

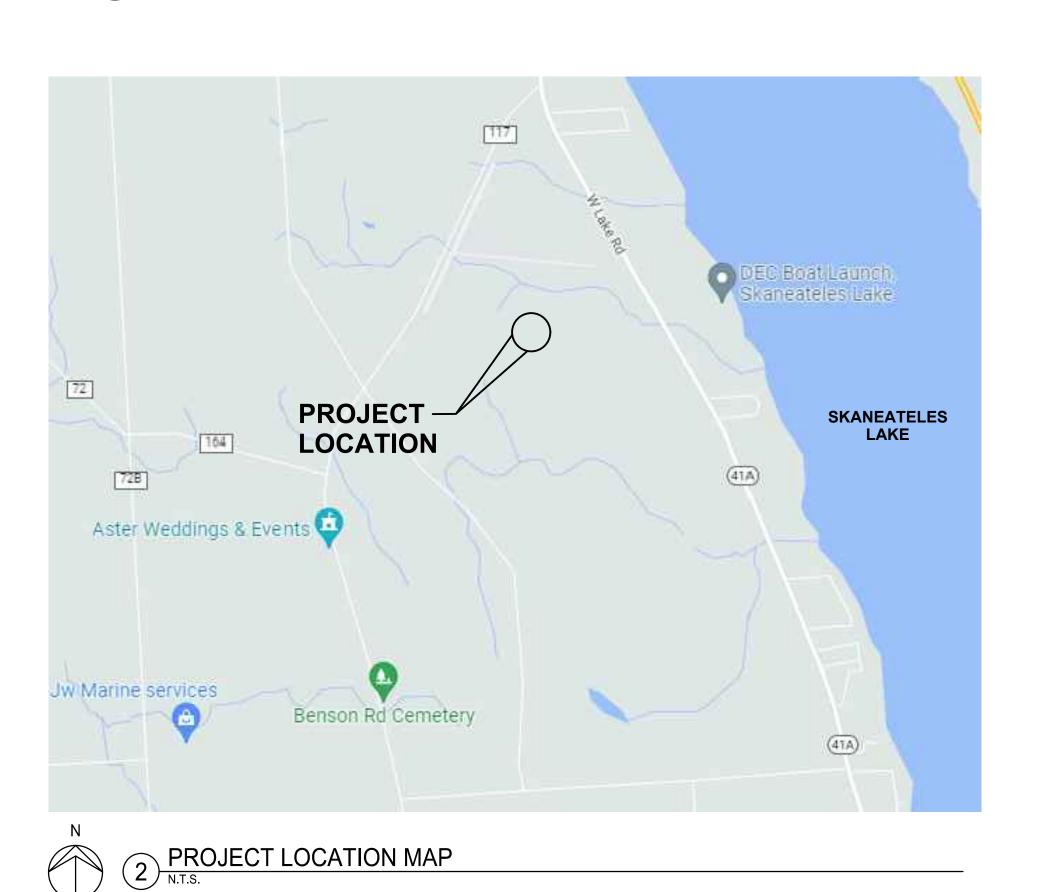
SKANEATELES SOLAR

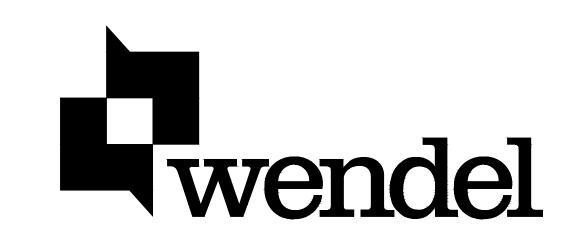
2825 WEST LAKE ROAD **SKANEATELES, NY 13152**

SITE PLAN APPROVAL DOCUMENTS NOVEMBER 2022

SKANEATELES,-**NEW YORK**

1 PROJECT LOCATION MAP



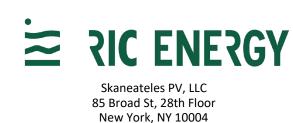


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Wendel Project No. 607115

DRAWING NUMBER	DRAWING TITLE
G001	COVERSHEET
C101	EXISTING CONDITIONS PLAN
C102	SITE PREPARATION AND EROSION AND SEDIMENT CONTROL PLAN
C201	SITE LAYOUT PLAN
C202	INTERCONNECTION AND DRIVEWAY DETAIL
C301	GRADING AND DRAINAGE PLAN
C401	LANDSCAPE PLAN
C402	LANDSCAPE BUFFER ENLARGEMENTS
C501-C502	SITE DETAILS

DRAWING INDEX



SKANEATELES SOLAR

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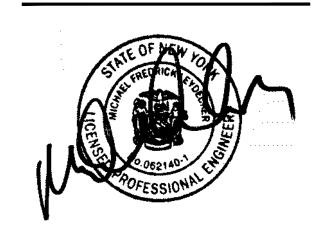
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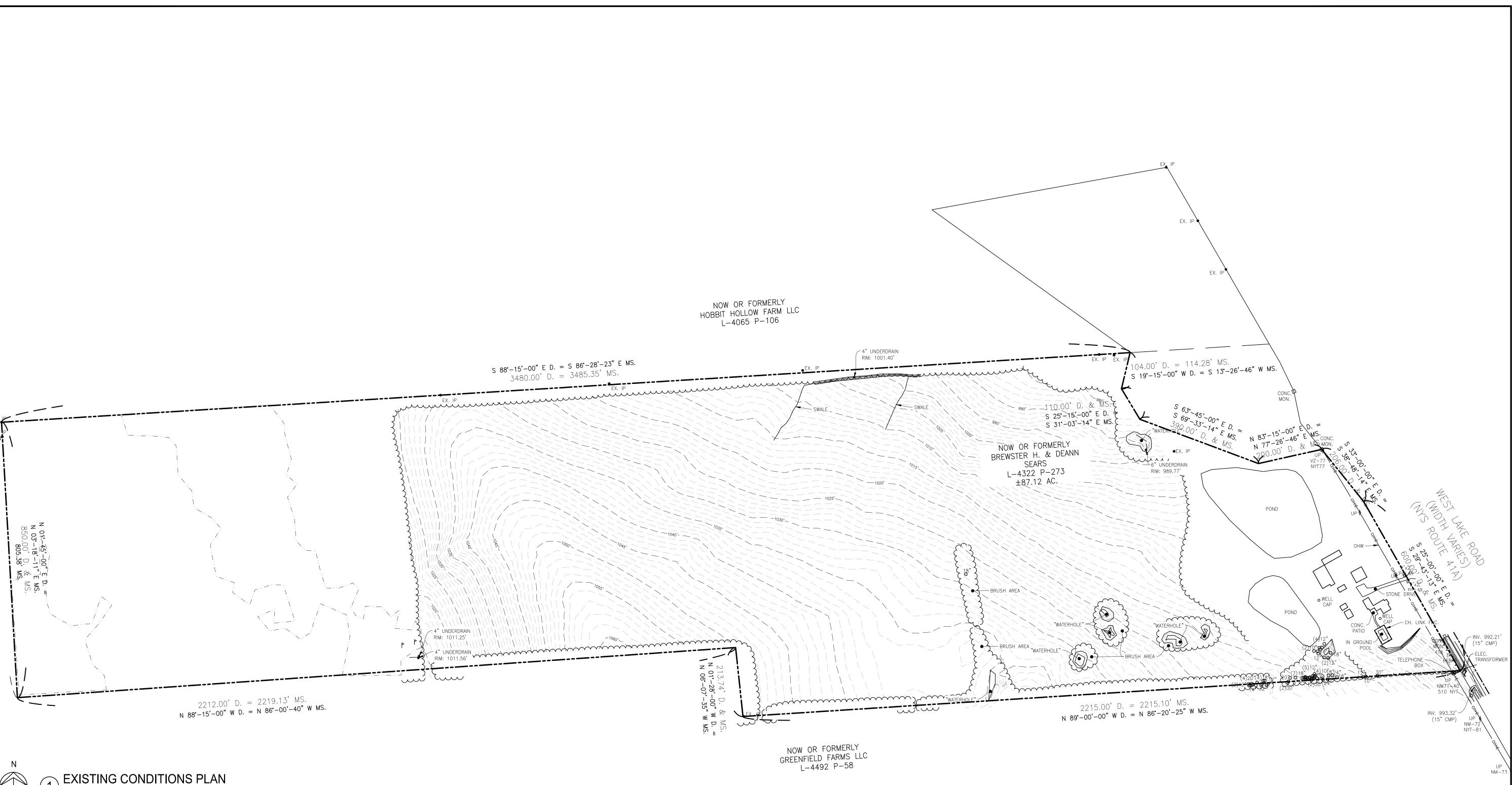
В	REVISED PER TOWN COMMENTS	11/11/2022
Α	SITE PLAN APPROVAL SUBMISSION	05/31/2022
NO.	REVISIONS	DATE

COVERSHEET

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SCALE AS NOTED DWN. NRF CHK. CC1 PROJ No. 607115

G001



GENERAL NOTES:

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83), CENTRAL ZONE, US SURVEY FEET.

2. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88) AS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) REAL TIME NETWORK (NYSNET RTN).

- 3. THIS PROPERTY IS LOCATED WITHIN THE AREA HAVING A ZONE DESIGNATION "X" BY FEDERAL EMERGENCY AGENCY (FEMA) OF FLOOD INSURANCE RATE MAP NO. 36067C0291F WITH AN EFFECTIVE DATE NOVEMBER 4, 2016 FOR COMMUNITY NO. 360592 IN THE TOWN OF SKANEATELES (ONONDAGA COUNTY AND THE STATE OF NEW YORK). ZONE "X" IS AN AREA OF MINIMAL FLOODING.
- 4. FIELDWORK WAS CONDUCTED IN DECEMBER 2021.
- 5. CONTOUR INTERVAL IS 1 FOOT.
- 6. DIG SAFE 811 DESIGN TICKET CALLED IN #12171-000-696-00



≅ RIC ENERGY

85 Broad St, 28th Floor New York, NY 10004

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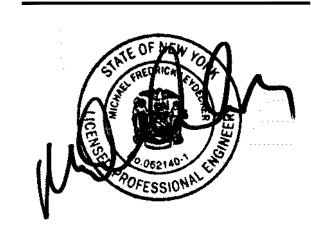
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DWG. TITLE

EXISTING CONDITIONS PLAN

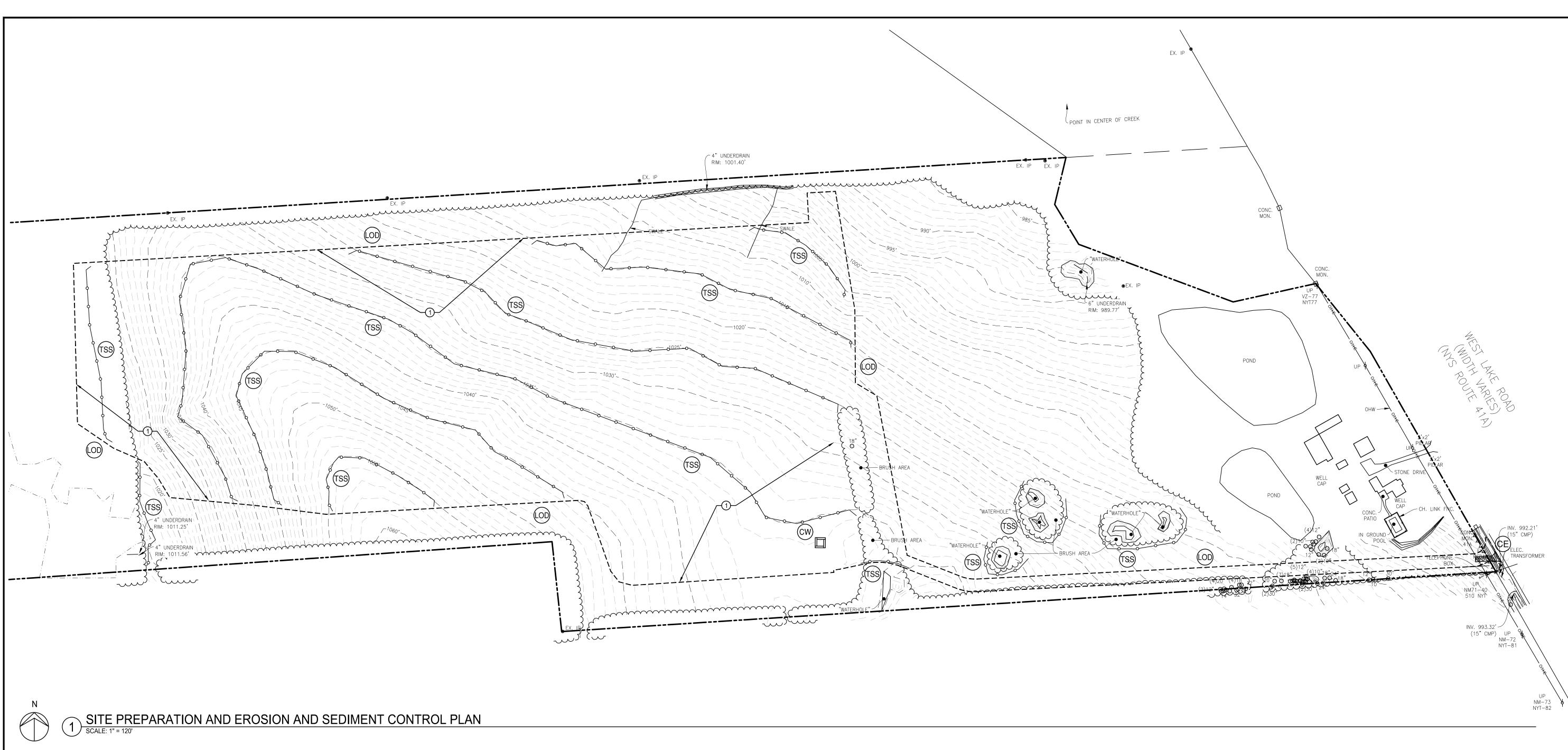
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PROJ. No. 607115

DWG. No.



SYMBOL LEGEND (LOD) = LIMITS OF DISTURBANCE = 30.1 ACRES

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE; RE: 1, C501.

(CW) = TEMPORARY CONCRETE WASHOUT; RE: 6, C501.

○ SITE PREP NOTE:

SITE CLEARING AND GRUBBING

SEQUENCE OF CONSTRUCTION:

- 1. CONDUCT A PRE-CONSTRUCTION MEETING. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXIT(S) AND IDENTIFY LOCATION OF
- TEMPORARY 12" COMPOST FILTER SOCK; RE: 5, C501. 2. INSTALL PERIMETER CONTROLS (SILT FENCE / SILT SOCK) ON THE SITE. CLEAR ONLY TO THOSE AREAS NECESSARY TO INSTALL PERIMETER 3. STABILIZE ANY EXISTING DISTURBED AREAS WITHIN THE PROPERTY
 - THAT ARE OUTSIDE THE LIMITS OF CONSTRUCTION DISTURBANCE. 4. ENGAGE A QUALIFIED PROFESSIONAL TO PERFORM AN INITIAL SITE INSPECTION AND ASSESSMENT. IMPLEMENT ANY ADDITIONAL CONTROLS
 - 5. ENGAGE A QUALIFIED INSPECTOR TO CONDUCT CONSTRUCTION DURATION INSPECTIONS ACCORDING TO THE SWPPP.
 - 6. CLEAR AND GRUB SITE WITHIN LIMITS OF CONSTRUCTION.
 - STRIP AND STOCKPILE TOPSOIL. 8. INSTALL TEMPORARY CONSTRUCTION ACCESS ROAD(S). 9. BEGIN ROUGH GRADING AND MASS EXCAVATION ACTIVITIES.

RECOMMENDED IN SAID INSPECTION.

