

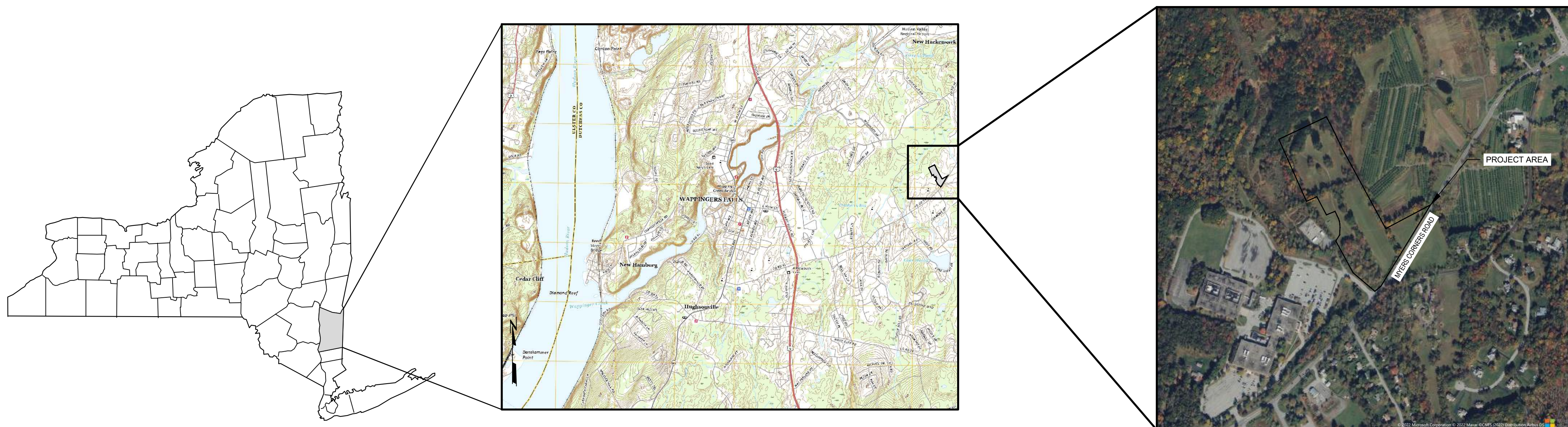
ISSUED FOR PERMITTING - CIVIL & STORMWATER DESIGN PLANS

OLD MYERS SOLAR PROJECT

MYERS CORNERS ROAD, WAPPINGER, DUTCHESS COUNTY, NEW YORK
DUTCHESS COUNTY TAX PARCEL 135689-6258-03-376432-0000

PREPARED FOR: NY SOLAR 1001 LLC
LIGHTSTAR RENEWABLES, LLC
501 BOYLSTON STREET
BOSTON, MA 02116

PREPARED BY: TRC
AUGUSTA, ME
DATE: APRIL 2023



NEW YORK

WAPPINGER

SITE LOCATOR

SHEET INDEX TABLE

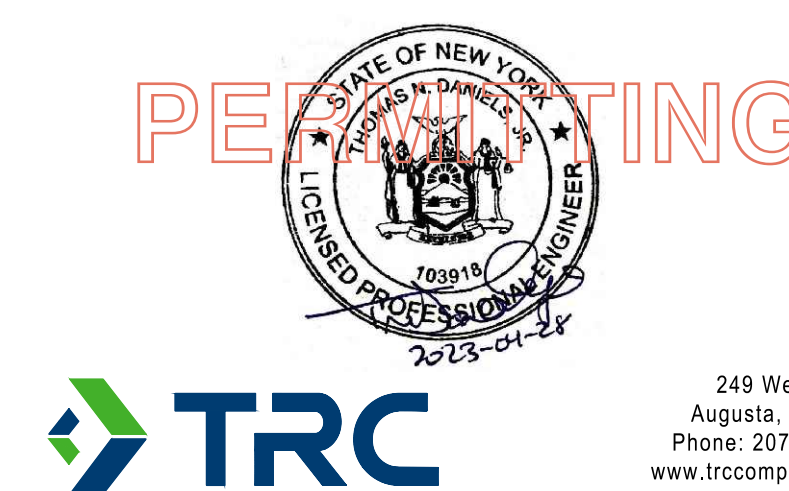
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NOTE: THESE PLANS ARE ACCOMPANIED BY PERMIT APPLICATIONS OF THE SAME TITLE. THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED TOGETHER. THESE DOCUMENTS ARE INTENDED TO BE USED FOR PERMITTING PURPOSES ONLY.

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.



2436 -- USER: Tdnpk -- ATTACHED FILES -- ATTACHED IMAGES: D:\S&S\NY - Wappinger Falls_2019027_TL.dwg, page 001, hwnv20230203.dwg
DRAWING NAME: \\augusta-fp1\environmental\RMD\env_rmd_projects\lightstar renewables\lc4488729 - old_myers solar - wappinger_ny\10-DWG\488729 - G SHEETS.dwg --- PLOT DATE: April 28, 2023 - 1:43PM --- LAYOUT: G-02 GENERAL NOTES & LEGEND
Version: 2017-10-21

GENERAL NOTES

SURVEY NOTES:

- PROPERTY BOUNDARY AND TOPOGRAPHIC INFORMATION, AND EXISTING CONDITIONS SHOWN ON THESE PLANS ARE BASED UPON ON-THE-GROUND SURVEY COMPLETED BY CORNER POST LAND SURVEYING, PLLC AS PROVIDED IN A PLAN ENTITLED "ALTANSPS LAND TITLE SURVEY, PREPARED FOR LIGHTSTAR RENEWABLES LLC, SITUATE IN THE TOWN OF WAPPINGER, DUTCHESS COUNTY, NEW YORK" DATED AUGUST 12, 2022. PROVIDED BY AND USED WITH PERMISSION FROM LIGHTSTAR RENEWABLES, LLC. HORIZONTAL DATUM IS NAD83 NEW YORK STATE PLAN, EAST ZONE, FEET.
- WETLAND DELINEATION WAS PERFORMED BY TRC IN JUNE OF 2022, LOCATED USING MAPPING GRADE GPS UNITS, AND ARE DESCRIBED IN A REPORT ENTITLED "WETLAND DELINEATION REPORT, OLD MEYERS SOLAR PROJECT" DATED AUGUST 2022.
- ZONING BOUNDARY INFORMATION OBTAINED IS BASED ON THE ZONING MAP OF THE TOWN OF WAPPINGER, DUTCHESS COUNTY, NY, DATE OF LAST AMENDMENT OCTOBER 26, 2021.
- SOILS INFORMATION FROM USDA-NRCS WEB SOIL SURVEY DUTCHESS COUNTY, NY.
- FLOOD ZONE CLASSIFICATION: SITE LIES OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN (ZONE X); AS SHOWN ON MAP NUMBERED 36027C0457E, WITH A EFFECTIVE DATE OF MAY 2, 2012.

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 DISCHARGE POLLUTANT ELIMINATION SYSTEM GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-0-20-001).

REMOVAL NOTES:

- TREES, STUMPS, ROOT BALLS, AND OTHER VEGETATION MAY BE PROCESSED BY THE USE OF CHIPPING MACHINES OR STUMP GRINDER AND USED AS REQUIRED FOR EROSION CONTROL. MAX. 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.
- 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. THE CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO THE PROPER REMOVAL AND DISPOSAL OF HAZARDOUS SUBSTANCES.
- 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:

WORK WILL BE CARRIED OUT NEAR AND UNDER ENERGIZED EQUIPMENT. EXTREME CAUTION IS REQUIRED AT ALL TIMES. THE CONTRACTOR SHALL STRICTLY FOLLOW OWNER'S SAFETY REQUIREMENTS. FAILURE TO DO SO WILL RESULT IN TERMINATION.

