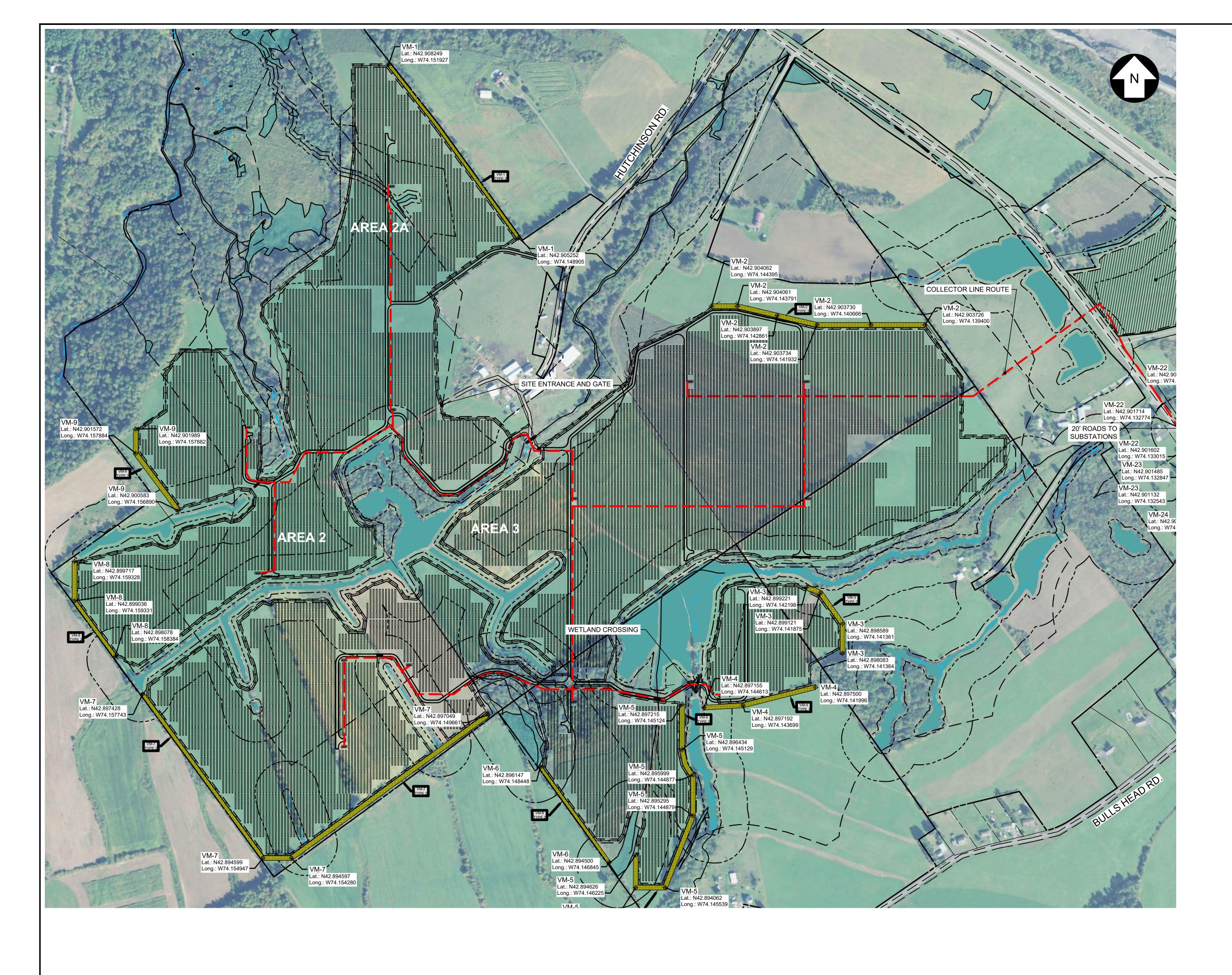


UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.



