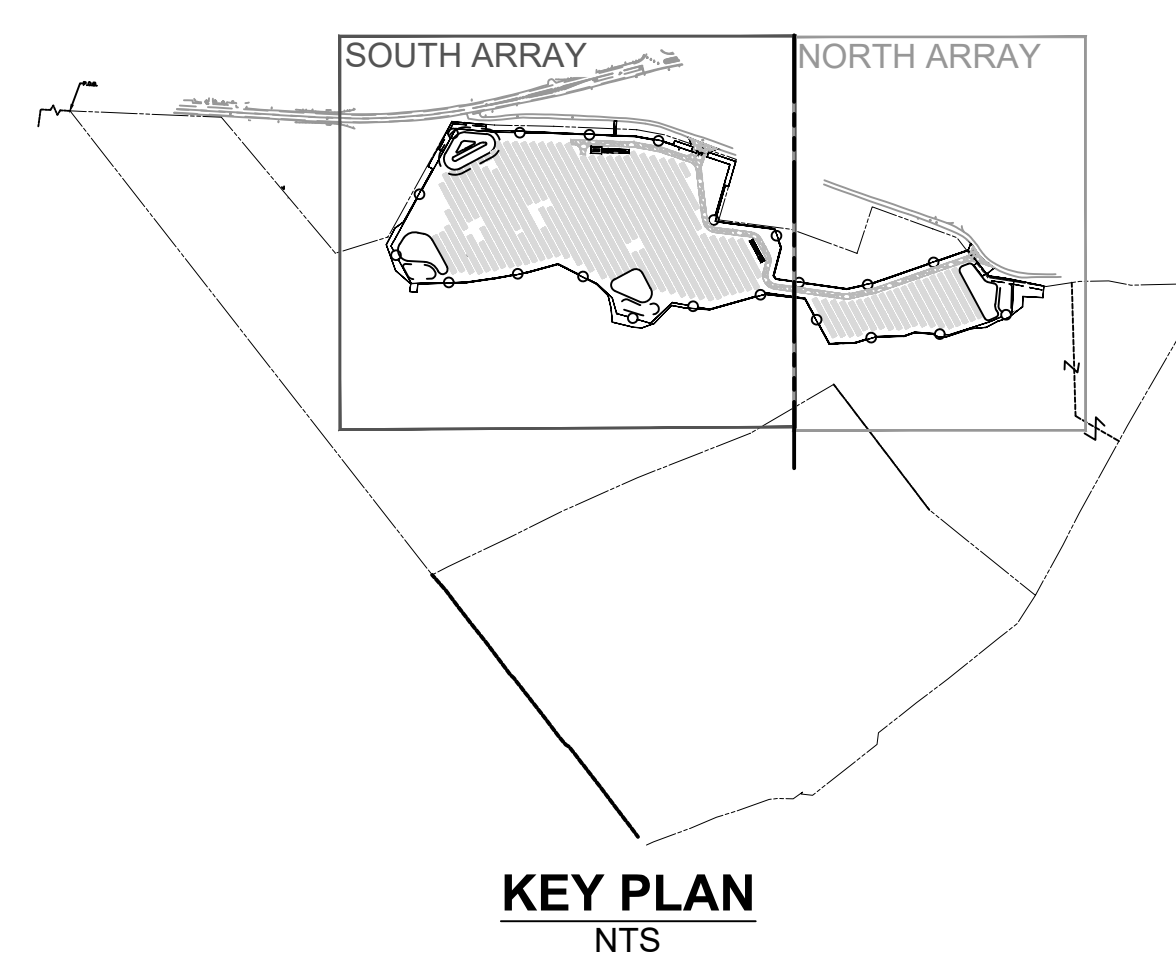


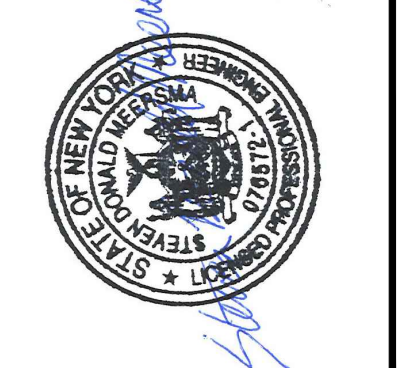
- MAP REFERENCES:**
1. SURVEY COMPLETED BY LAND DESIGN ASSOCIATES ENGINEERING, SURVEYING AND LAND ARCHITECTURE D.P.C. OF HAUPPAGE, NEW YORK DATED MAY 29, 2021.
  2. THE PROJECT HORIZONTAL COORDINATES SYSTEM IS BASED ON NAD83 NEW YORK STATE PLANE (US SURVEY FEET, EAST ZONE, NY83-EF). ELEVATIONS ARE BASED ON NAVD83 (US SURVEY FEET).

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  2. THE PROJECT SHALL BE DESIGNED IN COMPLIANCE WITH ALL APPLICABLE CODES, STANDARDS, AND REQUIREMENTS, INCLUDING BUT NOT LIMITED TO:
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    - 2020 BUILDING CODE OF NEW YORK STATE (BCNYS 2020)
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    - 2018 INTERNATIONAL BUILDING CODE (IBC 2018)
    - NATIONAL ELECTRICAL CODE - NFPA 70
    - NATIONAL ELECTRICAL SAFETY CODE - IEEE C2-2017
    - ANSI/UL STANDARD FOR ENERGY STORAGE SYSTEMS AND EQUIPMENT - STANDARD 9540
    - STANDARD FOR THE INSTALLATION OF STATIONARY ENERGY STORAGE SYSTEMS - NFPA 855
    - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - ACI 318-14



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Revisions:	
No.	Date:

Drawn by:  
**A. REXROAT**

Checked by:  
**S. MEERSMA**

Approved by:  
**C. DUNCAN**

**SCS DELL 014136 YORKTOWN, LLC**  
**DELL AVENUE SOLAR FARM**  
**FIXED-TILT GROUND MOUNT SOLAR ENERGY SYSTEM**  
**DELL AVENUE, YORKTOWN, NEW YORK 10514**

