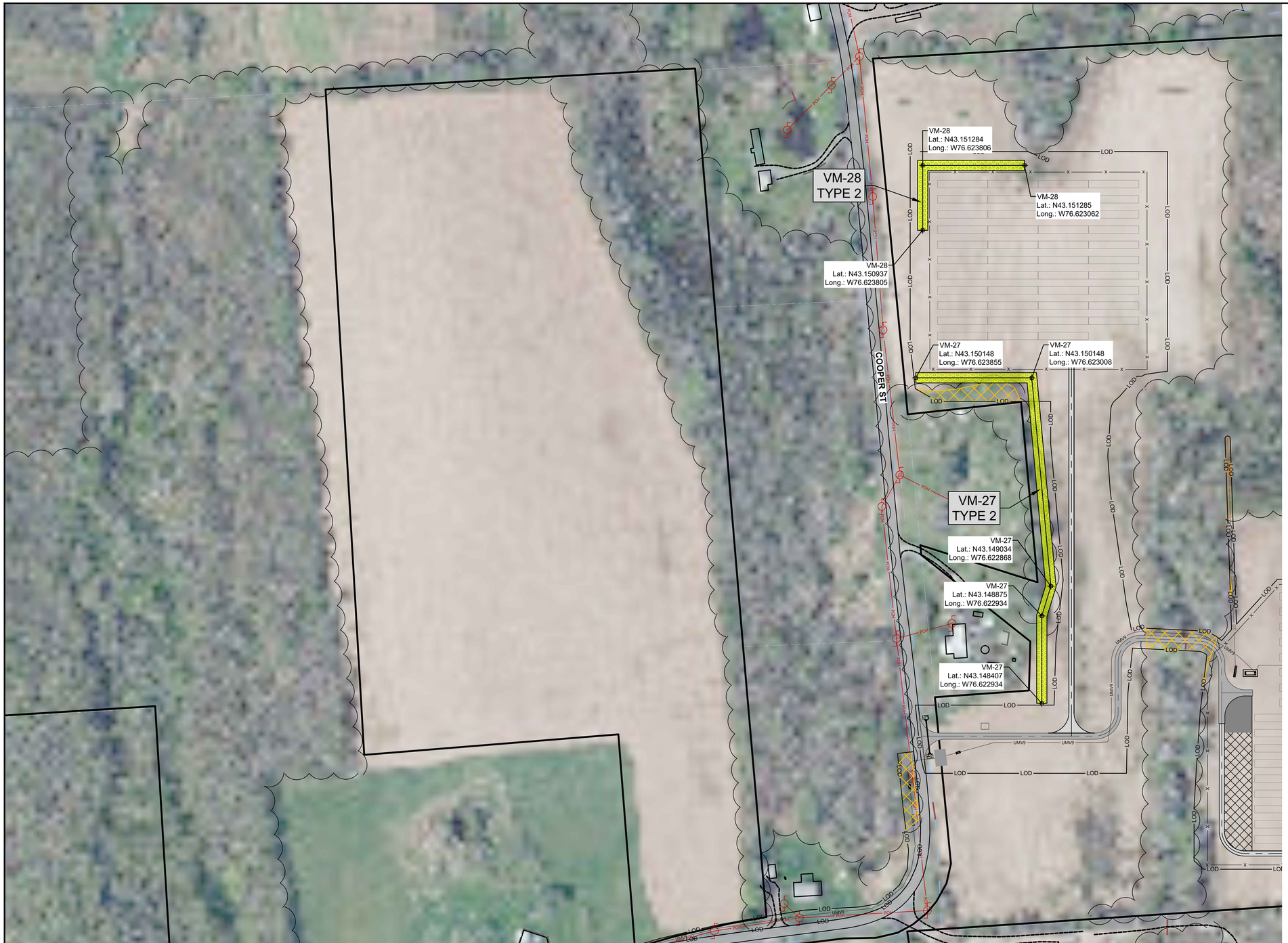

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-27 & VM-28
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: NONE
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
204	VM-27	N 43.148407	W 76.622934
205	VM-27	N 43.148875	W 76.622934
206	VM-27	N 43.149034	W 76.622868
207	VM-27	N 43.150148	W 76.623008
208	VM-27	N 43.150148	W 76.623855

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
209	VM-28	N 43.150937	W 76.623805
210	VM-28	N 43.151284	W 76.623806
211	VM-28	N 43.151285	W 76.623062

N

0 100 200 300 400
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700 Universe Blvd,
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TRC
4900 RITTER ROAD
MECHANICSBURG, PA 17055
TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP
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MR DESIGNED
TF/GT DRAWN
MR CHECKED
MR APPROVED
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REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
ENLARGED LANDSCAPE PLAN
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE
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REV. 1

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-29, VM-30 & VM-31
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: VM-30 EXTENDED
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
212	VM-29	N 43.137331	W 76.600373
213	VM-29	N 43.137318	W 76.602096

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
214	VM-30	N 43.137470	W 76.602426
215	VM-30	N 43.137433	W 76.603231
216	VM-30	N 43.138624	W 76.603259
217	VM-30	N 43.138803	W 76.601081
218	VM-30	N 43.140250	W 76.601341
219	VM-30	N 43.141292	W 76.602435

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
316	VM-30 EXTENDED	N 43.141292	W 76.602435
317	VM-30 EXTENDED	N 43.141465	W 76.602617
318	VM-30 EXTENDED	N 43.141970	W 76.602038

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
221	VM-31	N 43.142211	W 76.601812
222	VM-31	N 43.141193	W 76.600707
223	VM-31	N 43.141188	W 76.598848

