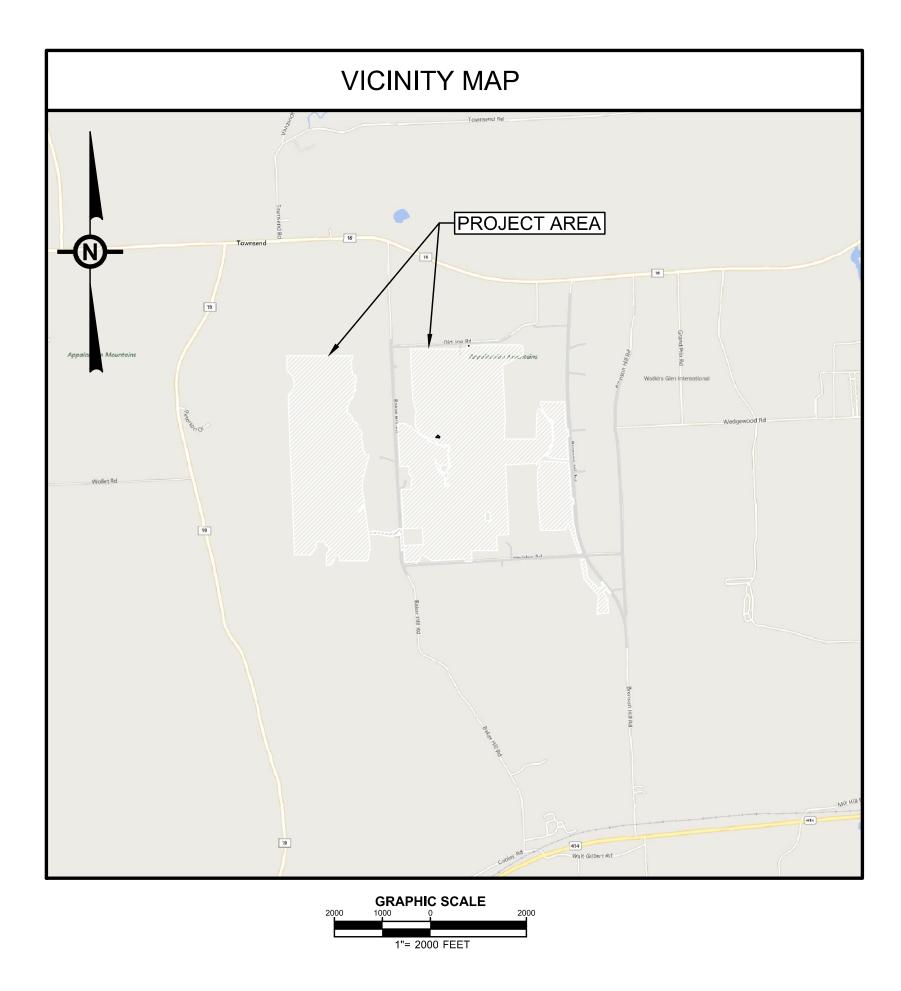
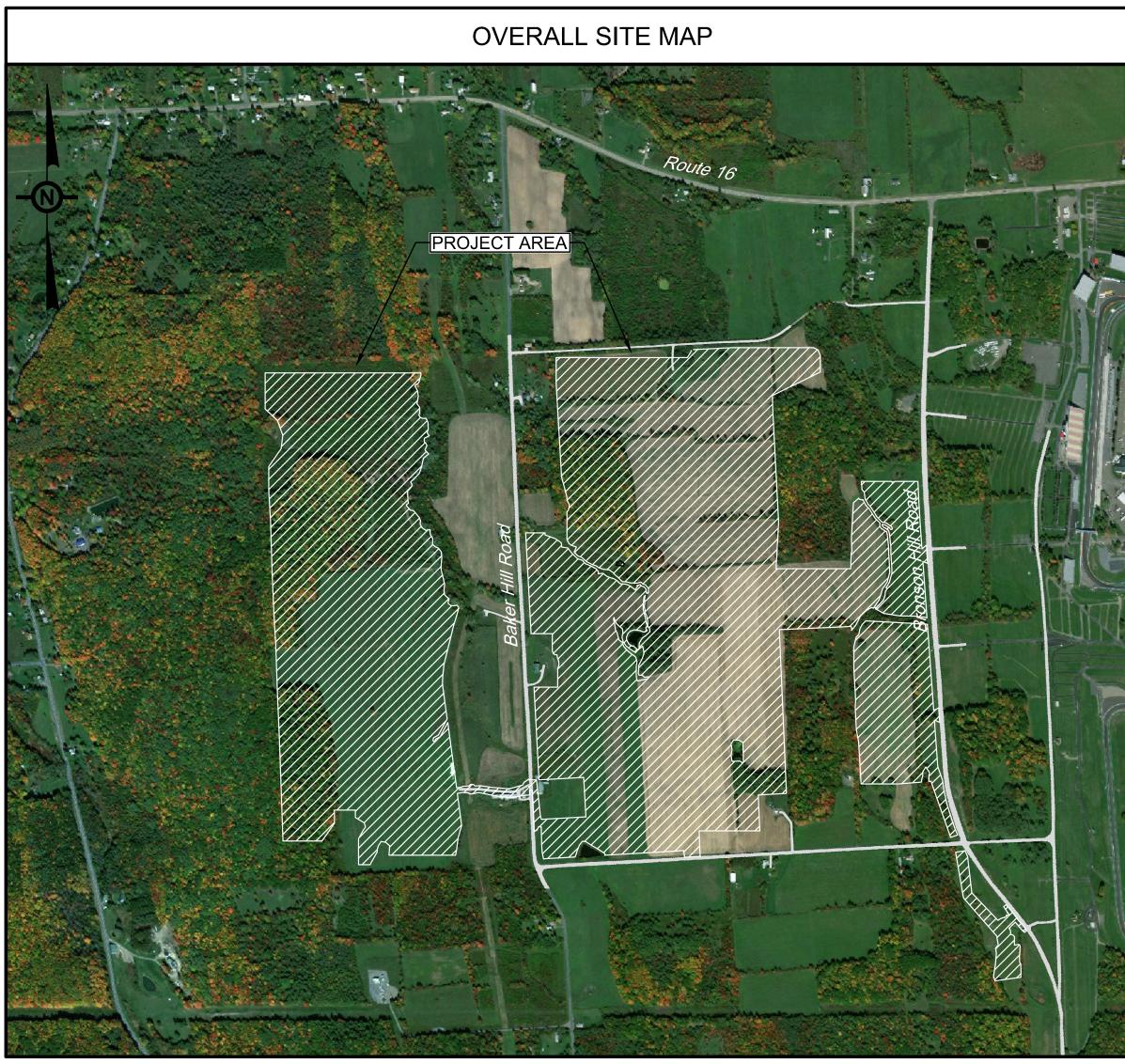
# WATKINS GLEN ENERGY CENTER, LLC - LANDSCAPE PLANS -AUGUST, 2020

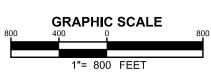


UNDER NEW YORK STATE EDUCATION LAW ARTICLE 145 (ENGINEERING), SECTION 7209 (2), IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.