Contract No:  
431302

Scale:  
AS SHOWN

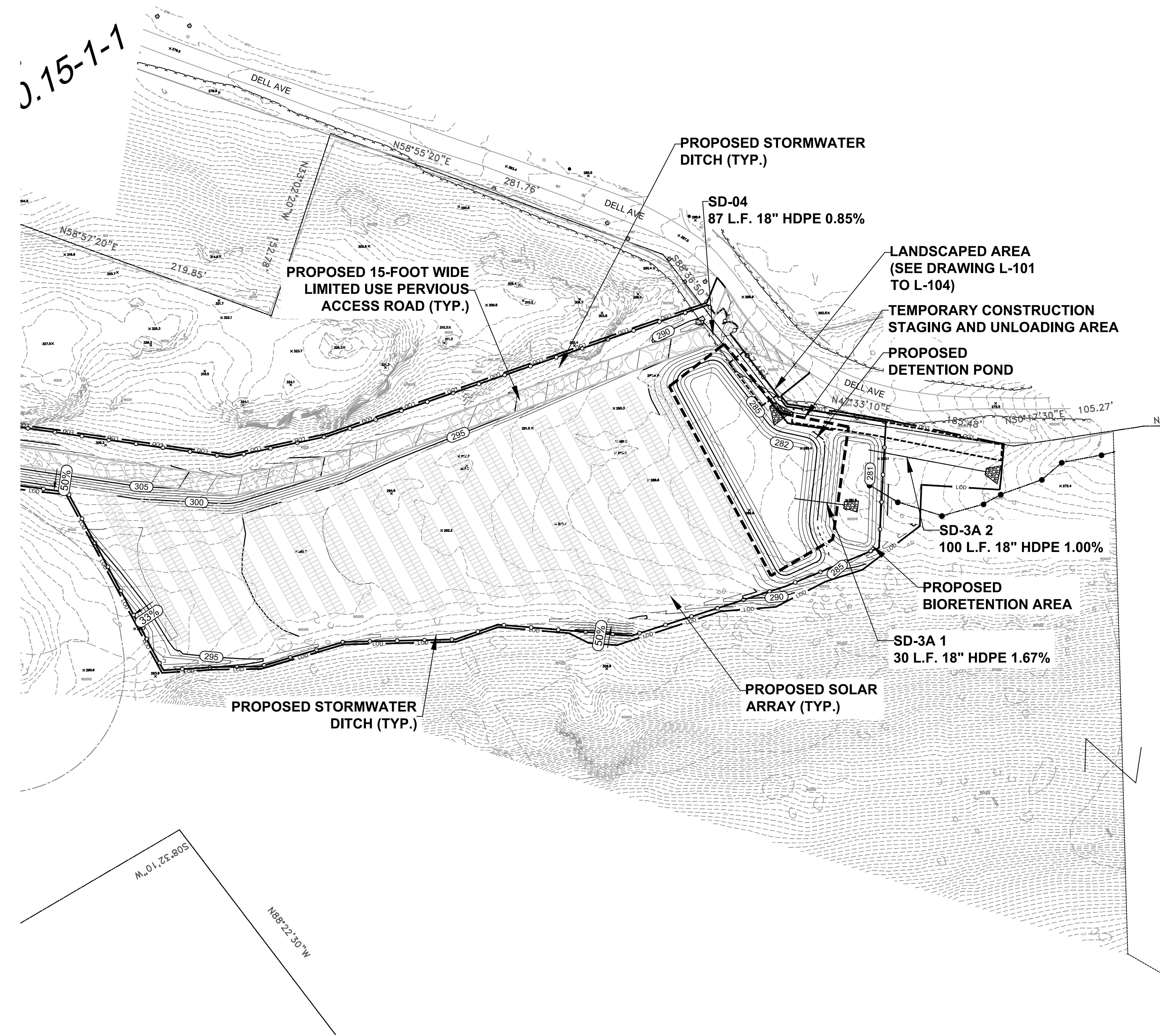
Date:  
SEPTEMBER 21, 2022

Sheet:  
GRADING PLAN - SOUTH

Drawing No:  
**C-105**



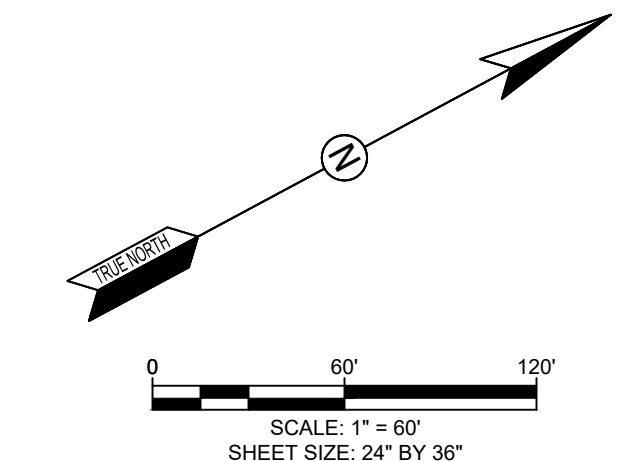
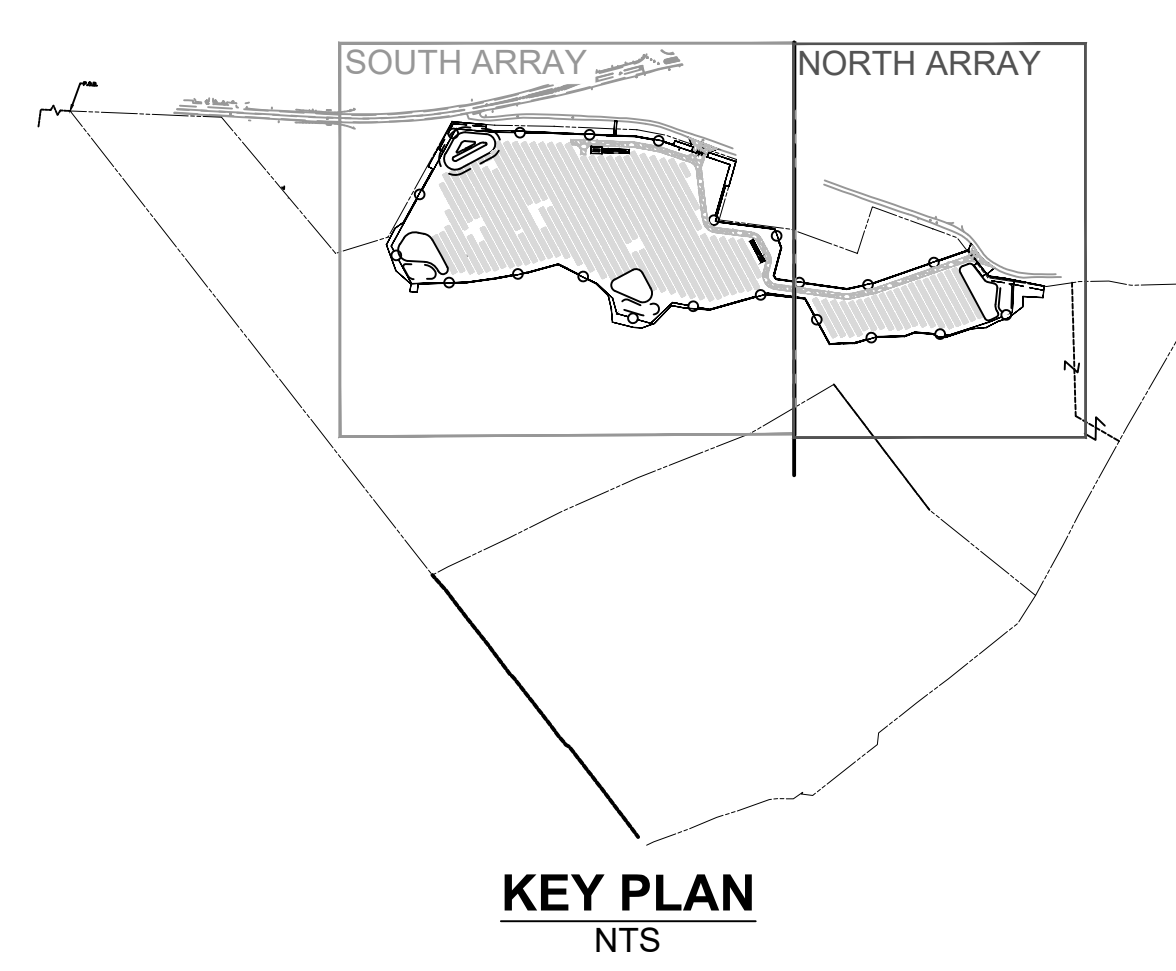
REFER TO DRAWING C-105