- 10. BEGIN INSTALLATION OF SOLAR ARRAYS. 11. INSTALL STORM SEWERS, STORMWATER MANAGEMENT PRACTICES, AND OTHER REQUIRED UTILITIES.
- 12. INSTALL AND MAINTAIN ALL PRACTICES IN CONFORMANCE WITH THE PLANS, DETAILS, AND PROJECT SWPPP.
- 13. TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
- 14. INSTALL SOLAR PANELS. 15. REMOVE TEMPORARY ACCESS ROADS AND APPLY SOIL RESTORATION PRACTICES PER SECTION 5.1.6 OF THE SWDM.
- 16. INSTALL PERVIOUS GRAVEL ROADWAY. 17. PERMANENTLY STABILIZE AREAS AS THEY ARE BROUGHT TO FINAL
- 18. COMPLETE FINAL GRADING AND INSTALL LANDSCAPE PLANTINGS. 19. RESTORE SOIL IN ACCORDANCE WITH SECTION 5.1.6 OF THE STORMWATER MANAGEMENT DESIGN MANUAL. FULL SOIL RESTORATION IS REQUIRED IN AREAS OF CUT OR FILL AND IN AREAS THAT HAVE BEEN
- IMPACTED BY CONSTRUCTION EQUIPMENT. 20. OBTAIN CONCURRENCE WITH THE CONSTRUCTION MANAGER (CM) THAT THE SITE HAS BEEN FULLY STABILIZED THEN: a. REMOVE ALL REMAINING TEMPORARY EROSION AND SEDIMENT
 - CONTROL DEVICES. b. STABILIZE ANY AREAS DISTURBED BY THE REMOVAL OF BMP'S c. ASK THE CM TO CONTACT THE QUALIFIED INSPECTOR TO COMPLETE
 - FINAL SITE INSPECTION AND REPORT ACCORDING TO THE SWPPP. VERIFY THAT CONSTRUCTION IS COMPLETE AND THAT THE SITE HAS ACHIEVED FINAL STABILIZATION. COMPLETE THE NOTICE OF TERMINATION (NOT) AND SUBMIT TO NYSDEC DIVISION OF WATER TO CLOSE THE PERMIT

BEST MANAGEMENT PRACTICE MAINTENANCE:

ALL BEST MANAGEMENT PRACTICES (INCLUDING EROSION AND SEDIMENT CONTROLS) SHOWN ON THIS PLAN, AND AS DESCRIBED IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED INSPECTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY SO THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- SILT FENCE / SILT SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE OR SOCK (OR LESS IF IT INTERFERES WITH THE FUNCTIONALITY OF THE PRACTICE).
- THE CONSTRUCTION ENTRANCES/EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING PUBLIC STREETS SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN

INSPECTION FREQUENCY:

AS REQUIRED BY THE GENERAL PERMIT, FOR CONSTRUCTION SITES WHERE SOIL DISTURBANCE ACTIVITIES ARE ON-GOING, THE QUALIFIED INSPECTOR SHALL CONDUCT A SITE INSPECTION AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS.

FOR CONSTRUCTION SITES WHERE SOIL DISTURBANCE ACTIVITIES ARE ON-GOING AND THE OWNER OR OPERATOR HAS RECEIVED AUTHORIZATION IN ACCORDANCE WITH PART II.D.3 TO DISTURB GREATER THAN FIVE (5) ACRES OF SOIL AT ANY ONE TIME, THE QUALIFIED INSPECTOR SHALL CONDUCT AT LEAST TWO (2) SITE INSPECTIONS EVERY SEVEN (7) CALENDAR DAYS. THE TWO (2) INSPECTIONS SHALL BE SEPARATED BY A MINIMUM OF TWO (2) FULL CALENDAR DAYS.

NOTES TO THE CONTRACTOR:

- ALL SOIL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN CONFORMANCE WITH THE PROJECT DETAILS & SPECIFICATIONS CONTAINED WITHIN THE LATEST REVISION OF THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONTRACTOR TO UTILIZE THE FOLLOWING EROSION CONTROL MEASURES AS NECESSARY AND AS DIRECTED BY A QUALIFIED INSPECTOR (OR QUALIFIED PROFESSIONAL) TO MINIMIZE SOIL EROSION AND SEDIMENT REMOVAL: SILT FENCE OR SILT SOCKS, CONSTRUCTION ENTRANCE, CHECK DAMS, SEDIMENT TRAPS, AND DUST CONTROL (WATERING).
- IMMEDIATELY DENOTE THE LOCATIONS OF THE FOLLOWING ITEMS ON THE SITE PLANS AFTER THEY ARE IMPLEMENTED AND INSTALLED AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS: TRAILERS, LAY DOWN AREAS, PORTA-POTTIES, WHEEL WASHES, CONCRETE WASHOUTS, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS,

PHASING:

1. A TYPICAL PHASING PLAN HAS BEEN PREPARED WHICH IDENTIFIES THE APPROXIMATE DISTURBED AREA PER PHASE. IF ANY CHANGES ARE MADE TO THIS PHASING PLAN, IT MUST BE NOTED IN THE SWPPP AND UPDATED ON THE SITE PHASING PLAN. REFER TO FIGURE C1 IN APPENDIX A OF THE PROJECT SWPPP.

TEMPORARY VEGETATION SEED MIX:

IF SEASON IS SPRING, SUMMER, OR EARLY FALL; SEED WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (APPROX. 1 LB. PER 1,000 SQUARE FEET).

IF SEASON IS LATE FALL OR EARLY WINTER; SEED WITH CERTIFIED 'AROOSTOOK' WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (APPROX. 2.5 LBS. PER 1,000 SQUARE FEET).

GENERAL EROSION & SEDIMENT CONTROL NOTES:

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP'S) THROUGHOUT ALL PHASES OF CONSTRUCTION AS REQUIRED BY THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). ADDITIONAL BMP'S NOT SHOWN ON THIS PLAN SHALL BE IMPLEMENTED AS REQUIRED BY SITE CONDITIONS AND AS DIRECTED BY THE QUALIFIED INSPECTOR AS A RESULT OF WEEKLY OR BIWEEKLY CONSTRUCTION DURATION INSPECTIONS.
- BMP'S AND OTHER REQUIRED CONTROLS SHALL CONFORM TO FEDERAL, STATE OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR
- 3. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.

AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST

SUPPRESSION OPERATIONS IS PROHIBITED. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE

ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE

ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED 17. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE

THE STATE.

ALL DENUDED AREAS THAT WILL BE INACTIVE FOR 14-DAYS OR MORE MUST BE TEMPORARILY STABILIZED WITH THE USE OF FAST-GERMINATING ANNUAL GRASS-GRAIN VARIETIES, STRAW-HAY MULCH, WOOD CELLULOSE FIBERS, TACKIFIERS, NETTING OR BLANKETS.

ON THESE PLANS SHALL BE INITIATED AS SOON AS PRACTICABLE.

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED AS SHOWN ON THE PLANS. THESE AREAS SHALL BE SEEDED, SODDED AND/OR VEGETATED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN.

- 10. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. ONLY USE INGRESS/EGRESS LOCATIONS AS PROVIDED.
- 11. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- 12. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ACCUMULATED SEDIMENT IN ROADSIDE DRAINAGE SYSTEMS AS WELL AS ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE ONSITE STORM SEWER DRAINAGE SYSTEM IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE SOIL STOCKPILES AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES.
- 5. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS 14. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
 - 15. THE GENERAL CONTRACTOR IS TO DESIGNATE/IDENTIFY AREAS ON THE PLANS (IF DIFFERENT FROM THOSE CURRENTLY SHOWN) INSIDE OF THE LIMITS OF DISTURBANCE FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- DITCHES, UNDERGROUND CONVEYANCE SYSTEMS OR WATERS OF 16. AREAS TO BE FILLED SHALL BE CLEARED AND STRIPPED OF TOPSOIL PRIOR TO PLACEMENT OF FILL.
 - EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS.
 - 18. ALL WATER PUMPED FROM EXCAVATIONS (DEWATERING) MUST PASS THROUGH A SEDIMENT TRAPPING DEVICE BEFORE BEING DISCHARGED FROM THE SITE. THESE DEVICES INCLUDE, BUT ARE NOT LIMITED TO, SEDIMENT BAGS, PORTABLE SEDIMENT TANKS AND SEDIMENT TRAPS.



