Asclepias tuberosa (Butter y Milkweed)
2.0% Chamaecrista fasciculata, PA Ecotype (Partridge Pea, PA Ecotype)
0.3% Oenothera fruticosa var. fruticosa (Sundrops)
0.3% Tradescantia virginiana, Southeastern PA/Northern VA blend (Virginia Spiderwort, Southeastern PA/Northern VA blend)

General Product Information:
Item Number: ERNMX-612
Product Categories:
Solar Sites
Seeding Rate: Seed at 40 lb/acre with 30 lbs/acre of a cover crop. For a cover crop use either grain oats (1 Jan to 31 Jul) or grain rye (1 Aug to 31 Dec).

Ernst Conservation Seeds, Inc.
8884 Mercer Pike, Meadville PA 16335

LEGEND

SOLAR PANEL CONSISTING OF SUB-ARRAY OF 20 MODULES

PROPOSED DISTURBANCE LINE
TOTAL DISTURBANCE=6.70 AC.

TREE RE-PLANTING AREAS

RALPH G. MASTROMONACO, P.E., P.C.
Consulting Engineers
13 Dove Court, Croton-on-Hudson, New York 10520
(914) 271-4762 (914) 271-2820 Fax

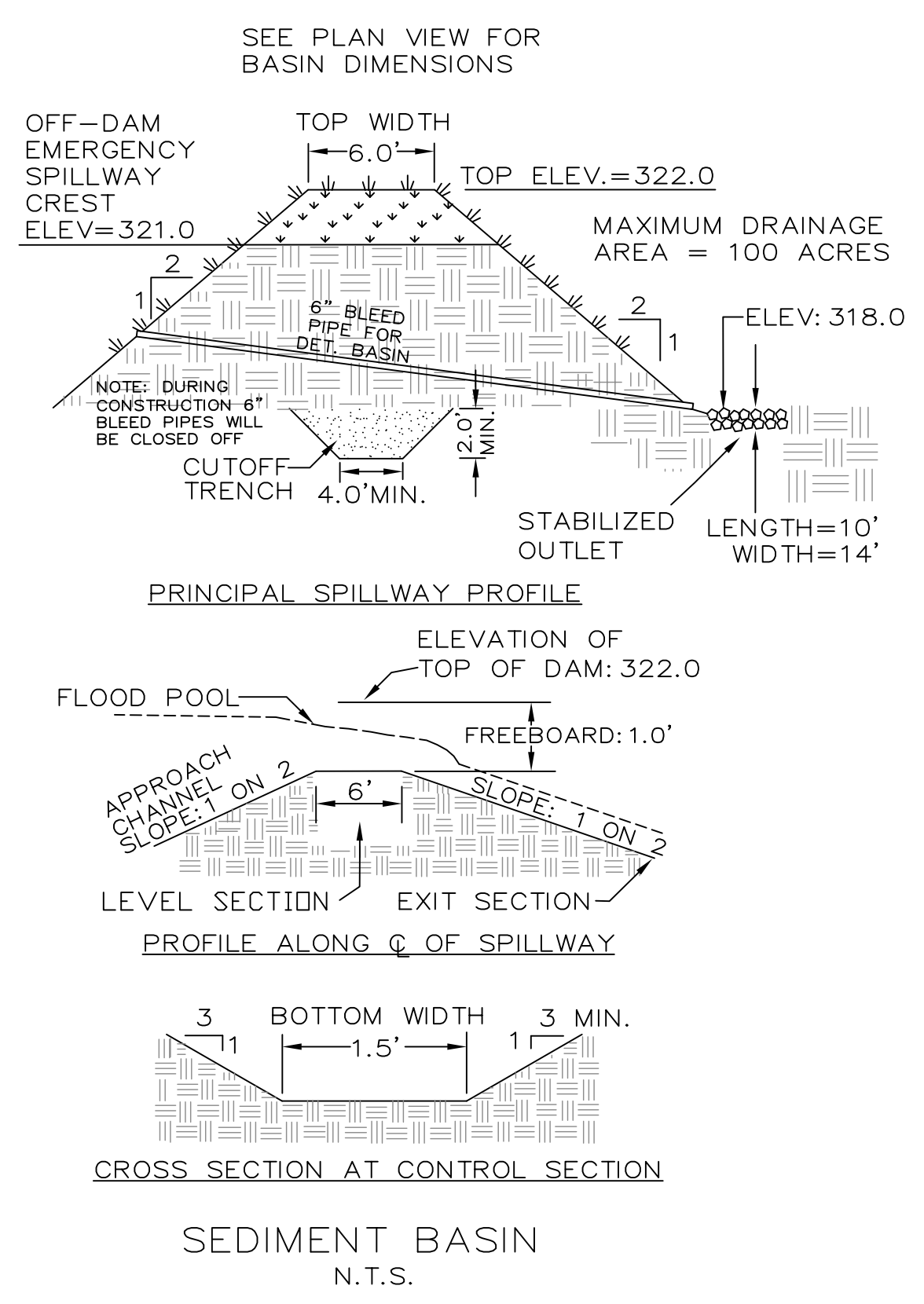
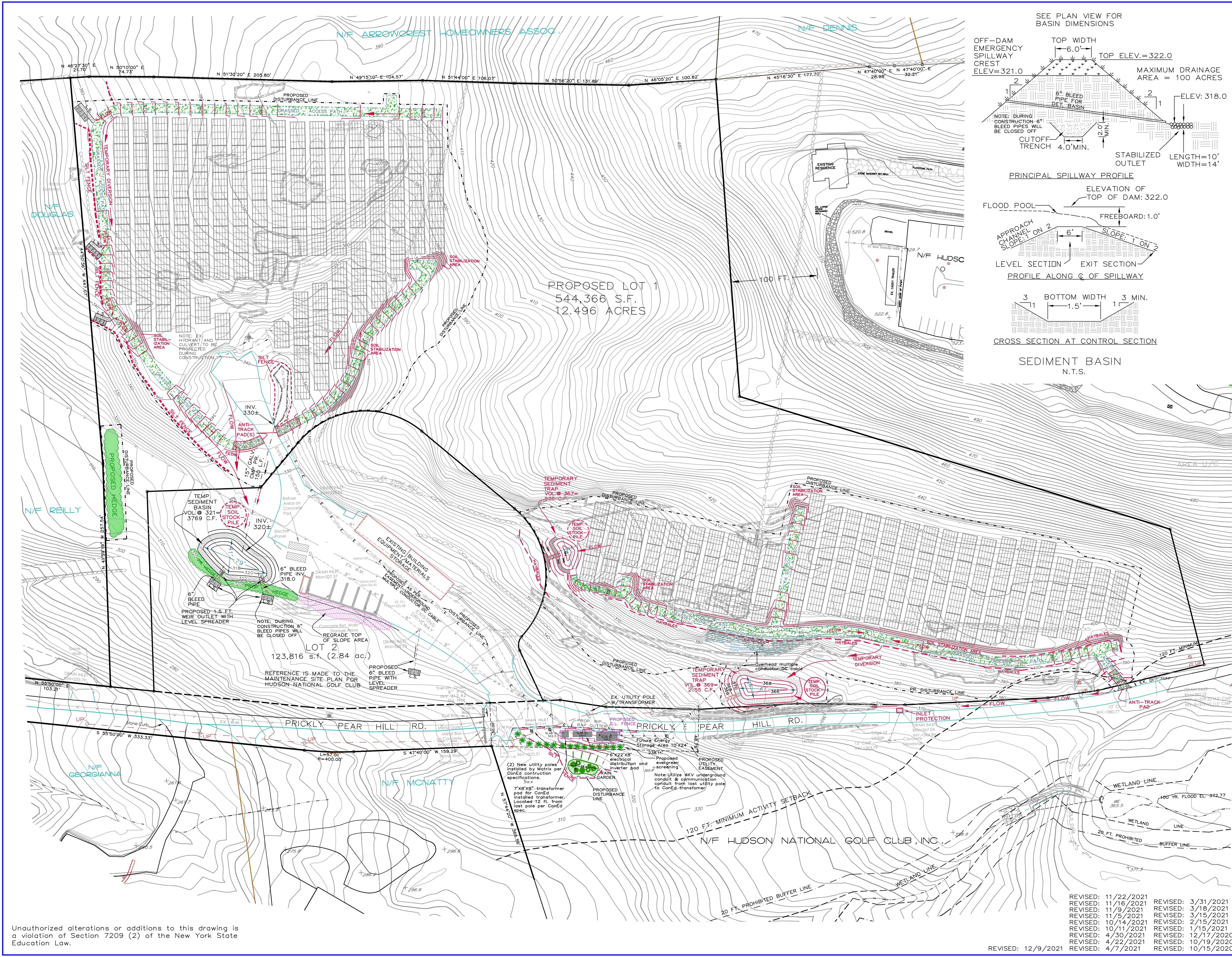
STATE OF NEW YORK
Ralph G. Mastro Monaco
No. 054498
Professional Engineer

