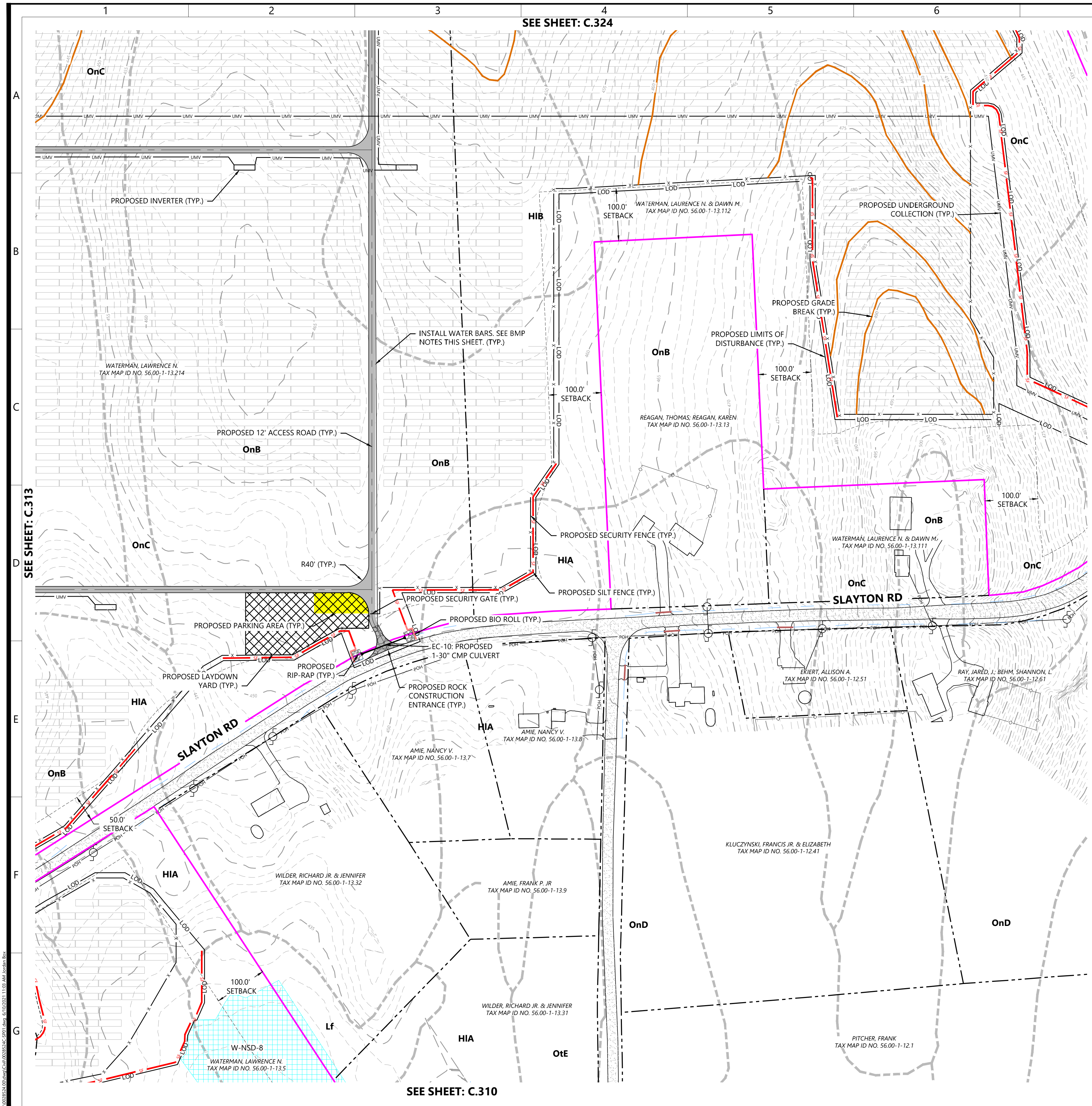


Appendix 24-3:  
Glare Mitigation Package



SEE SHEET: C.324

SEE SHEET: C.313

SEE SHEET: C.310

SEE SHEET: C.339

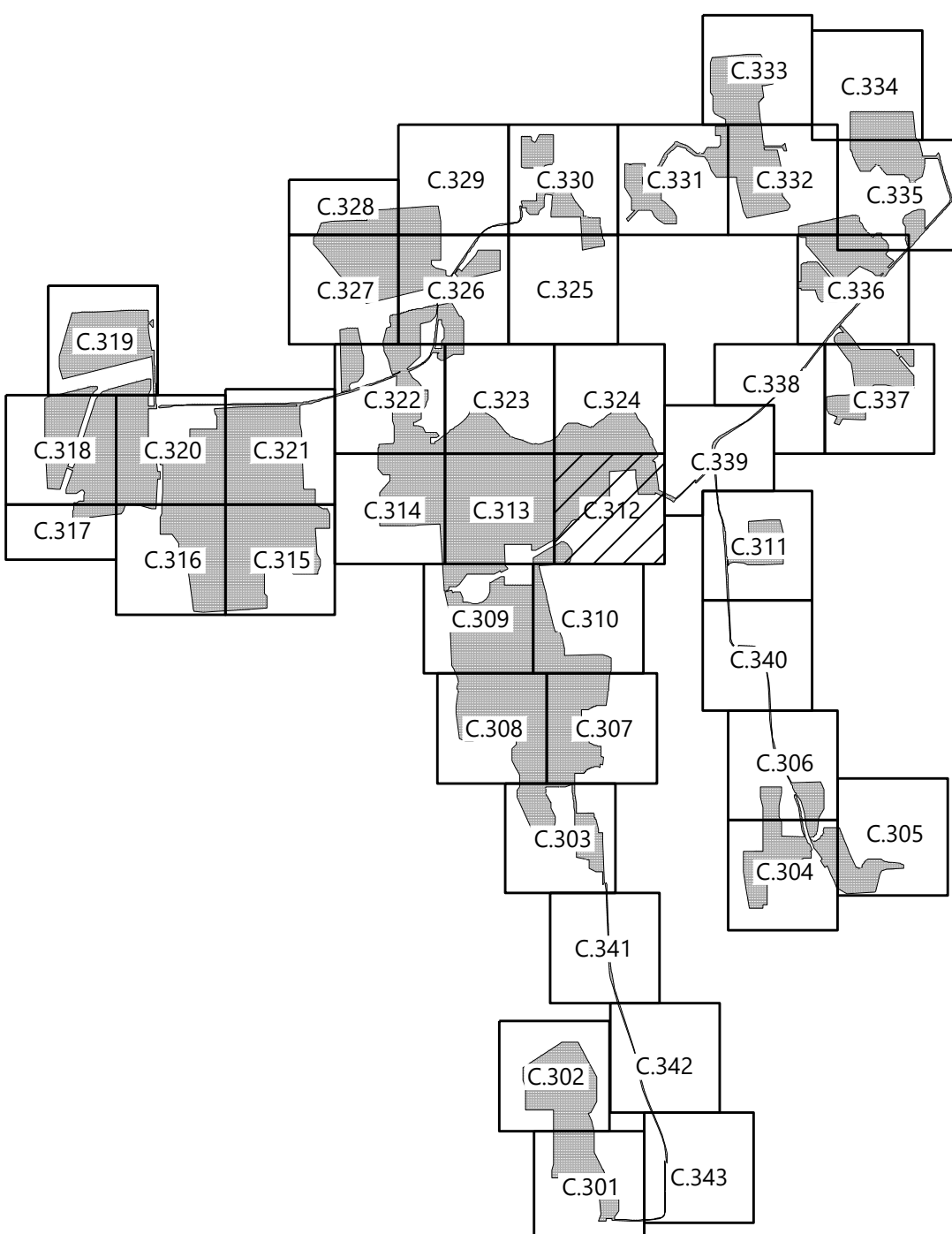
**LEGEND:**

- PROPERTY LINE
- PARCEL LINE
- EX. NYSDEC MAPPED WETLAND
- EX. USACE MAPPED WETLAND
- EX. NONJURISDICTIONAL WETLAND
- EX. STREAM
- EX. EDGE OF WATER
- EX. DRAINAGE DITCH
- EX. PAVED ROAD
- EX. POWER POLE
- EX. OVERHEAD POWER
- EX. GAS LINE
- EX. FENCE
- EX. STRUCTURE
- EX. CULVERT
- EX. INDEX CONTOUR
- EX. INTERVAL CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERVAL CONTOUR
- PROPOSED SOLAR ARRAY
- PROPOSED SETBACKS
- PROPOSED INVERTER
- PROPOSED BATTERY STORAGE
- PROPOSED ACCESS ROAD
- PROPOSED TEMPORARY ACCESS ROAD
- PROPOSED SECURITY FENCE
- PROPOSED LAYDOWN YARD
- LIMIT OF DISTURBANCE
- PROPOSED GRADING LIMITS
- PROPOSED PARKING AREA
- EX. SOILS
- PROPOSED SILT FENCE
- PROPOSED BIO ROLL
- PROPOSED GRADE BREAK
- PROPOSED LOW WATER CROSSING
- PROPOSED CULVERT
- PROPOSED RIP-RAP
- PROPOSED BASIN
- PROPOSED DRAIN TILE
- PROPOSED UNDERGROUND COLLECTION
- PROPOSED HORIZONTAL DIRECTIONAL DRILLING
- PROPOSED HDD BORE PIT
- PROPOSED AVOIDANCE AREA
- PROPOSED ROCK CONSTRUCTION ENTRANCE