Point #	MITIGATION SECTION	MITIGATION TYPE	MITIGATION LENGTH	LATITUDE	LONGITUDE	COMMENTS	
1	VM-1	TYPE 2	1360'	N 42.908257	W 74.151923	WIDTH MAY BE RESTRICTED DUE TO	
2	VM-1		1000	N 42.905260	W 74.148900	EXISTING VEGETATION	
3	VM-2			N 42.904071	W 74.144390		
4	VM-2			N 42.904069	W 74.143786		
5	VM-2	T)/DE 0	4050	N 42.903905	W 74.142857		
6	VM-2	TYPE 2	1352'	N 42.903742	W 74.141927		
7	VM-2			N 42.903738	W 74.140662		
8	VM-2			N 42.903734	W 74.139396		
9	VM-3			N 42.899229	W 74.142194		
10	VM-3	TVDE 2	F46!	N 42.899129	W 74.141870		
11	VM-3	TYPE 2	516'	N 42.898597	W 74.141356		
12	VM-3			N 42.898091	W 74.141359		
13	VM-4			N 42.897508	W 74.141992		
14	VM-4	TYPE 1	715'	N 42.897200	W 74.143695		
15	VM-4			N 42.897163	W 74.144609		
16	VM-5			N 42.897223	W 74.145120		
17	VM-5			N 42.896442	W 74.145124		
18	VM-5			N 42.896007	W 74.144872		
19	VM-5	TYPE 2	1590'	N 42.895303	W 74.144875		
20	VM-5			N 42.894070	W 74.145535		
21	VM-5			N 42.894072	W 74.146223		
22	VM-5			N 42.894634	W 74.146223		
23	VM-6	TVDE 0	7001	N 42.894509	W 74.146841		
24	VM-6	TYPE 2	738'	N 42.896155	W 74.148443		
25	VM-7			N 42.897057	W 74.149656		
26	VM-7	TYPE 2	2980'	N 42.894605	W 74.154276	WIDTH MAY BE RESTRICTED DUE TO	
27	VM-7	111762	2900	N 42.894607	W 74.154943	EXISTING VEGETATION	
28	VM-7			N 42.897436	W 74.157738		
32	VM-8			N 42.898086	W 74.158380		
33	VM-8	TYPE 2	680'	N 42.899044	W 74.159327	WIDTH MAY BE RESTRICTED DUE TO	
34	VM-8			N 42.899725	W 74.159323		
40	VM-9			N 42.900592	W 74.156885		
41	VM-9	TYPE 2	600'	N 42.901580	W 74.157880		
42	VM-9	1		N 42.901997	W 74.157877		

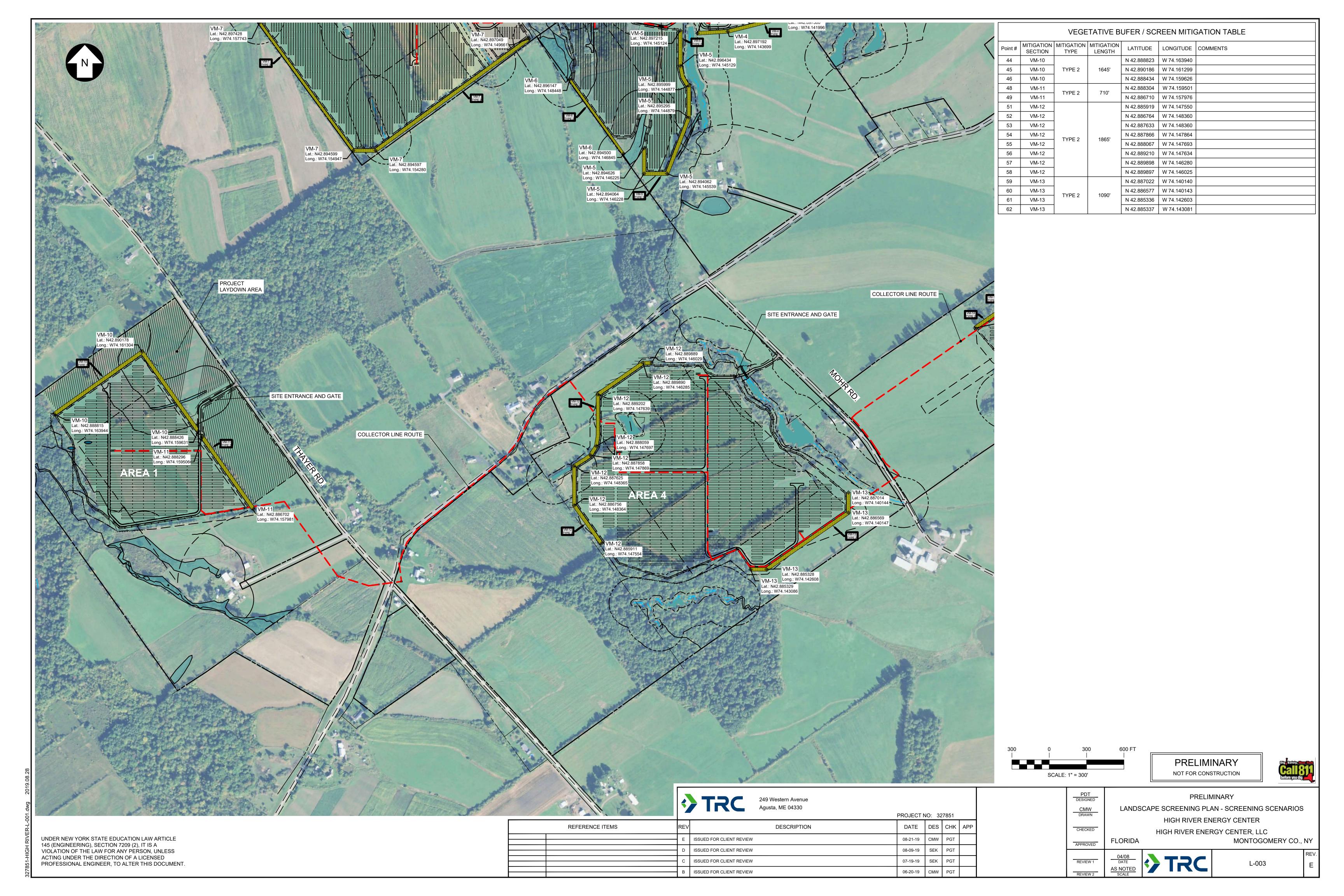
UNDER NEW YORK STATE EDUCATION LAW ARTICLE	300	0	200	600 ET	
145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS			300	600 FT 	PRELIMINARY
ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.		SCALE:	1" = 300'		NOT FOR CONSTRUCTION