PRELIMINARY





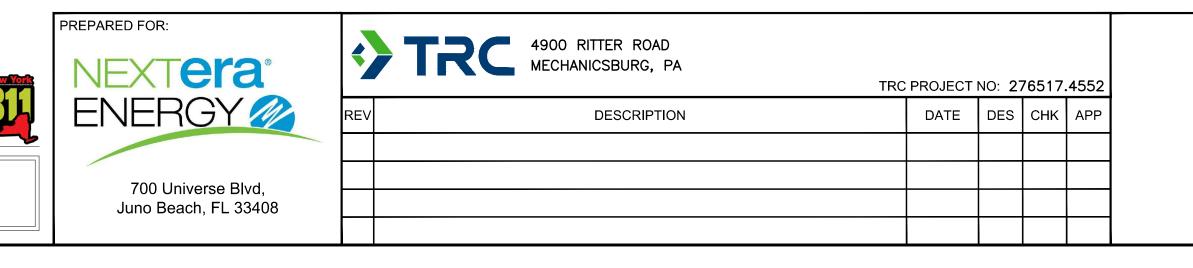
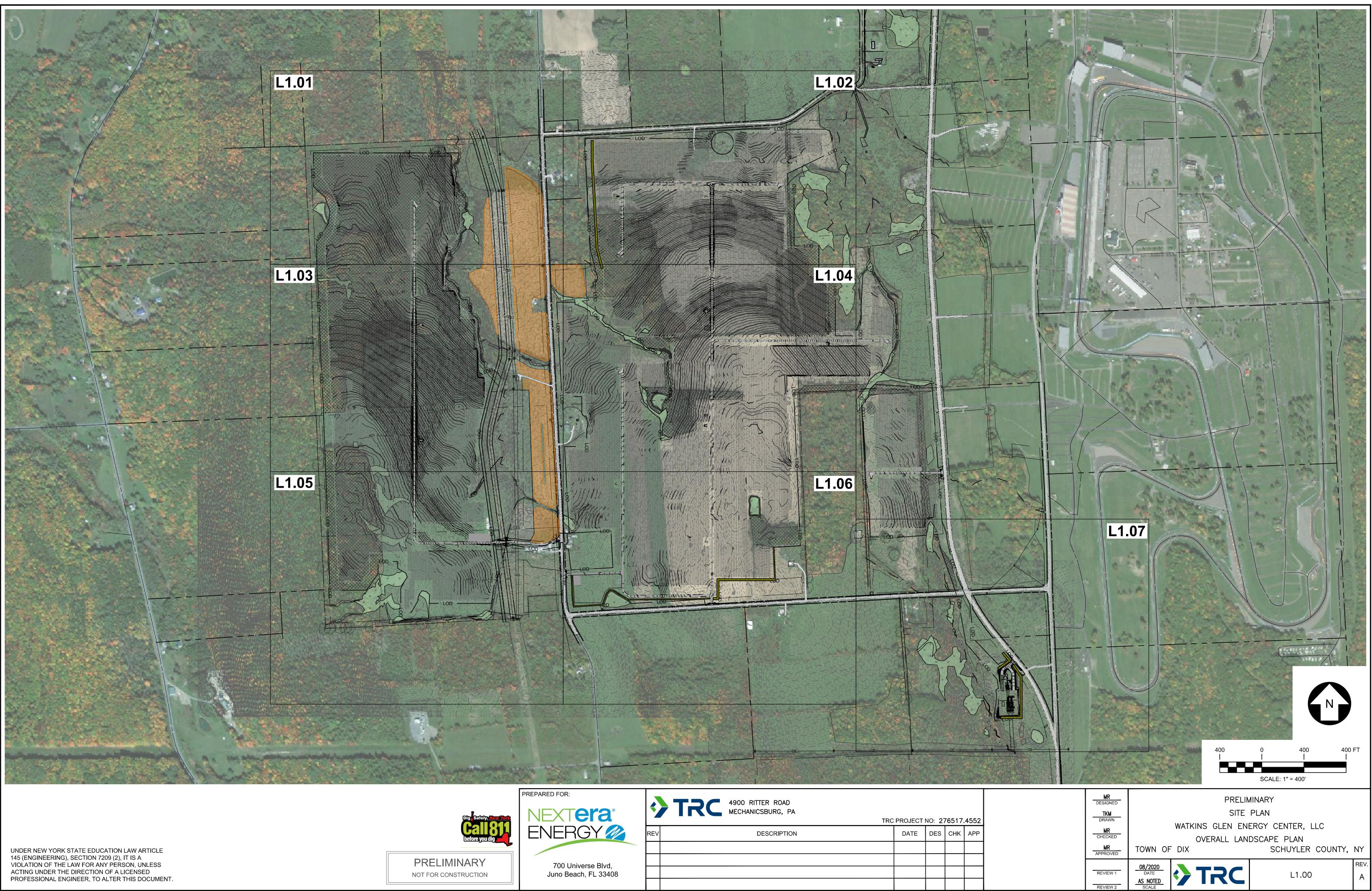


	TABLE OF DRAWINGS					
DWG NO.	TITLE					
L0.00	COVER SHEET					
L1.00	OVERALL LANDSCAPE PLAN					
L1.01	ENLARGED LANDSCAPE PLAN					
L1.02	ENLARGED LANDSCAPE PLAN					
L1.03	ENLARGED LANDSCAPE PLAN					
L1.04	ENLARGED LANDSCAPE PLAN					
L1.05	ENLARGED LANDSCAPE PLAN					
L1.06	ENLARGED LANDSCAPE PLAN					
L2.01	LANDSCAPE NOTES & DETAILS					
L2.02	LANDSCAPE NOTES & DETAILS					

MR DESIGNED		PRELIN	/INARY		
	SITE PLAN				
drawn <b>MR</b>	V	WATKINS GLEN EN	ERGY CENTER, LLC		
CHECKED	COVER SHEET				
MR APPROVED	TOWN OF	DIX	SCHUYLER COUNTY,	NY	
	08/2020			REV.	
REVIEW 1	DATE AS NOTED SCALE	<b>TRC</b>	L0.00	A	