**BMP NOTES:**

- INSTALL WATER BARS WITH FLOW DIFFUSER AND COMPOST FILTER SOCK SEDIMENT TRAPS ON ACCESS ROADS & COLLECTION ROUTES GREATER THAN 5% GRADE.
- INSTALL EROSION CONTROL BLANKETS ON DITCHES 5% TO 8% GRADE. INSTALL ROCK LINING ON DITCHES GREATER THAN 8% GRADE.
- REFER TO NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL "BLUE BOOK" FOR ADDITIONAL DETAIL.
- EXCEPT WHERE CROSSED BY PERMANENT ACCESS ROADS OR THROUGH USE OF TEMPORARY MATTING, STREAMS ARE DESIGNATED "NO EQUIPMENT ACCESS" AND THE USE OF MOTORIZED EQUIPMENT SHALL BE PROHIBITED IN THESE AREAS.
- GRADE BREAKS TO BE INSTALLED IN THE INITIAL PHASE AND MAINTAINED THROUGHOUT CONSTRUCTION.

**KEYMAP:**

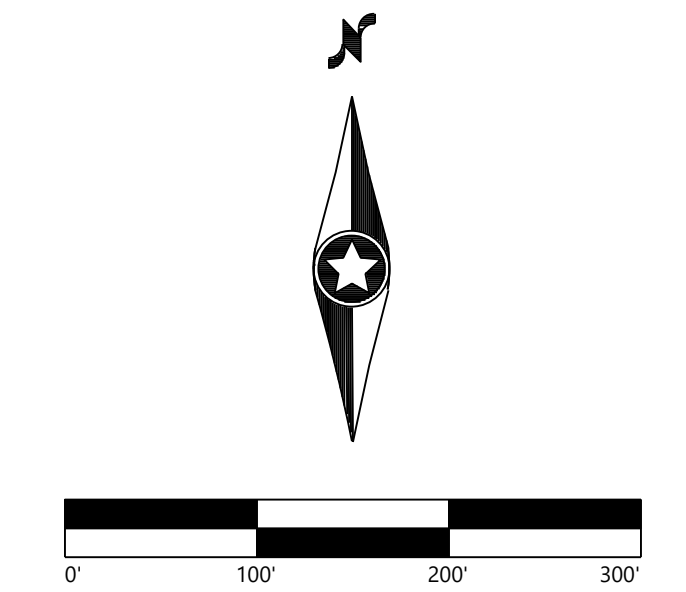


**Westwood Surveying & Engineering**  
 Phone (952) 937-5150 12701 Whitewater Drive, Suite #300  
 Fax (952) 937-5822 Minnetonka, MN 55343  
 Toll Free (888) 937-5150 www.pc.com  
 Westwood Surveying and Engineering, P.C.

PREPARED FOR:  
  
 700 Universe Boulevard  
 Juno Beach, FL 33408

REVISIONS:


#	DATE	COMMENT
A	06/01/2021	ISSUED FOR PERMIT



**Garnet Energy Center**  
 Cayuga County, New York

Civil Site Plan  
 PRELIMINARY  
 NOT FOR CONSTRUCTION  
 DATE: 06/01/2021  
 SHEET: C.312

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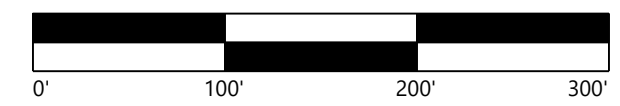
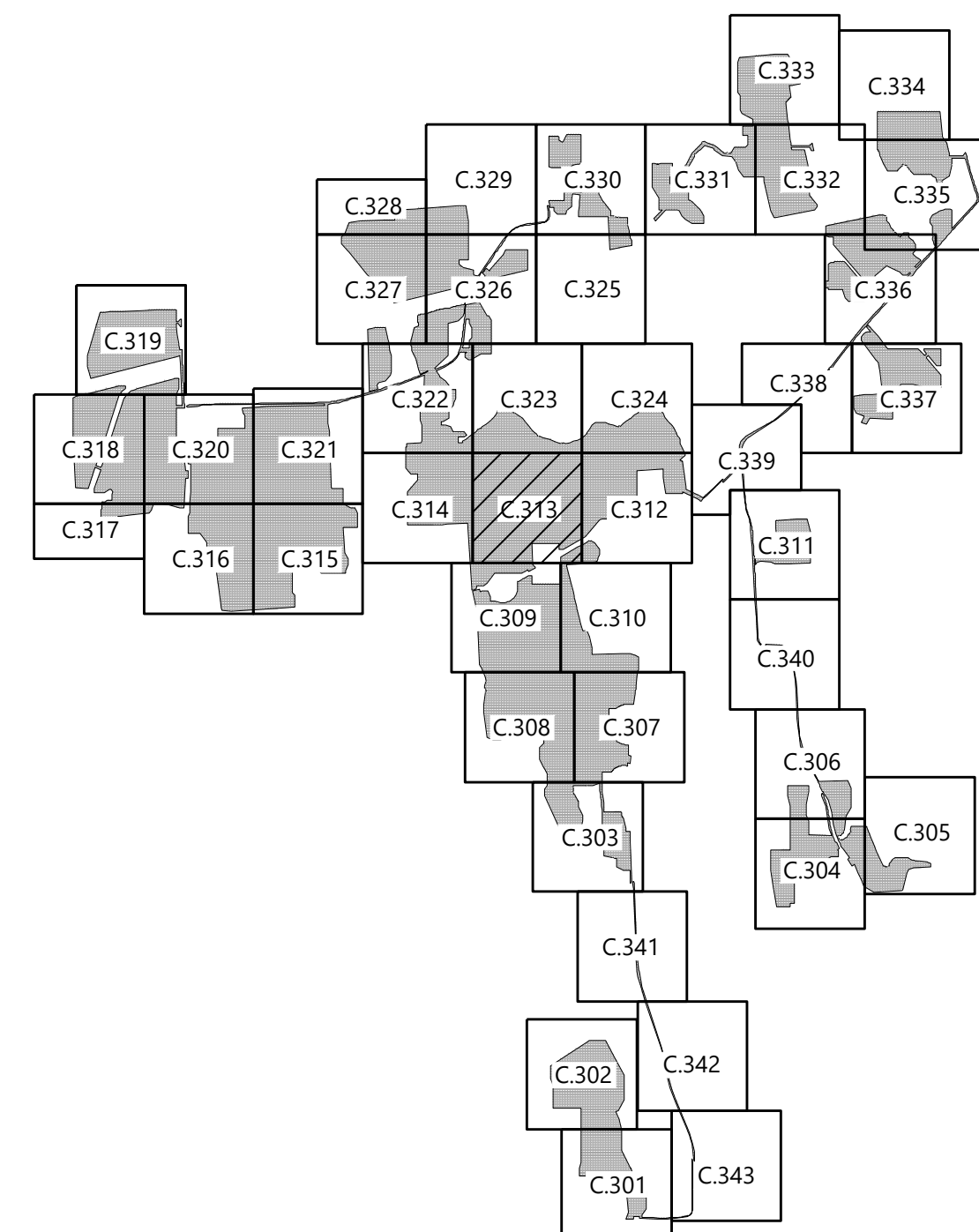
PREPARED FOR:  
  