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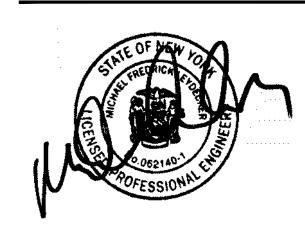
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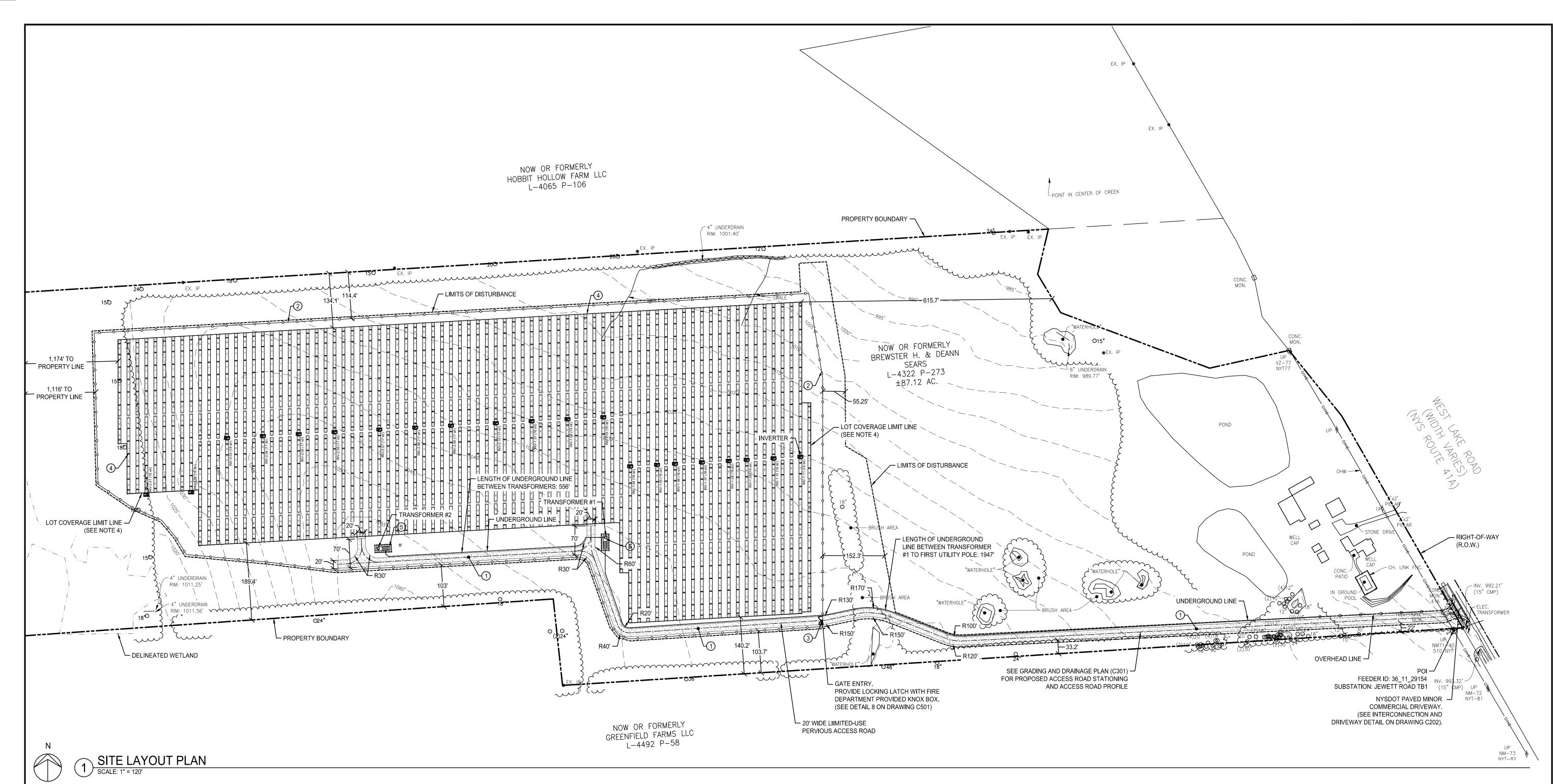
SITE PREPARATION AND **EROSION AND SEDIMENT** CONTROL PLAN

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 11/11/2022 SCALE AS NOTED DWN. NRF CHK. CC1

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DWG No.



ZONING ANALYSIS TABLE				
ZONING DISTRICT	RF - RURAL FARMING AND FOREST			
REQUIRED PERMIT	SPECIAL PERMIT			
ZONE CRITERIA	REQUIRED PROPOSED			
MIN. FRONT SETBACK (R.O.W. LINE TO PANELS)	100 FT	1,273 FT		
MIN. NORTH SIDE SETBACK (PROPERTY LINE TO PANELS)	100 FT	131 FT		
MIN. SOUTH SIDE SETBACK (PROPERTY LINE TO PANELS)	100 FT	140 FT		
MIN. REAR SETBACK (PROPERTY LINE TO PANELS)	100 FT	1,174 FT		
MAX. LOT COVERAGE (SEE NOTE 4)	25%	25% (SEE NOTE BELOW)		
NOTE: AREA CONTAINED WITHIN ARRAY PERIMETER = 21.8 ACRES				

TOTAL LOT AREA = 87.12 ACRES

PROJECT DETAILS		
LAT	42.908675	
LONG	-76.434595	
ILR	1.35	
SYSTEM SIZE (DC) kW	6,345	
SYSTEM SIZE (AC) kW	4,700	
MODULE TYPE	CS7N-660MB-AG	
QUANTITY	8,918	
MODULES PER STRING	26	
INVERTER	Sungrow SG250HX	
QUANTITY	21	
SOLAR TRACKER TYPE	Tracker 1P	
TILT ANGLE	±60°	
PITCH	22'	
AZIMUTH	0°	
FENCE LENGTH	4,930'	
ACCESS ROAD LENGTH	3,189'	
TOTAL AREA OF DISTURBANCE	30.1 ac	
ADDRESS	2825 W Lake Rd, Skaneateles, NY 13152	

○ SITE IMPROVEMENT NOTES:

- 1. LIMITED USE PERVIOUS ACCESS ROAD; RE. DETAILS 1, 2, 3, AND 4 ON DRAWING C502.
- CHAIN-LINK FENCE; RE. DETAIL 7 & 8 ON DRAWING C501.
- 3. CHAIN-LINK GATE; RE. DETAIL 8 ON DRAWING
- C501.
- 4. SOLAR ARRAY MODULE, TYP; RE. DETAIL 2, C501.
- 5. TRANSFORMER PAD; RE. DETAIL 4, C501.

LEGEND:

APPROXIMATE LOCATION OF RIGHT-OF-WAY LINE

EDGE OF VEGETATION/WOODS

LIMITS OF DISTURBANCE

——————

PROPOSED CHAIN LINK FENCE

LOT COVERAGE LIMIT LINE

GENERAL NOTES:

- SEE DRAWING C202 FOR INTERCONNECTION DETAILS AND LAYOUT.
- SEE DRAWING C301 FOR GRADING AND DRAINAGE IMPROVEMENTS.
- 3. SEE DRAWING C301 FOR ACCESS ROAD
- PROFILE.
- 4. LOT COVERAGE IS THE AREA CONTAINED WITHIN THE ARRAY PERIMETER AS A PERCENTAGE OF THE TOTAL LOT AREA PER SOLAR LAW, SECTION 148-35 L.5.c.
- ACCESS DRIVE ALIGNMENT AND TURNAROUND LAYOUT WERE DESIGNED USING THE 2015 INTERNATIONAL FIRE CODE APPENDIX D FIRE APPARATUS ACCESS ROAD GUIDELINES.



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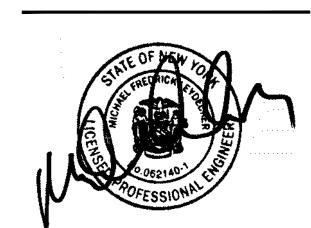
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SITE LAYOUT PLAN

0 1" 2"