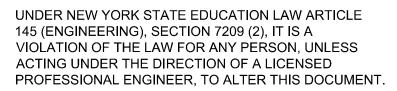










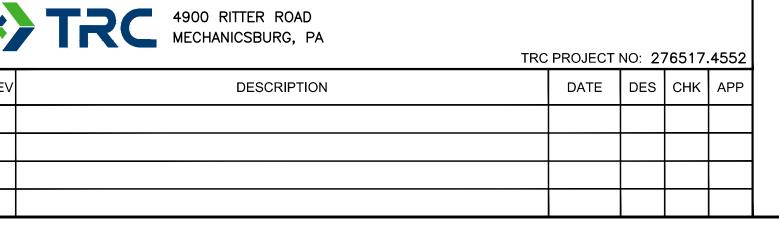




PRELIMINARY

NEXTERA® ENERGY

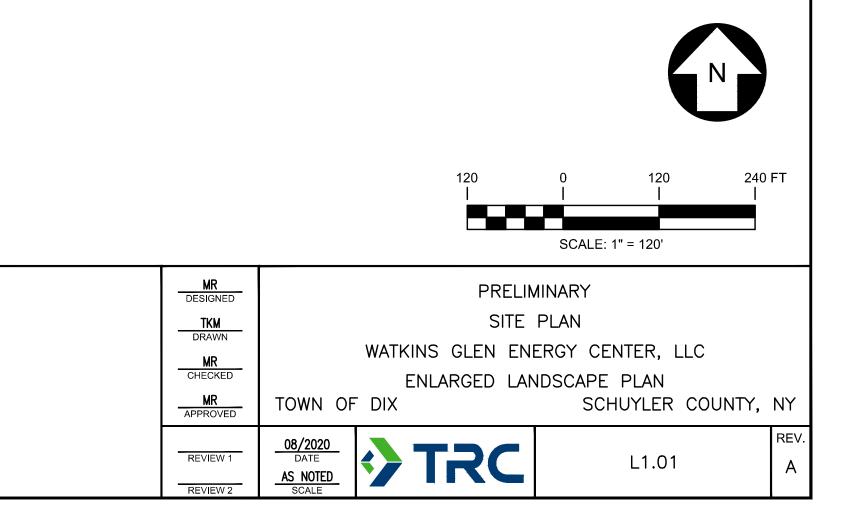
700 Universe Blvd, Juno Beach, FL 33408

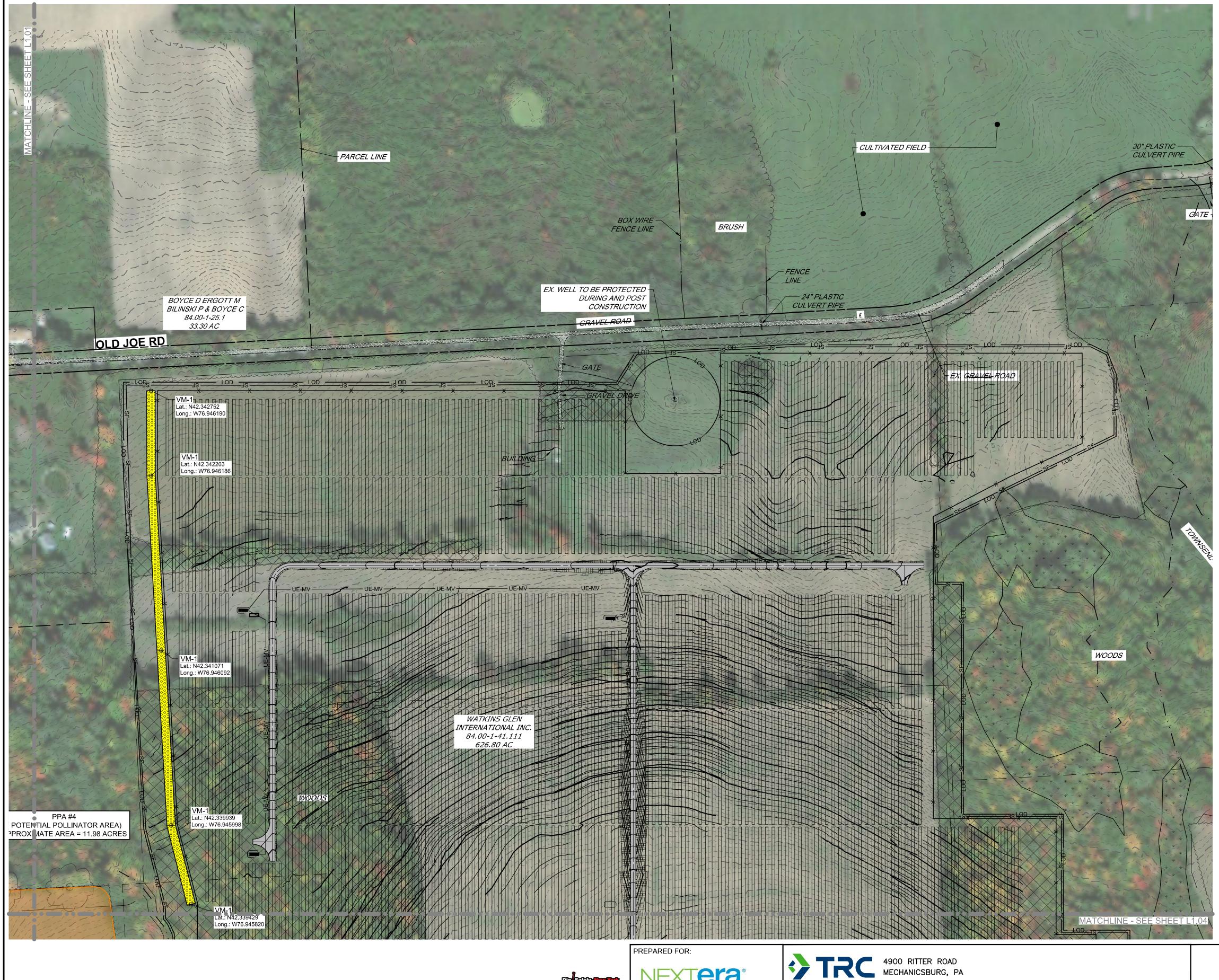


# LEGEND

EXISTING FEATURES

VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6









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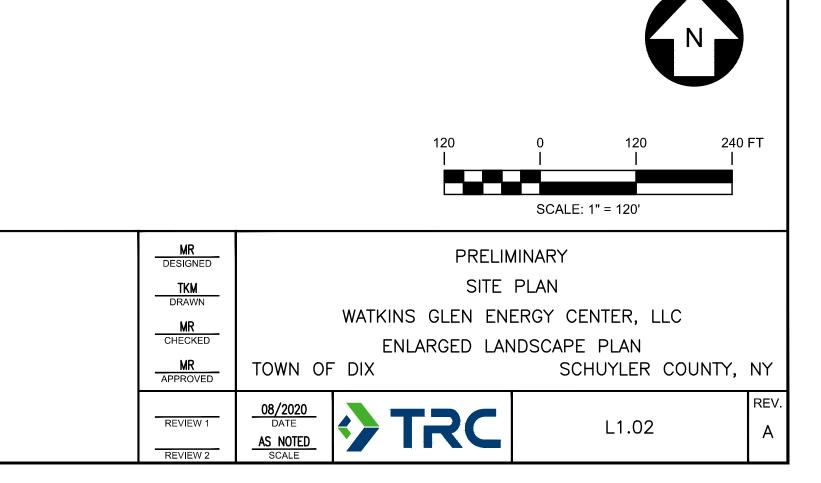
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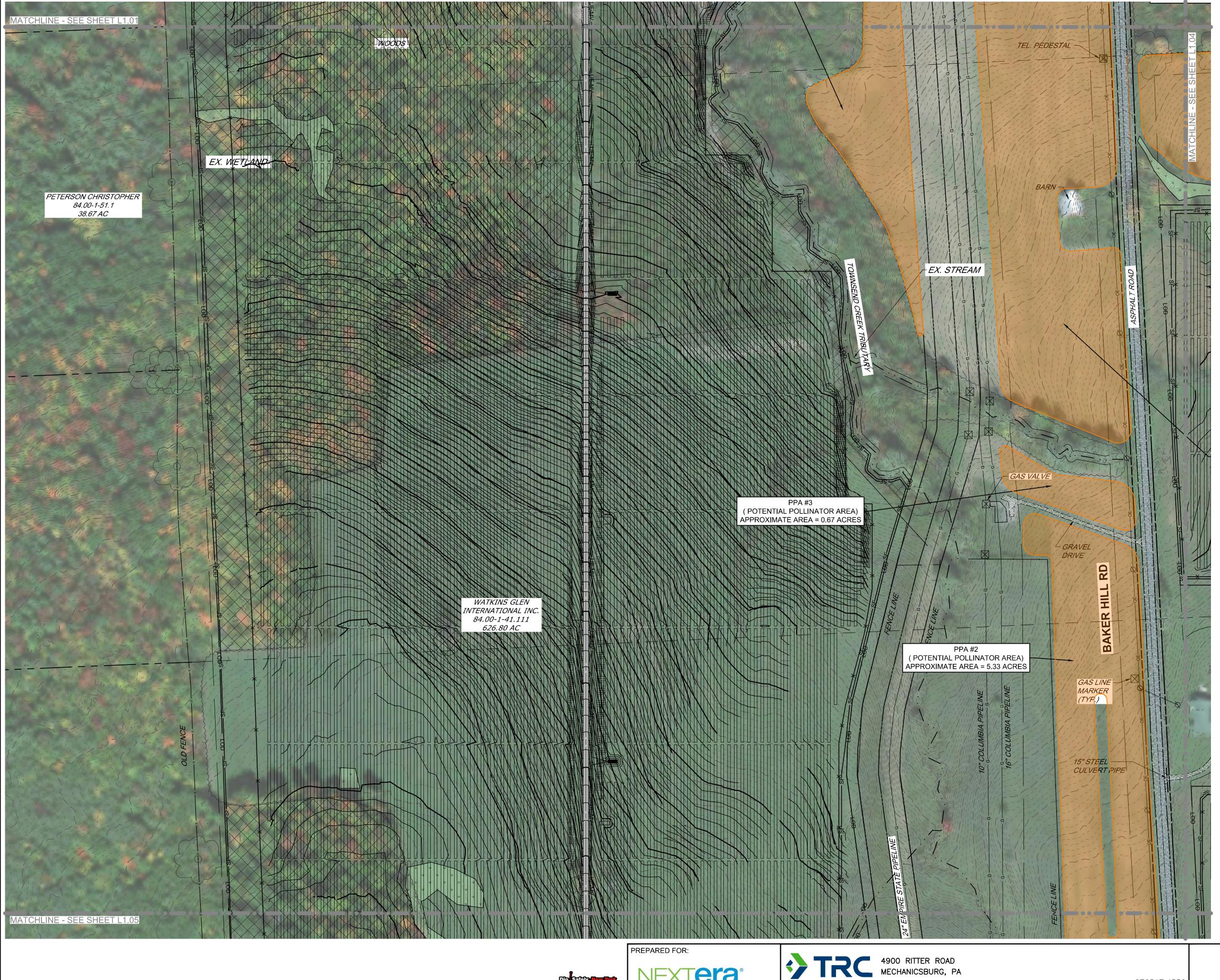
700 Universe Blvd, Juno Beach, FL 33408

## **LEGEND**

VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE							
POINT # MITIGATION SECTION		LATITUDE	LONGITUTDE				
1	VM-1	N 42.342752	W 76.946190				
2	VM-1	N 42.342203	W 76.946186				
3	VM-1	N 42.341071	W 76.946092				
4	VM-1	N 42.339939	W 76.945998				
5	VM-1	N 42.339429	W 76.945820				









	NEXT <b>era</b> ®
	ENERGY 🥢
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700 Universe Blvd, Juno Beach, FL 33408 
 TRC PROJECT NO:
 276517.4552