 700 Universe Boulevard  
 Juno Beach, FL 33408

#	DATE	COMMENT
A	06/01/2021	ISSUED FOR PERMIT

- ### LEGEND:
- PROPERTY LINE
  - PARCEL LINE
  - EX. NYSDEC MAPPED WETLAND
  - EX. USACE MAPPED WETLAND
  - EX. NONJURISDICTIONAL WETLAND
  - EX. STREAM
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  - EX. CULVERT
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**KEYMAP:**



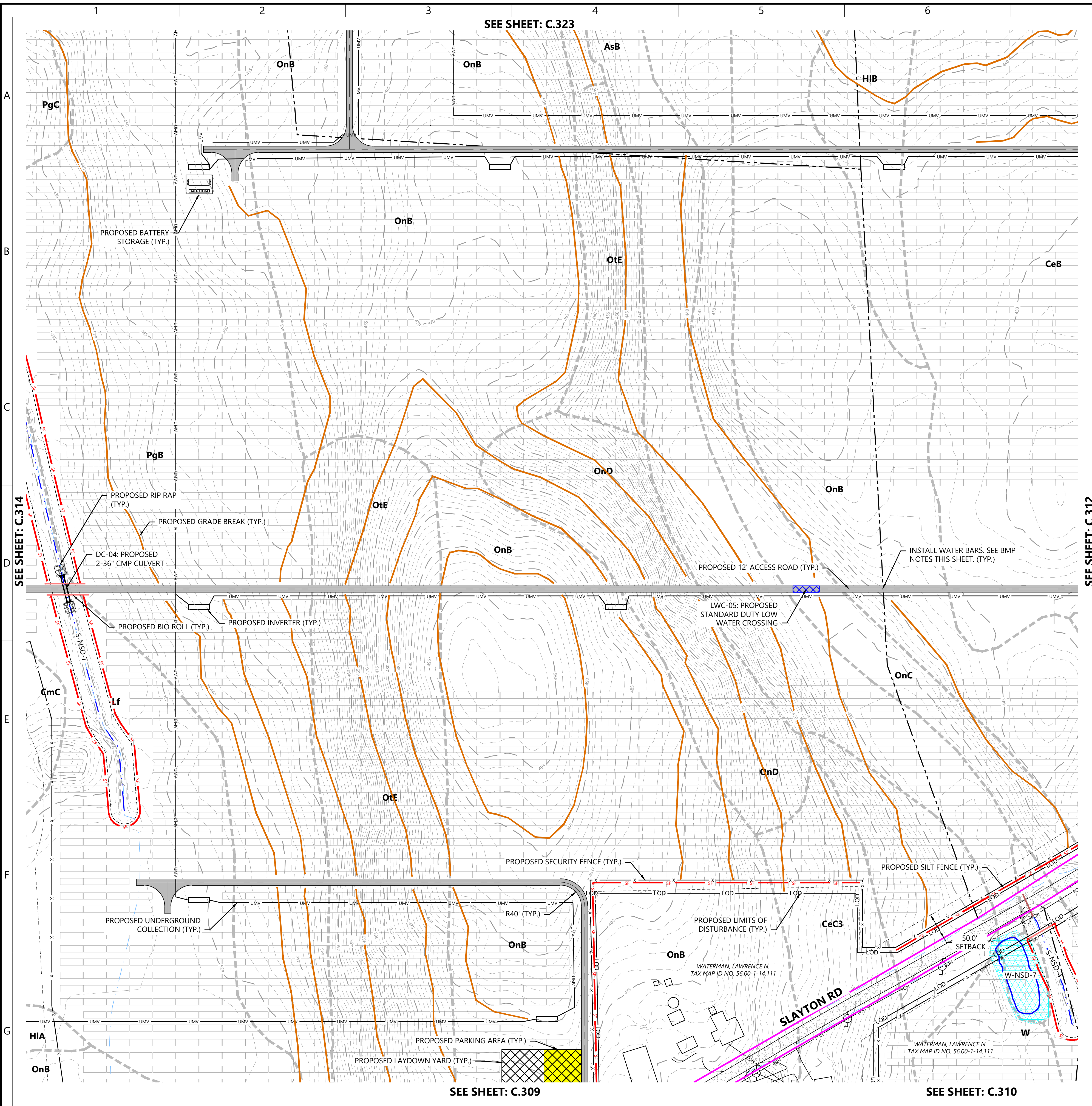
**Garnet Energy Center**  
 Cayuga County, New York

Civil Site Plan

PRELIMINARY  
 NOT FOR CONSTRUCTION

DATE: 06/01/2021

SHEET: C.313



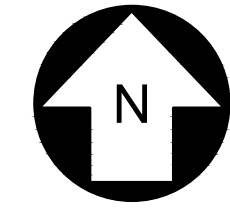
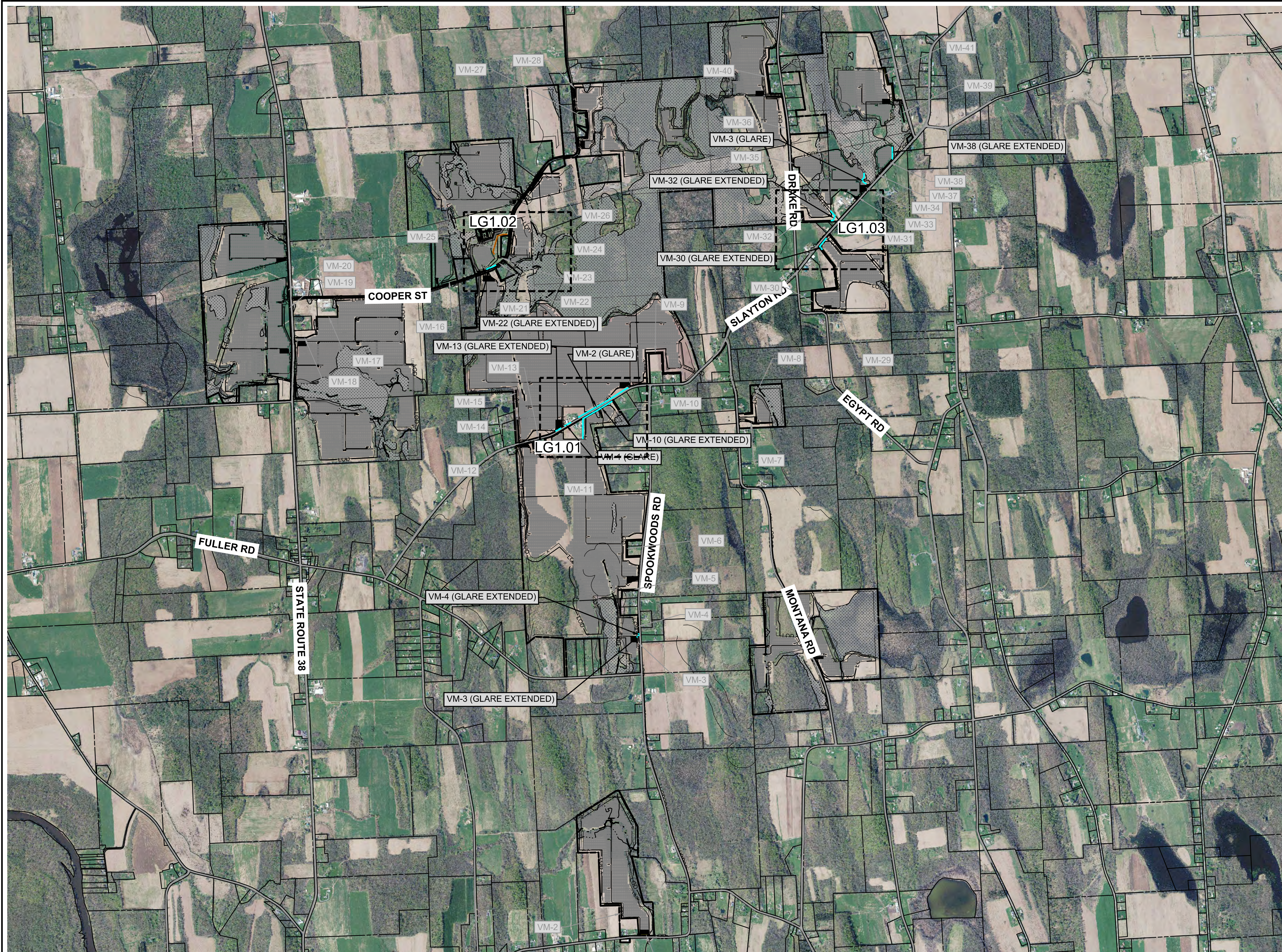
SEE SHEET: C.314

SEE SHEET: C.309

SEE SHEET: C.310

SEE SHEET: C.312

100252556.dwg/06/01/2021/11:03 AM/Standard



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.