TREE REPLANTING
LANDSCAPE PLAN
SOLAR ARRAY SYSTEM
PREPARED FOR
HUDSON NATIONAL GOLF CLUB
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER COUNTY, NY
MARCH 25, 2020

SHEET 4 OF 7 SHEETS

REVISED: 12/9/21	REVISED: 10/14/21	REVISED: 3/18/21
REVISED: 12/7/21	REVISED: 10/13/21	REVISED: 12/14/20
REVISED: 11/22/21	REVISED: 10/11/21	REVISED: 10/19/20
REVISED: 11/16/21	REVISED: 8/27/21	REVISED: 10/15/20
REVISED: 11/9/21	REVISED: 4/30/21	REVISED: 7/2/20
REVISED: 11/5/21	REVISED: 4/22/21	REVISED: 6/24/20
REVISED: 10/25/21	REVISED: 4/7/21	REVISED: 5/20/20
	REVISED: 3/31/21	REVISED: 5/5/20

Unauthorized alterations or additions to this drawing is a violation of Section 7209 (2) of the New York State Education Law.



- LEGEND**
- SOLAR PANEL CONSISTING OF SUB-ARRAY OF 20 MODULES
 - L.S. PROPOSED LEVEL SPREADER
 - HAYBALES
 - SILT FENCE
 - TEMPORARY SEDIMENT TRAP/BASIN
 - ANTI-TRACK PAD
 - TEMP. SOIL STOCKPILE W/ SILT FENCE SURROUND

RALPH G. MASTROMONACO, P.E., P.C.
Consulting Engineers
13 Dove Court, Croton-on-Hudson, New York 10520
(914) 271-4762 (914) 271-2820 Fax



**EROSION CONTROL PLAN
SOLAR ARRAY SYSTEM**
PREPARED FOR
HUDSON NATIONAL GOLF CLUB
VILLAGE OF CROTON-ON-HUDSON
TOWN OF CORTLANDT
WESTCHESTER COUNTY, NY
JULY 2, 2020

Unauthorized alterations or additions to this drawing is a violation of Section 7209 (2) of the New York State Education Law.

REVISED: 11/22/2021
REVISED: 11/16/2021
REVISED: 11/9/2021
REVISED: 11/8/2021
REVISED: 10/14/2021
REVISED: 10/11/2021
REVISED: 4/30/2021
REVISED: 4/22/2021
REVISED: 12/9/2021

REVISED: 3/31/2021
REVISED: 3/18/2021
REVISED: 3/15/2021
REVISED: 2/15/2021
REVISED: 1/15/2021
REVISED: 12/17/2020
REVISED: 10/19/2020
REVISED: 10/15/2020

SHEET 6 OF 7 SHEETS