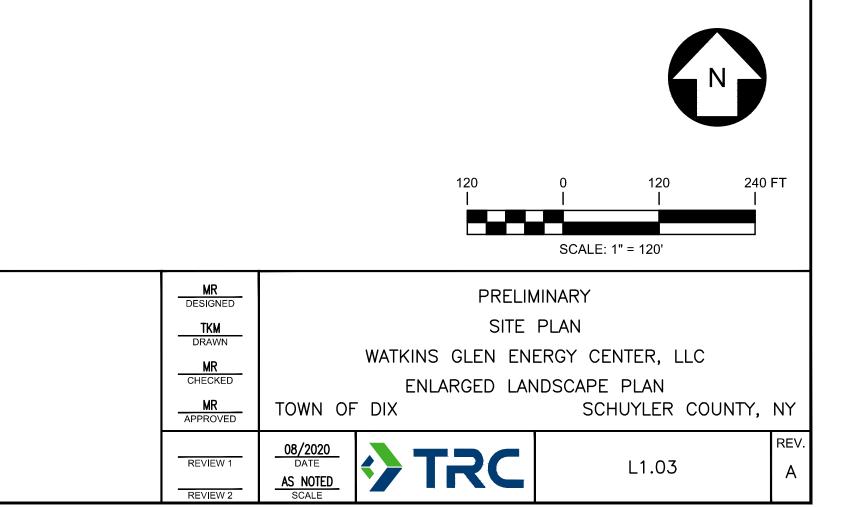
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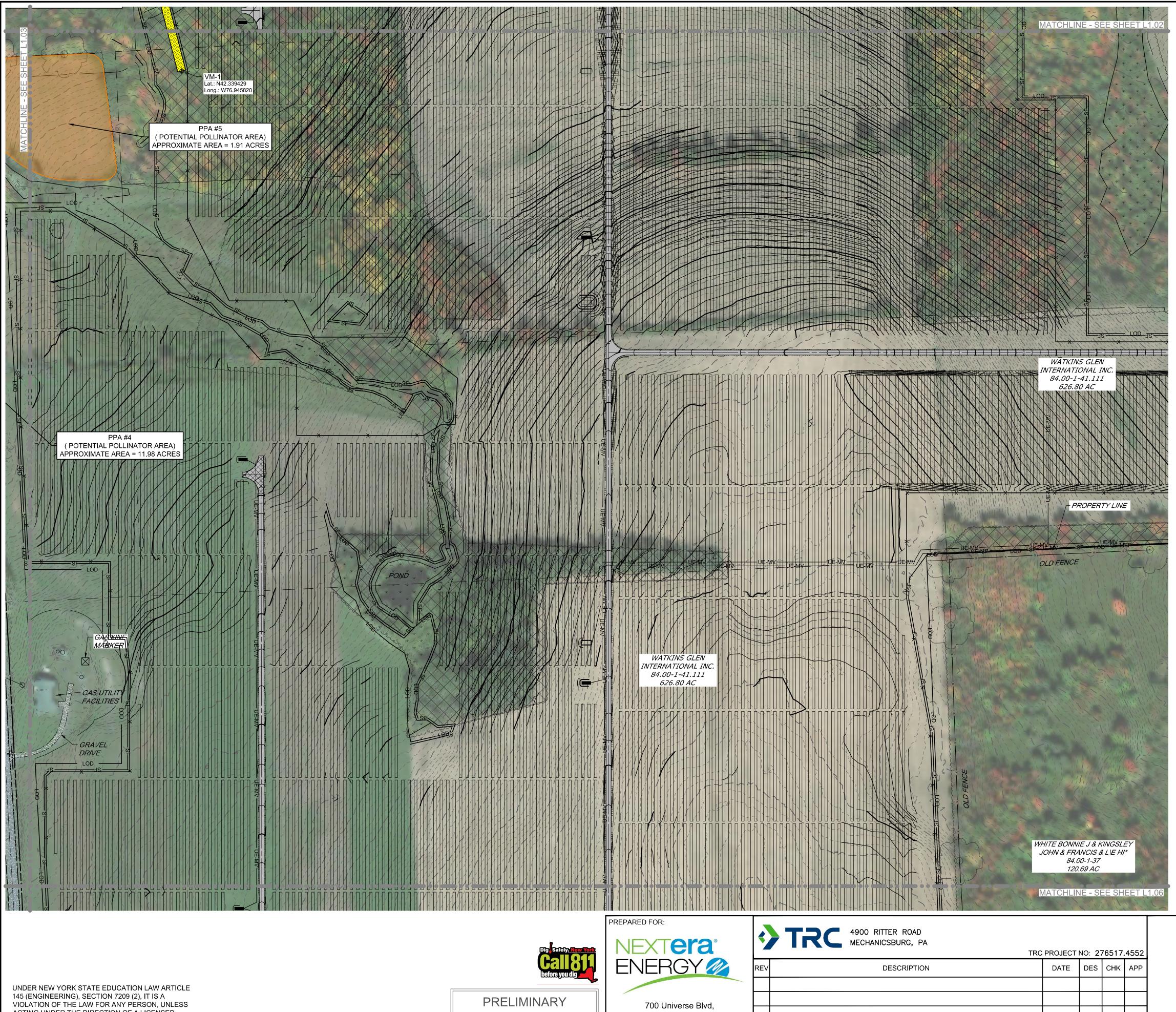
DESCRIPTION