EARTHWORK:

UNLESS INDICATED OTHERWISE REFER TO THE LATEST EDITION OF THE STATE OF NEW YORK, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION (NYSDOT SPEC) 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 THE PERMITTING REQUIREMENTS, THE PROJECT SWPPP, AND OTHER REQUIREMENTS AS IDENTIFIED BY LOCAL AND STATE AUTHORITIES. THE PLAN SHALL SHOW THAT ACTIVE LAND DISTURBANCE WILL BE LIMITED TO LESS THAN FIVE (5) CONTIGUOUS ACRES AND SHALL ADEQUATELY DISCUSS, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS:

- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES AS OUTLINED IN THE PROJECT SWPPP OR AS DIRECTED BY THE OWNER.
- PRIOR TO COMMENCING ONSITE EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL ESTABLISH THE CONSTRUCTION WORKSPACE LIMITS AND IDENTIFY AND MARK SENSITIVE RESOURCES.
- THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES (BMPs) IN ORDER TO PROTECT DOWN GRADIENT AREAS. WHERE APPROPRIATE, DIVERSION BMPs SHALL BE IMPLEMENTED TO DIRECT RUNOFF FROM UPGRADIENT AREAS AROUND THE PROJECT SITE.
- AFTER PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES WITHIN THE CURRENT PHASE OF WORK ARE INSTALLED AND FUNCTIONING, THE CONTRACTOR SHALL OBTAIN OWNER APPROVAL BEFORE BEGINNING EARTHWORK IN THE SUBSEQUENT PHASE.

DECOMPACTION PRACTICE AND SOIL RESTORATION NOTES

THE CONTRACTOR SHALL REFER TO NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS "GUIDELINES FOR SOLAR ENERGY PROJECTS - CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS," REVISED OCTOBER 18, 2019 FOR DECOMPACTION PRACTICE AND SOIL RESTORATION. THE PRACTICE SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS:

- BEFORE ANY TOPSOIL IS STRIPPED, REPRESENTATIVE SOIL SAMPLES SHOULD BE OBTAINED FROM THE AREAS TO BE DISTURBED AND SAMPLING SHOULD BE CONSISTENT WITH CORNELL UNIVERSITY'S SOIL TESTING GUIDELINES. THE RESULTS ARE TO ESTABLISH A BENCHMARK WITH THE SOIL'S NUTRIENT CHARACTERISTICS TO BE MEASURED AGAINST UPON RESTORATION.
- STRIPPED TOPSOIL SHOULD BE STOCKPILED FROM WORK AREAS AND KEPT SEPARATE FROM OTHER EXCAVATED MATERIAL.
- POSTPONE ANY RESTORATION PRACTICES UNTIL FAVORABLE (WORKABLE, RELATIVELY DRY) TOPSOIL/SUBSOIL CONDITIONS EXIST. RESTORATION MUST NOT BE CONDUCTED WHILE SOILS ARE IN A WET OR PLASTIC STATE OF CONSISTENCY. STOCKPILED TOPSOIL MUST NOT BE REGRADED, AND SUBSOIL MUST NOT BE DECOMPACTED UNTIL PLASTICITY, AS DETERMINED BY THE ATTERBERG FIELD TEST, IS ADEQUATELY REDUCED. NO PERMANENT PROJECT RESTORATION ACTIVITIES SHALL OCCUR IN AGRICULTURAL AREAS BETWEEN THE MONTHS OF OCTOBER THROUGH MAY UNLESS FAVORABLE SOIL MOISTURE CONDITIONS EXIST.
- COMPACTION TESTS WILL BE MADE AT REGULAR INTERVALS OF DISTANCE THROUGHOUT THE ACCESS OR WORK AREAS, INCLUDING EACH SOIL TYPE IDENTIFIED ON THE AFFECTED AGRICULTURAL AREAS. WHERE REPRESENTATIVE SOIL DENSITY OF THE AFFECTED AREA EXCEEDS THE REPRESENTATIVE SOIL DENSITY OF THE UNAFFECTED AREAS, ADDITIONAL DECOMPACTION MAY BE REQUIRED.
- NO PROJECT RESTORATION ACTIVITIES SHALL OCCUR IN AGRICULTURAL AREAS BETWEEN THE MONTHS OF OCTOBER THROUGH MAY UNLESS FAVORABLE SOIL MOISTURE CONDITIONS EXIST. IF AREAS ARE TO BE RESTORED AFTER OCTOBER 1ST, NECESSARY PROVISIONS MUST BE MADE TO PREVENT POTENTIAL SPRINGTIME EROSION, AS WELL AS RESTORE ANY ERODED AREAS IN THE SPRINGTIME, TO ESTABLISH PROPER GROWTH.

NRCS SOILS TABLE

ID	NAME	SLOPE RANGE	HYDROLOGIC SOIL GROUP
Ca	CANANDAIGUA SILT LOAM, NEUTRAL SUBSTRATUM	0 - 3%	C/D
DwB	DUTCHESS-CARDIGAN COMPLEX, UNDULATING, ROCKY	1 - 6%	C
DwC	DUTCHESS-CARDIGAN COMPLEX, ROLLING, ROCKY	5 - 16%	C
HsB	HOOSIC GRAVELLY LOAM, UNDULATING	1 - 6%	A
Wy	WAYLAND SILT LOAM	0 - 3%	C/D

LEGEND

	PROJECT PROPERTY BOUNDARY
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING UNPAVED ROAD
	EXISTING FENCE
	EXISTING BUILDING
	EXISTING SPOT ELEVATION
	EXISTING TREES AND/OR BRUSH
	EXISTING CULVERT
	EXISTING OVERHEAD ELECTRIC
	EXISTING UTILITY POLE
	DELINEATED WETLAND: NYSDEC JURISDICTION
	NYSDEC 100-FOOT WETLAND BUFFER
	DELINEATED WETLAND: USACE JURISDICTION ONLY
	LOCAL 100-FOOT WETLAND BUFFER
	DELINEATED STREAM
	LIMITS OF DISTURBANCE
	PROPOSED PERVIOUS HAUL ROAD
	PROPOSED PAVED DRIVEWAY APRON
	PROPOSED VEGETATED MAINTENANCE PATH
	PROPOSED TREE LINE
	PROPOSED CHAIN LINK FENCE
	PROPOSED OVERHEAD ELECTRIC LINE AND POLE
	PROPOSED UNDERGROUND COLLECTION LINE
	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
	PROPOSED EQUIPMENT PAD
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED SILT FENCE

ZONING REQUIREMENTS






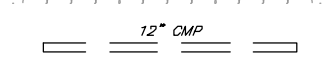

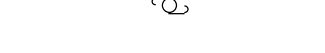






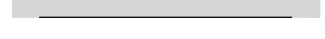


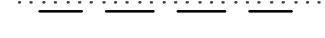

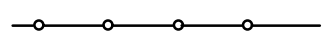


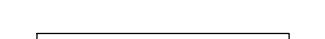

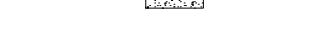
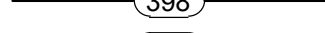
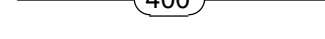

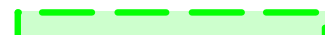


TOWN OF WAPPINGER ZONING INFO		DIMENSIONAL STANDARDS			
		REQUIREMENT ORIGIN	DIMENSION	REQUIRED	PROVIDED
SITE ZONING CLASSIFICATION:	R-80 RESIDENTIAL - ONE-FAMILY RESIDENCE DISTRICT	DIMENSIONAL REGULATIONS - RESIDENTIAL DISTRICTS TOWN OF WAPPINGER ZONING ATTACHMENT 240-3	FRONT LOT LINE SETBACK (FEET)	75	78
			SIDE LOT LINE SETBACK (FEET)	40	40
REAR LOT LINE SETBACK (FEET)	50		2,203		
MAXIMUM IMPERVIOUS AREA OCCUPYING SITE (%)	15		<1		
PANEL COVERAGE AREA (SQUARE FEET)	161,537 (10% OF LOT AREA)		152,072 (9.41% OF LOT AREA)		
ARRAY POST/PILE COVERAGE AREA (SQUARE FEET)	-		710 (0.5% OF LOT AREA)		
OVERLAY & FLOATING DISTRICTS:	NONE		GROUND-MOUNTED SOLAR ENERGY SYSTEMS CODE § 240-57		

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

SEAL:		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.		
3	TRC	04/28/2023	REVISED PER TOWN COMMENTS	TND
2	GMT	04/20/2023	REVISED LANDSCAPING	TND
1	JRP	03/22/2023	REVISED PER TOWN COMMENTS	TND
0	JRP	02/02/2023	ISSUED FOR PERMITTING	TND
NO.	BY	DATE	REVISION	APPD.
PROJECT: NY SOLAR 1001 LLC OLD MEYERS SOLAR PROJECT MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY				
TITLE: GENERAL NOTES & LEGEND				
DRAWN BY: JRP		PROJ. NO.: 488729		
CHECKED BY: TND		G-02		
APPROVED BY: TND				
DATE: APRIL 2023				
		249 Western Ave Augusta, ME 04330 Phone: 207.621.7000 www.trccompanies.com		
FILE NO.:		488729 - G SHEETS.dwg		