GENERIC SCALE BAR

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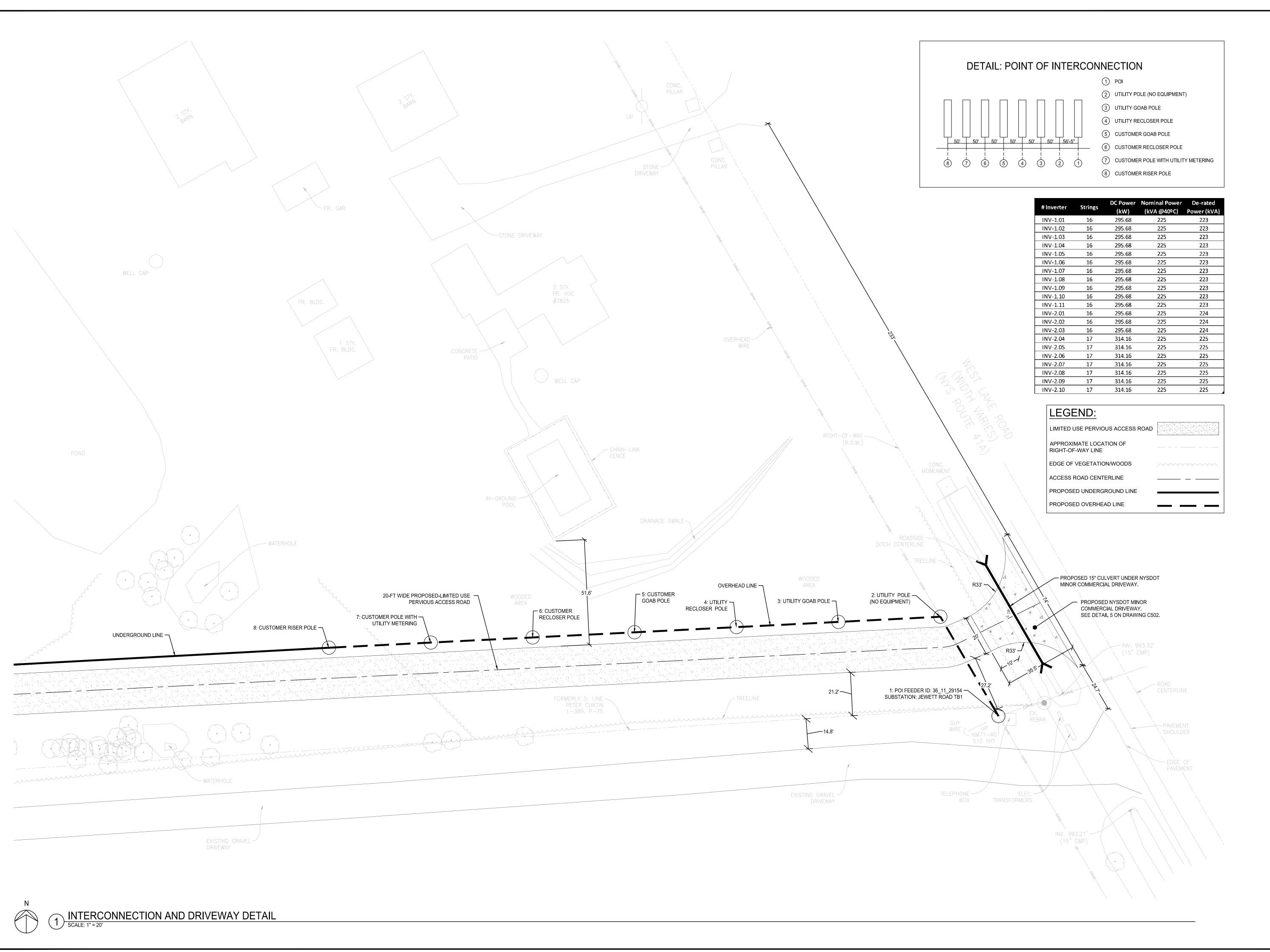
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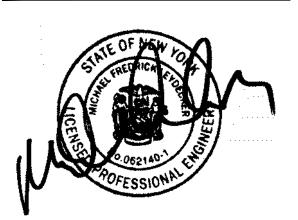
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INTERCONNECTION & DRIVEWAY DETAIL

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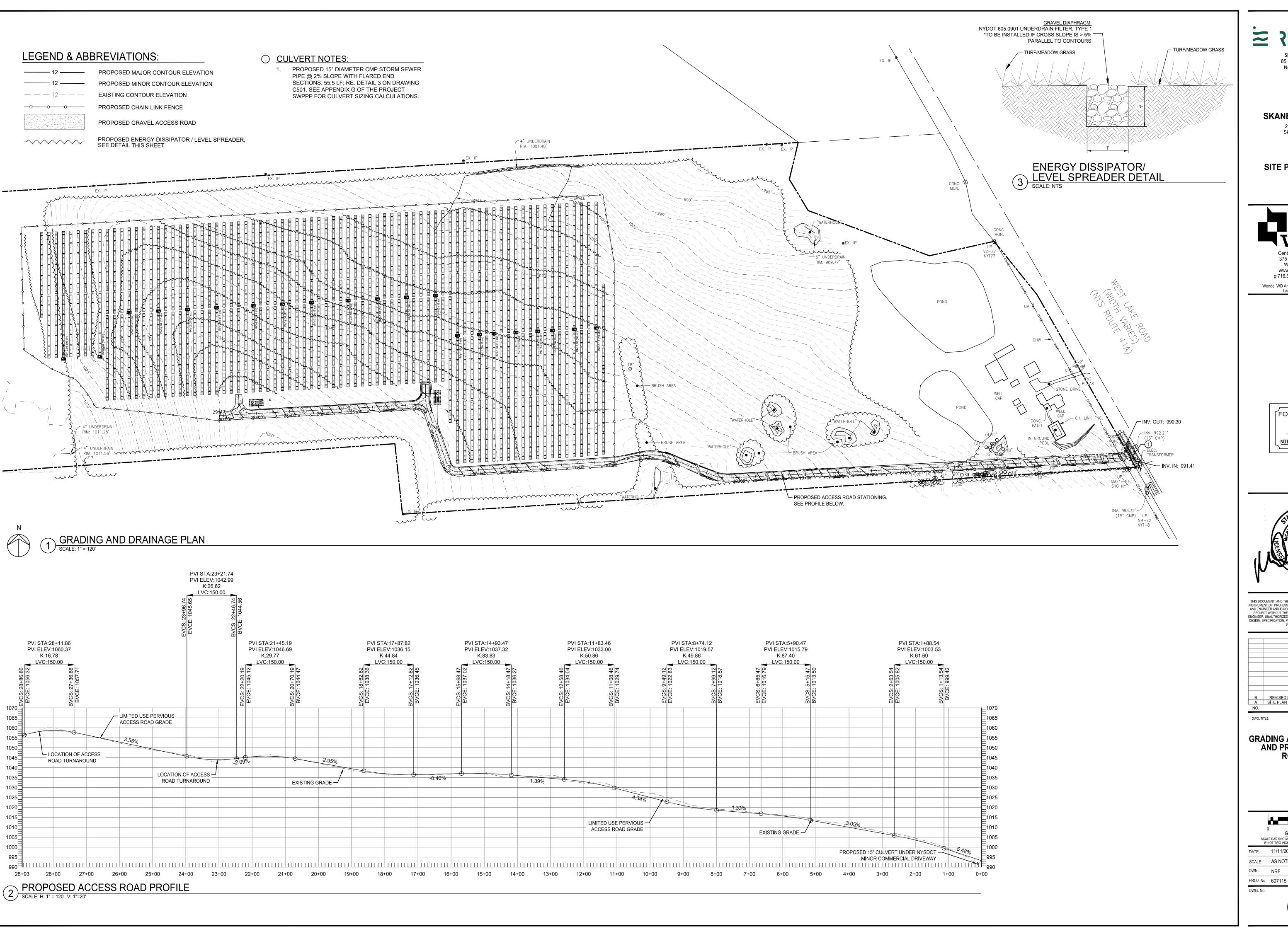
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DWG. No.