**PRELIMINARY**  
NOT FOR CONSTRUCTION



PREPARED FOR:



700 Universe Blvd,  
Juno Beach, FL 33408

**TRC** 4900 RITTER ROAD  
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR  
DESIGNED  
TAF  
DRAWN  
MR  
CHECKED  
MR  
APPROVED

PRELIMINARY  
SITE PLAN  
GARNET ENERGY CENTER, LLC  
OVERALL LANDSCAPE PLAN GLARE ADDITIONS  
TOWNS OF  
CAYUGA COUNTY, NY

REVIEW 1  
REVIEW 2

06/2021  
DATE  
AS NOTED  
SCALE



LG1.00

REV.  
A

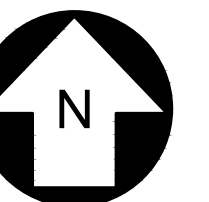


**LANDSCAPE LEGEND**

VISUAL MITIGATION DELINEATION - FOR GLARE REDUCTION

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
331	VM-3 EXTENDED	N 43.116510	W 76.618553
332	VM-3 EXTENDED	N 43.116579	W 76.618553

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
333	VM-4 EXTENDED	N 43.116621	W 76.618422
334	VM-4 EXTENDED	N 43.116764	W 76.618432



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.

**PRELIMINARY**  
NOT FOR CONSTRUCTION



PREPARED FOR:  
**NEXTERA ENERGY**  
700 Universe Blvd,  
Juno Beach, FL 33408

<b>TRC</b> 4900 RITTER ROAD MECHANICSBURG, PA 17055		TRC PROJECT NO: 380342.LAND			
REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED	PRELIMINARY SITE PLAN GARNET ENERGY CENTER, LLC ENLARGED GLARE REDUCTION LANDSCAPE PLAN TOWNS OF CAYUGA COUNTY, NY		LG1.01	REV. A
TAF DRAWN				
MR CHECKED				
MR APPROVED				
REVIEW 1	06/2021 DATE	AS NOTED SCALE		
REVIEW 2				

**LANDSCAPE LEGEND**

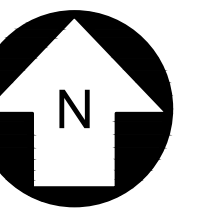
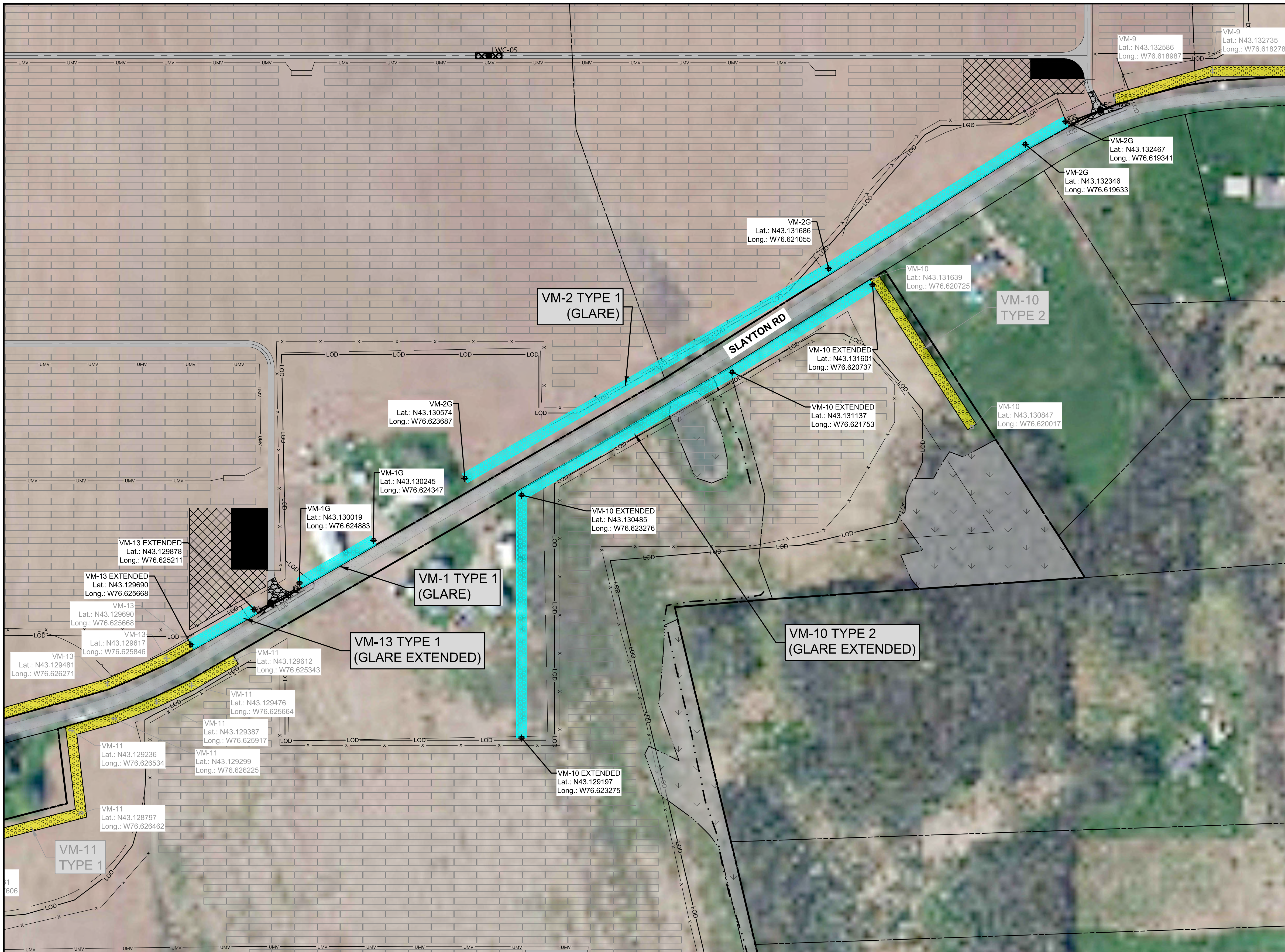
VISUAL MITIGATION DELINEATION - FOR GLARE REDUCTION

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
304	VM-13 EXTENDED	N 43.129690	W 76.625668
305	VM-13 EXTENDED	N 43.129878	W 76.625211

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
310	VM-1G	N 43.130019	W 76.624883
311	VM-1G	N 43.130245	W 76.624347

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
312	VM-2G	N 43.130574	W 76.623687
313	VM-2G	N 43.131686	W 76.621055
314	VM-2G	N 43.132346	W 76.619633
315	VM-2G	N 43.132467	W 76.619341

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
306	VM-10 EXTENDED	N 43.129197	W 76.623275
307	VM-10 EXTENDED	N 43.130485	W 76.623276
308	VM-10 EXTENDED	N 43.131137	W 76.621753
309	VM-10 EXTENDED	N 43.131601	W 76.620737



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.