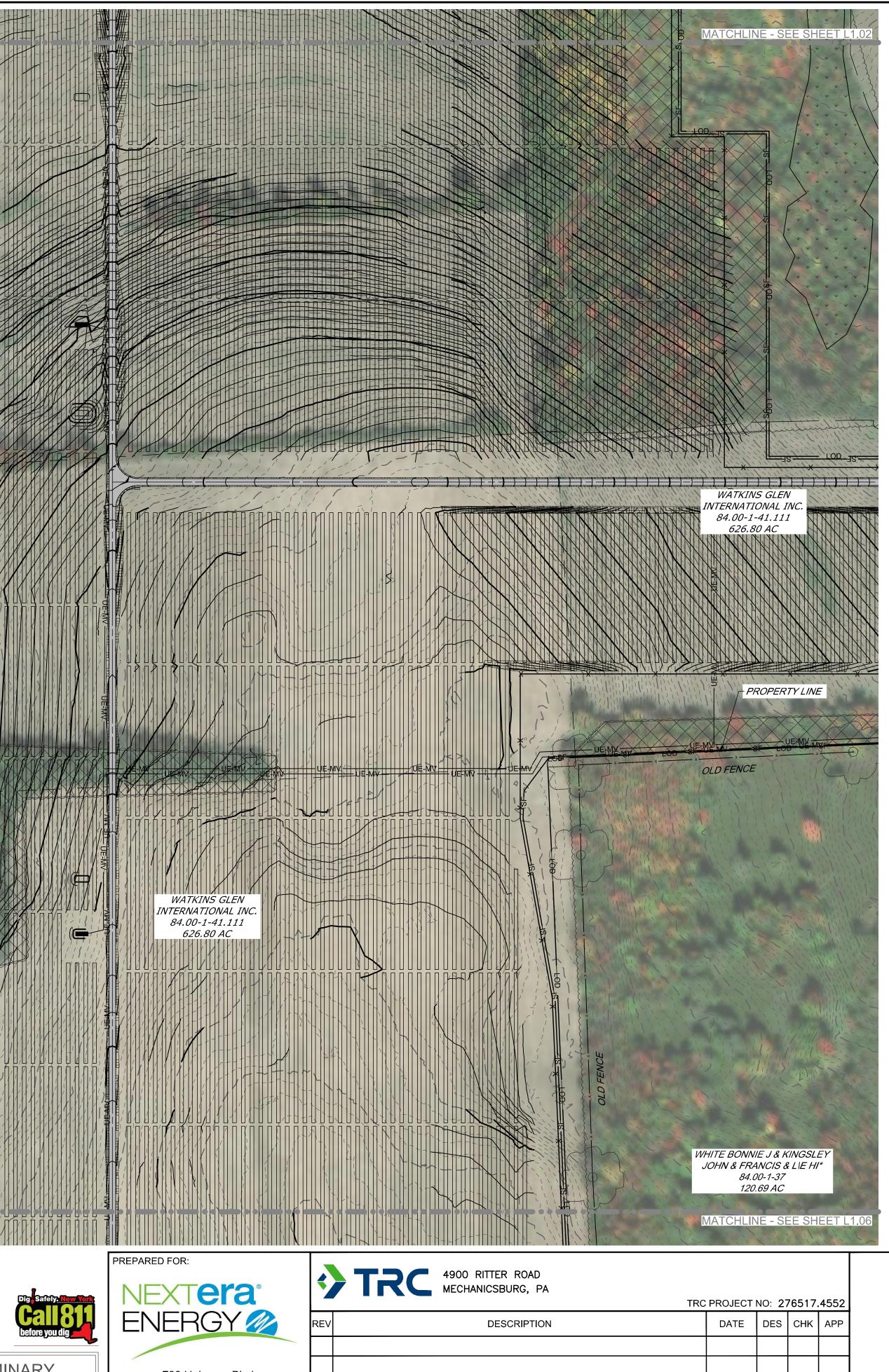
# LEGEND

EXISTING FEATURES

VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6







VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

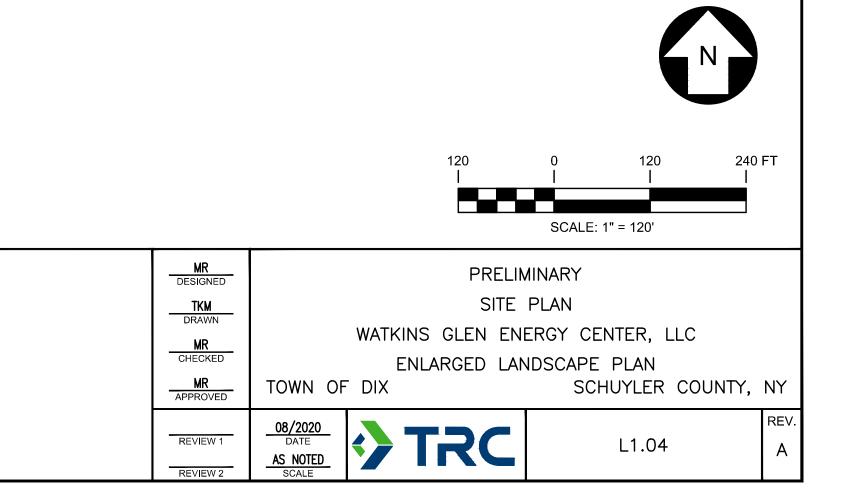


Juno Beach, FL 33408

# LEGEND

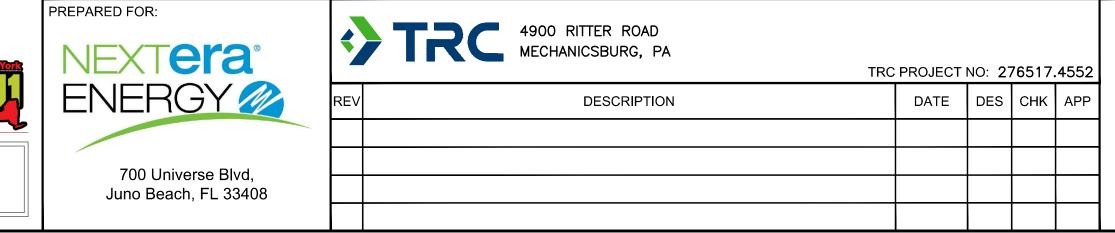
EXISTING FEATURES

VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6





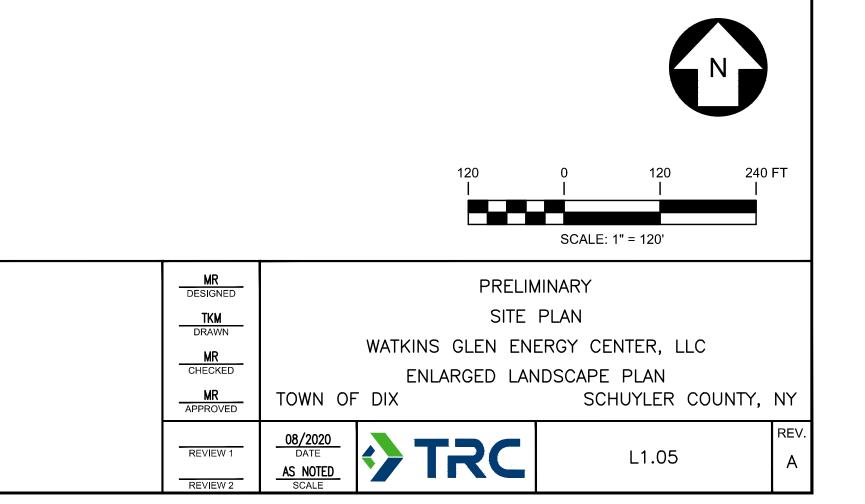




# LEGEND

EXISTING FEATURES

VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6









PREPARED FOR:	$\mathbf{O}$	4900 RITTER ROAD MECHANICSBURG, PA	PROJECT	NO: 27	76517.	.4552
ENERGY	REV	DESCRIPTION	DATE	DES	СНК	APP
700 Universe Blvd, Juno Beach, FL 33408						

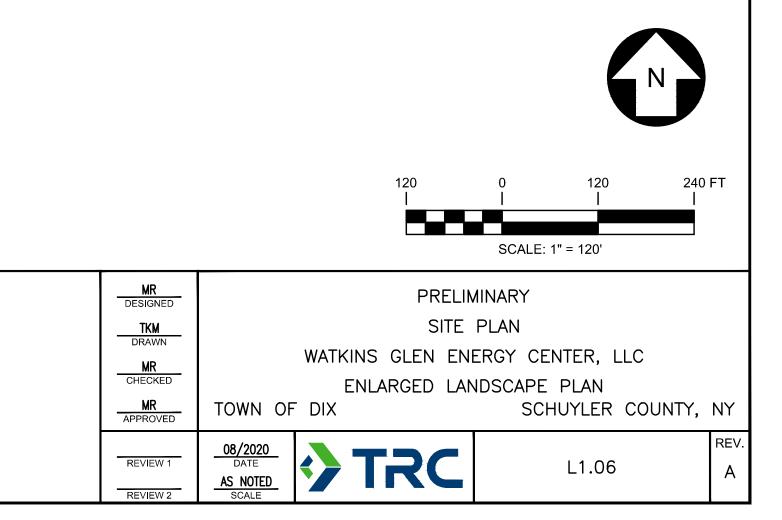
## **LEGEND**

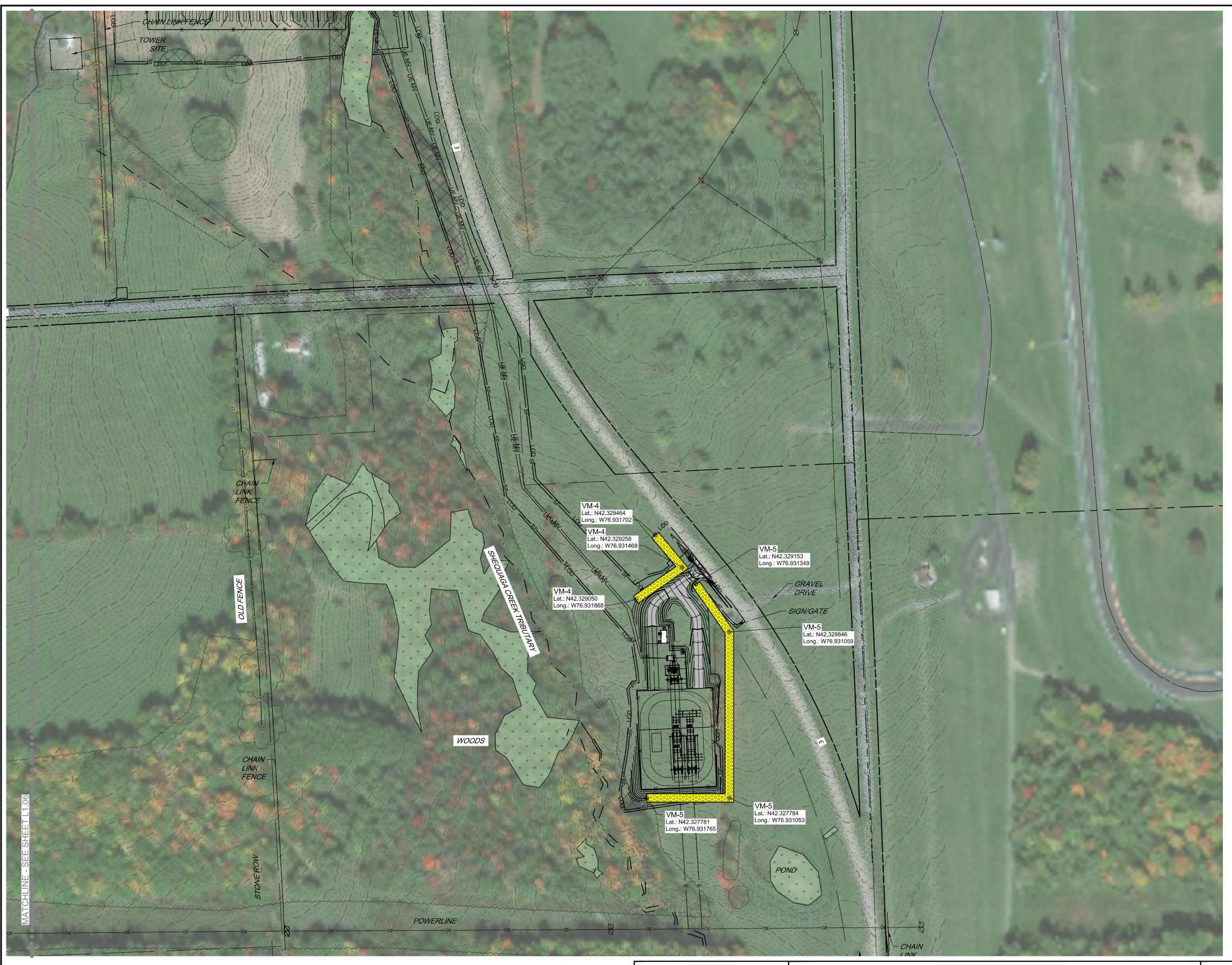
VISUAL MITIGATION DELINATION -VM-1, VM-2, VM-3, VM-4, VM-5 &

VM-6

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE						
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE			
6	VM-2	N 42.331432	W 76.946843			
7	VM-2	N 42.330622	W 76.946765			
8	VM-2	N 42.330673	W 76.945757			
9	VM-2	N 42.330960	W 76.945619			
10	VM-2	N 42.331058	W 76.945509			
11	VM-2	N 42.331048	W 76.945387			
12	VM-2	N 42.330809	W 76.944862			
13	VM-2	N 42.330851	W 76.941992			