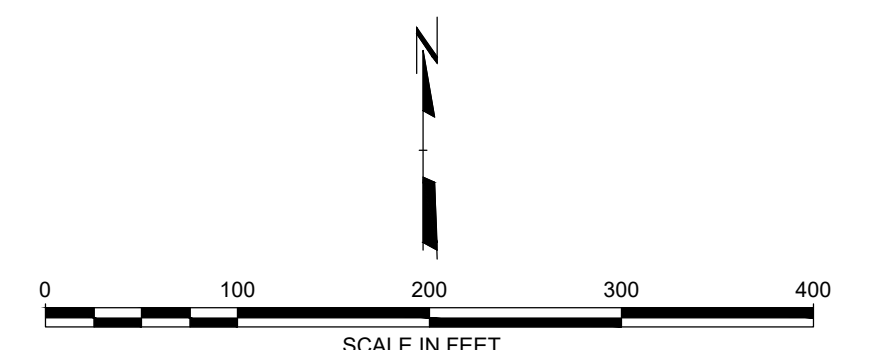


LEGEND

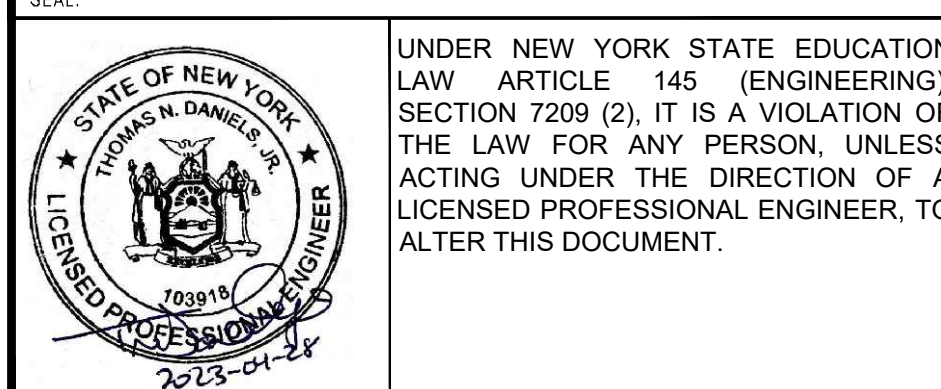
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|---|--|
|  | PROJECT PROPERTY BOUNDARY |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | EXISTING UNPAVED ROAD |
|  | EXISTING FENCE |
|  | EXISTING BUILDING |
|  | EXISTING SPOT ELEVATION |
|  | EXISTING TREES AND/OR BRUSH |
|  | EXISTING CULVERT |
|  | EXISTING OVERHEAD ELECTRIC |
|  | EXISTING UTILITY POLE |
|  | BUILDING SETBACK |
|  | DELINEATED WETLAND: NYSDEC JURISDICTION |
|  | NYSDEC 100-FOOT WETLAND BUFFER |
|  | DELINEATED WETLAND: USACE JURISDICTION ONLY |
|  | LOCAL 100-FOOT WETLAND BUFFER |
|  | DELINEATED STREAM |
|  | LIMITS OF DISTURBANCE |
|  | PROPOSED PERVIOUS HAUL ROAD |
|  | PROPOSED PAVED DRIVEWAY APRON |
|  | PROPOSED VEGETATED MAINTENANCE PATH |
|  | PROPOSED TREE LINE |
|  | PROPOSED OVERHEAD ELECTRIC LINE AND POLE |
|  | PROPOSED UNDERGROUND COLLECTION LINE |
|  | PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY |
|  | PROPOSED EQUIPMENT PAD |
|  | PROPOSED MINOR CONTOUR |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED SILT FENCE |
|  | PHASE 1: 3.55-ACRES - CLEARING AND GRUBBING |
|  | PHASE 2: 3.36-ACRES - ROAD CONSTRUCTION AND LAND GRADING |

PHASING PLAN NOTES

1. AT NO TIME SHALL THE PROJECT EXCEED 5 ACRES OF DISTURBANCE AT ONE TIME.
2. A NYS LICENSED LAND SURVEYOR MUST IDENTIFY THE LOD PRIOR TO THE START OF CONSTRUCTION WITHIN THE CONSTRUCTION SEQUENCING NOTES.
3. REFER TO "PROJECT CONSTRUCTION SEQUENCING NOTES" ON SHEET G-02.



ISSUED FOR PERMIT
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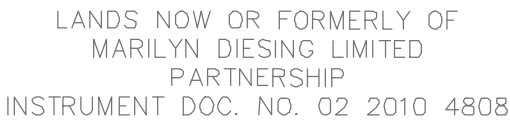
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NO	BY	DATE	REVISION	APPD

PROJECT: NY SOLAR 1001 LLC
OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

TITLE: **EARTH DISTURBANCE PHASING PLAN**

DRAWN BY:	JRP	PROJ. NO.:	488725
CHECKED BY:	TND	<div style="text-align: center; font-size: 24pt; font-weight: bold;">G-04</div>	
APPROVED BY:	TND		
DATE:	APRIL 2023		





**- PROPOSED TREE REMOVAL AND GRUBBING
APPROXIMATELY 3.55-ACRES IN TOTAL**

LANDS NOW OR FORMERLY OF
DIESING FAMILY LIMITED PARTNERSHIP
INSTRUMENT DOC. NO. 02 2010 4806

LANDS NOW OR FORMERLY OF
SEAN THOMPSON
INSTRUMENT DOC. NO. 02 2019 4461
(T.M. NO. 135689-6258-03-376432)

EXISTING DIRT FIELD ROAD TO BE DEMOLISHED WITHIN LIMITS OF PROPOSED ARRAY AREA. SCARIFY SURFACE AND STABILIZE WITH LOAM, SEED, AND MULCH

ANDS NOW OR FORMERLY OF
EDWARD R. DIESING
K 1736 OF DEEDS AT PAGE 507

* DEED REFERENCE
NO. 1 APPEARS TO
HAVE SOME LANDS
SOUTH OF OLD
MYERS CORNERS
ROAD, BEING A PART
OF TAX MAP LOT NO.
472305.
{OLD DESCRIPTION}

The site plan includes several key features:

- PROJECT PROPERTY BOUNDARY**: Indicated by a solid black line at the top.
- EXISTING MAJOR CONTOUR**: Represented by a dashed line labeled "390".
- EXISTING MINOR CONTOUR**: Represented by short-dashed lines below the major contour.
- EXISTING UNPAVED ROAD**: Shown as two parallel dashed lines.
- EXISTING FENCE**: A rectangular area with diagonal hatching.
- EXISTING BUILDING**: A simple rectangular outline.
- EXISTING SPOT ELEVATION**: Labeled as "x415.7" near a specific point on the building footprint.
- EXISTING TREES AND/OR BRUSH**: Represented by a series of small circles along a horizontal line.
- EXISTING CULVERT**: A horizontal line segment labeled " $12'' \text{ CMP}$ ".
- EXISTING OVERHEAD ELECTRIC**: Two horizontal lines with cross-ticks, labeled "OE" at both ends.
- EXISTING UTILITY POLE**: A vertical line segment labeled "Q₂" at its base.
- BUILDING SETBACK**: Indicated by pink dashed lines at the bottom of the plan.

-
- Legend:
- DELINEATED WETLAND: NYSDEC JURISDICTION
 - NYSDEC 100-FOOT WETLAND BUFFER
 - DELINEATED WETLAND: USACE JURISDICTION ONLY
 - LOCAL 100-FOOT WETLAND BUFFER
 - DELINEATED STREAM
 - LOD — LIMITS OF DISTURBANCE
 - SLOPE ANALYSIS: <10%
 - SLOPE ANALYSIS: 10%-15%
 - SLOPE ANALYSIS: >15%
 - TREE REMOVAL: APPROXIMATELY 3.5-ACRES

1. ALL TREE CLEARING MUST OCCUR BETWEEN NOVEMBER 1 AND MARCH 31.

1. IT IS THE INTENT OF THESE PLANS THAT THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION TO THE MAXIMUM EXTENT PRACTICAL.
2. EXISTING CONDITIONS AS SHOWN HEREIN ARE BASED UPON BOUNDARY AND TOPOGRAPHIC SURVEYS PREPARED BY OTHERS. REFER TO PLAN REFERENCE NOTES ON SHEET G-02.