N

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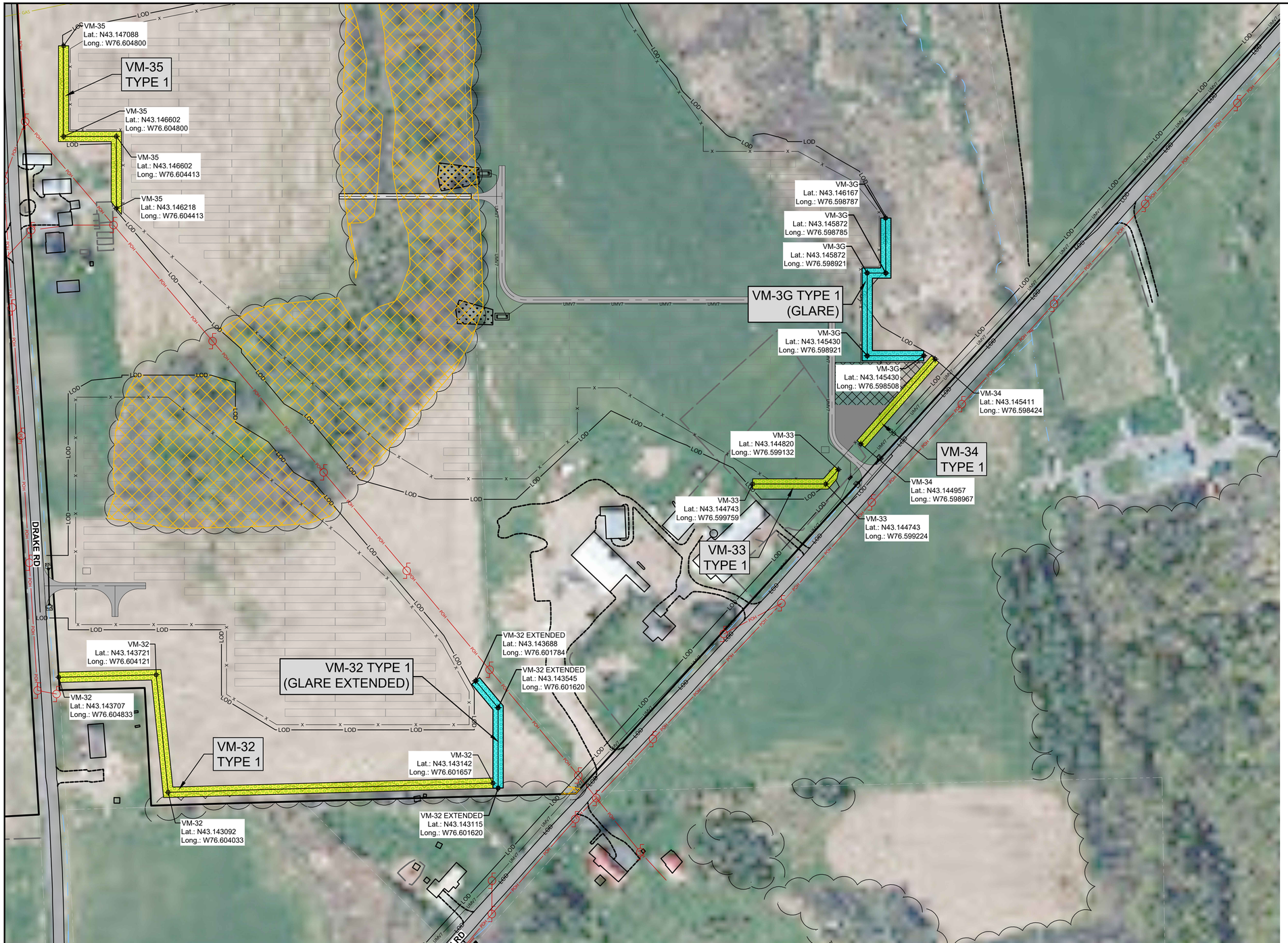

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-32, VM-33, VM-34 & VM-35
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: VM-32 EXTENDED
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
224	VM-32	N 43.143142	W 76.601657
225	VM-32	N 43.143092	W 76.604033
226	VM-32	N 43.143721	W 76.604121
227	VM-32	N 43.143707	W 76.604833

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
319	VM-32 EXTENDED	N 43.143115	W 76.601620
320	VM-32 EXTENDED	N 43.143545	W 76.601620
321	VM-32 EXTENDED	N 43.143688	W 76.601784

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
229	VM-33	N 43.144743	W 76.599759
230	VM-33	N 43.144743	W 76.599224
231	VM-33	N 43.144820	W 76.599132

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
232	VM-34	N 43.144957	W 76.598967
233	VM-34	N 43.145411	W 76.598424

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
234	VM-35	N 43.146218	W 76.604413
235	VM-35	N 43.146602	W 76.604413
236	VM-35	N 43.146602	W 76.604800
237	VM-35	N 43.147088	W 76.604800

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
323	VM-3G	N 43.145430	W 76.598508
324	VM-3G	N 43.145430	W 76.598921
325	VM-3G	N 43.145872	W 76.598921
326	VM-3G	N 43.145872	W 76.598785
327	VM-3G	N 43.146167	W 76.598787