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NOT FOR CONSTRUCTION



PREPARED FOR:  
**NEXTERA ENERGY**  
700 Universe Blvd,  
Juno Beach, FL 33408

**TRC** 4900 RITTER ROAD  
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED  
TAF DRAWN  
MR CHECKED  
MR APPROVED

REVIEW 1  
REVIEW 2

PRELIMINARY  
SITE PLAN  
GARNET ENERGY CENTER, LLC  
ENLARGED GLARE REDUCTION LANDSCAPE PLAN  
TOWNS OF  
CAYUGA COUNTY, NY

06/2021  
DATE  
AS NOTED  
SCALE



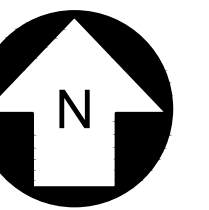
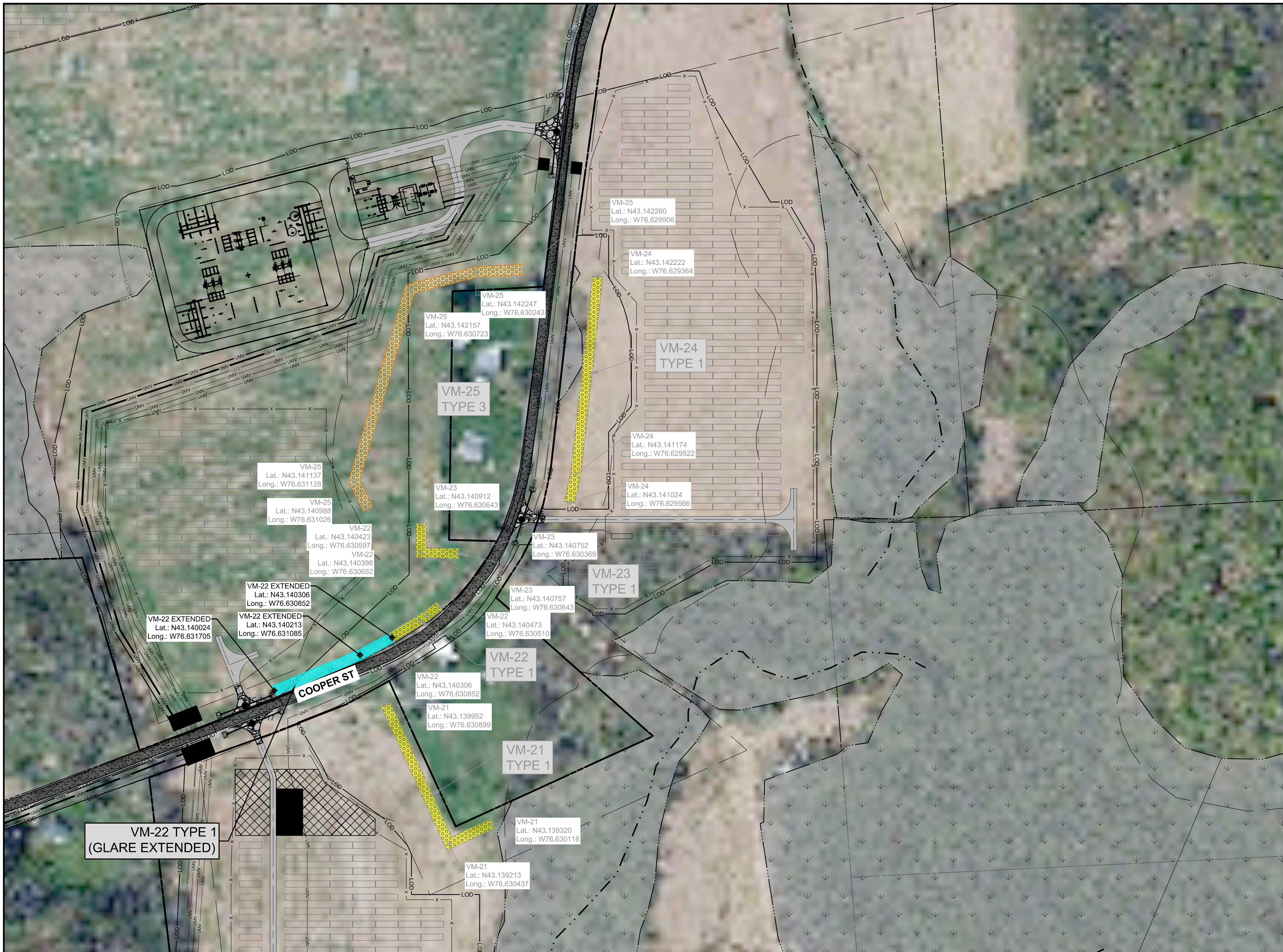
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REV. A

**LANDSCAPE LEGEND**

VISUAL MITIGATION DELINEATION - FOR GLARE REDUCTION

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
301	VM-22 EXTENDED	N 43.140306	W 76.630852
302	VM-22 EXTENDED	N 43.140213	W 76.631085
303	VM-22 EXTENDED	N 43.140024	W 76.631705



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.

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PREPARED FOR:  
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700 Universe Blvd,  
Juno Beach, FL 33408

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MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED
TAF DRAWN
MR CHECKED
MR APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY  
SITE PLAN  
GARNET ENERGY CENTER, LLC  
ENLARGED GLARE REDUCTION LANDSCAPE PLAN  
TOWNS OF  
CAYUGA COUNTY, NY

06/2021  
DATE  
AS NOTED  
SCALE



LG1.03

REV.  
A

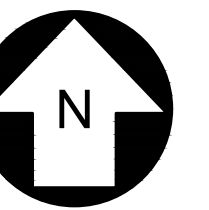


**LANDSCAPE LEGEND**

VISUAL MITIGATION DELINEATION - FOR GLARE REDUCTION

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
316	VM-30 EXTENDED	N 43.141292	W 76.602435
317	VM-30 EXTENDED	N 43.141496	W 76.602650
318	VM-30 EXTENDED	N 43.142019	W 76.602068

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
319	VM-32 EXTENDED	N 43.143142	W 76.601657
320	VM-32 EXTENDED	N 43.143145	W 76.601487
321	VM-32 EXTENDED	N 43.143442	W 76.601332
322	VM-32 EXTENDED	N 43.143761	W 76.601707



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PREPARED FOR:  
**NEXTERA ENERGY**  
700 Universe Blvd,  
Juno Beach, FL 33408

**TRC** 4900 RITTER ROAD  
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED  
TAF DRAWN  
MR CHECKED  
MR APPROVED

PRELIMINARY  
SITE PLAN  
GARNET ENERGY CENTER, LLC  
ENLARGED GLARE REDUCTION LANDSCAPE PLAN  
TOWNS OF  
CAYUGA COUNTY, NY

REVIEW 1  
REVIEW 2

06/2021  
DATE  
AS NOTED  
SCALE



LG1.04

REV. A



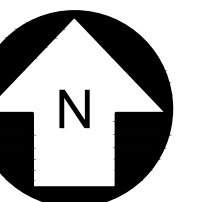


**LANDSCAPE LEGEND**

VISUAL MITIGATION DELINEATION - FOR GLARE REDUCTION

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
323	VM-3G	N 43.145493	W 76.598593
324	VM-3G	N 43.145590	W 76.598827
325	VM-3G	N 43.145748	W 76.598957
326	VM-3G	N 43.145890	W 76.598787
327	VM-3G	N 43.146170	W 76.598787

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUDE
323	VM-3G	N 43.145493	W 76.598593
324	VM-3G	N 43.145590	W 76.598827
325	VM-3G	N 43.145748	W 76.598957
326	VM-3G	N 43.145890	W 76.598787
327	VM-3G	N 43.146170	W 76.598787



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.