C202



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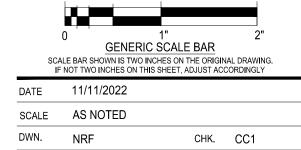
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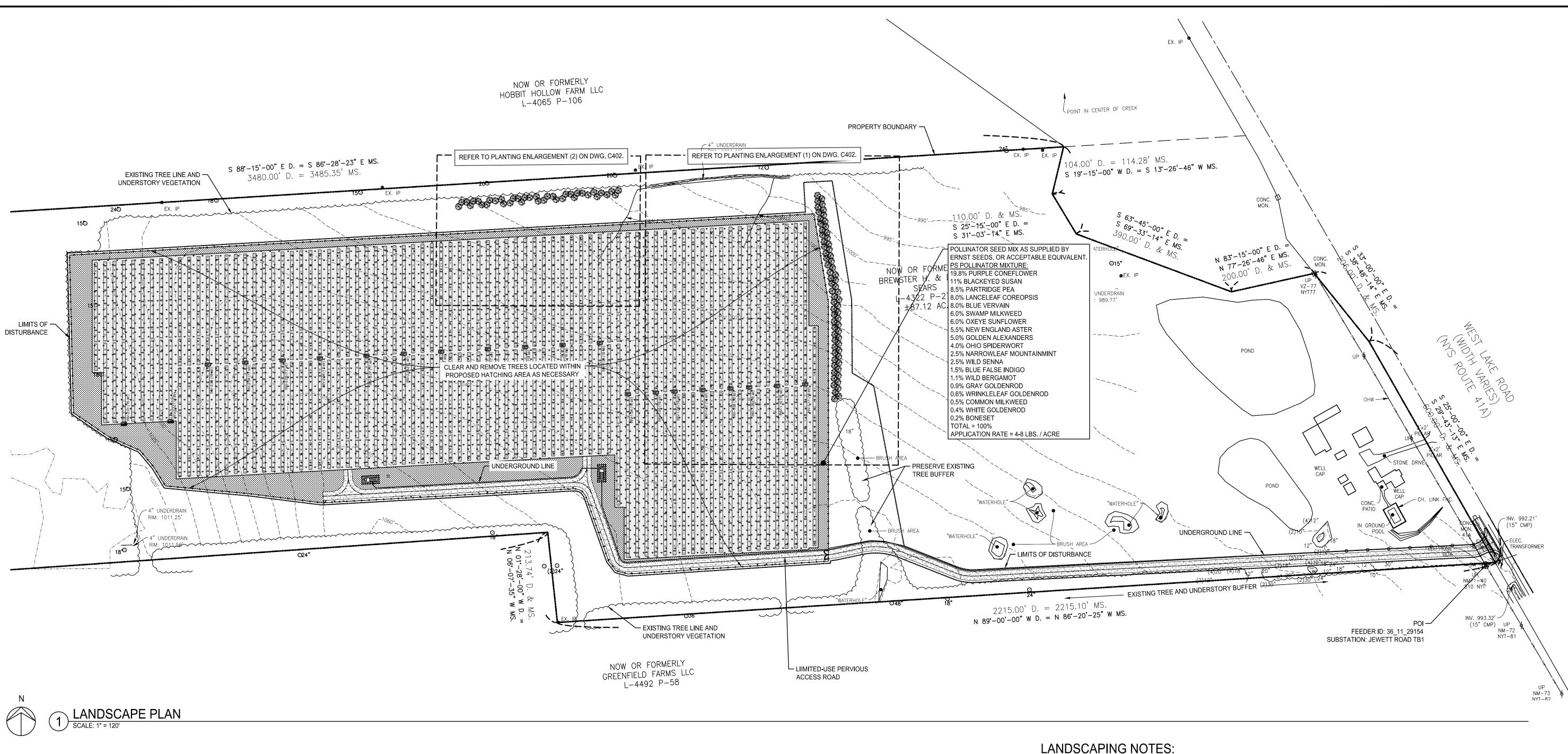
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В	REVISED PER TOWN COMMENTS	11/11/2022
Α	SITE PLAN APPROVAL SUBMISSION	05/31/2022
NO.	REVISIONS	DATE
DWC T		

GRADING AND DRAINAGE PLAN AND PROPOSED ACCESS ROAD PROFLE



C301



1. UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS SHALL BE PLANTED WITH "LOW GROW FESCUE" SEED MIX AS SUPPLIED BY PREFERRED SEED COMPANY, OR ACCEPTABLE EQUIVALENT.

30% NANOOK HARD FESCUE 25% BLUE MESA SHEEP FESCUE 25% QUATRO SHEEP FESCUE 20% PALMETTO TURF TYPE ANNUAL RYEGRASS SEEDING RATE: 6#/1,000 SQ. FT. SIZE: 25# BAG

- 2. CONTRACTOR SHALL SEW SEED, FERTILIZE AND MULCH AS RECOMMENDED BY SEED COMPANY TO ENSURE RAPID ESTABLISHMENT.
- 3. CONTRACTOR SHALL INSPECT AND MAINTAIN ALL PLANTINGS INCLUDING GRASS FOR THE ENTIRETY OF THE GUARANTEE PERIOD; 18 MONTHS. AT THE END OF THE GUARANTEE PERIOD OWNER SHALL MOW ONCE PER YEAR TO MANAGE WOODY GROWTH.
- 4. ALL DAMAGED &/OR DISTURBED AREAS REMAINING, AFTER CONSTRUCTION IS COMPLETED SHALL RECEIVE MIN. 4" TOPSOIL, BE FINE GRADED, FERTILIZED, SEEDED AND MULCHED. TOPSOIL TO BE FLUSH WITH PAVEMENT &/OR TOP OF CURB AND SHALL BE "FEATHERED" INTO ADJACENT LAWN AREAS TO CREATE A SMOOTH TRANSITION BETWEEN NEWLY SEEDED AREAS AND EXISTING
- 5. PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT AND/OR OWNER'S REPRESENTATIVE OF DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON PLANS AND ACTUAL FIELD CONDITIONS.
- 6. CONTRACTOR TO LOCATE AND/OR VERIFY LOCATION OF UTILITIES IN THE FIELD BEFORE BEGINNING WORK. PRIOR TO REMOVAL AND EXCAVATION WORK, CONTRACTOR TO NOTIFY UTILITY COMPANIES AND OWNER'S REPRESENTATIVE REGARDING DISCONNECT OF SERVICES AND MARKING EXACT LOCATION OF BURIED UTILITIES.
- 7. NEW PLANT MATERIAL SHALL CONFORM TO THE CURRENT ISSUE OF THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- 8. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO CONFIRM THE EXISTING SITE CONDITIONS AND SCOPE OF WORK.

LEGEND:

LIMITED USE PERVIOUS ACCESS ROAD WETLAND BOUNDARY

APPROXIMATE LOCATION OF RIGHT-OF-WAY LINE

EDGE OF VEGETATION/WOODS PROPERTY LINES

LIMITS OF DISTURBANCE

LANDSCAPE LEGEND:

LANDSCAPE BUFFER AREA OF PROPOSED EVERGREEN TREES (TREE SYMBOL REPRESENTS MATURE SIZE)

PROPOSED CHAIN LINK FENCE

TURF RESTORATION AREA (LOW GROW

TREE AND UNDERSTORY VEGETATION REMOVAL

POLLINATOR SEED MIX AREA (TOTAL AREA: 3.2 ACRES)

FESCUE)



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85 Broad St, 28th Floor New York, NY 10004

SKANEATELES SOLAR

2825 West Lake Road Skaneateles, NY 13152

SITE PLAN APPROVAL



375 Essjay Road, Suite 200 Williamsville, NY 14221 www.wendelcompanies.com p:716.688.0766 f:716.625.6825

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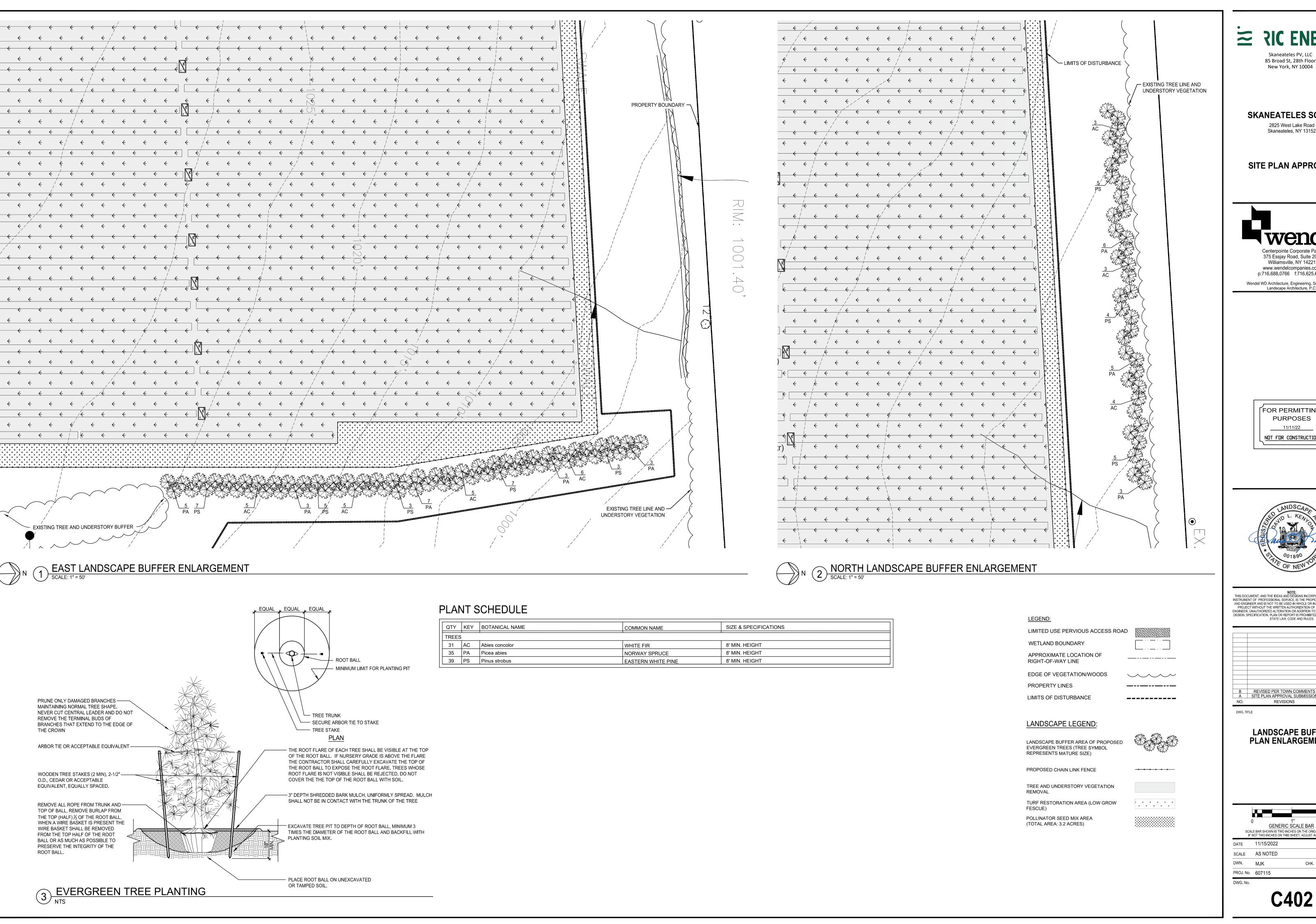
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LANDSCAPE PLAN