UNDER NEW YORK STATE EDUCATION
LAW ARTICLE 145 (ENGINEERING),
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PROJECT: NY SOLAR 1001 LLC
OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

EXISTING CONDITIONS & SITE PREPARATION PLAN

DRAWN BY:	JRP	PROJ. NO.:	488729
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CHECKED BY:	TND
APPROVED BY:	TND

APPROVED BY:	IND	C-100
DATE:	APRIL 2022	

DATE:	APRIL 2023

TTG 249 Western Ave.
Augusta, ME 04330

Augusta, ME 04330
Phone: 207.621.7000


www.trccompanies.com

FILE NO.: 488729 - EXISTING.dwg

24x36 USER: D:\Users\jthomson\OneDrive\Documents\Projects\488729 - PROPOSED.dwg -- PLOT DATE: April 28, 2023 - 1:46PM -- LAYOUT: C-200 OVERALL SITE LAYOUT PLAN
DRAWING NAME: \\augusta-bj1\environmental\RD\env_rmd\projects\lightstar_renewables\lca\488729 - old myers solar - wappinger.nv10-dwg\488729 - PROPOSED.dwg -- PLOT DATE: April 28, 2023 - 1:46PM -- LAYOUT: C-200 OVERALL SITE LAYOUT PLAN
Version: 2017-10-21

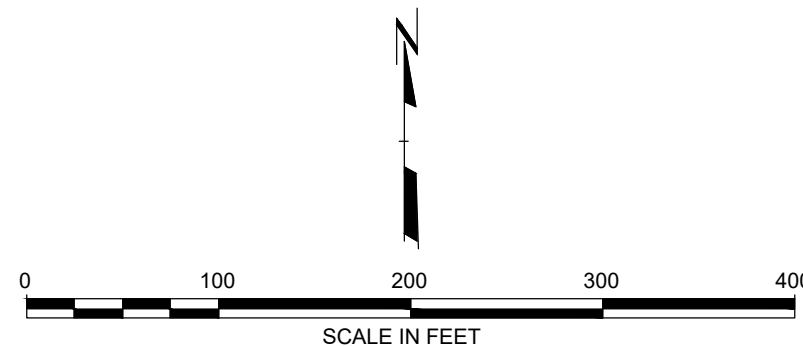


LEGEND

	PROJECT PROPERTY BOUNDARY
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING UNPAVED ROAD
	EXISTING FENCE
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	PROPOSED PERVIOUS HAUL ROAD
	PROPOSED PAVED DRIVEWAY APRON
	PROPOSED VEGETATED MAINTENANCE PATH
	PROPOSED TREE LINE
	PROPOSED CHAIN LINK FENCE
	PROPOSED OVERHEAD ELECTRIC LINE AND POLE
	PROPOSED UNDERGROUND COLLECTION LINE
	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
	PROPOSED EQUIPMENT PAD

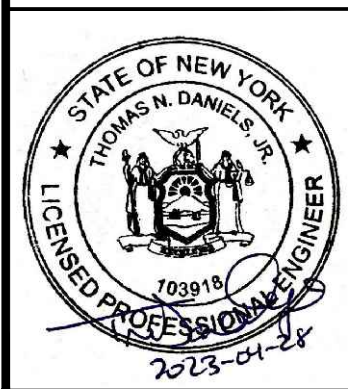
SYSTEM INFORMATION

RACKING TYPE	2P SINGLE-AXIS TRACKER
MODULE TYPE	MAVertex TSM-DEG20C.20
MODULE WATTAGE	600 W
STRING LENGTH	32 MODS
SINGLE STRING TRACKERS	16
DOUBLE STRING TRACKERS	70
TOTAL NUMBER OF MODULES	4,992
TOTAL OUTPUT	2,995 MW DC



ISSUED FOR PERMIT
NOT FOR CONSTRUCTION

SEAL:



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.

3	TRC	04/28/2023	REVISED PER TOWN COMMENTS	TND
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1	JRP	03/22/2023	REVISED PER TOWN COMMENTS	TND
0	JRP	02/02/2023	ISSUED FOR PERMITTING	TND
NO.	BY	DATE	REVISION	APPD.

PROJECT: NY SOLAR 1001 LLC
OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

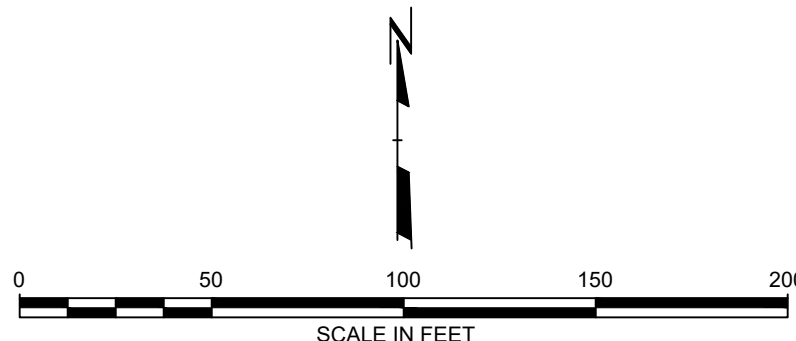
TITLE: OVERALL SITE LAYOUT PLAN	
DRAWN BY: JRP	PROJ. NO.: 488729
CHECKED BY: TND	
APPROVED BY: TND	C-200
DATE: APRIL 2023	

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FILE NO.: 488729 - PROPOSED.dwg

	PROJECT PROPERTY BOUNDARY
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING UNPAVED ROAD
	EXISTING FENCE
	EXISTING BUILDING
	EXISTING SPOT ELEVATION
	EXISTING TREES AND/OR BRUSH
	EXISTING CULVERT
	EXISTING OVERHEAD ELECTRIC
	EXISTING UTILITY POLE
	BUILDING SETBACK
	DELINEATED WETLAND: NYSDEC JURISDICTION
	NYSDEC 100-FOOT WETLAND BUFFER
	DELINEATED WETLAND: USACE JURISDICTION ONLY
	LOCAL 100-FOOT WETLAND BUFFER
	DELINEATED STREAM
	LIMITS OF DISTURBANCE
	PROPOSED PERVIOUS HAIL ROAD
	PROPOSED PAVED DRIVEWAY APRON
	PROPOSED VEGETATED MAINTENANCE PATH
	PROPOSED TREE LINE
	PROPOSED CHAIN LINK FENCE
	PROPOSED OVERHEAD ELECTRIC LINE AND POLE
	PROPOSED UNDERGROUND COLLECTION LINE
	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
	PROPOSED EQUIPMENT PAD
	PROPOSED MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED SILT FENCE

1. AT NO TIME SHALL THE PROJECT EXCEED 5 ACRES OF DISTURBANCE AT ONE TIME.
2. A NYS LICENSED LAND SURVEYOR MUST IDENTIFY THE LOD PRIOR TO THE START OF CONSTRUCTION WITHIN THE CONSTRUCTION SEQUENCING NOTES.
3. REFER TO "PROJECT CONSTRUCTION SEQUENCING NOTES" ON SHEET G-02.



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NO.	BY	DATE	REVISION	APP'D.

PROJECT: NY SOLAR 1001 LLC
OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

SITE GRADING & DRAINAGE PLAN - SOUTH

DRAWN BY:	JRP	PROJ. NO.:	488729
CHECKED BY:	TND	C-201	
APPROVED BY:	TND		
DATE:	APRIL 2023		



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LANDS NOW OR FORMERLY OF
WAPPINGERS RE, LLC
INSTRUMENT DOC. NO. 02 2009 7082

LANDS NOW OR FORMERLY OF
WAPPINGERS RE, LLC
INSTRUMENT DOC. NO. 02 2009 7082

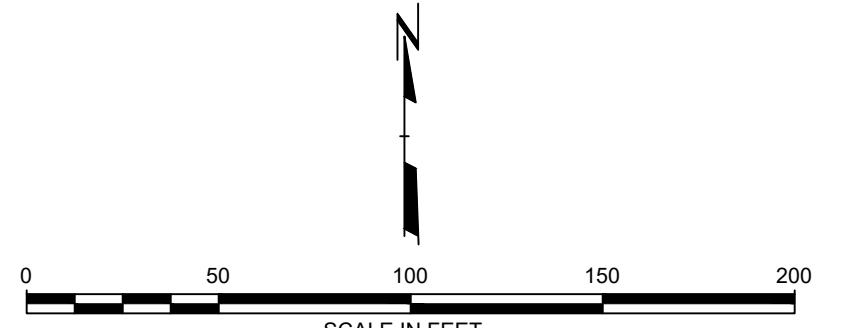
LANDS NOW OR FORMERLY OF
165 MYERS CORNERS
PROPERTY OWNER, LLC
INSTRUMENT DOC. NO. 02 2022
51655