**LEGEND:**

--- 420 ---	EXISTING MAJOR CONTOUR (FEET)
--- 418 ---	EXISTING MINOR CONTOUR (FEET)
---	PARCEL LINE
LOD	LIMIT OF DISTURBANCE
○	PROPOSED PERIMETER FENCE
---	PROPOSED MAJOR CONTOUR (FEET)
---	PROPOSED MINOR CONTOUR (FEET)
---	100-FOOT NYSDEC ADJACENT AREA BUFFER
---	50-FOOT NYSDEC ADJACENT STREAM BUFFER
---	100-FOOT NYSDEC ADJACENT STREAM BUFFER
---	STONE WALL
---	TREE LINE
---	TRAIL
○	ROCK
---	DELINEATED STREAM LINE
---	DELINEATED WETLAND
---	DELINEATED SURFACE WATER
---	15' WIDE ACCESS ROAD

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Contract No:  
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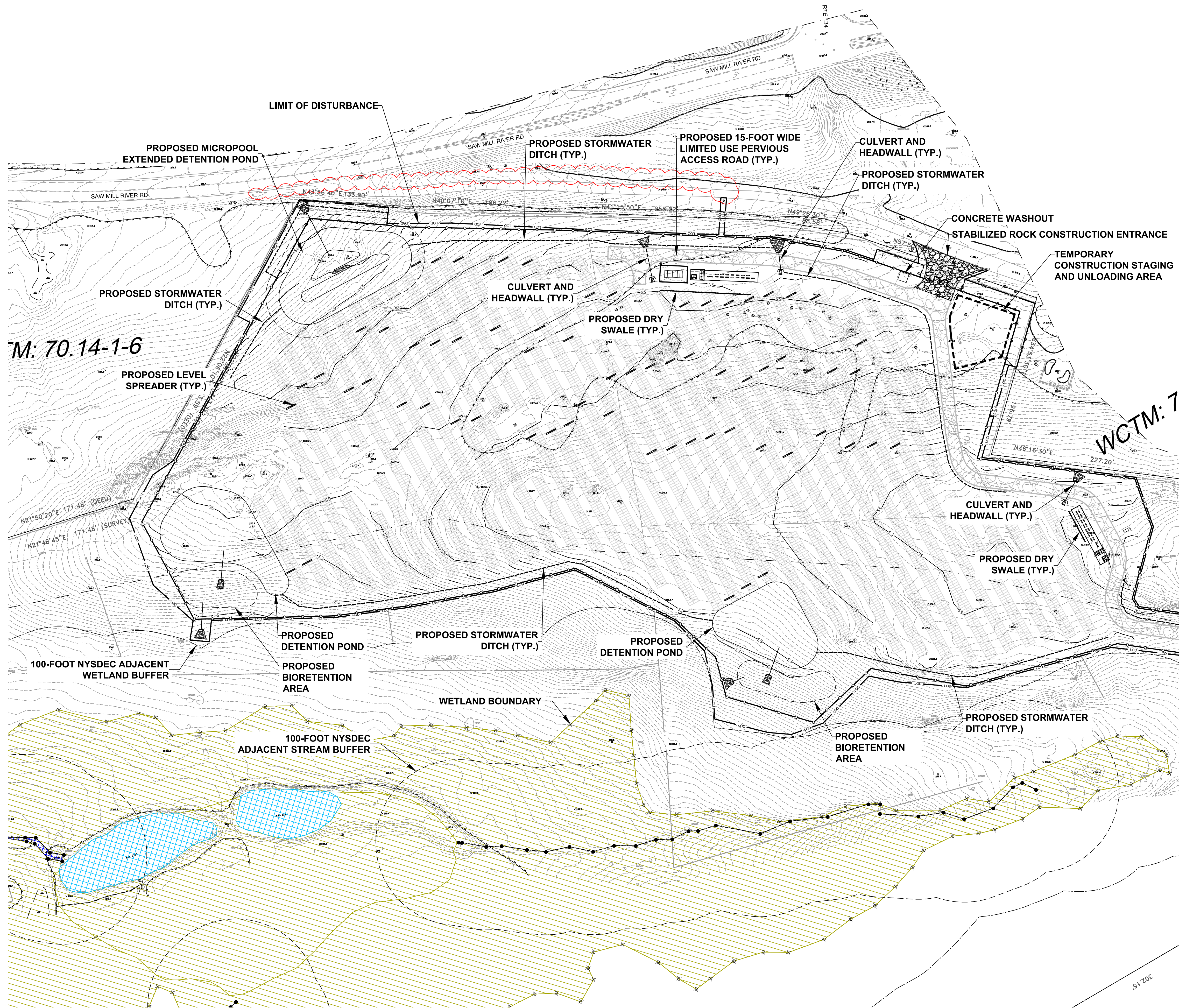
Scale:  
AS SHOWN