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY

DATE 11/15/2022 SCALE AS NOTED DWN. MJK CHK. DLK PROJ No 607115

DWG. No.



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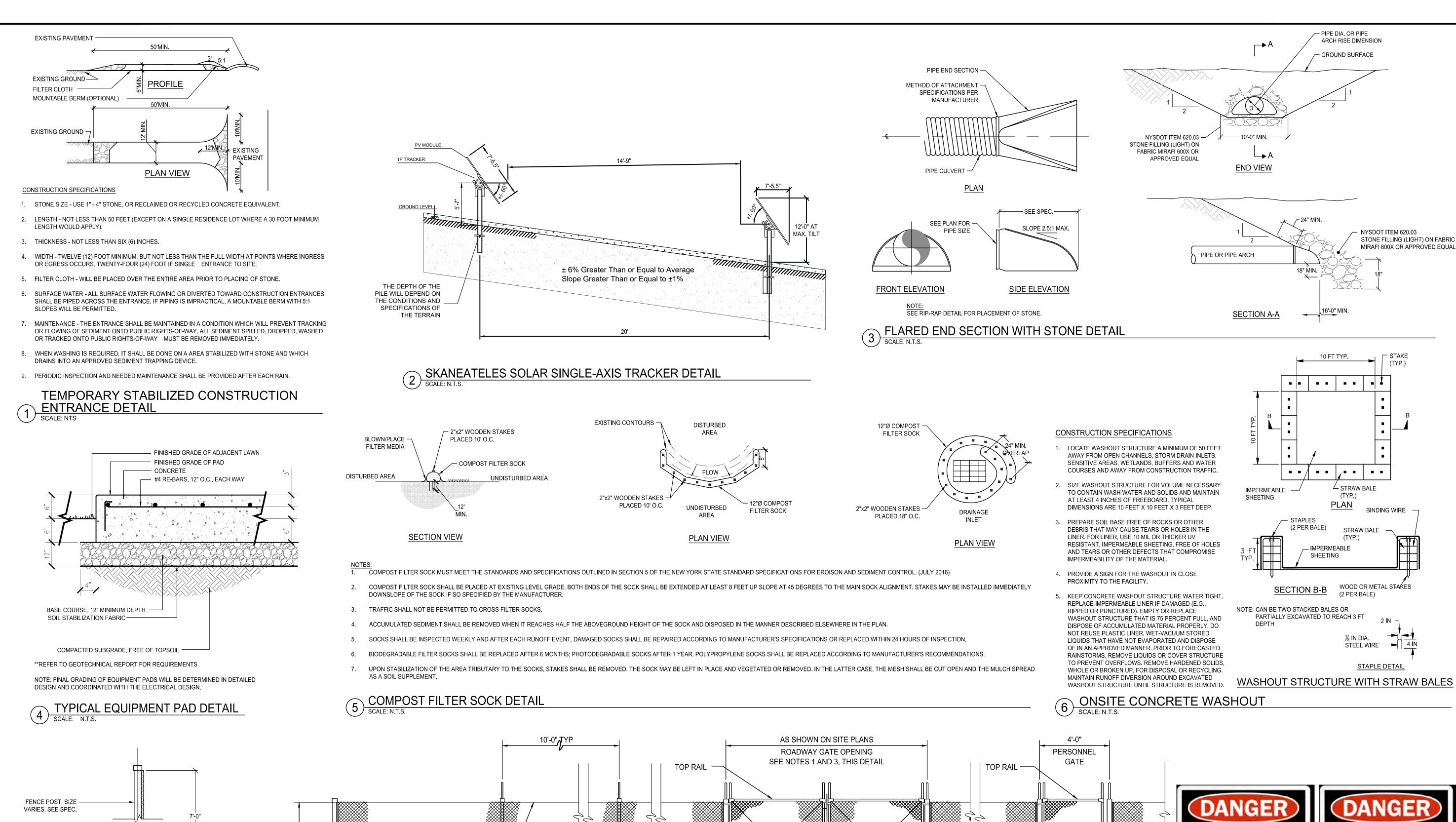
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LANDSCAPE BUFFER PLAN ENLARGEMENTS

	0	1"	 2"			
GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING.						
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CHK. DLK



TRUSS ROD

2'-0"

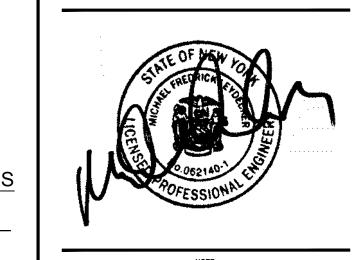
CHAIN LINK FENCE

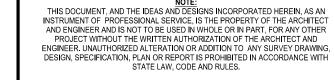
BOTTOM RAIL-

TYP GATE POST

ROADWAY GATE

CONCRETE





REVISED PER TOWN COMMENTS A SITE PLAN APPROVAL SUBMISSION 05/31/2022 REVISIONS DATE DWG. TITLE

SITE DETAILS

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY DATE SCALE AS NOTED DWN. CHK. CC1

C501

PROJ. No. 607115

DWG. No.

HIGH VOLTAGE

FENCE WARNING SIGNS NOTES

- SIGNS SHALL CONFORM TO THE 2013 OSHA AND ANSI REQUIREMENTS.
- SIGNS SHALL BE 20" WIDE BY 14" HIGH.
- SIGNS SHALL HAVE A MOUNTING HEIGHT BETWEEN 45 TO 66 INCHES. SIGN PANELS SHALL BE 10 GAUGE ALUMINUM WITH HIGH VISIBILITY REFLECTIVE SHEETING.

ADDRESS: 2528 WEST LAKE ROAD, SKANEATELES, SITE OWNER: XXXX SITE OWNER PHONE NUMBER: XXXX

- SIGNS SHALL BE PLACED ON GATE AND ALONG FENCE LINE AS REQUESTED BY OWNER.



CONTACT PLATE

CHAIN LINK FENCE POST DETAIL

FINISHED GRADE -

CONCRETE BASE FOR -

LINE POSTS: 12" Ø

CONCRETE BASE FOR —

CORNER POSTS: 18" Ø

CONCRETE BASE FOR END & ----

COMPACTED SUBGRADE —

GATE POSTS: 24" Ø

(4,000 PSI)

CHAIN LINK FENCE WITH GATES DETAIL

TYP CORNER

POST

GRADE

-7 GAUGE

TENSION

- TYP LINE

- CONCRETE

SEE NOTE 2

THIS DETAIL

POST

WIRE

TRUSS ROD

CORNER/LINE

PROVIDE LOCKING LATCH WITH FIRE DEPARTMENT PROVIDED KNOX BOX. 4. PER ARTICLE 691.11 OF THE NATIONAL ELECTRICAL CODE, LARGE SCALE PHOTOVOLTAIC (PV) PROJECTS ABOVE 5,000 KW (5 MW) REQUIRE THE PERIMETER FENCE TO BE GROUNDED.