VEGETATIVE BUFFER / SCREEN MITIGATION TABLE						
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE			
14	VM-3	N 42.330842	W 76.941874			
15	VM-3	N 42.330850	W 76.941709			
16	VM-3	N 42.331335	W 76.941712			
17	VM-3	N 42.331341	W 76.939710			
18	VM-3	N 42.332198	W 76.939765			
19	VM-4	N 42.329464	W 76.931702			
20	VM-4	N 42.329258	W 76.931468			
21	VM-4	N 42.329050	W 76.931868			









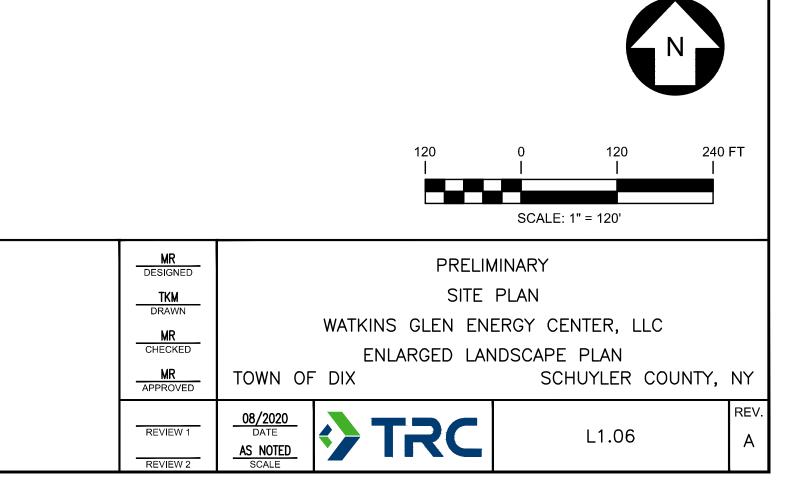
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## LEGEND

VISUAL MITIGATION DELINATION - VM-1, VM-2, VM-3, VM-4, VM-5 & VM-6

VEGET	VEGETATIVE BUFFER / SCREEN MITIGATION TABLE						
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE				
14	VM-3	N 42.330842	W 76.941874				
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20	VM-4	N 42.329258	W 76.931468				
21	VM-4	N 42.329050	W 76.931868				

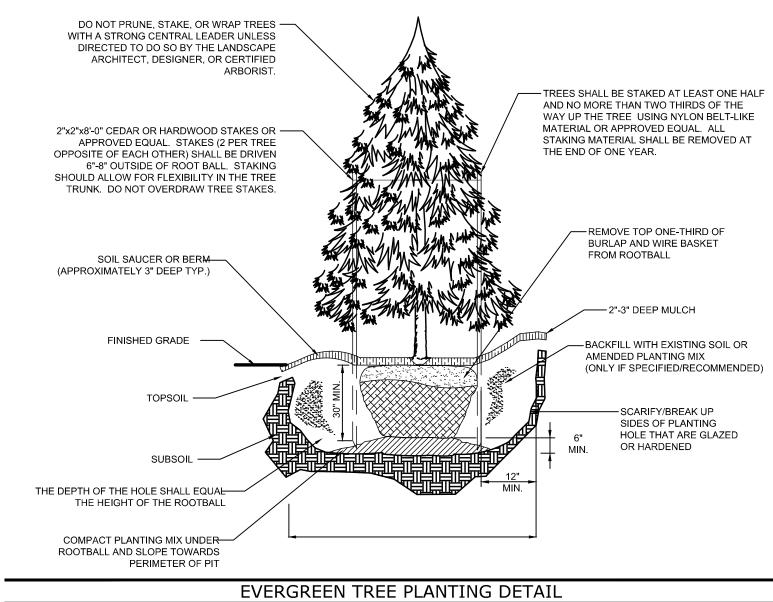
VEGETATIVE BUFFER / SCREEN MITIGATION TABLE						
POINT #	MITIGATION SECTION	LATITUDE	LONGITUTDE			
25	VM-5	N 42.329153	W 76.931349			
26	VM-5	N 42.328846	W 76.931059			
27	VM-5	N 42.327784	W 76.931053			
28	VM-5	N 42.327781	W 76.931765			

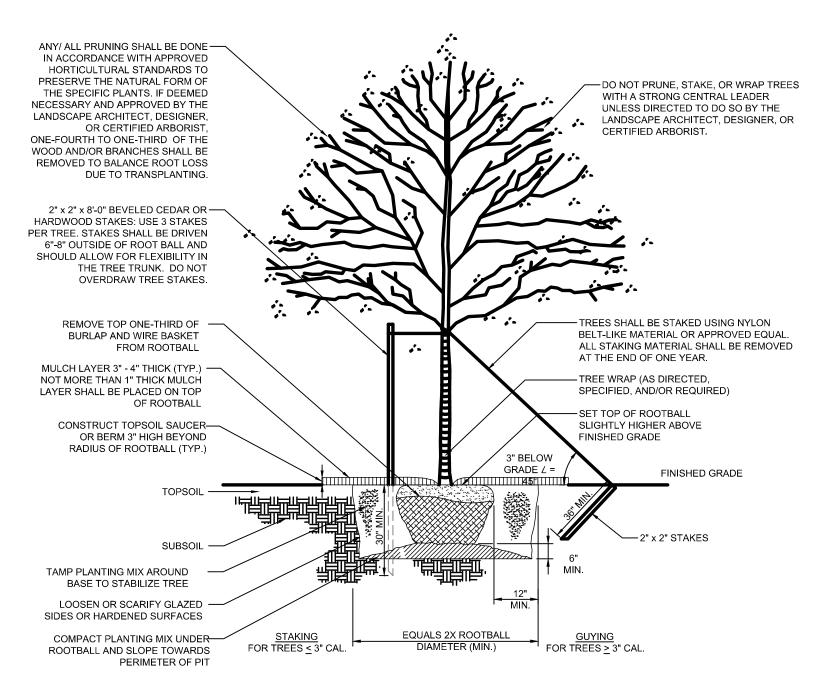


- THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
- THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD OF (1) ONE YEAR AFTER SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER, CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS AT CONTRACTOR'S EXPENSE. FINAL ACCEPTANCE SHALL BE MADE IF ALL PLANTS MEET THE GUARANTEE REQUIREMENTS INCLUDING MAINTENANCE. 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.
- THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
- THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL
- . ALL SHRUB MASSING SHALL BE MULCHED TO A DEPTH OF 2" AND SHREDDED HARDWOOD BARK MULCH SHALL BE USED FOR SHRUB MASSING AREAS.
- 3. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE CONTRACTOR. STAKING THE LOCATION OF ALL TREES AND SHRUBS SHALL BE COMPLETED PRIOR TO PLANTING FOR APPROVAL BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. STAKING OF THE INSTALLED TREE MUST BE COMPLETED THE SAME DAY AS IT IS INSTALLED. ALL TREES SHALL BE STAKED OR GUYED AS PER THE DETAIL. SEE LANDSCAPING PLAN(S) FOR PLANTING DETAILS.
- COORDINATE PLANT MATERIAL LOCATIONS WITH SITE UTILITIES. SEE SITE LAYOUT, GRADING AND/OR UTILITY PLANS FOR STORM, SANITARY, GAS, ELECTRIC, TELEPHONE AND WATER LINES. UTILITY LOCATIONS ARE APPROXIMATE. EXERCISE CARE WHEN DIGGING IN AREAS OF POTENTIAL CONFLICT WITH UNDERGROUND OR OVERHEAD UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE DUE TO CONTRACTOR'S NEGLIGENCE AND SHALL REPLACE OR REPAIR ANY DAMAGE AT CONTRACTOR'S EXPENSE.
- 3. 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.