Date:  
SEPTEMBER 21, 2022

Sheet:  
GRADING PLAN - NORTH

Drawing No:  
**C-106**



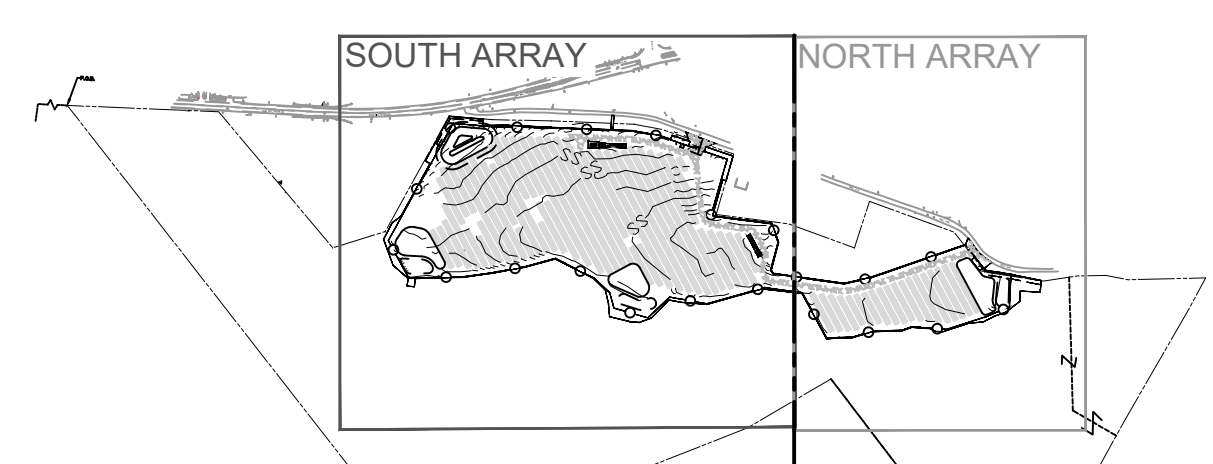


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  - 418 --- EXISTING MINOR CONTOUR (FEET)
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  - --- TREE LINE
  - --- TRAIL
  - ROCK
  - --- ROCKS
  - --- DELINEATED STREAM LINE
  - --- DELINEATED WETLAND
  - --- DELINEATED SURFACE WATER
  - --- 15' WIDE ACCESS ROAD
  - --- STABILIZED CONSTRUCTION ENTRANCE
  - --- TEMPORARY CONSTRUCTION STAGING AREA
  - --- COMPOST FILTER SOCK

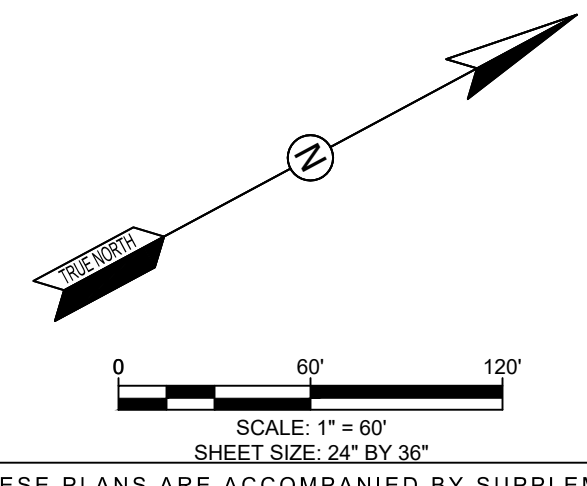
REFER TO DRAWING C-108

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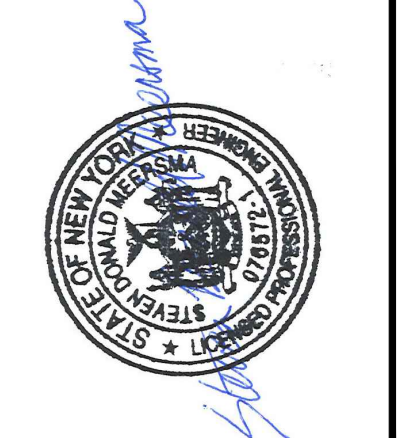
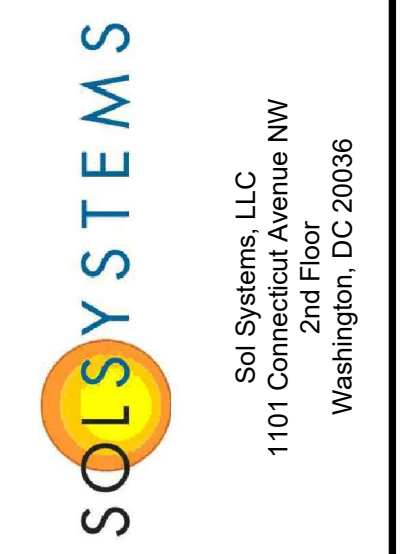


**KEY PLAN**  
NTS



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**A. REXROAT**

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DELL AVENUE, YORKTOWN, NEW YORK 10514**