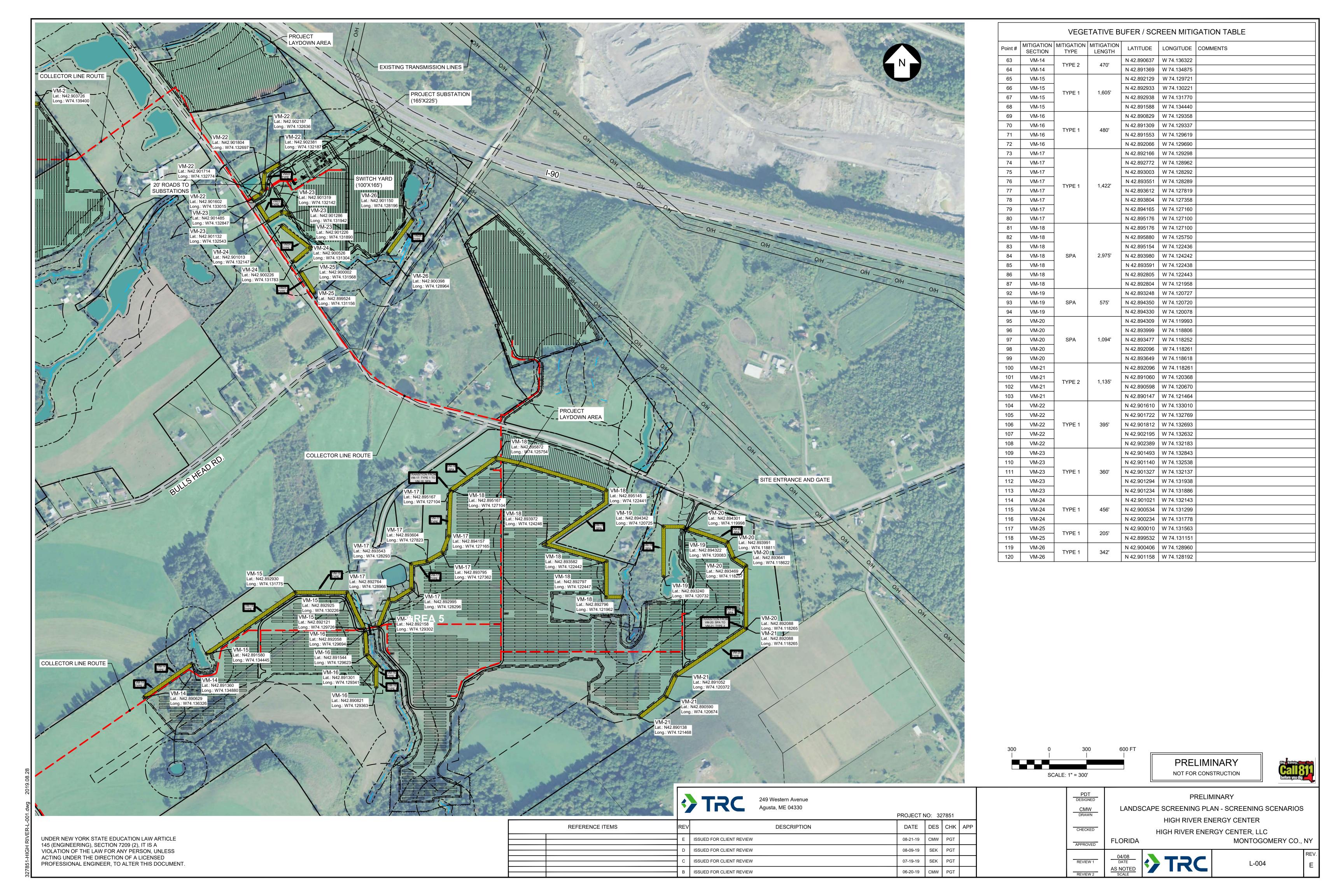
		<b>\</b>	249 Western Avenue Agusta, ME 04330	PROJECT N	NO: 32	7851	
	REFERENCE ITEMS	REV	DESCRIPTION	DATE	DES	СНК	APP
		E	ISSUED FOR CLIENT REVIEW	08-21-19	CMW	PGT	
Safely. New York		D	ISSUED FOR CLIENT REVIEW	08-09-19	SEK	PGT	
<b>all 811</b>		С	ISSUED FOR CLIENT REVIEW	07-19-19	SEK	PGT	
reyoudig		В	ISSUED FOR CLIENT REVIEW	06-20-19	CMW	PGT	

PDT DESIGNED PRELIMINARY LANDSCAPE SCREENING PLAN - SCREENING SCENARIOS HIGH RIVER ENERGY CENTER CHECKED HIGH RIVER ENERGY CENTER, LLC MONTOGOMERY CO., NY FLORIDA APPROVED REVIEW 1

L-002

REVIEW 2





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 SHALL BE MULCHED TO A DEPTH OF 2" AND SHREDDED HARDWOOD BARK MULCH SHALL BE USED FOR SHRUB MASSING AREAS.