N

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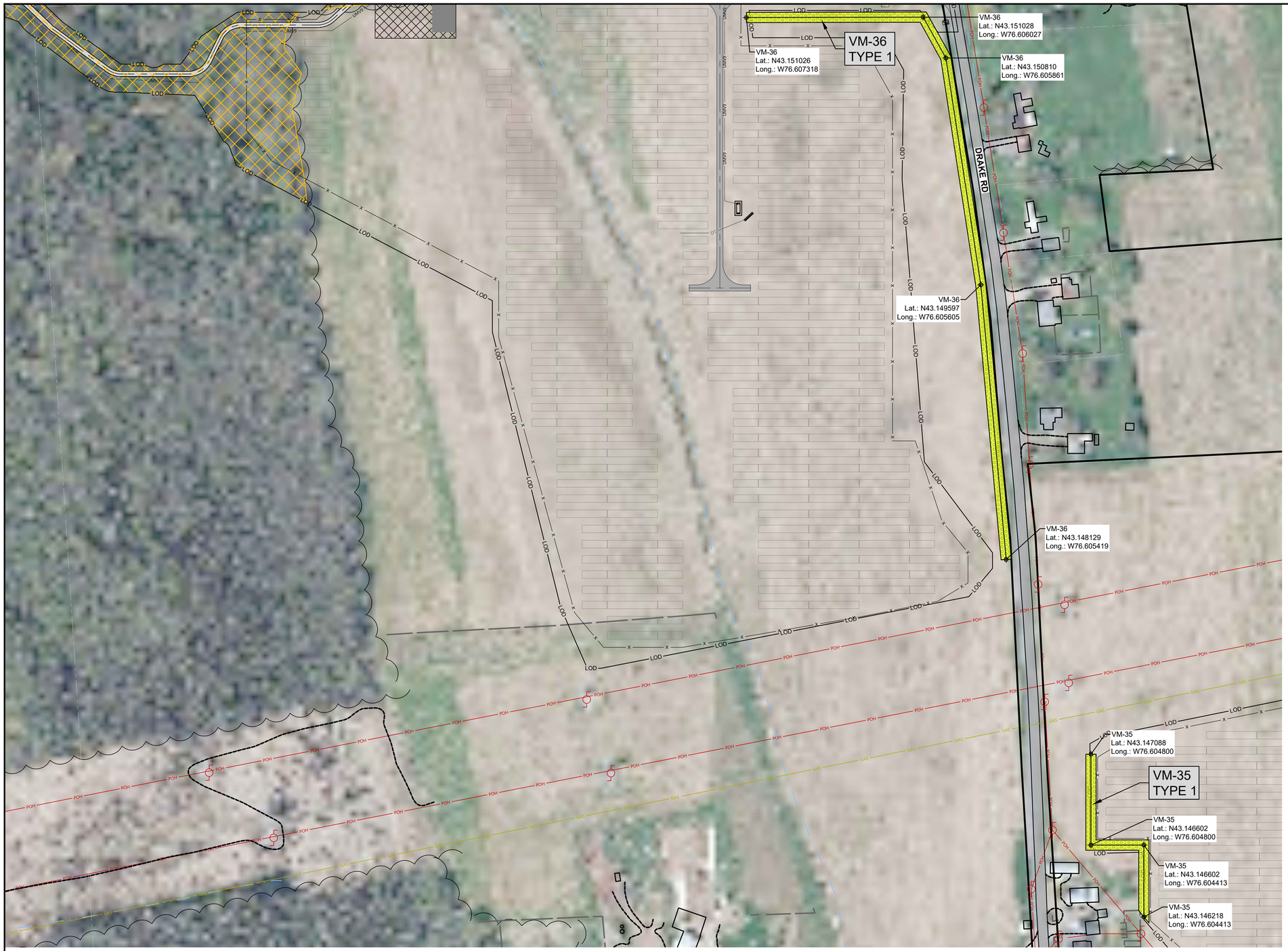

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-35 & VM-36
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: NONE
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
234	VM-35	N 43.146218	W 76.604413
235	VM-35	N 43.146602	W 76.604413
236	VM-35	N 43.146602	W 76.604800
237	VM-35	N 43.147088	W 76.604800

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
239	VM-36	N 43.148129	W 76.605419
240	VM-36	N 43.149597	W 76.605605
241	VM-36	N 43.151028	W 76.606027
242	VM-36	N 43.151026	W 76.607318
339	VM-36	N 43.150810	W 76.605861

N

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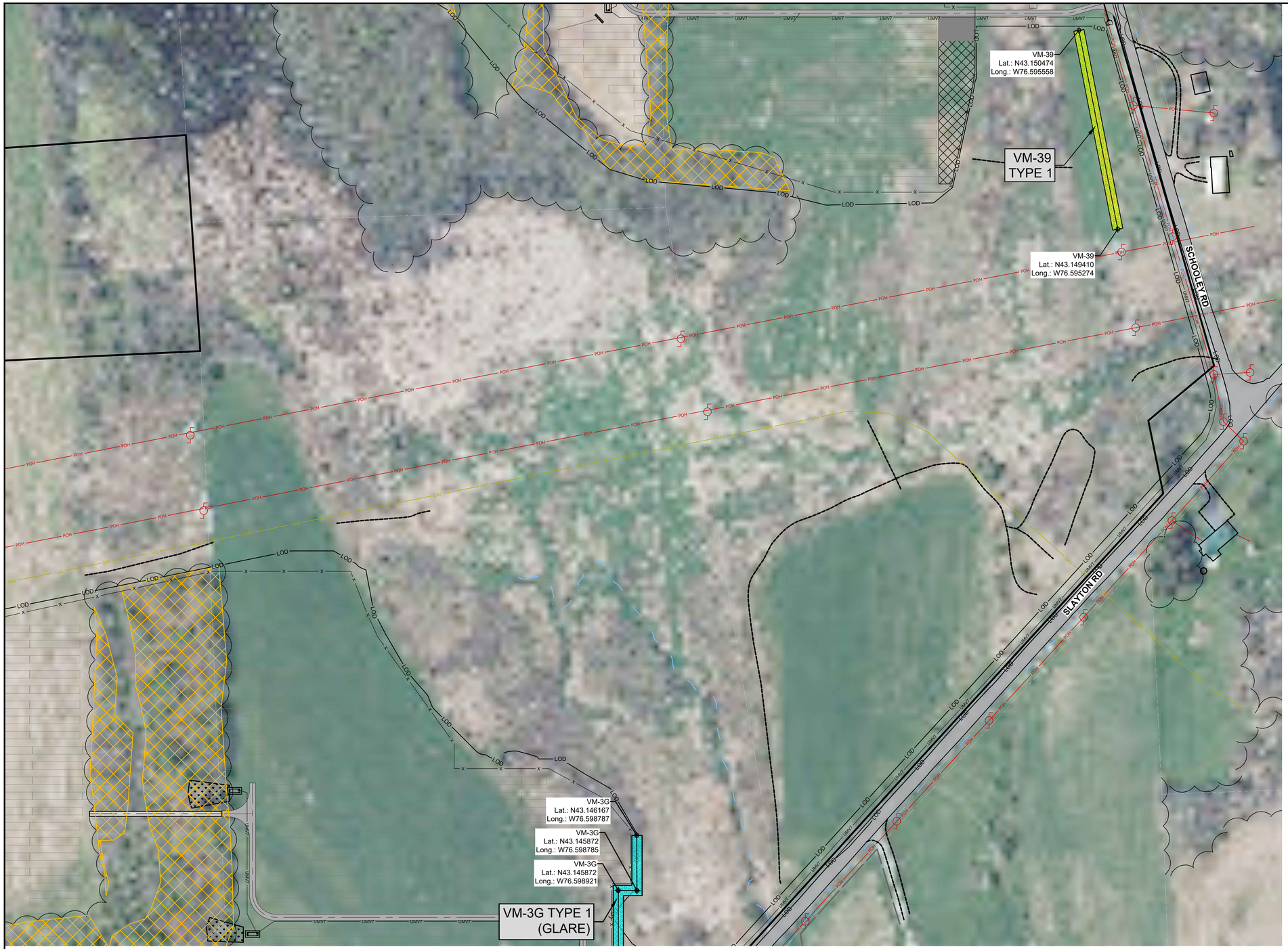