Contract No:  
**431302**

Scale:  
**AS SHOWN**

Date:  
**SEPTEMBER 21, 2022**

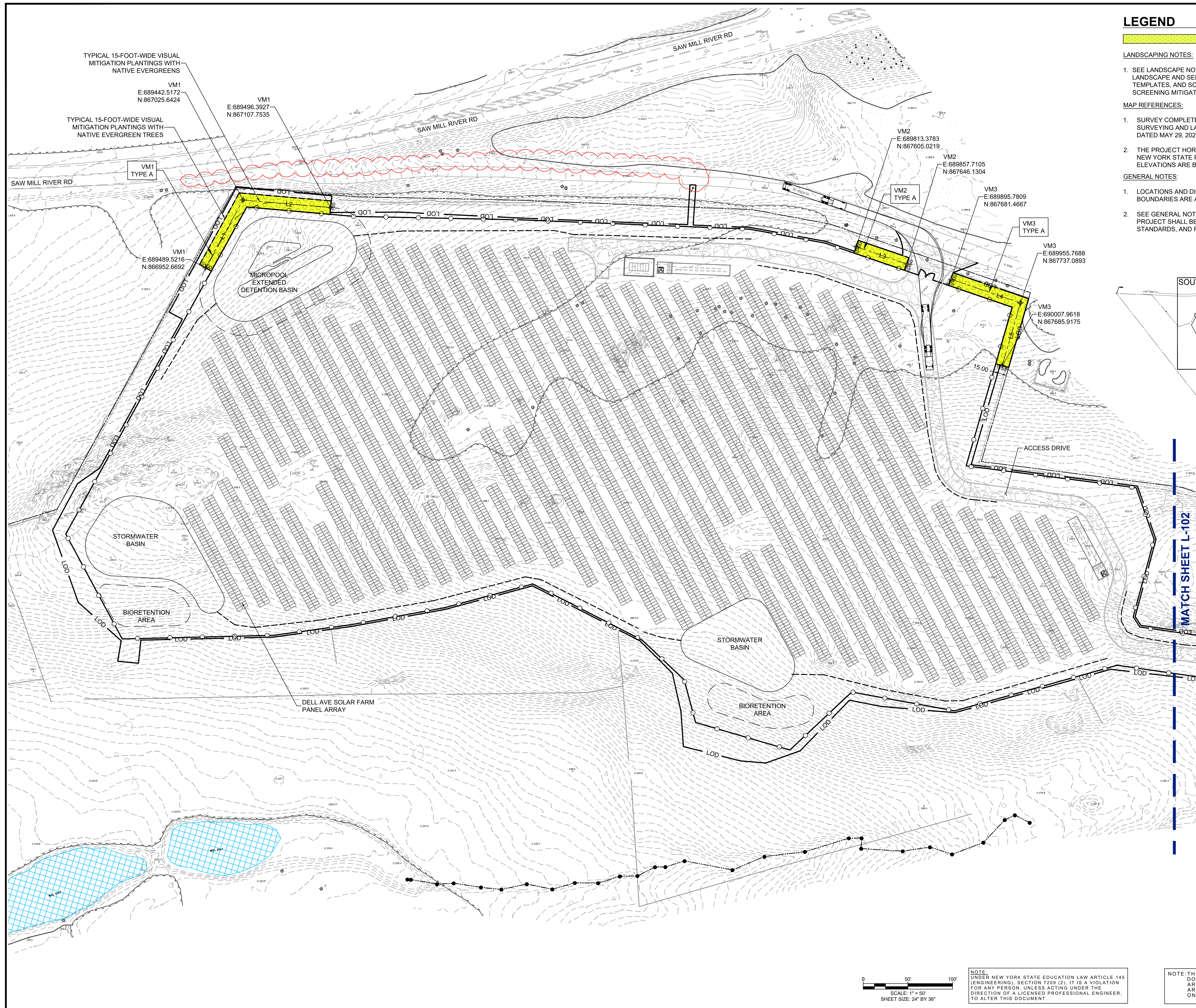
Sheet:  
**E&S PLAN - SOUTH**

Drawing No:  
**C-107**









**LEGEND**

PROPOSED LANDSCAPING FEATURES  
 VISUAL MITIGATION TYPE A:  
 VM-1, VM-2, AND VM-3

**LANDSCAPING NOTES:**

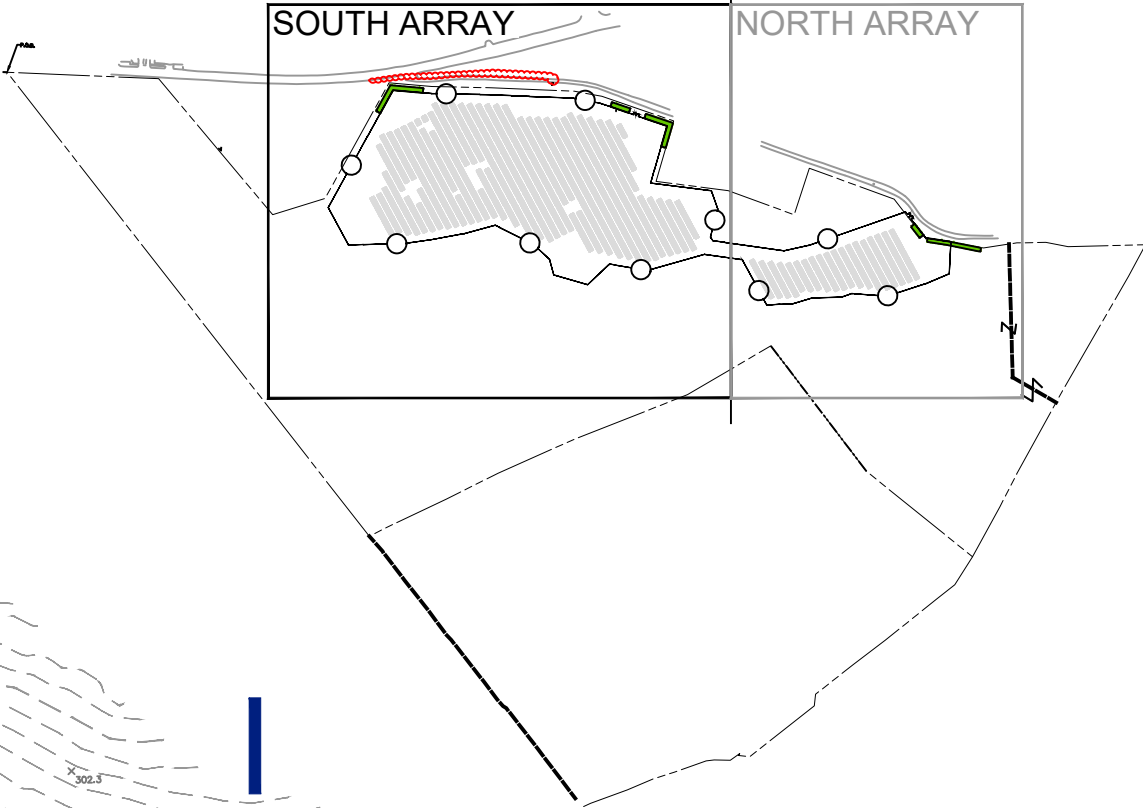
- SEE LANDSCAPE NOTES & DETAILS SHEETS L-103 TO L-104 FOR GENERAL LANDSCAPE AND SEEDING NOTES; SOLAR SEED MIX; PLANTING DETAILS, TEMPLATES, AND SCHEDULES; AND COORDINATE VEGETATIVE BUFFER / SCREENING MITIGATION TABLES.

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**GENERAL NOTES:**

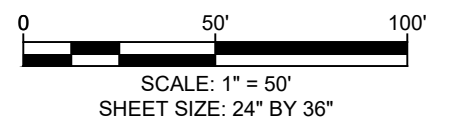
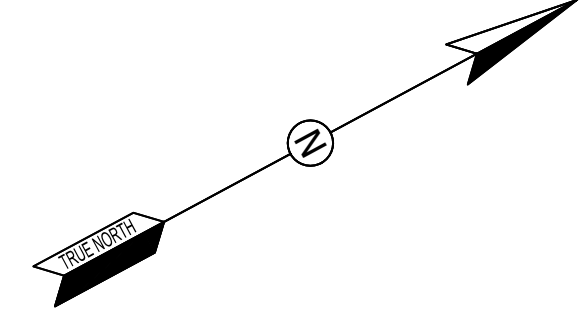
- LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND PROPERTY BOUNDARIES ARE APPROXIMATE.
- SEE GENERAL NOTES #2, SHEET C-103 (SITE PLAN - SOUTH) THAT THE PROJECT SHALL BE DESIGNED IN COMPLIANCE WITH ALL APPLICABLE CODES, STANDARDS, AND REQUIREMENTS.