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.

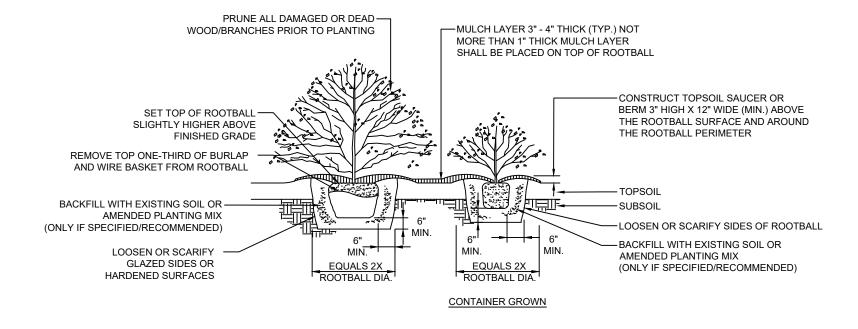
8. LANDSCAPE PLANTING PITS MUST BE FREE DRAINING. PAVEMENT, COMPACTED SUBGRADE, AND BLASTED ROCK SHALL BE REMOVED TO A DEPTH OF 2' OR TO A GREATER DEPTH IF REQUIRED BY PLANTING DETAILS OR SPECIFICATIONS. REPLACE SOIL WITH MODERATELY COMPACTED LOAM OR SANDY LOAM FREE FROM STONES AND RUBBISH 1" OR GREATER 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

2 PARTS PEAT MOSS 5 PARTS TOPSOIL

MYCORHIZA 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 ANAYLSIS

- 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.



SHRUB PLANTING DETAIL

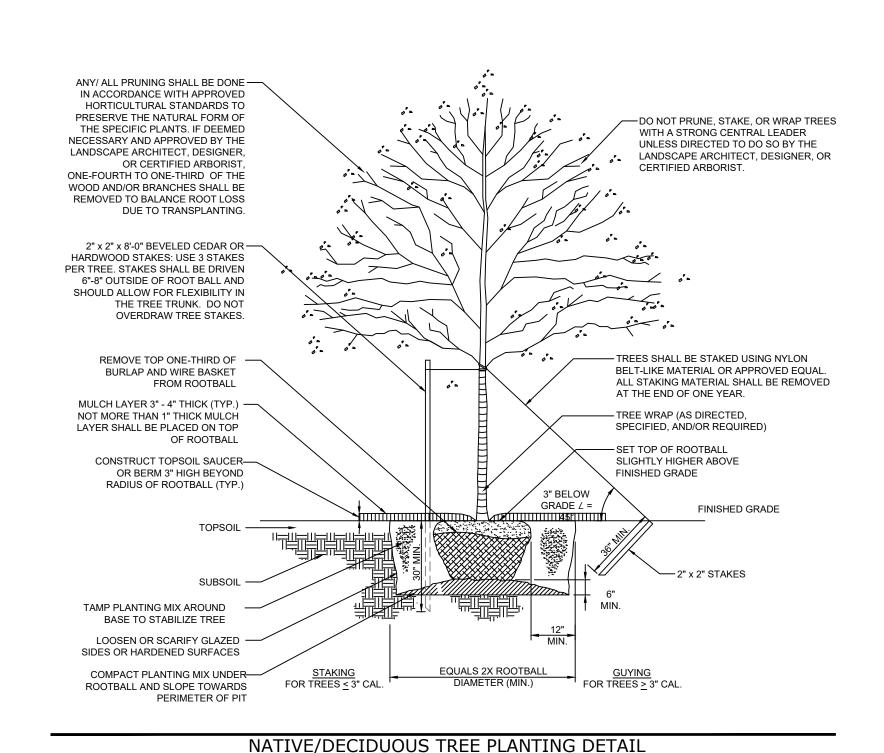
DO NOT PRUNE, STAKE, OR WRAP TREES — WITH A STRONG CENTRAL LEADER UNLESS DIRECTED TO DO SO BY THE LANDSCAPE ARCHITECT, DESIGNER, OR CERTIFIED TREES SHALL BE STAKED AT LEAST ONE HALF AND NO MORE THAN TWO THIRDS OF THE WAY UP THE TREE USING NYLON BELT-LIKE MATERIAL OR APPROVED FOUAL ALL 2"x2"x8'-0" CEDAR OR HARDWOOD STAKES OR — STAKING MATERIAL SHALL BE REMOVED AT APPROVED EQUAL. STAKES (2 PER TREE THE END OF ONE YEAR. OPPOSITE OF EACH OTHER) SHALL BE DRIVEN 6"-8" OUTSIDE OF ROOT BALL. STAKING SHOULD ALLOW FOR FLEXIBILITY IN THE TREE TRUNK. DO NOT OVERDRAW TREE STAKES. REMOVE TOP ONE-THIRD OF BURLAP AND WIRE BASKET FROM ROOTBALL SOIL SAUCER OR BERM-APPROXIMATELY 3" DEEP TYP.) --- 2"-3" DEEP MULCH FINISHED GRADE --BACKFILL WITH EXISTING SOIL OR AMENDED PLANTING MIX (ONLY IF SPECIFIED/RECOMMENDED) TOPSOIL -SCARIFY/BREAK UP SIDES OF PLANTING HOLE THAT ARE GLAZED SUBSOIL -THE DEPTH OF THE HOLE SHALL EQUAL-THE HEIGHT OF THE ROOTBALL COMPACT PLANTING MIX UNDER-