**PRELIMINARY**  
NOT FOR CONSTRUCTION



PREPARED FOR:  
**NEXTERA ENERGY**  
700 Universe Blvd,  
Juno Beach, FL 33408

<b>TRC</b> 4900 RITTER ROAD MECHANICSBURG, PA 17055 TRC PROJECT NO: 380342.LAND					
REV	DESCRIPTION	DATE	DES	CHK	APP

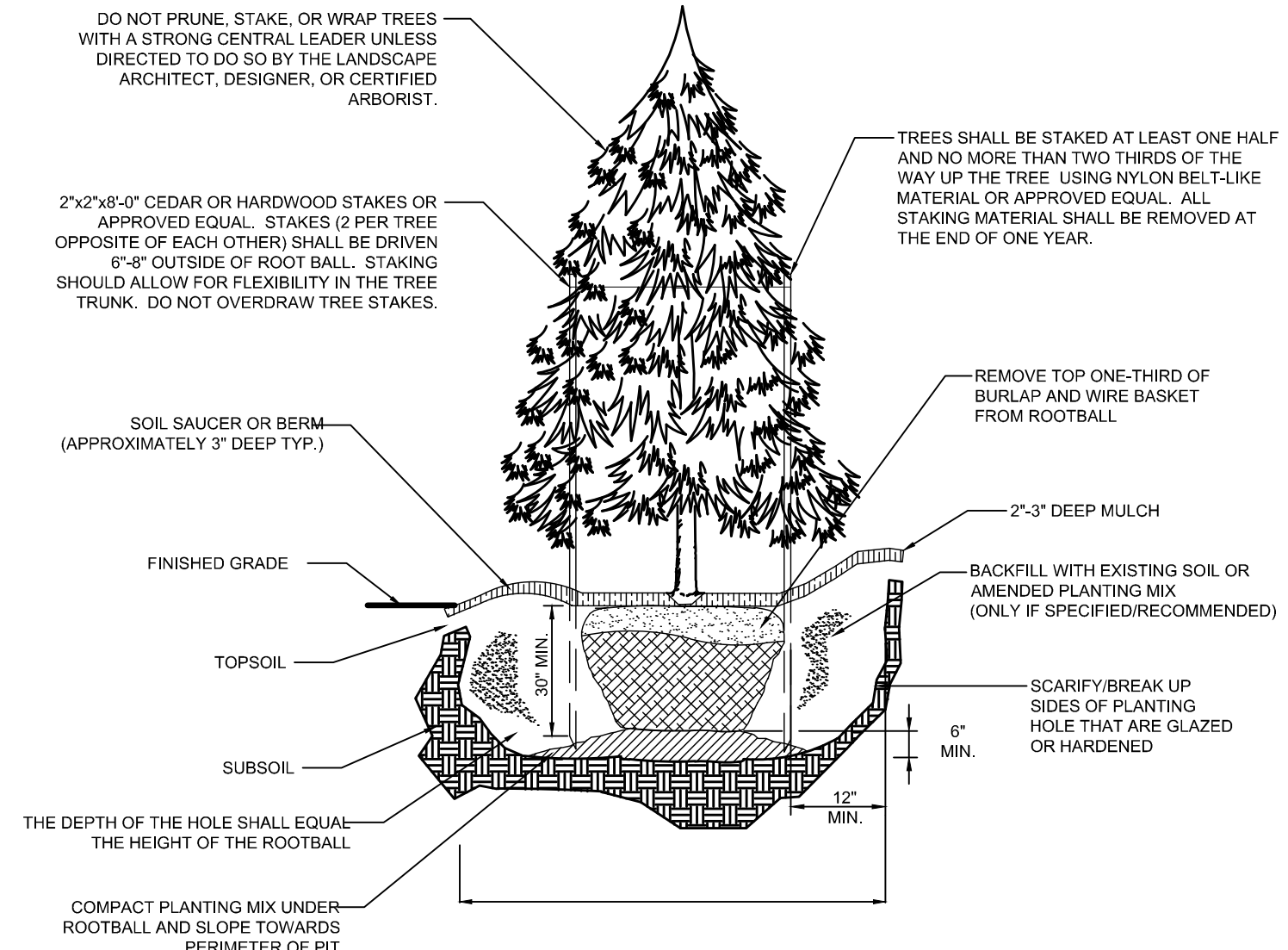
MR DESIGNED TAF DRAWN MR CHECKED MR APPROVED	PRELIMINARY SITE PLAN GARNET ENERGY CENTER, LLC ENLARGED GLARE REDUCTION LANDSCAPE PLAN TOWNS OF CAYUGA COUNTY, NY	06/2021 DATE AS NOTED SCALE		LG1.05	REV. A
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## GENERAL LANDSCAPE AND SEEDING NOTES

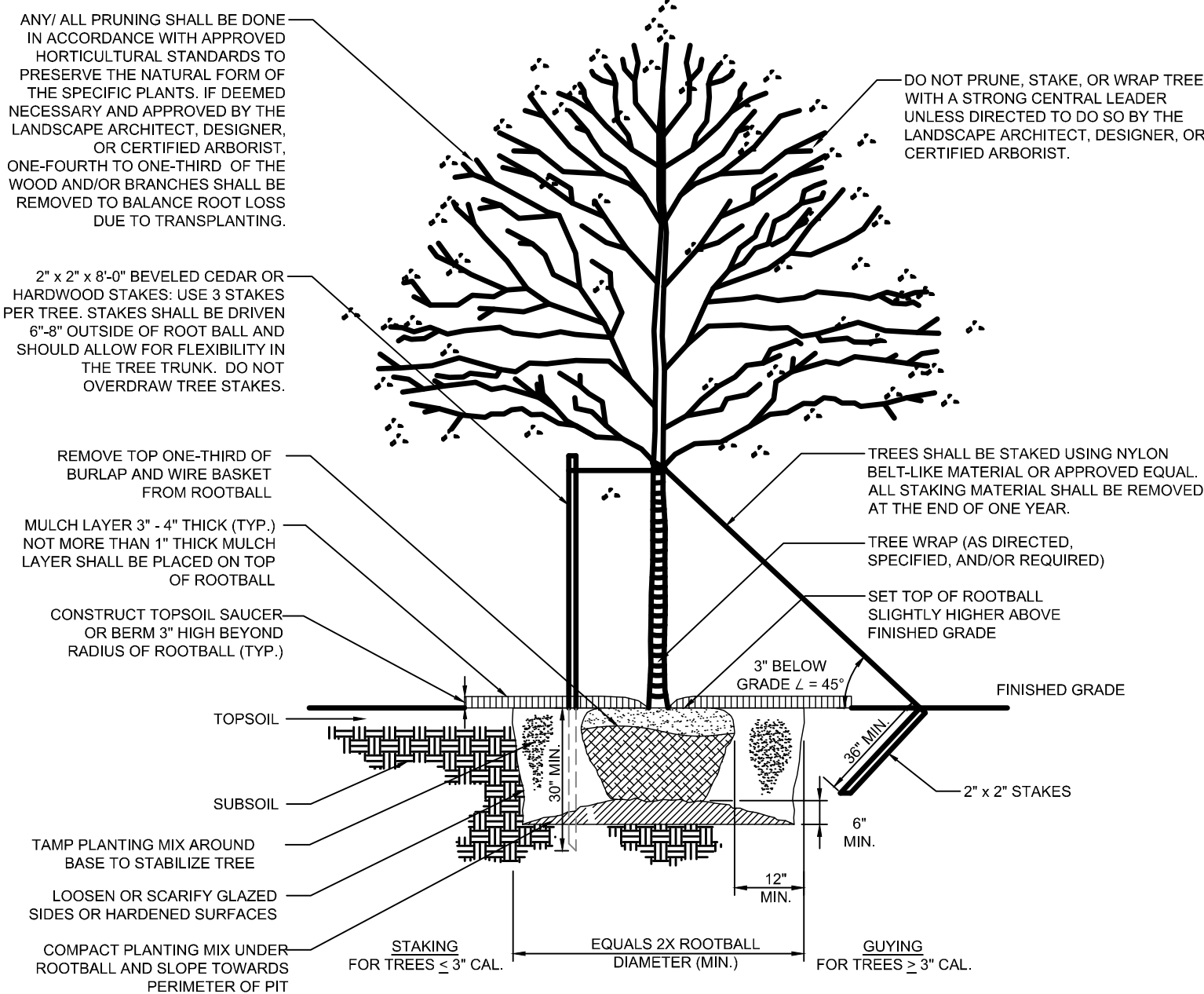
- THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD 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 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 EQUAL. ADDITIONAL MAINTENANCE RESPONSIBILITIES INCLUDE: APPROVED CULтивATING, 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.
- 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.
- 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.
- ALL SHRUB MASSING SHALL BE MULCHED TO A DEPTH OF 2" AND SHREDDED HARDWOOD BARK MULCH SHALL BE USED FOR SHRUB MASSING AREAS.
- 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.
- 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.
- 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.

PLANTING SOIL MIXTURE:  
 2 PARTS PEAT MOSS  
 5 PARTS TOPSOIL  
 MYCORRIZA INOCULANT - "TRANSPLANT 1-STEP" AS MANUFACTURED BY ROOTS, INC. OR APPROVED EQUAL. USE PER MANUFACTURER'S RECOMMENDATIONS FOR TREES AND SHRUBS. FERTILIZER/LIME APPLY AS RECOMMENDED 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 UNLESS OTHERWISE STATED. THE OWNER, CERTIFIED LANDSCAPE ARCHITECT, OR 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, MANAGE 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 WITH AN EROSION CONTROL BLANKET.
- ALL WILDFLOWERS AND GRASSES SOWN 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.



EVERGREEN TREE PLANTING DETAIL  
N.T.S.