**KEY PLAN**  
NTS

**LEGEND:**

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- 418 --- EXISTING MINOR CONTOUR (FEET)
- --- PARCEL LINE
- LOD --- LIMIT OF DISTURBANCE
- --- PROPOSED PERIMETER FENCE
- --- 100-FOOT NYSDEC ADJACENT AREA
- --- 50-FOOT NYSDEC ADJACENT STREAM BUFFER
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Contract No:  
431302  
Scale:  
AS SHOWN  
Date:  
SEPTEMBER 21, 2022  
Sheet:  
LANDSCAPE PLAN  
SOUTH  
Drawing No:  
L-101







**GENERAL LANDSCAPE AND SEEDING NOTES**

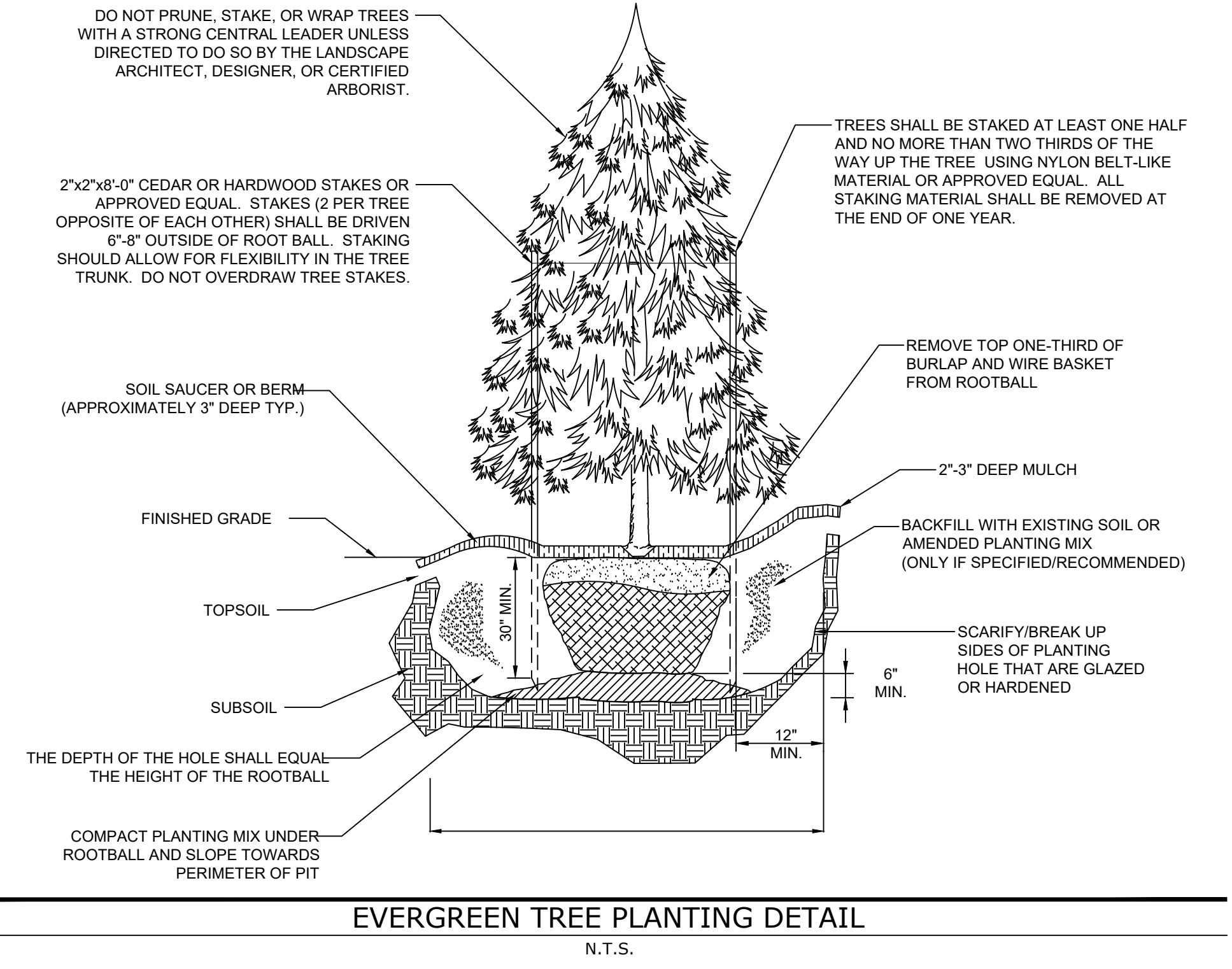
1. THE LANDSCAPE PLAN AND DETAILS ARE FOR LANDSCAPING INFORMATION ONLY. PLEASE REFER TO THE SITE LAYOUT PLAN, GRADING PLAN AND/OR UTILITIES PLAN FOR ALL OTHER INFORMATION.
2. THE CONTRACTOR SHALL MONITOR AND GUARANTEE THAT ALL PLANTS, TREES, AND SHRUBS SHALL BE HEALTHY AND FREE OF DISEASE FOR A PERIOD 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. WATERING OF THE LANDSCAPE BUFFER AREAS SHALL BE IMPLEMENTED BY THE USE OF A WATERING TRUCK.
3. THE CONTRACTOR SHALL SUPPLY ALL LABOR, PLANTS, APPROVED SEEDING MIX, AND MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE WORK SHOWN ON THE DRAWING(S) AND LISTED IN THE PLANT SCHEDULE(S) AND/OR SEEDING TABLE(S). IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN IN THE PLANT SCHEDULE AND/OR SEEDING TABLE AND THOSE REQUIRED BY THE DRAWINGS, THE LARGER SHALL APPLY. ALL PLANTS SHALL BE ACCLIMATED BY THE SUPPLY NURSERY TO THE LOCAL HARDINESS ZONE AND BE CERTIFIED THAT THE PLANTING MATERIAL HAS BEEN GROWN FOR A MINIMUM OF (2) TWO YEARS AT THE SOURCE AND OBTAINED WITHIN 200 MILES OF PROJECT SITE UNLESS OTHERWISE APPROVED BY OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT.
4. THE LOCATIONS FOR PLANT MATERIAL ARE APPROXIMATE AND ARE SUBJECT TO FIELD ADJUSTMENT DUE TO SLOPE, VEGETATION, AND SITE FACTORS SUCH AS THE LOCATION OF ROCK OUTCROPS. PRIOR TO PLANTING THE CONTRACTOR SHALL ACCURATELY STAKE OUT THE LOCATIONS FOR ALL PLANTS. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT SHALL APPROVE THE FIELD LOCATIONS OR ADJUSTMENTS OF THE PLANT MATERIAL.
5. ALL SHRUB MASSING AREAS SHALL BE MULCHED TO A DEPTH OF 2" WITH SHREDDED HARDWOOD BARK MULCH.
6. NO PLANT SHALL BE PLACED IN THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, OR LANDSCAPE ARCHITECT. 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. THE OWNER, CERTIFIED LANDSCAPE INSPECTOR, LANDSCAPE ARCHITECT SHALL ONLY PERMIT SUBSTITUTIONS UPON WRITTEN APPROVAL. THEIR SIZES SHALL CONFORM TO THE MEASUREMENT SPECIFIED ON THE DRAWINGS. PLANTS LARGER THAN SPECIFIED ON THE DRAWINGS MAY BE USED IF APPROVED. THE USE OF SUCH PLANTS SHALL NOT INCREASE THE CONTRACT PRICE. ALL TREES AND SHRUBS SHALL BE MULCHED IN ACCORDANCE WITH THE RESPECTIVE PLANTING DETAIL(S) PROVIDED IN THE LANDSCAPING PLAN.
  - ALL PRUNING SHALL CONFORM TO THE TREE CARE INDUSTRY ASSOCIATION (TCIA) ANSI A300 (PART 1) - 2017 PRUNING STANDARDS. PRUNING STANDARDS SHALL RECOGNIZE BUT, ARE NOT LIMITED TO, THE FOLLOWING PRUNING OBJECTIVES: MANAGE RISK; MANAGE HEALTH; DEVELOP STRUCTURE; PROVIDE CLEARANCE; 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.
9. NON-NATIVE PLANT SPECIES SHALL NOT TOTAL MORE THAN 50% OF ALL PLANTINGS. INVASIVE SPECIES SHALL NOT BE PERMITTED.
10. PLANT MATERIALS SHALL NOT INCLUDE MORE THAN 25% OF ANY SINGLE SPECIES. THE PLANTINGS SHALL INCLUDE A MIX OF EVERGREEN AND DECIDUOUS TREES, UNDERSTORY TREES, SHRUBS, AND FLOWERING HERBACEOUS LAYER.
11. ALL PLANT MATERIAL SHALL CONFORM TO THE PLAN SIZE SPECIFICATIONS AS ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK LATEST EDITION.