EVERGREEN TREE PLANTING DETAIL

N.T.S.

ROOTBALL AND SLOPE TOWARDS

PERIMETER OF PIT



**LEGEND** VISUAL MITIGATION PLANTING TEMPLATE TYPE 1

LANDSCAPE PLANTING SCHEDULE TOTALS (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	36	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	81	5'-6' HT.	B&B	45'-65' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	70	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	87	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	56	2" CAL. MIN.	B&B	50'-70' HT.
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	621	5'-6' HT.	B&B	40'-60' HT.

#### SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	203	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	185	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	106	3'-4' HT.	B&B	15'-25' HT
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	165	24"-30" HT.	#3/5 CONT.	3'-6' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	103	24"-30" HT.	#3/5 CONT.	6'-12' HT.

# **LEGEND** VISUAL MITIGATION PLANTING TEMPLATE TYPE 2

LANDSCAPE PLANTING SCHEDULE TOTALS (REDUCED VISUAL BUFFER/SCREENING EFFORT)

#### DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	106	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	438	5'-6' HT.	B&B	45'-65' HT.
PG	PICEA GLAUCA WHITE SPRUCE	230	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	134	2" CAL. MIN.	B&B	50'-70' HT.
ТО	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	582	5'-6' HT.	B&B	40'-60' HT.

### SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	328	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD		24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	529	3'-4' HT.	B&B	15'-25' HT.
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	329	24"-30" HT.	#3/5 CONT.	3'-6' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	408	24"-30" HT.	#3/5 CONT.	6'-12' HT.

# **LEGEND** VISUAL MITIGATION PLANTING TEMPLATE TYPES 1 AND 2

LANDSCAPE PLANTING SCHEDULE OVERALL PLANTING TOTALS

DECIDU	IOUS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	142	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	519	5'-6' HT.	B&B	45'-65' HT.
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	70	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	317	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	192	2" CAL. MIN.	B&B	50'-70' HT.
ТО	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	1,203	5'-6' HT.	B&B	40'-60' HT.

# SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURI HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	531	24"-30" HT.	#3/5 CONT.	7'-10' HT
cs	CORNUS SERICEA RED TWIG DOGWOOD	556	24"-30" HT.	#3/5 CONT.	7'-9' HT
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	635	3'-4' HT.	B&B	15'-25' H
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	494	24"-30" HT.	#3/5 CONT.	3'-6' HT
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	511	24"-30" HT.	#3/5 CONT.	6'-12' HT

#### **SOLAR FARM GRASS SEED MIXES**

BOTANICAL NAME	COMMON NAME	MIX CONCENTRATION	RATE (LBS/ACRE)	RATE (LBS/1000 FT <sup>2</sup> )	
FESTUCA RUBRA	CREEPING RED FESCUE	34%			
FESTUCA OVINA	SHEEP FESCUE	33%			
FESTUCA BREVIPILA 'BEACON'	HARD FESCUE 'BEACON'	10%			
FESTUCA OVINA VAR. DURIUSCULA 'RHINO'	HARD FESCUE 'RHINO'	5%		6	
FESTUCA OVINA VAR. GLAUCA (F. ARVERNENSIS) (F. GLAUCA), 'BLUE RAY'	BLUE FESCUE 'BLUE RAY'	5%	262		
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** VISUAL MITIGATION PLANTING TEMPLATE SPECIAL PLANTING AREA LANDSCAPE PLANTING SCHEDULE TOTALS (INCREASED SIZE IN NURSERY STOCK)

#### **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	60	7'-8' HT.	B&B	45'-65' HT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	54	7'-8' HT.	B&B	40'-50' HT
NS	NYSSA SYLVATICA BLACK GUM	47	2 1/2" CAL. MIN.	B&B	40'-60' HT
PG	PICEA GLAUCA WHITE SPRUCE	56	7'-8' HT.	B&B	40'-60' HT
PS	PRUNUS SEROTINO BLACK CHERRY	44	2" CAL. MIN.	B&B	50'-70' HT
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	490	7'-8' HT.	B&B	40'-60' HT

# $\underline{\mathsf{SHRUBS}}$

REVIEW 1

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	CORNUS SERICEA		24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS			24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	83	3'-4' HT.	B&B	15'-25' HT.
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	135	24"-30" HT.	#3/5 CONT.	3'-6' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	97	24"-30" HT.	#3/5 CONT.	6'-12' HT.