LEGEND

- PROJECT PROPERTY BOUNDARY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING UNPAVED ROAD
- EXISTING FENCE
- EXISTING BUILDING
- EXISTING SPOT ELEVATION
- EXISTING TREES AND/OR BRUSH
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRIC
- EXISTING UTILITY POLE
- BUILDING SETBACK
- DELINEATED WETLAND: NYSDEC JURISDICTION
- NYSDEC 100-FOOT WETLAND BUFFER
- DELINEATED WETLAND: USACE JURISDICTION ONLY
- LOCAL 100-FOOT WETLAND BUFFER
- DELINEATED STREAM
- LOD
- LIMITS OF DISTURBANCE
- PROPOSED PERVIOUS HAUL ROAD
- PROPOSED PAVED DRIVEWAY APRON
- PROPOSED VEGETATED MAINTENANCE PATH
- PROPOSED TREE LINE
- PROPOSED CHAIN LINK FENCE
- PROPOSED OVERHEAD ELECTRIC LINE AND POLE
- PROPOSED UNDERGROUND COLLECTION LINE
- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
- PROPOSED EQUIPMENT PAD
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED SILT FENCE

PHASING NOTES

- AT NO TIME SHALL THE PROJECT EXCEED 5 ACRES OF DISTURBANCE AT ONE TIME.
- A NYS LICENSED LAND SURVEYOR MUST IDENTIFY THE LOD PRIOR TO THE START OF CONSTRUCTION WITHIN THE CONSTRUCTION SEQUENCING NOTES
- REFER TO "PROJECT CONSTRUCTION SEQUENCING NOTES" ON SHEET G-02.



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NO.	BY	DATE	REVISION	APPD.

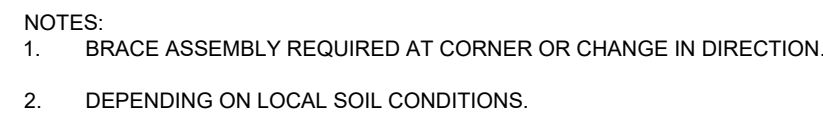
PROJECT: NY SOLAR 1001 LLC
OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

TITLE: SITE GRADING & DRAINAGE PLAN - NORTH

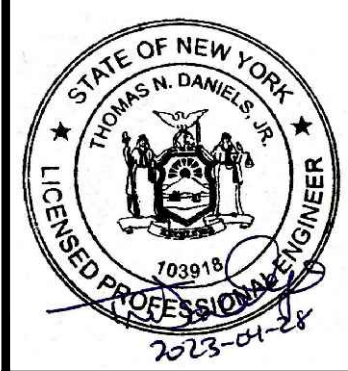
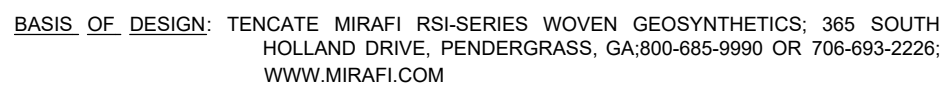
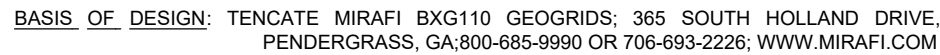
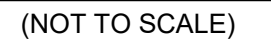
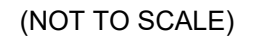
DRAWN BY:	JRP	PROJ. NO.:	488729
CHECKED BY:	TND		
APPROVED BY:	TND		C-202
DATE:	APRIL 2023		

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(NOT TO SCALE)



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NO.	BY	DATE	REVISION	APP'D.

PROJECT: **NY SOLAR 1001 LLC**

OLD MYERS SOLAR PROJECT
MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY

TITLE: **CIVIL CONSTRUCTION DETAILS**

DRAWN BY:	JRP	PROJ. NO.:	488729
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CHECKED BY:	TND
APPROVED BY:	TND

APPROVED BY:	IND	C-400
DATE:	APRIL 2023	

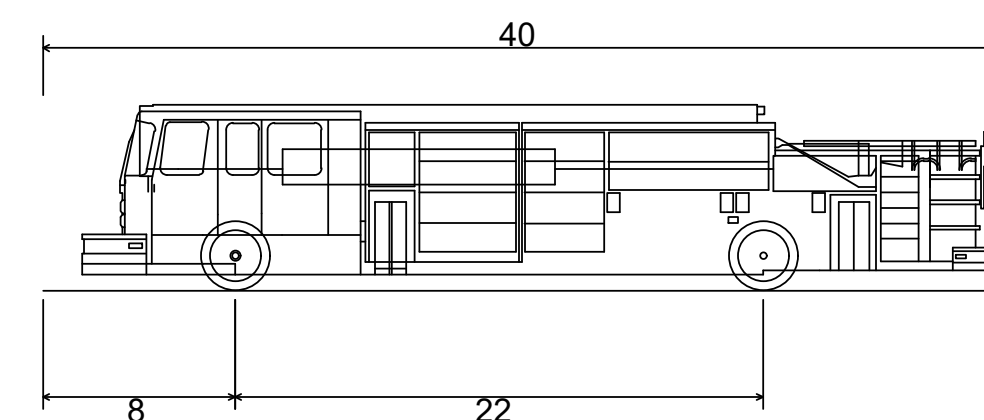
DATE:	APRIL 2023

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Augusta, ME 04330

Augusta, ME 04330
Phone: 207.621.7000


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Pumper Fire Truck
Overall Length
Overall Width
Overall Body Height
Min Body Ground Clearance
Track Width
Lock-to-lock time
Max Wheel Angle

40.000ft
8.167ft
7.745ft
0.656ft
8.167ft
5.00s
45.00°

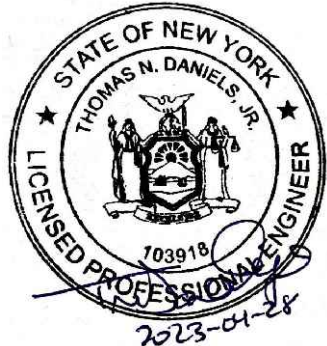

1
C201

VEHICLE TURNING MOVEMENT EXHIBIT

SCALE: 1"=20'

4/26/2023 10:43:36 AM --- USER ID: nldm1 --- ATTACHED XREFS: 488729 - PROPOSED --- Xref_NaturalResources - Revised --- ATTACHED IMAGES: KNOX BOX: nldm1\20230420
JOURNALLING NAME: \\augusta-fp1\environmental\RMDenvrmd\projects\lightstar_renewables\lc488729 - old myers solar - wappinger, nv10-DWG\488729 - DT.dwg --- PLOT DATE: April 28, 2023 - 1:47PM --- LAYOUT: C-401

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NOT FOR CONSTRUCTION

<div style="text-align: center;">  <p>703916 2023-01-28</p> </div>		<p>UNDER NEW YORK STATE ENGINEERING LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.</p>			
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NO.		BY	DATE	REVISION	APP'D.
<p>PROJECT: NY SOLAR 1001 LLC OLD MYERS SOLAR PROJECT MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY</p>					
<p>TITLE: CIVIL CONSTRUCTION DETAILS</p>					
DRAWN BY:		JRP	PROJ. NO.:		488729
CHECKED BY:		TND	<p>C-401</p>		
APPROVED BY:		TND			
DATE:		APRIL 2023			
			<p>249 Western Ave Augusta, ME 04330 Phone: 207.621.7000 www.trccompanies.com</p>		
FILE NO.:			488729 - DT.dwg		

1. THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
2. THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF (1) ONE YEAR AFTER SUBstantial COMPLETION AND ACCEPTANCE BY THE OWNER. CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. MAINTENANCE RESPONSIBILITIES INCLUDE INVASIVE SPECIES MONITORING, REMOVAL, AND SUPPLEMENTATION. MONITORING OF THE PROJECT SITE SHALL OCCUR IN THE SPRING AND THE FALL. TO DETERMINE THE PRESENCE OF INVASIVE SPECIES, SHOULD ANY INVASIVE SPECIES BE IDENTIFIED WITHIN THE PROJECT SITE, THE INVASIVE SPECIES SHALL BE REMOVED ACCORDING TO METHODS MOST LIKELY TO BE EFFECTIVE IN CONTROLLING THAT SPECIES AND SUPPLEMENTING ITS REPLACEMENT WITH APPROPRIATE VEGETATION AND SEED MIX IDENTIFIED (AND APPROVED) ON THIS PLAN AND/OR AN APPROVED ECHO. ADDITIONAL MAINTENANCE RESPONSIBILITIES INCLUDE: APPROVED CULTIVATING, SPRAYING, WEEDING, WATERING, TIGHTENING OF TREE STRAP GUYS, PRUNING, FERTILIZING, MULCHING, AND ANY OTHER OPERATIONS NECESSARY TO MAINTAIN PLANT VIABILITY. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND CONTINUE UNTIL 90 DAYS AFTER FINAL ACCEPTANCE. WATERING OF THE LANDSCAPE BUFFER AREAS SHALL BE IMPLEMENTED BY THE USE OF A WATERING TRUCK.
3. THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
4. THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL.
5. ALL SHRUB MASSING AREAS SHALL BE MULCHED TO A DEPTH OF 2" WITH SHREDDED HARDWOOD BARK MULCH.
6. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE CONTRACTOR. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED AS PER THE DETAIL. SEE LANDSCAPING PLAN(S) FOR PLANTING DETAILS.
7. COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
8. LANDSCAPE PLANTING PITS MUST BE FREE DRAINING, PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER IN DIAMETER AND ANY OTHER MATERIAL HARMFUL TO PLANT GROWTH AND DEVELOPMENT. PLANTING INSTALLATION SHALL BE AS DETAILED AND CONTAIN PLANTING MIX AS SPECIFIED UNLESS RECOMMENDED OTHERWISE BY SOIL ANALYSIS.

TREES, AND SHRUBS; TREES AND SHRUBS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED AND HARDY UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCATION OF THE PROJECT. THEY SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL HABIT OF GROWTH. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, WELL-BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. THEY SHALL BE FREE OF DISEASE, INSECT PESTS, EGGS OR LARVAE. THEY SHALL HAVE HEALTHY AND WELL-DEVELOPED ROOT SYSTEMS. ALL TREES SHALL HAVE STRAIGHT SINGLE TRUNKS WITH THEIR MAIN LEADER INTACT. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, LANDSCAPE ARCHITECT SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL TREES AND SHRUBS SHALL BE MULCHED IN ACCORDANCE WITH THE RESPECTIVE PLANTING DETAIL(S) PROVIDED IN THE LANDSCAPING PLAN.

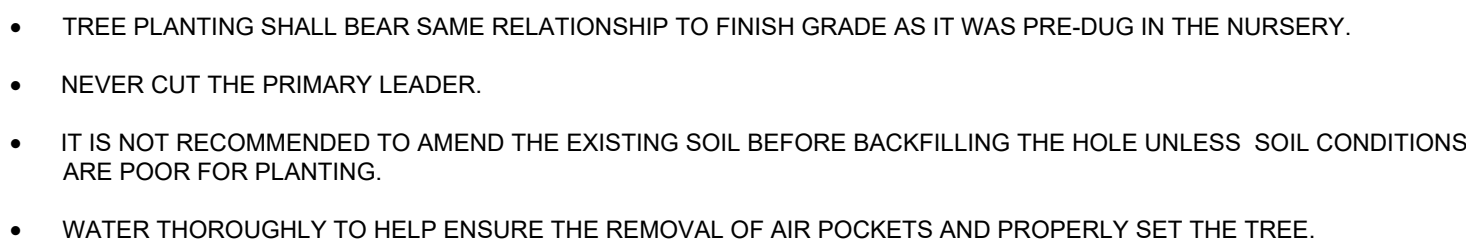
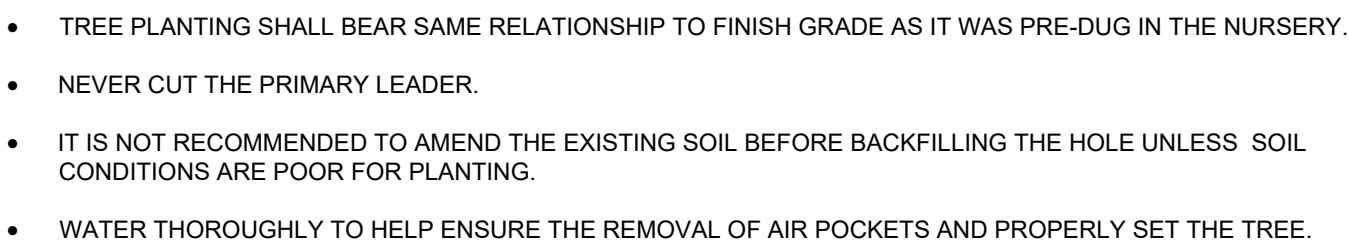
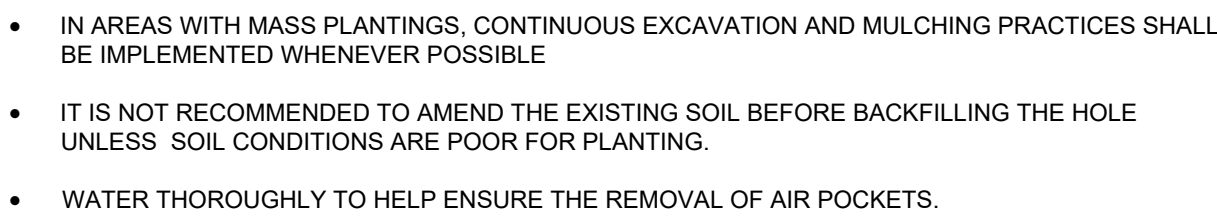
- ALL PRUNING SHALL CONFORM TO THE TREE CARE INDUSTRY ASSOCIATION (TCIA) ANSI A300 (PART 1) - 2017 PRUNING STANDARDS. PRUNING STANDARDS SHALL RECOGNIZE BUT, ARE NOT LIMITED TO, THE FOLLOWING PRUNING OBJECTIVES: MANAGE RISK, MANAGE HEALTH, DEVELOP STRUCTURE, PROVIDE CLEARANCE, MAINTAIN SIZE OR SHAPE, IMPROVE AESTHETICS, MANAGE PRODUCTION OF FRUIT, FLOWERS, OR OTHER PRODUCTS, AND/OR MANAGE WILDLIFE HABITAT. DEVELOPING STRUCTURE SHALL IMPROVE BRANCH AND TRUNK ARCHITECTURE; PROMOTE OR SUBORDINATE CERTAIN LEADERS, STEMS, OR BRANCHES; PROMOTE DESIRABLE BRANCH SPACING; PROMOTE OR DISCOURAGE GROWTH IN A PARTICULAR DIRECTION (DIRECTIONAL PRUNING); MINIMIZE FUTURE INTERFERENCE WITH TRAFFIC, LINES OF SIGHT, INFRASTRUCTURE, OR OTHER PLANTS; RESTORE PLANTS FOLLOWING DAMAGE; AND/OR REJUVENATE SHRUBS. PROVIDING CLEARANCE SHALL ENSURE SAFE AND RELIABLE UTILITY SERVICES; MINIMIZE CURRENT INTERFERENCE WITH TRAFFIC, LINES OF SITE, INFRASTRUCTURE, OR OTHER PLANTS; RAISE CROWN(S) FOR MOVEMENT OF TRAFFIC OR LIGHT PENETRATION; ENSURE LINES OF SIGHT OR DESIRED VIEWS; PROVIDE ACCESS TO SITES, BUILDINGS, OR OTHER STRUCTURES; AND/OR COMPLY WITH REGULATIONS.
- TOPSOIL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 4 INCHES. CONTRACTOR SHALL SUBMIT TOPSOIL TO A CERTIFIED TESTING LABORATORY TO DETERMINE PH, FERTILITY, ORGANIC CONTENT AND MECHANICAL COMPOSITION. THE CONTRACTOR SHALL SUBMIT THE TEST RESULTS FROM REGIONAL EXTENSION OFFICE OF USDA TO THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. CONTRACTOR SHALL INCORPORATE AMENDMENTS FOR GOOD PLANT GROWTH AND PROPER SOIL ACIDITY RECOMMENDED FROM THE TOPSOIL TEST.
- NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS/GRASSES AND PLANTINGS FROM ESTABLISHING PROPERLY.
- IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL APPLICABLE STANDARDS, REQUIREMENTS, AND/OR REGULATIONS.
- ALL SLOPES GREATER THAN 3:1 RECEIVING A WILDFLOWER, WETLAND, AND/OR GRASS SEEDING MIXTURE SHALL BE COVERED BY EROSION CONTROL BLANKET.
- ALL WILDFLOWERS AND GRASSES SOWNED SHALL BE ALLOWED TO GROW TO THEIR NATURALLY OCCURRING HEIGHTS WHENEVER POSSIBLE. NATIVE WILDFLOWERS AND/OR GRASSES CAN BE MOWED/MAINTAINED (WITHIN ACCEPTABLE AREAS IDENTIFIED AND/OR APPROVED BY APPROPRIATE REGULATORY AGENCIES) AS OFTEN AS NEEDED TO KEEP THE VEGETATION AT A DESIRED AND/OR MANAGEABLE/MANICURED HEIGHT.