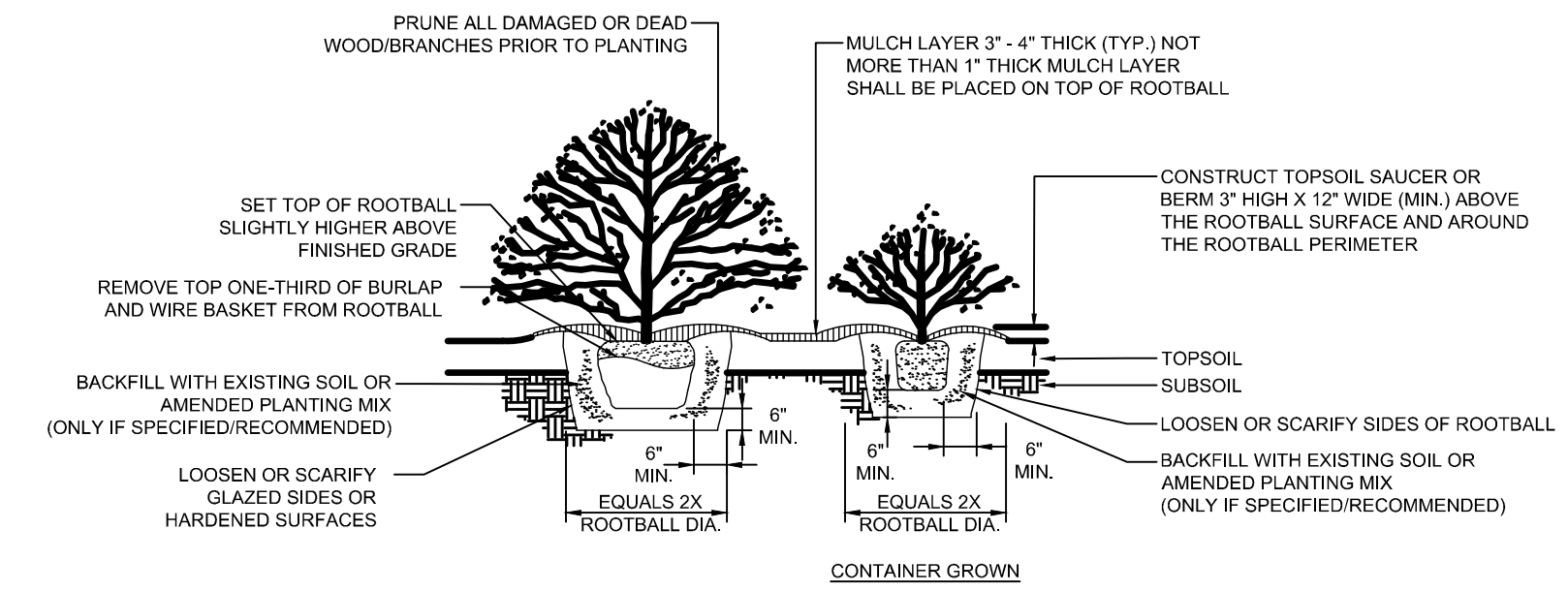
NATIVE/DECIDUOUS TREE PLANTING DETAIL  
N.T.S.

## SOLAR FARM GRASS SEED MIXES

NATIVE/NATURALIZED SOLAR FARM SEED MIX				
BOTANICAL NAME	COMMON NAME	MIX CONCENTRATION	RATE (LBS/ACRE)	RATE (LBS/1000 FT <sup>2</sup> )
FESTUCA RUBRA	CREeping RED FESCUE	34%	262	6
FESTUCA OVINA	SHEEP FESCUE	33%		
FESTUCA BREVIPIILA 'BEACON'	HARD FESCUE 'BEACON'	10%		
FESTUCA OVINA VAR. DURILUSCULA 'RHINO'	HARD FESCUE 'RHINO'	5%		
FESTUCA OVINA VAR. GLAUCA (F. ARVERNENSIS) (F. GLAUCA), 'BLUE RAY'	BLUE FESCUE 'BLUE RAY'	5%		
POA PRATENSIS 'ARGYLE'	KENTUCKY BLUEGRASS 'ARGYLE'	5%		
POA PRATENSIS 'SHAMROCK'	KENTUCKY BLUEGRASS 'SHAMROCK'	5%		
AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE	AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE	3%		

### 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 FARM 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.



SHRUB PLANTING DETAIL  
N.T.S.

## LEGEND - OVERALL PLANTING TOTALS FOR GLARE MITIGATION

LANDSCAPE PLANTING SCHEDULE VISUAL MITIGATION PLANTING TEMPLATE TYPES 1 AND 2

DECIDUOUS AND EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	59	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	86	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	95	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	110	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	135	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	105	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	119	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	93	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	110	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	125	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	73	24"-30" HT.	#3/5 CONT.	8'-10' HT.

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.

PRELIMINARY  
NOT FOR CONSTRUCTION



700 Universe Blvd.  
Juno Beach, FL 33408

TRC 4900 RITTER ROAD  
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED  
TAF DRAWN  
MR CHECKED  
MR APPROVED

PRELIMINARY  
SITE PLAN  
GARNET ENERGY CENTER, LLC  
LANDSCAPE NOTES AND DETAILS  
TOWNS OF  
CAYUGA COUNTY, NY

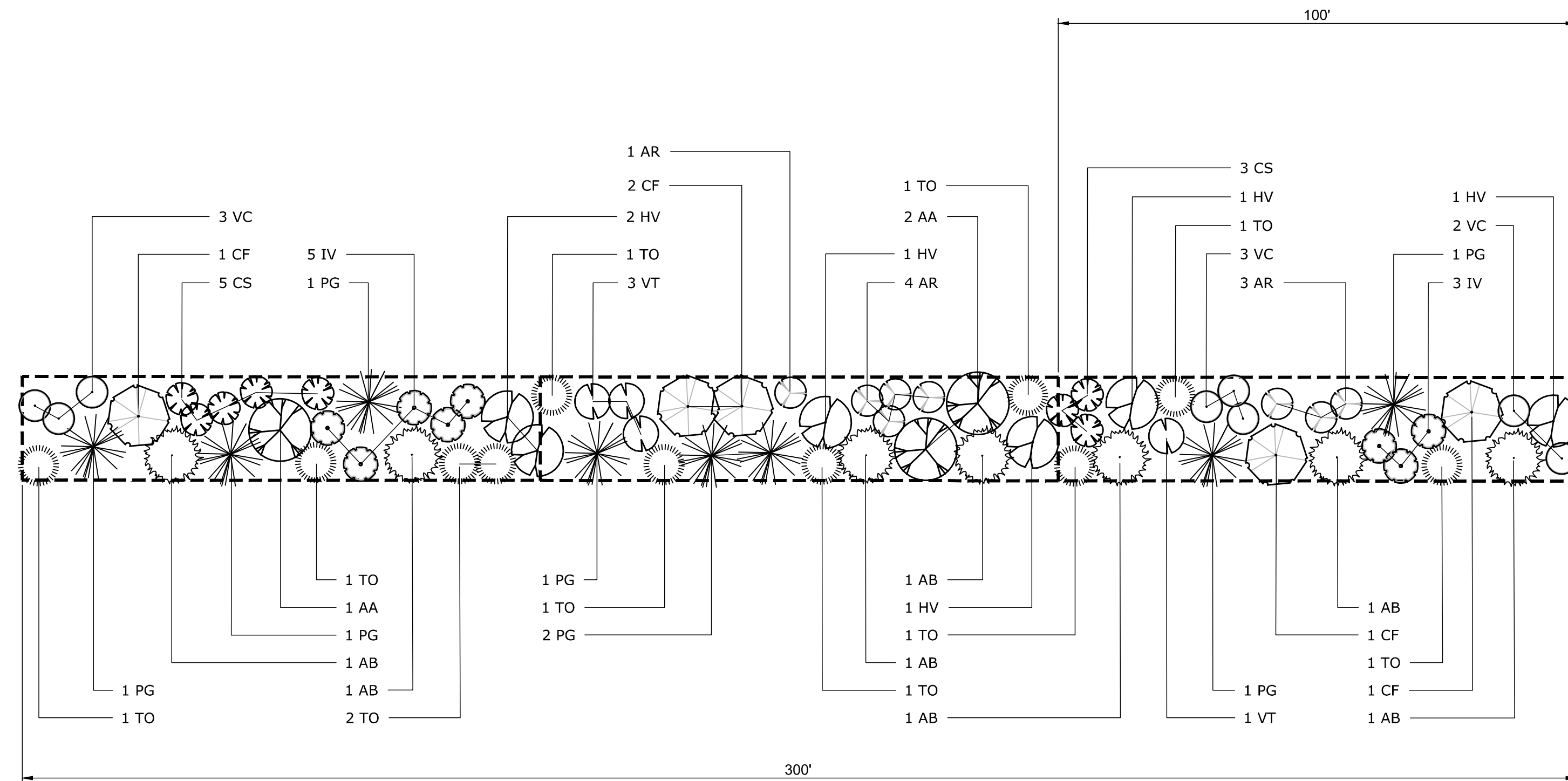
REVIEW 1  
REVIEW 2

06/2021  
DATE  
AS NOTED  
SCALE



LG2.01

REV.  
A



**LEGEND**

VISUAL MITIGATION PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE (TYPICAL VISUAL BUFFER/SCREENING EFFORT)

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	7	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	5	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	8	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	8	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	6	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	8	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	8	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**VISUAL MITIGATION PLANTING TEMPLATE**

N.T.S.