NOTE: PLANTING TOTALS FOR SPECIAL PLANTING AREAS ARE KEPT SEPARATE DUE TO INCREASED SIZES OF PROPOSED NURSERY STOCK

PRELIMINARY NOT FOR CONSTRUCTION



PROJECT NO: 327851 REFERENCE ITEMS **DESCRIPTION** DATE DES CHK APF UNDER NEW YORK STATE EDUCATION LAW ARTICLE ISSUED FOR CLIENT REVIEW 08-21-19 CMW 145 (ENGINEERING), SECTION 7209 (2), IT IS A ISSUED FOR CLIENT REVIEW 08-09-19 SEK PGT VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED 07-19-19 SEK ISSUED FOR CLIENT REVIEW PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT. ISSUED FOR CLIENT REVIEW 06-20-19 CMW

PDT PRELIMINARY

CMW LANDSCAPE NOTES, DETAILS & PLANTING SCHEDULES

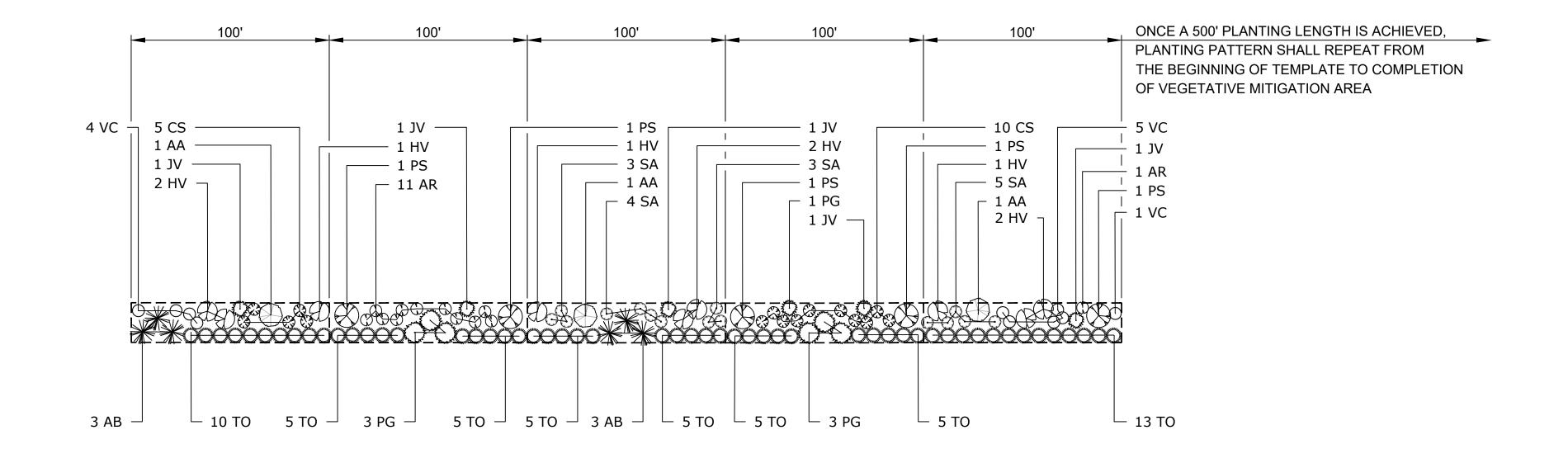
HIGH RIVER ENERGY CENTER

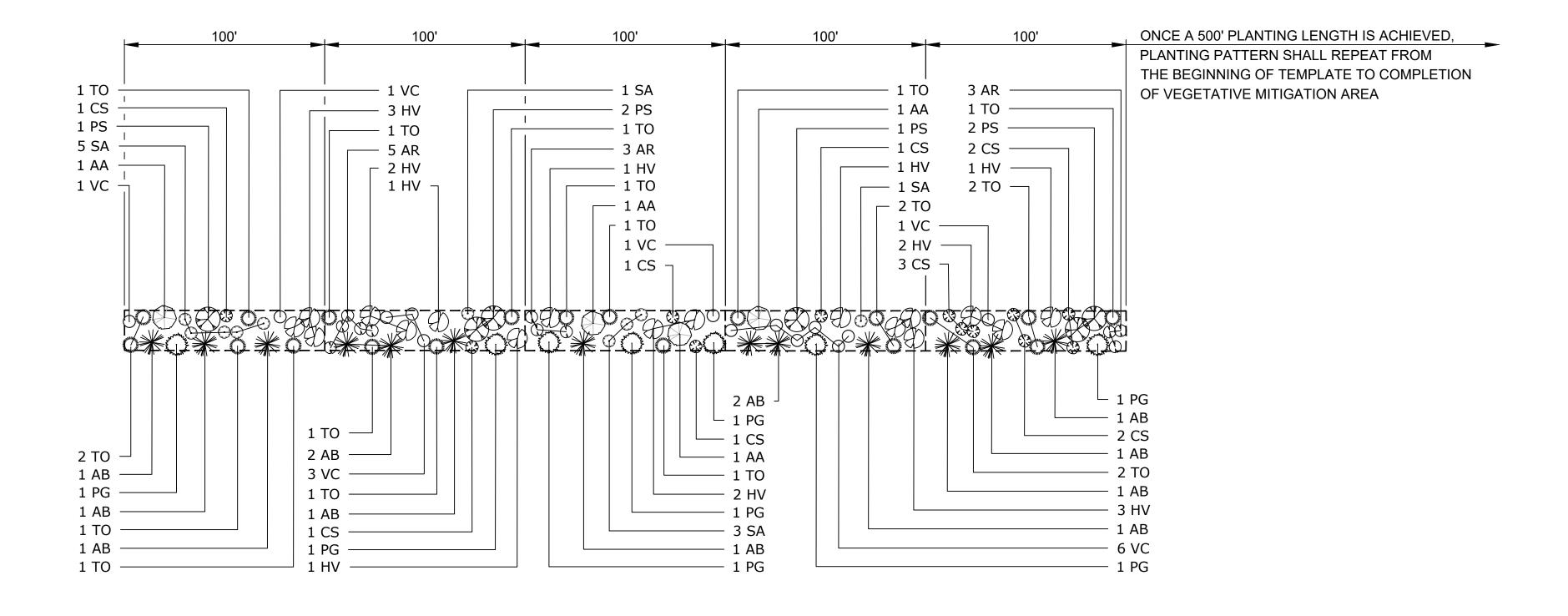
HIGH RIVER ENERGY CENTER, LLC

APPROVED FLORIDA MONTOGOMERY CO., NY

RC

L-005





# LEGEND VISUAL MITIGATION PLANTING TEMPLATE TYPE I

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	3	5'-6' HT. CLUMP	B&B	15'-20' HT.	
АВ	ABIES BALSAMEA BALSAM FIR		5'-6' HT.	B&B	45'-65' HT.	
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR		5'-6' HT.	B&B	40'-50' HT.	
PG	PICEA GLAUCA WHITE SPRUCE	6	5'-6' HT.	B&B	40'-60' HT.	
PS	PRUNUS SEROTINO BLACK CHERRY		2" CAL. MIN.	B&B	50'-70' HT.	
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	53	5'-6' HT.	B&B	40'-60' HT.	

#### SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT	
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY		24"-30" HT.	#3/5 CONT.	7'-10' HT.	