NON-NATIVE PLANT SPECIES SHALL NOT TOTAL MORE THAN 50% OF ALL PLANTINGS. INVASIVE SPECIES SHALL NOT BE PERMITTED.

PLANT MATERIALS SHALL NOT INCLUDE MORE THAN 25% OF ANY SINGLE SPECIES. THE PLANTINGS SHALL INCLUDE A MIX OF EVERGREEN AND DECIDUOUS TREES, UNDERSTORY TREES, SHRUBS, AND FLOWERING HERBACEOUS YALR.

ALL PLANT MATERIAL SHALL CONFORM TO THE PLANT SIZE SPECIFICATIONS AS ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK LATEST EDITION.

ALL PLANT MATERIAL SHALL BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE LIFETIME OF THE PROJECT. THE OWNER SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS ACCORDINGLY.



SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOCBERRY	22	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	21	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	5	3'-4' HT.	B&B	19'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	56	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	15	24"-30" HT.	#3/5 CONT.	6'-12' HT.

NOTE: GRASS SEED MIXES ARE COMPRISED OF GRASSES THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABLE FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY THE SOLAR SEED MIX WAS DEVELOPED ESPECIALLY FOR NATIVE GRASS PLANTINGS AROUND SOLAR ARRAY FIELDS AND SHALL BE UTILIZED ACCORDINGLY. THESE GRASSES WILL MATURE OUT TO A HEIGHT OF APPROXIMATELY 2 TO 2 1/2 FEET HIGH. THERE ARE NO WILDFLOWER OR POLLINATOR SEED SPECIES CONTAINED IN THESE NATIVE GRASS SEED MIXES.

FILE NO.: 488729 - LANDSCAPE.dwg

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2406 --USER: Thinker -- ATTACHED SHEETS: 488729 - PROPOSED, Xref Survey, Einfo, Xref Plans/Resource, Revert, Xref Landscaping, Xref Planting Template -- ATTACHED IMAGES: Inlay0230429, Inlay0230429, Inlay0230429
DRAWING NAME: \\augusta-p1\environmental\RD\env mtd projects\lightsar\renewables\ic488729 - old\myers solar - wappinger, ny\10-DWG\488729 - LANDSCAPE.dwg --- PLOT DATE: April 28, 2023 - 1:50PM --- LAYOUT: L-103 LANDSCAPE PLANTING TEMPLATE & SCHEDULES
Version: 2017-10-21

VISUAL MITIGATION PLANTING TEMPLATE - TYPE A

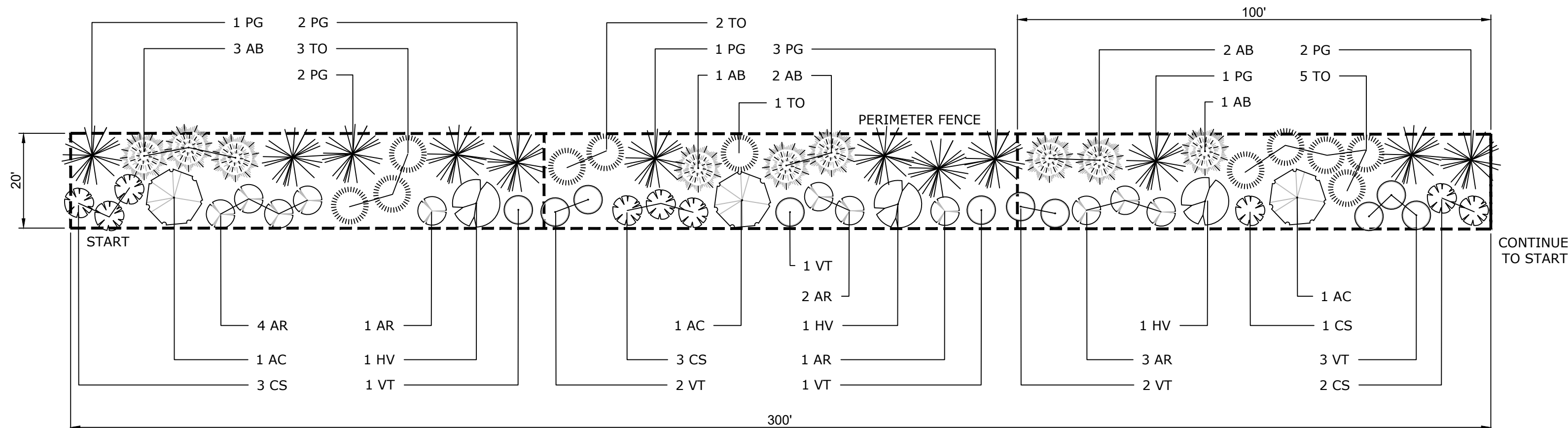
N.T.S.

LEGEND

VISUAL MITIGATION PLANTING TYPE "A":

BUFFER TYPE "A" NOTE:

- SEE GENERAL SEEDING AND LANDSCAPE NOTES FOR ADDITIONAL PLANTING REQUIREMENTS AND SEED MIXTURES.
- THE 20-FOOT-WIDE PROPOSED BUFFER TYPE "A" WILL BE A MIX OF NATIVE EVERGREEN TREES ARRANGED TO FORM A NATURAL APPEARANCE AND CONTINUOUS SOLID SCREEN. SEE THE PLANTING TEMPLATE FOR ARRANGE OF PLANTS AND THE PLANT SCHEDULES FOR TYPE AND SIZE.
- SEE SHEET L102 FOR PLANT MATERIAL TOTALS



LEGEND

VISUAL MITIGATION PLANTING TEMPLATE - TYPE A

LANDSCAPE PLANTING SCHEDULE (TYPICAL VISUAL BUFFER/SCREENING EFFORT)

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AB	ABIES BALSAMEA BALSAM FIR	9	5'-6' HT.	B&B	40'-60' HT.
AC	AMELANCHIER CANADENSIS SERVICEBERRY	3	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	12	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	11	5'-6' HT.	B&B	40'-50' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	11	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	9	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	15'-25' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	10	24"-30" HT.	#3/5 CONT.	6'-12' HT.

VISUAL MITIGATION PLANTING SCHEDULE - TYPE A

LEGEND - VM1

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE A

TOTAL MITIGATION LENGTH = 195 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AB	ABIES BALSAMEA BALSAM FIR	6	5'-6' HT.	B&B	40'-60' HT.
AC	AMELANCHIER CANADENSIS SERVICEBERRY	2	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	9	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	6	5'-6' HT.	B&B	40'-50' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	8	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	6	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	2	3'-4' HT.	B&B	15'-25' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	5	24"-30" HT.	#3/5 CONT.	6'-12' HT.

LEGEND - VM2

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE A

TOTAL MITIGATION LENGTH = 320 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AB	ABIES BALSAMEA BALSAM FIR	10	5'-6' HT.	B&B	40'-60' HT.
AC	AMELANCHIER CANADENSIS SERVICEBERRY	3	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	13	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	11	5'-6' HT.	B&B	40'-50' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	11	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	12	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	15'-25' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	10	24"-30" HT.	#3/5 CONT.	6'-12' HT.

LEGEND - VM3

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE A

TOTAL MITIGATION LENGTH = 45 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AB	ABIES BALSAMEA BALSAM FIR	3	5'-6' HT.	B&B	40'-60' HT.
AC	AMELANCHIER CANADENSIS SERVICEBERRY	1	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	1	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	0	5'-6' HT.	B&B	40'-50' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	3	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	3	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	0	3'-4' HT.	B&B	15'-25' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	0	24"-30" HT.	#3/5 CONT.	6'-12' HT.