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-39
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: VM-3G
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
255	VM-39	N 43.149410	W 76.595274
256	VM-39	N 43.150474	W 76.595558

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE			
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
323	VM-3G	N 43.145430	W 76.598508
324	VM-3G	N 43.145430	W 76.598921
325	VM-3G	N 43.145872	W 76.598921
326	VM-3G	N 43.145872	W 76.598785
327	VM-3G	N 43.146167	W 76.598787

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REV. 1

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-40
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: NONE
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE

POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
257	VM-40	N 43.151201	W 76.607035
258	VM-40	N 43.153107	W 76.607356
259	VM-40	N 43.153533	W 76.607074
260	VM-40	N 43.154111	W 76.607074
261	VM-40	N 43.154187	W 76.606584
262	VM-40	N 43.154466	W 76.606451

N

0 100 200 300 400
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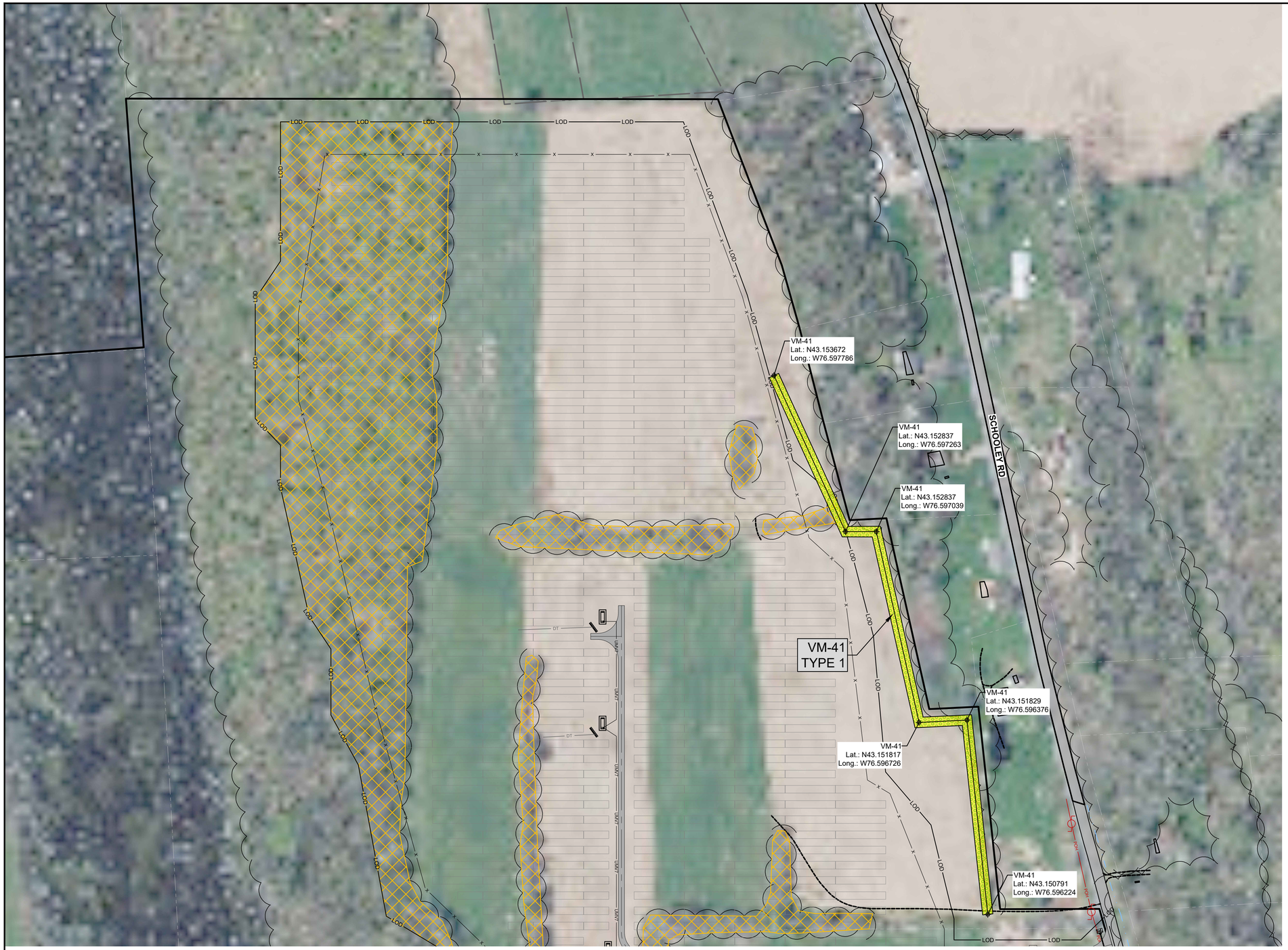

LEGEND

PROPOSED FEATURES

- VISUAL MITIGATION DELINEATION : VM-41
- VISUAL MITIGATION DELINEATION - GLARE REDUCTION: NONE
- TYPICAL TREE CLEARING AREA

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE

POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE
245	VM-41	N 43.150791	W 76.596224
264	VM-41	N 43.151829	W 76.596376
265	VM-41	N 43.151817	W 76.596726
266	VM-41	N 43.152837	W 76.597039
267	VM-41	N 43.152837	W 76.597263
335	VM-41	N 43.153672	W 76.597786

N

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GENERAL LANDSCAPE AND SEEDING NOTES

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 EQUAL. 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.