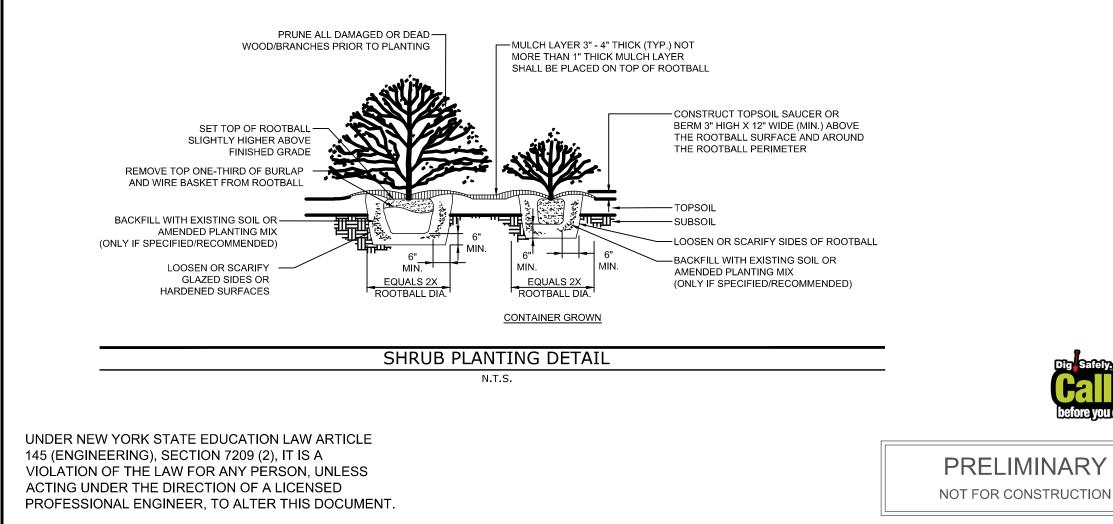
PLANTING SOIL MIXTURE: 2 PARTS PEAT MOSS **5 PARTS TOPSOIL** 

- 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.









N.T.S.

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

#### 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%			
FESTUCA OVINA VAR. GLAUCA (F. ARVERNENSIS) (F. GLAUCA), 'BLUE RAY'	BLUE FESCUE 'BLUE RAY'	5%	262	6	
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.

#### POTENTIAL POLLINATOR AREA (PPA) CALCULATIONS

POTENTIAL POLLINATOR AREA (PPA) TOTALS						
PPA #	APPROXIMATE AREA					
1	1.50 ACRES					
2	5.33 ACRES					
3	0.67 ACRES					
4	11.98 ACRES					
5	1.91 ACRES					
6	2.68 ACRES					
TOTAL POTENTIAL POLLINATOR ACRES = 24.07 ACRES 🖌						

POTENTIAL POLLINATOR AREA CALCULATIONS

TOTAL SOLAR SURFACE PANEL AREA = 120.00 ACRES

20% OF SOLAR SURFACE PANEL AREA SHALL BE REQUIRED TO BE SEEDED WITH NATIVE PERENNIAL VEGETATION DESIGNED TO ATTRACT POLLINATORS.

THEREFORE:

120.00 x 0.20 = 24.00 ACRES OF POLLINATOR AREAS REQUIRED TOTAL POLLINATOR AREAS PROVIDED = 24.07 ACRES

NOTE: SEE TABLE ABOVE

v York	PREPARED FOR:	4900 RITTER ROAD MECHANICSBURG, PA	CT NO: 2	76517	.4552
	ENERGY	REV DESCRIPTION DAT	DES	СНК	APP
	700 Universe Blvd, Juno Beach, FL 33408				

#### FLOWERING HERBACEOUS LAYER/NORTHEAST NATIVE POLLINATOR SEED MIXES

BOTANICAL NAME	COMMON NAME	MIX CONCENTRATION	RATE (LBS/ACRE)	RATE (LBS/1000 FT <sup>2</sup> )
SCHIZACHYRIUM	LITTLE BLUESTEM	40%	(LDO)/HCHL)	
SCOPARIUM				
BOUTELOUA CURTIPENDULA	SIDEOATS GRAMA	23.40%		
COSMOS BIPINNATUS	COSMOS	7.30%		
COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS	3.50%		
ECHINACEA PURPUREA	PURPLE CONEFLOWER	3.50%		
ELYMUS VIRGINICUS	VIRGINIA WILDRYE	3%		
SORGHASTRUM NUTANS	-	2.50%		
LUPINUS POLYPHYLLUS	BIGLEAF LUPINE	2.20%		
CHAMAECRISTA				
FASCICULATA	PARTRIDGE PEA	2%		
DELPHINIUM AJACIS	ROCKET LARKSPUR	2%		
RUDBECKIA HIRTA	BLACKEYED SUSAN	2%		
GAILLARDIA ARISTATA	BLANKET FLOWER	1.50%		
SENNA HEBECARPA	WILD SENNA	1%		
PENSTEMON DIGITALIS	TALL WHITE BEARDTONGUE	1%		
PAPAVER RHOEAS	SHIRLEY MIX (CORN POPPY, SHIRLEY MIX)	0.60%		
ANDROPOGON GERARDII	BIG BLUESTEM	0.50%	20	0.46
ELYMUS CANADENSIS	CANADA WILDRYE	0.50%		
COREOPSIS TINCTORIA	PLAINS COREOPSIS	0.50%		
LIATRIS SPICATA	BLAZING STAR	0.40%		
ASCLEPIAS SYRIACA	COMMON MILKWEED	0.40%		
ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	0.40%		
ZIZIA AUREA	GOLDEN ALEXANDERS	0.30%		
ASCLEPIAS INCARNATA	SWAMP MILKWEED	0.30%		
MONARDA FISTULOSA	WILD BERGAMONT	0.20%		
PENSTEMON LAEVIGATUS	APPALACHIAN BEARDTONGUE	0.20%		
SENNA MARILANDICA	MARYLAND SENNA	0.20%		
SOLIDAGO NEMORALIS	GRAY GOLDENROD	0.10%		
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	0.10%		
ASTER LAEVIS	SMOOTH BLUE ASTER	0.10%		
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	0.10%		
ASTER PRENANTHOIDES	ZIGZAG ASTER	0.10%		
HELIOPSIS HELIANTHOIDES	OXEYE SUNFLOWER	0.10%		

#### NOTE:

NATIVE POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE A EXCELLENT WILDLIFE FOOD AND SHELTER THAT WILL ATTRACT A VARIETY OF POLLINATORS AND SONGBIRDS. THE NATIVE WILDFLOWERS AND GRASSES IN THIS MIX PROVIDE AN ATTRACTIVE DISPLAY OF COLOR FROM SPRING TO FALL. POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE NECTAR AND FOOD SOURCES FOR A VARIETY OF POLLINATORS AND LARVA. THESE MIXES ARE COMPRISED OF A FAIRLY EVEN MIX OF NATIVE AND/OR INDIGENOUS WILDFLOWERS AND GRASSES. THE POLLINATOR SEED MIX IS INTENDED TO BE SOWN IN THE DESIGNATED AREAS OUTSIDE OF THE SOLAR ARRAY FIELD, REFER TO SHEETS L1.01 THROUGH L1.06 FOR AREAS.

## LEGEND

**VISUAL MITIGATION PLANTING TEMPLATE** 

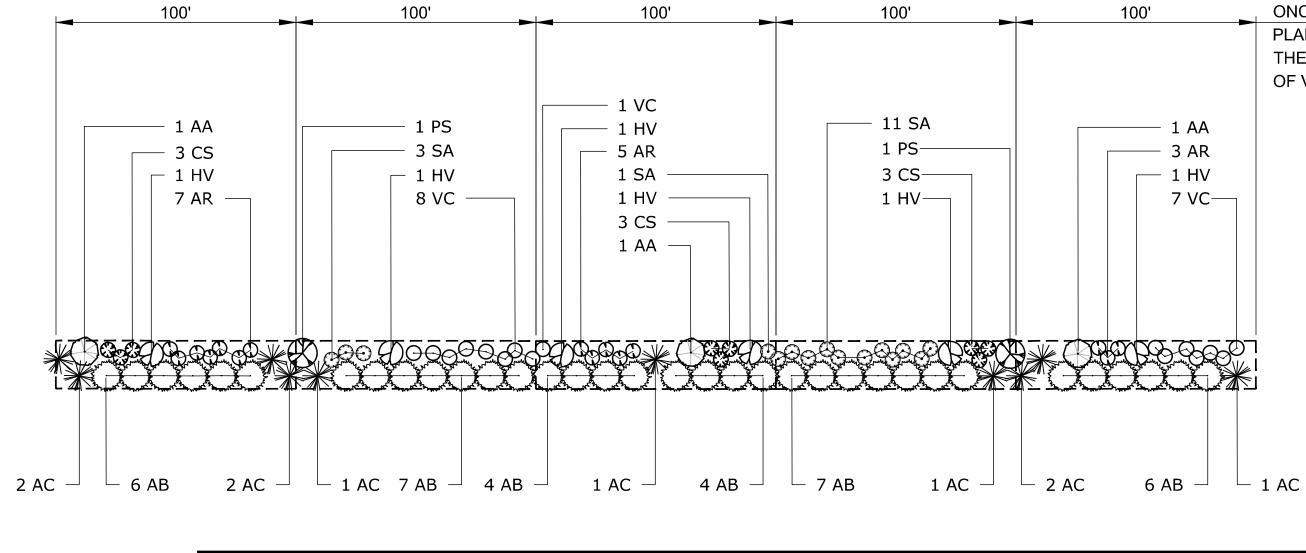
**OVERALL GRAND TOTALS** LANDSCAPE PLANTING SCHEDULE (VISUAL BUFFER/SCREENING EFFORT) DECIDUOUS AND EVERGREEN TREES

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	30	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	341	5'-6' HT.	B&B	45'-65' HT.
AC	ABIES CONCOLOR WHITE FIR	106	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	21	1 1/2"-2" CAL.	B&B	50'-70' HT.