VISUAL MITIGATION COORDINATE TABLES

VM1 - COORDINATES

VM1 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L1	TYPE A	195	S31° 46' 49.16"W	E:662428.2633, N:1009184.7249	E:662325.4664, N:1009018.8033

VM2 - COORDINATES

VM2 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L2	TYPE A	159	S30° 18' 29.95"W	E:662287.1175, N:1008976.0602	E:662206.9024, N:1008838.8342
L3	TYPE A	124	S35° 27' 10.92"W	E:662206.9024, N:1008838.8342	E:662134.9374, N:1008737.7680
L4	TYPE A	37	S35° 27' 10.92"W	E:662134.9374, N:1008737.7680	E:662113.5888, N:1008707.7863

VM3 - COORDINATES

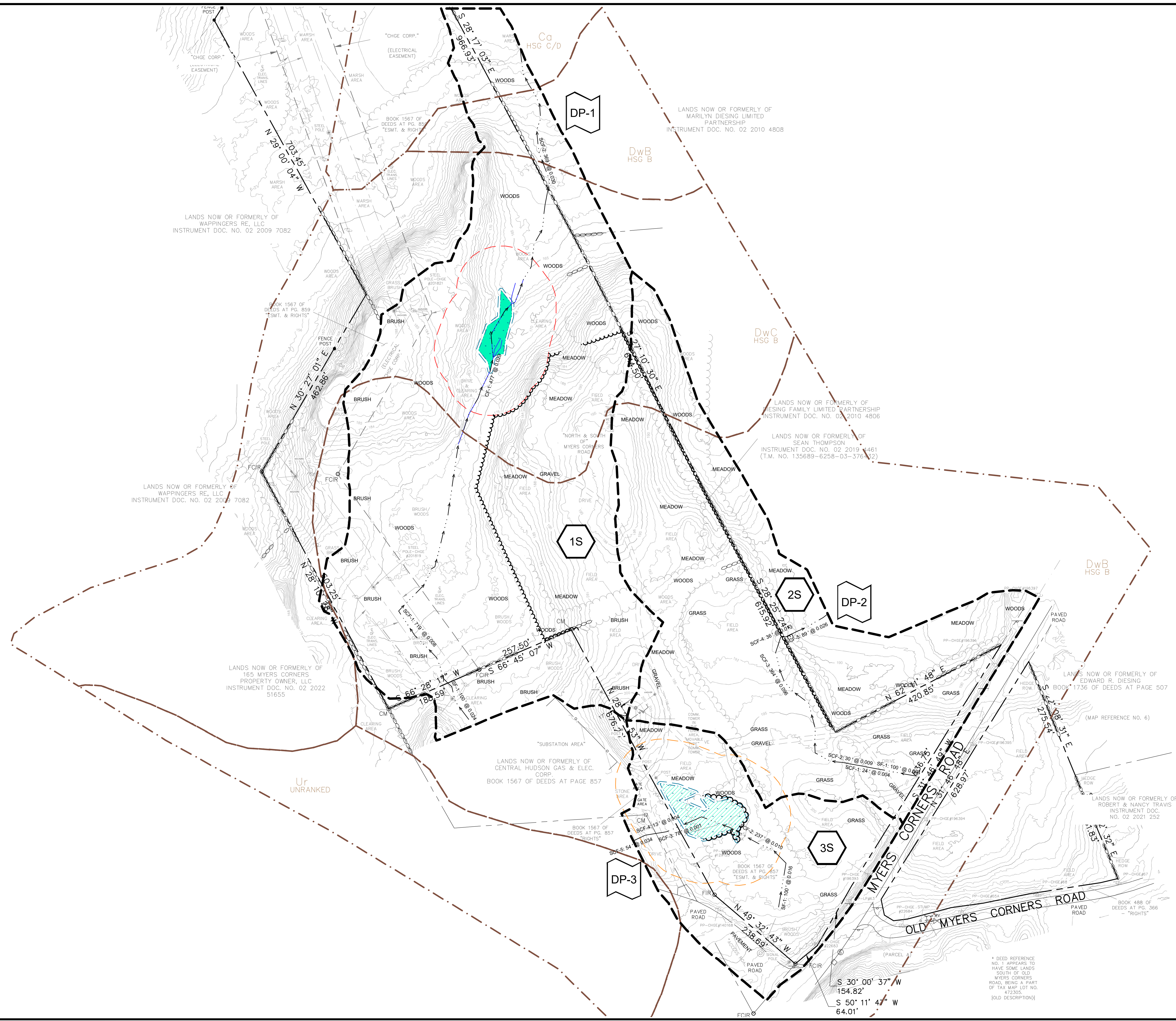
VM3 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L5	TYPE A	22	S35° 27' 10.92"W	E:662086.0590, N:1008669.1240	E:662073.3584, N:1008651.2875
L6	TYPE A	23	N49° 52' 12.46"W	E:662073.3584, N:1008651.2875	E:662055.4709, N:1008666.3662

ISSUED FOR PERMIT
NOT FOR CONSTRUCTION







SEAL:		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.		
3	TRC	04/28/2023	REVISED PER TOWN COMMENTS	TND
2	GMT	04/20/2023	REVISED LANDSCAPING	TND
1	JRP	03/22/2023	REVISED PER TOWN COMMENTS	TND
0	JRP	02/02/2023	ISSUED FOR PERMITTING	TND
NO.	BY	DATE	REVISION	APPD.
PROJECT: NY SOLAR 1001 LLC OLD MYERS SOLAR PROJECT MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY				
TITLE: LANDSCAPE PLANTING TEMPLATE & SCHEDULES				
DRAWN BY: JRP		PROJ. NO.: 488729		
CHECKED BY: TND				
APPROVED BY: TND				L-103
DATE: APRIL 2023				
		249 Western Ave. Augusta, ME 04330 Phone: 207.621.7000 www.trccompanies.com		
FILE NO.:		488729 - LANDSCAPE.dwg		

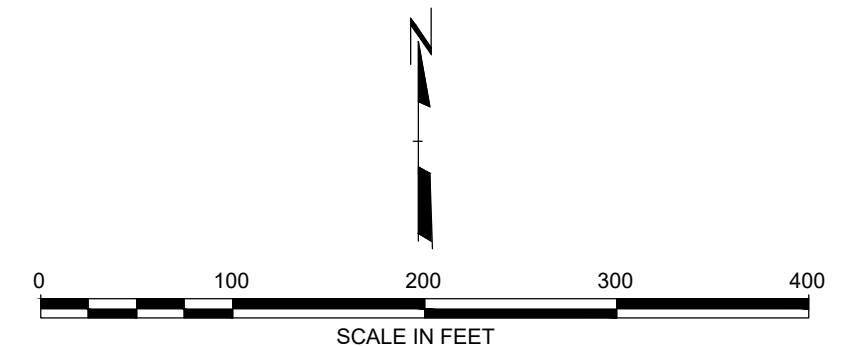
REVIEWED BY:
MALCOLM SIMPSON
PLANNER

1501 BROADWAY, NEW YORK, NY 10036 DATE
EMAIL: MSIMPSON@HARDSTYHANOVER.COM
OFFICE: 646.428.8641





LEGEND

	PROPERTY BOUNDARY
	SUBCATCHMENT BOUNDARY
	NRCS SOIL MAP UNITS & ID
	TIME OF CONCENTRATION FLOW PATH
	SUBCATCHMENT NODE ID
	ANALYSIS POINT NODE ID



ISSUED FOR PERMIT
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SEAL: <div style="border: 1px solid black; padding: 10px; text-align: center; margin: 10px;">  <p>2023-04-28</p> </div>		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.	
3	TRC	REVISED PER TOWN COMMENTS	TND
2	GMT	REVISED LANDSCAPING	TND
1	JRP	REVISED PER TOWN COMMENTS	TND
0	JRP	ISSUED FOR PERMITTING	TND
NO. BY DATE		REVISION	APPD.
PROJECT: NY SOLAR 1001 LLC OLD MYERS SOLAR PROJECT MYERS CORNER RD, WAPPINGER, DUTCHESS CO., NY			
TITLE: PRE-DEVELOPMENT SUBCATCHMENT PLAN			
DRAWN BY: JRP		PROJ. NO.: 488729	
CHECKED BY: TND		SW-100	
APPROVED BY: TND			
DATE: APRIL 2023			
		249 Western Ave. Augusta ME 04330 Phone: 207.621.7000 www.trccompanies.com	
FILE NO.: 488729 - STORM HYDRO.dwg			