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.

   PLANTING SOIL MIXTURE:
   2 PARTS PEAT MOSS
   5 PARTS TOPSOIL
   MYCORRHIZA 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 WITH THEIR MAIN LEADER INTACT UNLESS OTHERWISE STATED. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, 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 SOWED 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.

SOLAR FARM GRASS SEED MIXES

NATIVE/NATURALIZED SOLAR FARM SEED MIX				
BOTANICAL NAME	COMMON NAME	MIX CONCENTRATION	RATE (LBS/ACRE)	RATE (LBS/1000 FT^2)
FESTUCA RUBRA	CREEPING RED FESCUE	34%	262	6
FESTUCA OVINA	SHEEP FESCUE	33%		
FESTUCA BREVIPILA 'BEACON'	HARD FESCUE 'BEACON'	10%		
FESTUCA OVINA VAR. DURIUSCULA '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.

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	57	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	80	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	87	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	104	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	127	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	100	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	112	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	90	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	105	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	112	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	70	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - OVERALL PLANTING TOTALS

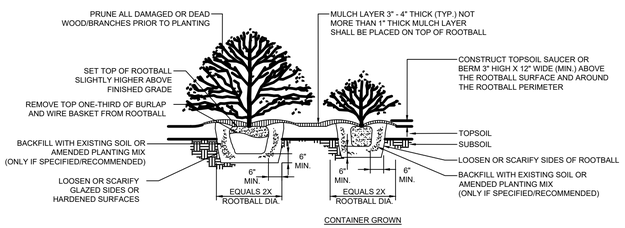
LANDSCAPE PLANTING SCHEDULE — VISUAL MITIGATION PLANTING TEMPLATE TYPES 1, 2 & 3

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	284	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	573	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	448	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	721	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	926	5'-6' HT.	B&B	40'-50' HT.

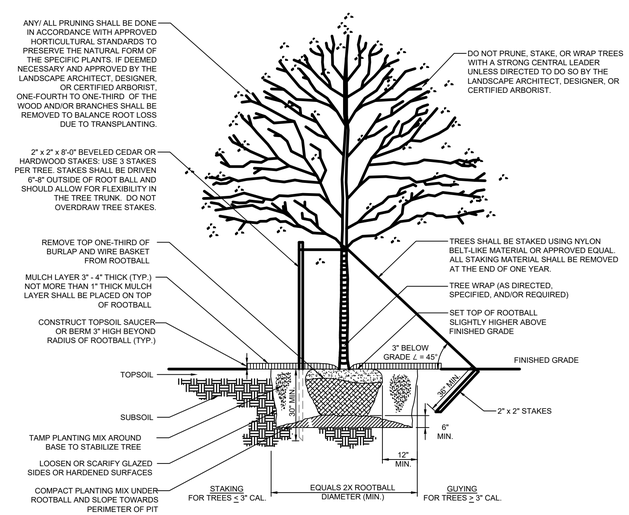
SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	621	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	730	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	516	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	684	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	671	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	369	24"-30" HT.	#3/5 CONT.	8'-10' HT.



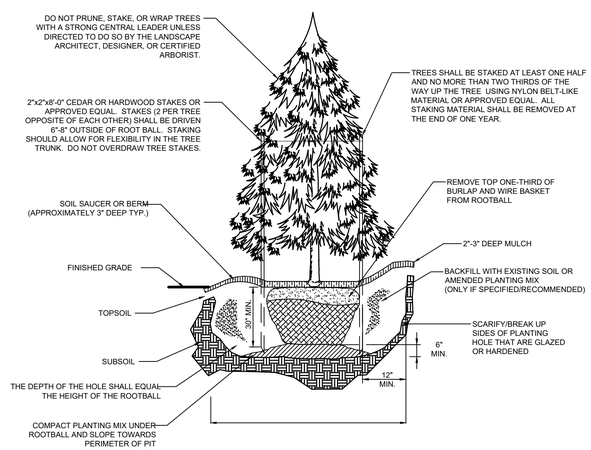
SHRUB PLANTING DETAIL

N.T.S.



NATIVE/DECIDUOUS TREE PLANTING DETAIL

N.T.S.



EVERGREEN TREE PLANTING DETAIL

N.T.S.

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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PRELIMINARY
NOT FOR CONSTRUCTION

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

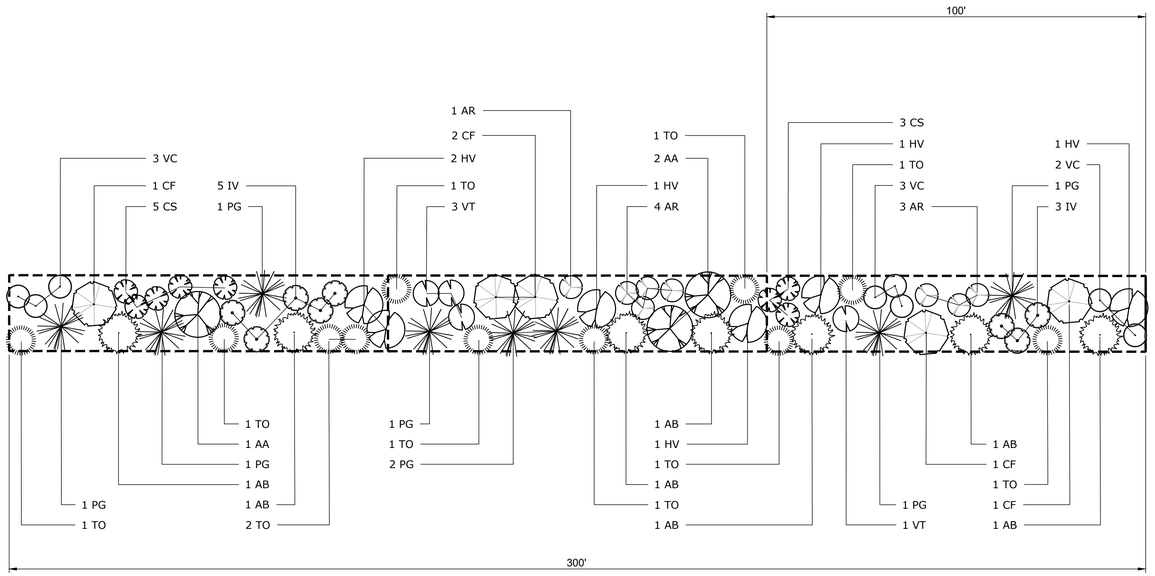
TRC
4900 RITTER ROAD
MECHANICSBURG, PA 17055
TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR DESIGNED
TF/GT DRAWN
MR CHECKED
MR APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE
AS NOTED SCALE
TRC
L2.01
REV. 1



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 - TYPE 1

N.T.S.