cs	CS CORNUS SERICEA RED TWIG DOGWOOD		24"-30" HT.	#3/5 CONT.	7'-9' HT.	
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	9	3'-4' HT.	B&B	15'-25' HT.	
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	15	24"-30" HT.	#3/5 CONT.	3'-6' HT.	
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	10	24"-30" HT.	#3/5 CONT.	6'-12' HT.	

# **LEGEND** VISUAL MITIGATION PLANTING TEMPLATE TYPE 2

LANDSCAPE PLANTING SCHEDULE (REDUCED VISUAL BUFFER/SCREENING EFFORT)

# DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME		SIZE	ROOT	MATURE HEIGHT	
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH		5'-6' HT. CLUMP	B&B	15'-20' HT.	
AB	ABIES BALSAMEA BALSAM FIR		5'-6' HT.	B&B	45'-65' HT.	
PG	PICEA GLAUCA WHITE SPRUCE	7	5'-6' HT.	B&B	40'-60' HT.	
PS	PRUNUS SEROTINO BLACK CHERRY	4	2" CAL. MIN.	B&B	50'-70' HT.	
ТО	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	17	5'-6' HT.	B&B	40'-60' HT.	

# SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME		SIZE	ROOT	MATURE HEIGHT	
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY		24"-30" HT.	#3/5 CONT.	ONT. 7'-10' HT.	
CS	CORNUS SERICEA RED TWIG DOGWOOD		24"-30" HT.	#3/5 CONT.	7'-9' HT.	
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL		3'-4' HT.	B&B	15'-25' HT.	
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY		24"-30" HT.	#3/5 CONT.	3'-6' HT.	
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	12	24"-30" HT.	#3/5 CONT.	6'-12' HT.	