**LEGEND - OVERALL PLANTING TOTALS**

LANDSCAPE PLANTING SCHEDULE		VISUAL MITIGATION PLANTING TEMPLATE TYPES A			
<b>EVERGREEN TREES</b>					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	25	5'-6" HT.	B&B	40'-50" HT.
PG	PICEA GLAUCA WHITE SPRUCE	28	5'-6" HT.	B&B	40'-60" HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	15	5'-6" HT.	B&B	40'-50" HT.

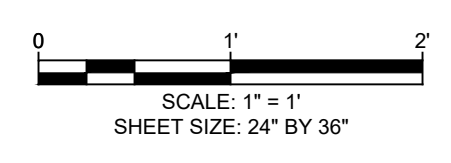


**FLOWERING HERBACEOUS LAYER/NORTHEAST NATIVE POLLINATOR SEED MIXES**

ERNST CONSERVATION SEEDS: FUZZ & BUZZ MIX - STANDARD - ERNMX-146					
MIX CONCENTRATION	BOTANICAL NAME	COMMON NAME	RATE (LBS/ACRE)	RATE (LBS/1000 FT <sup>2</sup> )	
26.40%	LOLIUM PERENNE, 'CRAVE' TETRAPLOID	PERENNIAL RYEGRASS, 'CRAVE', TETRAPLOID	40	.92	
20.80%	DACTYLIS GLOMERATA, 'PENNLATE'	ORCHARDGRASS, 'PENNLATE'			
18.90%	POA PRATENSIS, 'GINGER'	KENTUCKY BLUEGRASS, 'GINGER' (PASTURE TYPE)			
17.00%	FESTUCA ELATIOR X LOLIUM PERENNE, 'DUO'	FESTULOLIUM, 'DUO'			
5.70%	TRIFOLIUM HYBRIDUM	ALSIKE CLOVER			
4.80%	TRIFOLIUM PRATENSE, MEDIUM, VARIETY NOT STATED	RED CLOVER, MEDIUM, VARIETY NOT STATED			
2.00%	LOTUS CORNICULATUS, 'LEO'	BIRD'S FOOT TREFOIL, 'LEO'			
1.30%	CICORIUM INTYBUS	BLUE CHICORY			
1.00%	CHRYSANTHEMUM LEUCANTHEMUM	OXEYE DAISY			
0.90%	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS			
0.80%	CHAMAECRISTA FASCICULATA, PA ECOTYPE	PARTRIDGE PEA, PA ECOTYPE			
0.40%	SOLIDAGO NEMORALIS, PA ECOTYPE	GRAY GOLDENROD, PA ECOTYPE			

SEEDING RATE: EXPECT TO APPLY ABOUT 40 LBS PER ACRE WITH A COVER CROP OF ANNUAL RYEGRASS 12 LBS/ACRE

**NOTE:**  
 NATIVE POLLINATOR SEED MIXES ARE INTENDED TO PROVIDE AN 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 INSIDE OF THE SOLAR ARRAY FIELD AND ADJACENT TO THE PERIMETER FENCE.



NOTE: THESE PLANS ARE ACCOMPANIED BY SUPPLEMENTAL DOCUMENTS. THESE DOCUMENTS ARE INTERRELATED AND ARE INTENDED TO BE USED TOGETHER. THESE DOCUMENTS ARE INTENDED TO BE USED FOR LOCAL APPROVAL PURPOSES ONLY.  
 NOT FOR CONSTRUCTION



Revisions:

No.	Date:

Drawn by:  
**A. REXROAT**

Checked by:  
**S. MEERSMA**

Approved by:  
**C. DUNCAN**

**SCS DELL 014136 YORKTOWN, LLC  
 DELL AVENUE SOLAR FARM  
 FIXED-TILT GROUND MOUNT SOLAR ENERGY SYSTEM  
 DELL AVENUE, YORKTOWN, NEW YORK 10514**

Contract No:  
 431302

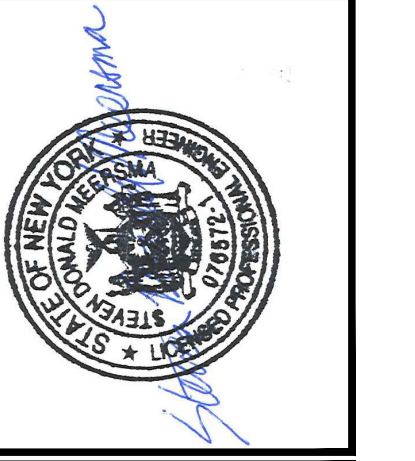
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 AS SHOWN

Date:  
 SEPTEMBER 21, 2022

Sheet:  
 LANDSCAPE NOTES &  
 DETAILS

Drawing No:  
**L-103**





Revisions:

No.	Date:

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A. REXROAT

Checked by:  
S. MEERSMA

Approved by:  
C. DUNCAN

**SCS DELL 014136 YORKTOWN, LLC**  
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Date:  
SEPTEMBER 21, 2022

Sheet:  
LANDSCAPE PLANTING TEMPLATE,  
SCHEDULES, & COORDINATE POINTS

Drawing No:  
**L-104**

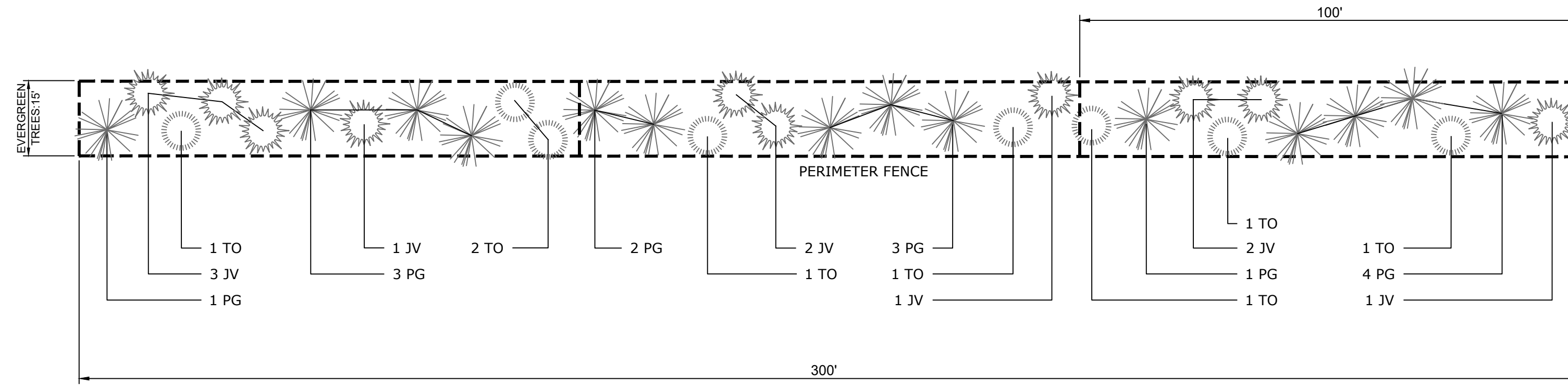
**VISUAL MITIGATION PLANTING TEMPLATE - TYPE A**

N.T.S.

**LEGEND** VISUAL MITIGATION PLANTING TYPE "A":

**BUFFER TYPE "A" NOTE:**

- SEE GENERAL SEEDING AND LANDSCAPE NOTES FOR ADDITIONAL PLANTING REQUIREMENTS AND SEED MIXTURES.
- THE 15-FOOT-WIDE PROPOSED BUFFER TYPE "A" WILL BE A MIX OF NATIVE EVERGREEN TREES ARRANGED TO FORM A NATURAL APPEARANCE AND CONTINUOUS SOLID SCREEN. SEE THE PLANTING TEMPLATE FOR ARRANGE OF PLANTS AND THE PLANT SCHEDULES FOR TYPE AND SIZE.
- THE PROPOSED BUFFER TREATMENT MEETS THE GENERAL LANDSCAPING REQUIREMENTS PER THE TOWN OF YORKTOWN CODE FOR SOLAR POWER GENERATION SYSTEM AND FACILITIES SECTION 300-81.4 - E. (3) (E).
  - A GROUND MOUNTED SOLAR ENERGY SYSTEM SHALL BE FULLY SCREENED FROM ADJACENT RESIDENTIAL PROPERTIES, STREETS OR ROADS ON WHICH IT FRONT OR IS VISIBLE FROM, AND ANY OTHER VIEWS WHICH THE PLANNING BOARD DETERMINES IS NECESSARY.
- THIS BUFFER IS LOCATED ALONG THE FOLLOWING:
  - ALONG PUBLIC ROAD FRONTAGE/STREET RIGHT-OF-WAY
  - FACING A RESIDENTIAL PROPERTY
- SEE SHEET L103 FOR PLANT MATERIAL TOTALS



**LEGEND** VISUAL MITIGATION PLANTING TEMPLATE - TYPE A

LANDSCAPE PLANTING SCHEDULE (15' EVERGREEN VISUAL BUFFER/SCREENING EFFORT)

DECIDUOUS AND EVERGREEN TREES					
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	10	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	14	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	8	5'-6' HT.	B&B	40'-50' HT.

**VISUAL MITIGATION PLANTING SCHEDULE & COORDINATE TABLES - TYPE A**

**LEGEND - VM1** PLANTING TEMPLATE TYPE A  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 185 LF

EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	6	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	9	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	5	5'-6' HT.	B&B	40'-50' HT.

**VM1 - COORDINATES**

VM1 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L1	TYPE A	87	N32° 47' 12.82"W	E:689489.5216, N:866952.6692	E:689442.5172, N:867025.6424
L2	TYPE A	98	N33° 16' 12.18"E	E:689442.5172, N:867025.6424	E:689496.3927, N:867107.7535

**LEGEND - VM2** PLANTING TEMPLATE TYPE A  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 60 LF

EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	4	5'-6' HT.	B&B	40'-50' 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.

**VM2 - COORDINATES**

VM2 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L3	TYPE A	60	N47° 09' 38.69"E	E:689813.3783, N:867605.0219	E:689857.7105, N:867646.1304

**LEGEND - VM3** PLANTING TEMPLATE TYPE A  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 155 LF

EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	6	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	7	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	4	5'-6' HT.	B&B	40'-50' HT.

**VM3 - COORDINATES**

VM3 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L4	TYPE A	82	N47° 09' 44.78"E	E:689895.7809, N:867681.4667	E:689955.7688, N:867737.0893
L5	TYPE A	73	S45° 33' 57.82"E	E:689955.7688, N:867737.0893	E:690007.9618, N:867685.9175

**LEGEND - VM4** PLANTING TEMPLATE TYPE A  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 45 LF

EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	3	5'-6' HT.	B&B	40'-50' 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.

**VM4 - COORDINATES**

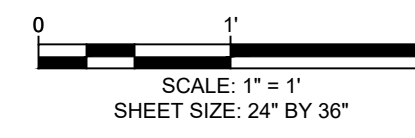
VM4 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L6	TYPE A	45	N80° 37' 10.92"E	E:690591.3788, N:868256.3369	E:690635.7521, N:868263.6672

**LEGEND - VM5** PLANTING TEMPLATE TYPE A  
LANDSCAPE PLANTING SCHEDULE TOTAL MITIGATION LENGTH = 170 LF

EVERGREEN TREES					
SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	QUANTITY	SIZE	ROOT	MATURE HEIGHT
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	6	5'-6' HT.	B&B	40'-50' HT.
PG	PICEA GLAUCA WHITE SPRUCE	8	5'-6' HT.	B&B	40'-60' HT.
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	4	5'-6' HT.	B&B	40'-50' HT.

**VM5 - COORDINATES**

VM5 - VEGETATIVE BUFFER / SCREEN MITIGATION TABLE					
NUMBER	MITIGATION TYPE	LENGTH	LINE/CHORD DIRECTION	START EASTING, NORTHING	END EASTING, NORTHING
L7	TYPE A	66	N37° 06' 09.33"E	E:690654.1539, N:868274.4382	E:690693.7426, N:868326.7788
L8	TYPE A	104	N39° 35' 14.14"E	E:690693.7426, N:868326.7788	E:690760.0450, N:868406.9609



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