LEGEND - VM1

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 1

TOTAL MITIGATION LENGTH = 135 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	2	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 - VM2

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 1

TOTAL MITIGATION LENGTH = 1,505 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	15	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	35	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	25	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	40	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	55	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	40	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	40	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	30	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	40	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	40	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	20	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM3

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 1

TOTAL MITIGATION LENGTH = 120 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	1	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	5	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 - VM4

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 1

TOTAL MITIGATION LENGTH = 370 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	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	11	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	8	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	13	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	10	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 PLANTING - TYPE 1 (CONT. TO L2.06)

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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
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR DESIGNED

TF/GT DRAWN

MR CHECKED

MR APPROVED

REVIEW 1

REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE

AS NOTED SCALE

TRC

L2.02

REV. 1

LEGEND - VM5

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 465 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	10	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	8	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	14	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	18	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	10	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	13	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	13	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM6

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 1,095 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	12	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	26	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	18	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	30	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	41	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	29	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	29	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	22	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	29	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	27	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	15	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM9

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 2,280 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	23	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	52	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	38	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	62	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	84	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	61	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	61	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	45	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	61	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	59	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	31	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM11

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 1,235 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	12	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	29	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	21	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	33	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	45	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	34	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	24	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	32	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	16	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM12

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 170 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	4	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 - VM13

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 665 LF

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	15	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	11	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	18	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	24	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	16	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	12	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	17	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	19	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	8	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM14

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 655 LF

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	15	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	11	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	18	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	23	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	16	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	20	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	12	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	16	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	19	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	8	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM16

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 370 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	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	11	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	8	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	13	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	10	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.

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.

Dig Safely. New York Call 811 before you dig

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
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR DESIGNED
TF/GT DRAWN
MR CHECKED
MR APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE
AS NOTED SCALE

TRC

L2.03

REV. 1

LEGEND - VM17

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 1,000 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	23	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	16	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	27	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	37	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	24	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	29	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	20	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	29	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	27	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	12	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM18

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 430 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	7	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	17	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	13	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	8	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM19

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 835 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	9	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	19	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	14	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	23	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	32	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	21	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	24	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	17	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	21	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	21	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	12	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM20

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 295 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	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.

LEGEND - VM21

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 390 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	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	11	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	14	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	13	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	13	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 - VM22

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 100 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	1	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	3	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	4	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	0	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM23

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 130 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	2	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	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 - VM24

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 440 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	8	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	17	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	13	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	8	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

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PRELIMINARY
NOT FOR CONSTRUCTION

PREPARED FOR:

NEXTera ENERGY

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Juno Beach, FL 33408

TRC
4900 RITTER ROAD
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR — DESIGNED
TF/GT — DRAWN
MR — CHECKED
MR — APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 — DATE
AS NOTED — SCALE

TRC

L2.04

REV. 1

LEGEND - VM26

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 800 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	9	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	18	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	13	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	22	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	30	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	21	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	16	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	21	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	19	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	11	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM29

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 460 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	8	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	14	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	18	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	9	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	13	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	13	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM30

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 2,245LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	22	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	51	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	38	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	62	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	82	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	56	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	61	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	44	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	61	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	59	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	31	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM31

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 970 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	22	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	16	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	27	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	35	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	24	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	29	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	18	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	29	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	24	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	12	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM32

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 1,055 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	23	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	18	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	30	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	40	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	25	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	29	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	21	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	29	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	27	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	15	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM33

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 180 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	2	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	5	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 - VM34

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 220 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	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	9	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	5	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	7	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 - VM35

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH = 420 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	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	12	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	16	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	13	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	8	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

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TRC PROJECT NO: 380342.LAND

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MR DESIGNED
TF/GT DRAWN
MR CHECKED
MR APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE
AS NOTED SCALE

TRC

L2.05

REV. 1

LEGEND - VM36

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 1,420 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	15	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	33	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	53	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	37	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	40	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	29	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 - VM39

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 395 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	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	15	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	13	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	7	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	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 - VM40

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 1,325 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	21	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	36	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	32	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 - VM41

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 1,250 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	23	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	16	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	27	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	37	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	24	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	29	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	20	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	29	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	27	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	12	24"-30" HT.	#3/5 CONT.	8'-10' HT.

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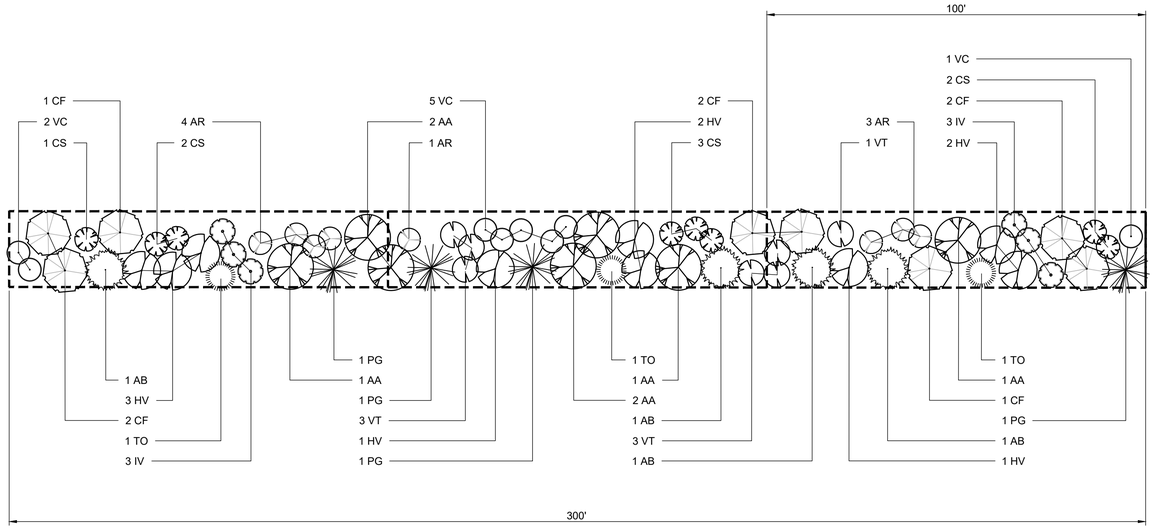
L2.06

REV. 1



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 - TYPE 2

N.T.S.