#### SHRUBS

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	163	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	89	24"-30" HT.	#3/5 CONT.	7'-9' HT.
ΗV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	60	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	158	24"-30" HT.	#3/5 CONT.	6'-12' HT.

MR DESIGNED		PRELIMINARY						
TKM DRAWN		SITE PLAN WATKINS GLEN ENERGY CENTER, LLC						
MR								
CHECKED		LANDSCAPE NC	TES & DETAILS					
MR APPROVED	TOWN OF	F DIX	SCHUYLER COUNTY,	NY				
REVIEW 1	08/2020		L2.01	REV.				
REVIEW 2	AS NOTED SCALE			A				



VISUAL MITIGATION PLANTING TEMPLATE N.T.S.

## **LEGEND - VM1** VISUAL MITIGATION PLANTING TEMPLATE

LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,155 LF

DECIDU	IOUS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	7	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	77	5'-6' HT.	B&B	45'-65' HT.
AC	ABIES CONCOLOR WHITE FIR	25	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	5	1 1/2"-2" CAL.	B&B	50'-70' HT.

#### **LEGEND - VM2** VISUAL MITIGATION PLANTING TEMPLATE LANDSCAPE PLANTING SCHEDULE

TOTAL MITIGATION LENGTH = 1,695 LF

DECIDUOU	IS AND EVERGREEN TREES				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	10	5'-6' HT. CLUMP	B&B	15'-20' HT.
AB	ABIES BALSAMEA BALSAM FIR	115	5'-6' HT.	B&B	45'-65' HT.
AC	ABIES CONCOLOR WHITE FIR	35	5'-6' HT.	B&B	40'-60' HT.
PS	PRUNUS SEROTINO BLACK CHERRY	7	1 1/2"-2" CAL.	B&B	50'-70' HT.

### SHRU<u>BS</u>

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	21	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	14	3'-4' HT.	B&B	15'-25' HT
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	33	24"-30" HT.	#3/5 CONT.	3'-6' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	33	24"-30" HT.	#3/5 CONT.	6'-12' HT.

SHRUB	<u>S</u>				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	52	24"-30" HT.	#3/5 CONT.	7'-10' HT.
CS	CORNUS SERICEA RED TWIG DOGWOOD	30	24"-30" HT.	#3/5 CONT.	7'-9' HT.
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	20	3'-4' HT.	B&B	15'-25' HT.
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	48	24"-30" HT.	#3/5 CONT.	3'-6' HT.
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	55	24"-30" HT.	#3/5 CONT.	6'-12' HT.

PRELIMINARY NOT FOR CONSTRUCTION

## LEGEND **TEMPLATE TOTALS**



ONCE A 500' PLANTING LENGTH IS ACHIEVED, PLANTING PATTERN SHALL REPEAT FROM THE BEGINNING OF TEMPLATE TO COMPLETION OF VEGETATIVE MITIGATION AREA

DECIDUOUS AND EVERGREEN TREES							
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT		
АА	AMELANCHIER ARBOREA DOWNY SHADBUSH	3	5'-6' HT. CLUMP	B&B	15'-20' HT.		
AB	ABIES BALSAMEA BALSAM FIR	34	5'-6' HT.	B&B	45'-65' HT.		
AC	ABIES CONCOLOR WHITE FIR	10	5'-6' HT.	B&B	40'-60' HT.		
PS	PRUNUS SEROTINO BLACK CHERRY	2	1 1/2"-2" CAL.	B&B	50'-70' HT.		

## SHRUBS

	—				
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	15	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	6	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		24"-30" HT.	#3/5 CONT.	6'-12' HT.



#### LEGEND - VM3 VISUAL MITIGATION PLANTING TEMPLATE LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 1,187 LF

	DECIDU				
	SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT
	AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	7	5'-6' HT. CLUMP	B&B
	AB	ABIES BALSAMEA BALSAM FIR	80	5'-6' HT.	B&B
	AC	ABIES CONCOLOR WHITE FIR	25	5'-6' HT.	B&B
	PS	PRUNUS SEROTINO BLACK CHERRY	5	1 1/2"-2" CAL.	B&B

SYMBOL BOTANICAL NAME/ COMMON PLANT NAME QUANTITY SIZE ROOT	MATURE HEIGHT
	, IEIGIII
AR ARONIA ARBUTIFOLIA RED CHOKEBERRY 37 24"-30" HT. #3/5 COM	NT. 7'-10' HT.
CS CORNUS SERICEA RED TWIG DOGWOOD 21 24"-30" HT. #3/5 COM	N <b>T</b> . 7'-9' HT.
HAMAMELIS VIRGINIANA COMMON WITCH HAZEL143'-4' HT.B&B	15'-25' HT.
SA SYMPHORICARPOS ALBUS COMMON SNOWBERRY 33 24"-30" HT. #3/5 COM	NT. 3'-6' HT.
VC VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY 36 24"-30" HT. #3/5 COM	NT. 6'-12' HT.

# LANDSCAPE PLANTING SCHEDULE

## **LEGEND - VM4** VISUAL MITIGATION PLANTING TEMPLATE TOTAL MITIGATION LENGTH = 230 LF

DECIDU	DECIDUOUS AND EVERGREEN TREES								
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT				
АА	AMELANCHIER ARBOREA DOWNY SHADBUSH	1	5'-6' HT. CLUMP	B&B	15'-20' HT.				
AB	ABIES BALSAMEA BALSAM FIR	16	5'-6' HT.	B&B	45'-65' HT.				
AC	ABIES CONCOLOR WHITE FIR	5	5'-6' HT.	B&B	40'-60' HT.				
PS	PRUNUS SEROTINO BLACK CHERRY	1	1 1/2"-2" CAL.	B&B	50'-70' HT.				

MATURE HEIGHT

15'-20' HT

45'-65' H

40'-60' HT

50'-70' HT.

<u>SHRUB</u>	<u>IRUBS</u>							SHRUBS						
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	Y SIZE ROOT MATURE HEIGHT			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.		AR	ARONIA ARBUTIFOLIA RED CHOKEBERRY	27	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.		CS	CORNUS SERICEA RED TWIG DOGWOOD	14	24"-30" HT.	#3/5 CONT.	7'-9' HT.		
HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	3	3'-4' HT.	B&B	15'-25' HT.		HV	HAMAMELIS VIRGINIANA COMMON WITCH HAZEL	9	3'-4' HT.	B&B	15'-25' HT.		
SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	3	24"-30" HT.	#3/5 CONT.	3'-6' HT.		SA	SYMPHORICARPOS ALBUS COMMON SNOWBERRY	18	24"-30" HT.	#3/5 CONT.	3'-6' HT.		
VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	9	24"-30" HT.	#3/5 CONT.	6'-12' HT.		VC	VACCINIUM CORYMBOSUM HIGHBUSH BLUEBERRY	25	24"-30" HT.	#3/5 CONT.	6'-12' HT.		

	PREPARED FOR:		4900 RITTER ROAD							PREL	IMINARY	
Vork	NEXTera		MECHANICSBURG, PA						TKM DRAWN	SITE	PLAN	
		<b>_</b>		TRC P	ROJECT					WATKINS GLEN E	NERGY CENTER, LLC	
Z	ENERGY 🥢	REV	DESCRIPTION		DATE	DES	СНК	APP	MR CHECKED	LANDSCAPE N	OTES & DETAILS	
									MR APPROVED	TOWN OF DIX	SCHUYLER COUNTY,	NY
	700 Universe Blvd,											REV.
	Juno Beach, FL 33408								REVIEW 1		L2.02	A
									REVIEW 2	SCALE		

## VISUAL MITIGATION PLANTING TEMPLATE LANDSCAPE PLANTING SCHEDULE (VISUAL BUFFER/SCREENING EFFORT)

#### LEGEND - VM5 LANDSCAPE PLANTING SCHEDULE

VISUAL MITIGATION PLANTING TEMPLATE TOTAL MITIGATION LENGTH = 780 LF

	DECIDUOUS AND EVERGREEN TREES											
		SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT					
		AA	AMELANCHIER ARBOREA DOWNY SHADBUSH	5	5'-6' HT. CLUMP	B&B	15'-20' HT.					
•		AB	ABIES BALSAMEA BALSAM FIR	53	5'-6' HT.	B&B	45'-65' HT.					
•		AC	ABIES CONCOLOR WHITE FIR	16	5'-6' HT.	B&B	40'-60' HT.					
		PS	PRUNUS SEROTINO BLACK CHERRY	3	1 1/2"-2" CAL.	B&B	50'-70' HT.					