PDT DESIGNED

CMW DRAWN

CHECKED

APPROVED

REVIEW 1

PRELIMINARY



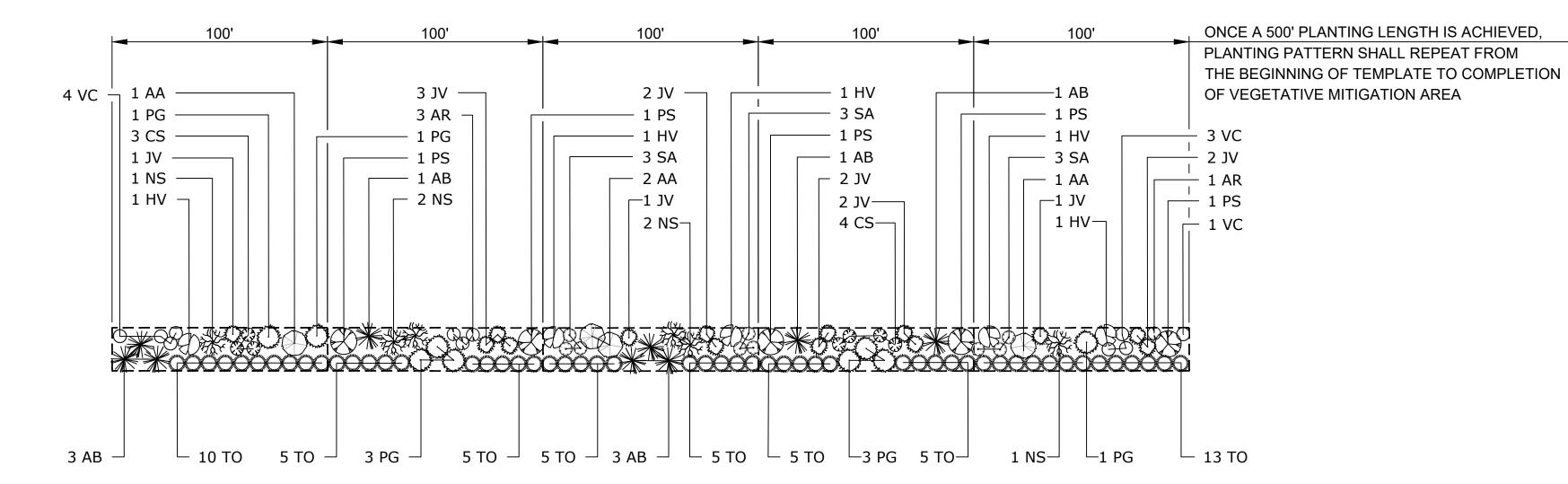
PROJECT NO: 327851 REFERENCE ITEMS DESCRIPTION DATE DES CHK APP UNDER NEW YORK STATE EDUCATION LAW ARTICLE E ISSUED FOR CLIENT REVIEW 08-21-19 CMW PGT 145 (ENGINEERING), SECTION 7209 (2), IT IS A ISSUED FOR CLIENT REVIEW 08-09-19 SEK PGT VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ISSUED FOR CLIENT REVIEW 07-19-19 SEK PGT PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT. ISSUED FOR CLIENT REVIEW 06-20-19 CMW

NOT FOR CONSTRUCTION PRELIMINARY

LANDSCAPE SCREENING TEMPLATES & PLANTING SCHEDULES

HIGH RIVER ENERGY CENTER HIGH RIVER ENERGY CENTER, LLC FLORIDA MONTOGOMERY CO., NY

L-006



**LEGEND** 

VISUAL MITIGATION PLANTING TEMPLATE - SPECIAL PLANTING AREA LANDSCAPE PLANTING SCHEDULE (MAXIMUM VISUAL BUFFER/SCREENING EFFORT WITH MATURE NURSERY STOCK)

DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME		SIZE	ROOT	MATURE HEIGHT	
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH		6'-8' HT. CLUMP	B&B	15'-20' HT.	
AB	ABIES BALSAMEA BALSAM FIR		7'-8' HT.	7'-8' HT. B&B		
JV	JV JUNIPERUS VIRGINIANA EASTERN RED CEDAR		7'-8' HT. B&B		40'-50' HT.	
NS	NYSSA SYLVATICA BLACK GUM		2 1/2" CAL. MIN.	B&B	40'-60' HT.	
PG	PICEA GLAUCA WHITE SPRUCE		7'-8' HT.	B&B	40'-60' HT.	
PS	PRUNUS SEROTINO BLACK CHERRY	5	2" CAL. MIN.	B&B	50'-70' HT.	
то	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	53	7'-8' HT.	B&B	40'-60' HT.	

# SHRUBS

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SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME		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	15	24"-30" HT. #3/5 CONT.		7'-9' HT.	
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	9	3'-4' HT.	B&B	15'-25' HT.	
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	15	24"-30" HT.	#3/5 CONT.	3'-6' HT.	
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	10	24"-30" HT.	#3/5 CONT.	6'-12' HT.	

PRELIMINARY NOT FOR CONSTRUCTION



UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

		249 Western Avenue Agusta, ME 04330				
			PROJECT N	۷O: 32	27851	
REFERENCE ITEMS	REV	DESCRIPTION	DATE	DES	СНК	APP
	Е	ISSUED FOR CLIENT REVIEW	08-21-19	CMW	PGT	
	D	ISSUED FOR CLIENT REVIEW	08-09-19	SEK	PGT	
	С	ISSUED FOR CLIENT REVIEW		SEK	PGT	
	В	ISSUED FOR CLIENT REVIEW	06-20-19	CMW	PGT	

PRELIMINARY LANDSCAPE SCREENING TEMPLATES & PLANTING SCHEDULES HIGH RIVER ENERGY CENTER HIGH RIVER ENERGY CENTER, LLC MONTOGOMERY CO., NY FLORIDA APPROVED

REVIEW 1

L-007