LEGEND - VM10

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 2

TOTAL MITIGATION LENGTH = 320 LF

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	10	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.

LEGEND - VM15

LANDSCAPE PLANTING SCHEDULE

PLANTING TEMPLATE TYPE 2

TOTAL MITIGATION LENGTH = 400 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	9	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	12	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	4	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	12	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	11	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	12	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	9	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	7	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION PLANTING - TYPE 2 (CONT. TO L2.08)

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Juno Beach, FL 33408

TRC

4900 RITTER ROAD
MECHANICSBURG, PA 17055

TRC PROJECT NO: 380342.LAND

REV	DESCRIPTION	DATE	DES	CHK	APP
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR DESIGNED

TF/GT DRAWN

MR CHECKED

MR APPROVED

REVIEW 1

REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE

AS NOTED SCALE

TRC

L2.07

REV. 1

LEGEND - VM27

PLANTING TEMPLATE TYPE 2

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 865 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	21	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	12	5'-6' HT.	B&B	40'-60' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	25	1" CAL. MIN.	B&B	15'-25' HT.
PG	PICEA GLAUCA WHITE SPRUCE	11	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	9	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	24	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	22	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	15	24"-30" HT.	#3/5 CONT.	10'-12' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	26	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	18	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM28

PLANTING TEMPLATE TYPE 2

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 325 LF

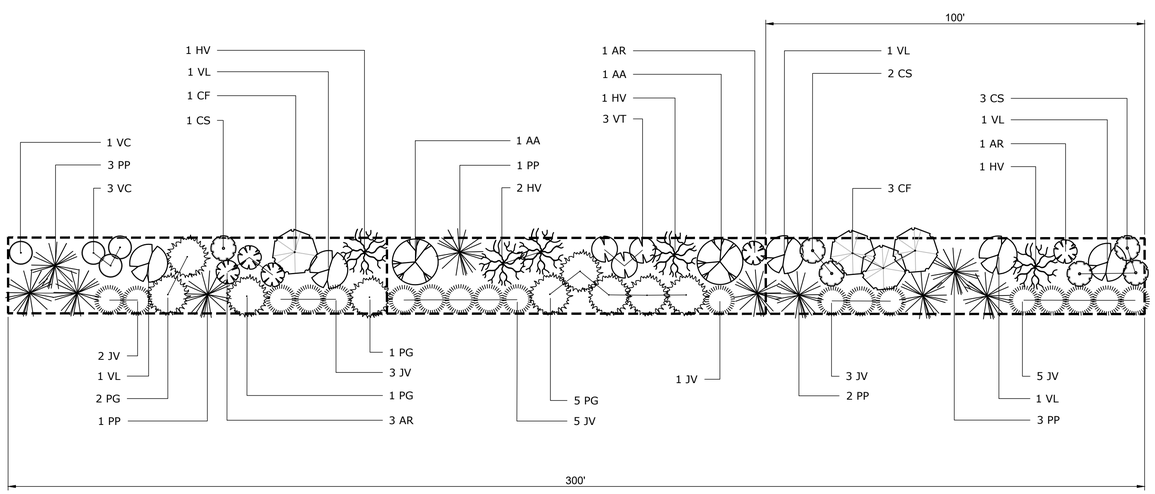
DECIDUOUS AND EVERGREEN TREES

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	11	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	9	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	10	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 - TYPE 2 (CONT.)



VISUAL MITIGATION PLANTING TEMPLATE - TYPE 3

N.T.S.

LEGEND

VISUAL MITIGATION PLANTING TEMPLATE - TYPE 3

LANDSCAPE PLANTING SCHEDULE (MAXIMUM VISUAL BUFFER/SCREENING EFFORT)

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	2	6'-8' HT. CLUMP	B&B	15'-20' HT.
CF	CORNUS FLORIDA FLOWERING DOGWOOD	4	2" CAL. MIN.	B&B	15'-25' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	19	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	9	5'-6' HT.	B&B	40'-60' HT.
PP	PICEA PUNGENS BLUE SPRUCE	10	2" CAL. MIN.	B&B	50'-70' HT.

SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	5	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	5	3'-4' HT.	B&B	15'-25' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	4	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VL	VIBURNUM LENTAGO NANNYBERRY	5	24"-30" HT.	#3/5 CONT.	15'-20' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	3	24"-30" HT.	#3/5 CONT.	8'-10' HT.

LEGEND - VM25

PLANTING TEMPLATE TYPE 3

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 670 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	21	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	47	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	35	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	12	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	6	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	9	24"-30" HT.	#3/5 CONT.	8'-10' HT.