**LEGEND - VM-1G**

PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH FOR GLARE = 165 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	1	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	3	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	3	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	6	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	7	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	2	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	5	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	3	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	3	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-2G**

PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH FOR GLARE = 1,350 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	13	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	30	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	23	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	38	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	50	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	33	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	37	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	26	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	37	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	35	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	19	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-3G**

PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH FOR GLARE = 310 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	7	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	5	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	8	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	12	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	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	6	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	8	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	10	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-3 EXTENDED**

PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 25 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	0	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	0	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	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	1	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	0	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	0	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	0	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	0	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	3	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	0	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**VISUAL MITIGATION TYPE 1**

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.

**PRELIMINARY**  
NOT FOR CONSTRUCTION



PREPARED FOR:  
**NEXTERA ENERGY**  
700 Universe Blvd.  
Juno Beach, FL 33408

**TRC** 4900 RITTER ROAD  
MECHANICSBURG, PA 17055  
TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED	PRELIMINARY SITE PLAN GARNET ENERGY CENTER, LLC LANDSCAPE NOTES AND DETAILS TOWNS OF CAYUGA COUNTY, NY	<b>TRC</b>	LG2.02	REV. A
TAF DRAWN				
MR CHECKED				
MR APPROVED				
REVIEW 1	06/2021 DATE	AS NOTED SCALE		
REVIEW 2				

**LEGEND - VM-4 EXTENDED** PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 55 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	1	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	1	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	1	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	2	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	1	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	0	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	4	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	0	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	0	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	3	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	0	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-13 EXTENDED** PLANTING TEMPLATE TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 140 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	1	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	2	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	3	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	5	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	0	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	5	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	2	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	3	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	3	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-22 EXTENDED** PLANTING TEMPLATE TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 250 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	5	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	4	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	7	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	10	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	6	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	5	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	5	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	6	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-30 EXTENDED** PLANTING TEMPLATE TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 340 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	8	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	6	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	10	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	12	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	1	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	6	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	8	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	11	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION TYPE 1 (CONT.)

**LEGEND - VM-32 EXTENDED** PLANTING TEMPLATE TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 315 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	7	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	5	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	12	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	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	6	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	8	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	11	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

**LEGEND - VM-38 EXTENDED** PLANTING TEMPLATE - TYPE 1  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 285 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	6	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	5	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	8	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	8	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	5	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	8	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	6	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION TYPE 1 (CONT.)

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PRELIMINARY  
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PREPARED FOR:

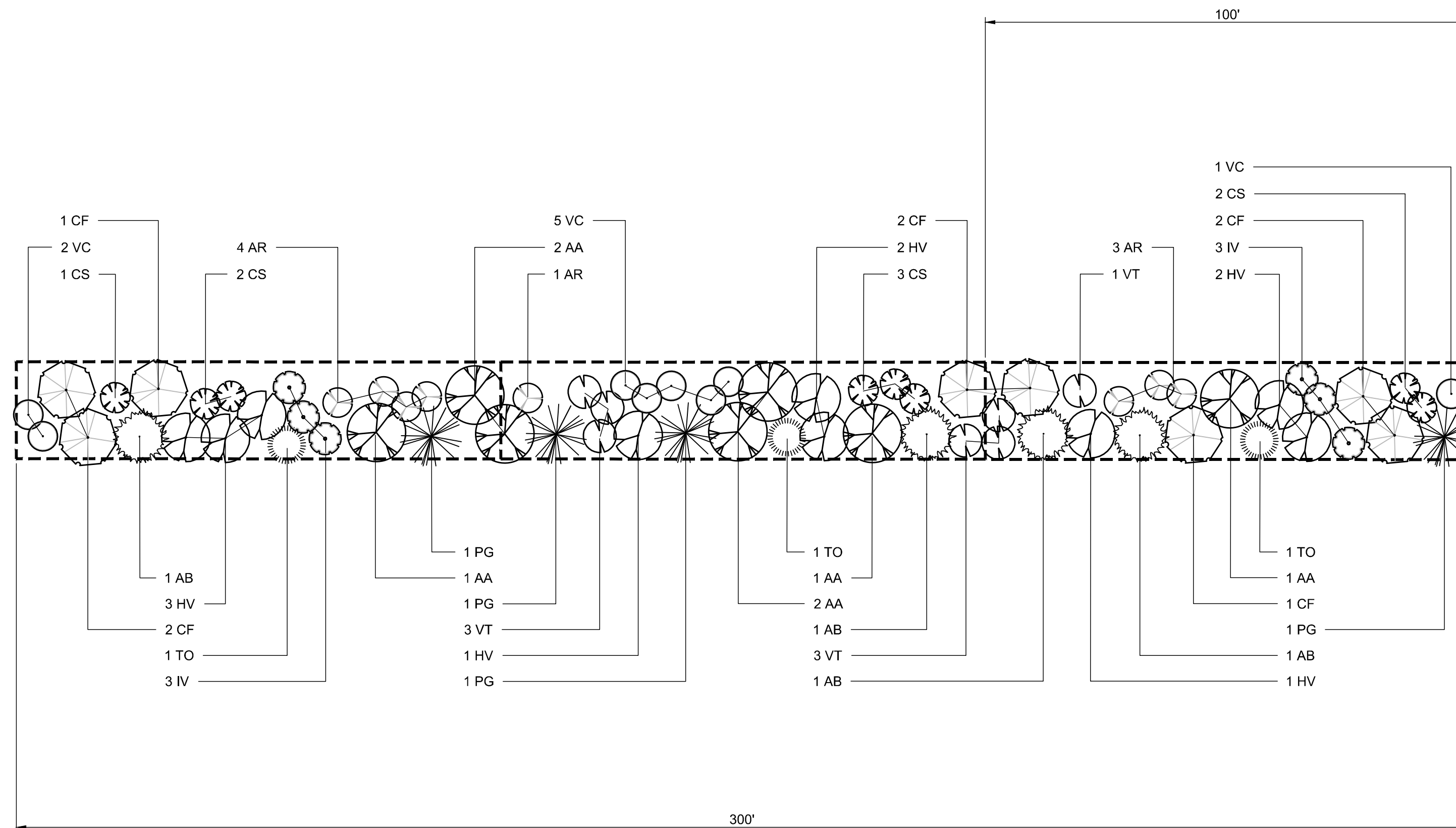
700 Universe Blvd.  
Juno Beach, FL 33408

**TRC** 4900 RITTER ROAD  
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP

MR DESIGNED	PRELIMINARY SITE PLAN GARNET ENERGY CENTER, LLC LANDSCAPE NOTES AND DETAILS TOWNS OF CAYUGA COUNTY, NY		LG2.03	REV. A
TAF DRAWN				
MR CHECKED				
MR APPROVED				
REVIEW 1	06/2021 DATE	AS NOTED SCALE		
REVIEW 2				



**LEGEND**

VISUAL MITIGATION PLANTING TEMPLATE - TYPE 2  
LANDSCAPE PLANTING SCHEDULE (SUPPLEMENTAL VISUAL BUFFER/SCREENING EFFORT)

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	7	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	4	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	9	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	4	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	3	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	8	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	9	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	6	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	8	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION PLANTING TEMPLATE  
N.T.S.

**LEGEND - VM-10 EXTENDED** PLANTING TEMPLATE TYPE 2  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 1,260 LF

**DECIDUOUS AND EVERGREEN TREES**

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	28	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	17	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	39	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	16	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	13	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	32	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	35	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	39	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	26	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	34	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	28	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION TYPE 2

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