VISUAL MITIGATION PLANTINGS - TYPE 3

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TRC PROJECT NO: 380342.LAND

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LANDSCAPE NOTES & DETAILS
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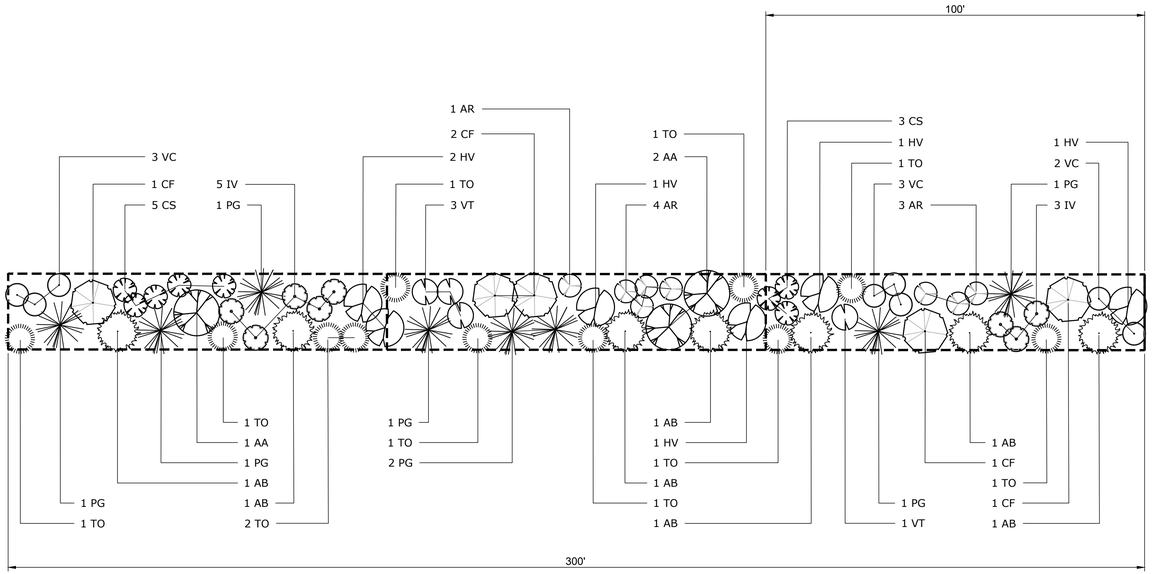
01/07/2022 DATE

AS NOTED SCALE

TRC

L2.08

REV. 1



GLARE: VISUAL MITIGATION PLANTING TEMPLATE - TYPE 1

N.T.S.

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.

LEGEND - VM-1G

PLANTING TEMPLATE - TYPE 1

LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH FOR GLARE = 165 LF

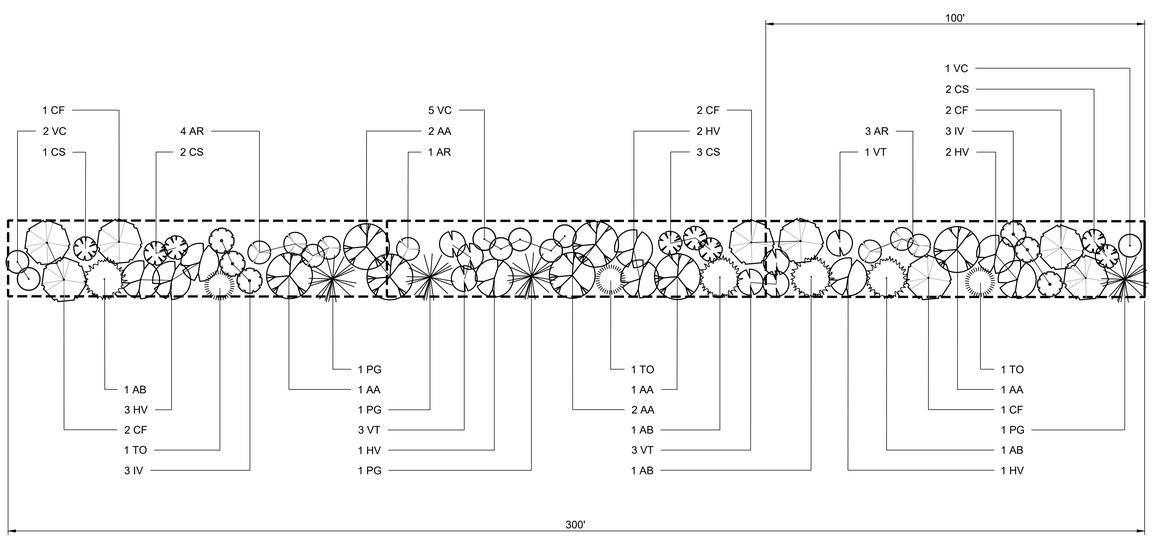
DECIDUOUS AND EVERGREEN TREES

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.

GLARE: MITIGATION PLANTINGS - TYPE 1 (CONT. TO L2.10)



GLARE: VISUAL MITIGATION PLANTING TEMPLATE - TYPE 2

N.T.S.

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.

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.

GLARE: MITIGATION PLANTINGS - TYPE 2

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TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 DATE
AS NOTED SCALE

TRC

L2.09

REV. 1

LEGEND - VM-2G

PLANTING TEMPLATE - TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH FOR GLARE = 1,380 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	14	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	31	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	51	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	37	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	27	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 = 415 LF

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	4	6'-8' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	9	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	12	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	16	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	13	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	8	3'-4' HT.	B&B	15'-25' HT.
IV	ILEX VERTICILLATA COMMON WINTERBERRY	13	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	5	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.

LEGEND - VM-4 EXTENDED

PLANTING TEMPLATE - TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 45 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	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	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.
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 = 265 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	4	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	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	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	6	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 = 320 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	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	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-32 EXTENDED

PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE — TOTAL MITIGATION LENGTH EXTENDED FOR GLARE = 225 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	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	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	5	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	3	24"-30" HT.	#3/5 CONT.	6'-12' HT.
VT	VIBURNUM TRILOBUM AMERICAN CRANBERRY	4	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.

Dig Safely. New York Call 811 before you dig

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
01	COMBINED VISUAL MITIGATION AND GLARE PLANTING PLANS	01/05/2022	GT	MR	MR

MR — DESIGNED
TF/GT — DRAWN
MR — CHECKED
MR — APPROVED
REVIEW 1
REVIEW 2

PRELIMINARY
LANDSCAPE SCREENING & PLANTING SCHEDULES
GARNET ENERGY CENTER, LLC
LANDSCAPE NOTES & DETAILS
TOWN OF CONQUEST
CAYUGA COUNTY, NY

01/07/2022 — DATE
AS NOTED — SCALE

TRC

L2.10

REV. 1