PROVIDE LATCHING DEVICES TO HOLD GATES IN OPEN POSITION.

2. IF ROCK IS ENCOUNTERED WHEN SETTING POSTS, DRILL HOLES

4 INCHES LARGER IN DIAMETER THAN POSTS AND BACKFILL

TO GRADE WITH CLASS "B" CONCRETE.

2'-0"

PERSONNEL GATE

CONCRETE-

— TYP GATE POST



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GENERAL NOTES:

- 1. USE OF THIS DETAIL/CRITERION IS LIMITED TO ACCESS ROADS USED ON AN OCCASIONAL BASIS ONLY (I.E. PROVIDE ACCESS FOR MOWING, EQUIPMENT REPAIR OR MAINTENANCE, ETC.).
- 2. LIMITED USE PERVIOUS ACCESS ROAD IS LIMITED TO LOW IMPACT IRREGULAR MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE.
- 3. REMOVE STUMPS, ROCKS AND DEBRIS AS NECESSARY. FILL VOIDS TO MATCH EXISTING NATIVE SOILS AND COMPACTION LEVEL.
- 4. REMOVED TOPSOIL MAY BE SPREAD IN ADJACENT AREAS AS DIRECTED BY THE PROJECT ENGINEER. COMPACT TO THE DEGREE OF THE NATIVE INSITU SOIL. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
- 5. GRADE ROADWAY, WHERE NECESSARY, TO NATIVE SOIL AND DESIRED ELEVATION. MINOR GRADING FOR CROSS SLOPE CUT AND FILL MAY BE REQUIRED.
- 6. REMOVE REFUSE SOILS AS DIRECTED BY THE PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
- 7. ROADWAY WIDTH TO BE DETERMINED BY CLIENT.
- 8. THE LIMITED USE PERVIOUS ACCESS ROAD CROSS SLOPE SHALL BE 2% IN MOST CASES AND SHOULD NOT EXCEED 6%. THE LONGITUDINAL SLOPE OF THE ACCESS DRIVE SHOULD NOT
- 9. LIMITED USE PERVIOUS ACCESS ROAD IS NOT INTENDED TO BE UTILIZED FOR CONSTRUCTION WHICH MAY SUBJECT THE ACCESS TO SEDIMENT TRACKING. THIS SPECIFICATION IS TO BE DEVELOPED FOR POST-CONSTRUCTION USE. SOIL RESTORATION PRACTICES MAY BE APPLICABLE TO RESTORE CONSTRUCTION RELATED COMPACTION TO PRE-EXISTING CONDITIONS AND SHOULD BE VERIFIED BY SOIL PENETROMETER READINGS. THE PENETROMETER READINGS SHALL BE COMPARED TO THE RESPECTIVE RECORDED READINGS TAKEN PRIOR TO CONSTRUCTION, EVERY 100 LINEAR FEET ALONG THE PROPOSED ROADWAY.
- 10. TO ENSURE THAT SOIL IS NOT TRACKED ONTO THE LIMITED USE PERVIOUS ACCESS ROAD, IT SHALL NOT BE USED BY CONSTRUCTION VEHICLES TRANSPORTING SOIL, FILL MATERIAL, ETC. IF THE LIMITED USE PERVIOUS ACCESS IS COMPLETED DURING THE INITIAL PHASES OF CONSTRUCTION, A STANDARD NEW YORK STATE STABILIZED CONSTRUCTION ACCESS SHALL BE CONSTRUCTED AND UTILIZED TO REMOVE SEDIMENT FROM CONSTRUCTION VEHICLES AND EQUIPMENT PRIOR TO ENTERING THE LIMITED USE PERVIOUS ACCESS ROAD FROM ANY LOCATION ON, OR OFF SITE. MAINTENANCE OF THE PERVIOUS ACCESS ROAD WILL BE REQUIRED IF SEDIMENT IS OBSERVED WITHIN THE CLEAN STONE.
- 11. THE LIMITED USE PERVIOUS ACCESS ROAD SHALL NOT BE CONSTRUCTED OR USED UNTIL ALL AREAS SUBJECT TO RUNOFF ONTO THE PERVIOUS ACCESS HAVE ACHIEVED FINAL STABILIZATION.
- 12. PROJECTS SHOULD AVOID INSTALLATION OF THE LIMITED USE PERVIOUS ACCESS ROAD IN POORLY DRAINED AREAS, HOWEVER IF NO ALTERNATIVE LOCATION IS AVAILABLE, THE PROJECT SHALL UTILIZE WOVEN GEOTEXTILE MATERIAL AS DETAILED IN FOLLOWING NOTES.
- 13. THE DRAINAGE DITCH IS OFFERED IN THE DETAIL FOR CIRCUMSTANCES WHEN CONCENTRATED FLOW COULD NOT BE AVOIDED. THE INTENTION OF THIS DESIGN IS TO MINIMIZE ALTERATIONS TO HYDROLOGY, HOWEVER WHEN DEALING WITH 5%-15% GRADES NOT PARALLEL TO THE CONTOUR, A ROADSIDE DITCH MAY BE REQUIRED. THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS FOR GRASSED WATERWAYS AND VEGETATED WATERWAYS ARE APPLICABLE FOR SIZING AND STABILIZATION. DIMENSIONS FOR THE GRASSED WATERWAY SPECIFICATION WOULD BE DESIGNED FOR PROJECT SPECIFIC HYDROLOGIC RUNOFF CALCULATIONS, AND A SEPARATE DETAIL FOR THE SPECIFIC GRASSED WATERWAY WOULD BE INCLUDED IN THIS PRACTICE. RUNOFF DISCHARGES WILL BE SUBJECT TO THE OUTLET REQUIREMENTS OF THE REFERENCED STANDARD. INCREASED POST-DEVELOPMENT RUNOFF FROM THE ASSOCIATED ROADSIDE DITCH MAY REQUIRE ADDITIONAL PRACTICES TO ATTENUATE RUNOFF TO PRE-DEVELOPMENT CONDITIONS.
- 14. IF A ROADSIDE DITCH IS NOT UTILIZED TO CAPTURE RUNOFF FROM THE ACCESS ROAD, THE PERVIOUS ACCESS ROAD WILL HAVE A WELL-ESTABLISHED PERENNIAL VEGETATIVE COVER, WHICH SHALL CONSIST OF UNIFORM VEGETATION (I.E. BUFFER), 20 FEET WIDE AND PARALLEL TO THE DOWN GRADIENT SIDE OF THE ACCESS ROAD. POST-CONSTRUCTION OPERATION AND MAINTENANCE PRACTICES WILL MAINTAIN THIS VEGETATIVE COVER TO ENSURE FINAL STABILIZATION FOR THE LIFE OF THE ACCESS ROAD.
- 15. THE DESIGN PROFESSIONAL MUST ACCOUNT FOR THE LIMITED USE PERVIOUS ACCESS ROAD IN THEIR SITE ASSESSMENT/HYDROLOGY ANALYSIS. IF THE HYDROLOGY ANALYSIS SHOWS THAT THE HYDROLOGY HAS BEEN ALTERED FROM PRE- TO POST-DEVELOPMENT CONDITIONS (SEE APPENDIX A OF GP-0-20-001 FOR THE DEFINITION OF "ALTER THE HYDROLOGY ... "), THE DESIGN MUST INCLUDE THE NECESSARY DETENTION/RETENTION PRACTICES TO ATTENUATE THE RATES (10 AND 100 YEAR EVENTS) TO PRE-DEVELOPMENT CONDITIONS.

GEOGRID MATERIAL NOTES:

- THE GEOGRID, OR COMPARABLE PRODUCT, IS INTENDED FOR USE FOR ALL CONDITIONS, IN ORDER TO ASSIST IN MATERIAL SEPARATION FROM NATIVE SOILS AND PRESERVE ACCESS
- 2. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-02, SIZE DESIGNATION 3-5 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.
- 3. GEOGRID SHALL BE MIRAFI BXG110 OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
- 4. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX
- 5. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND CONNECTIONS.
- 6. LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE MEETING NYSDOT ITEM 703-02 SPECIFICATIONS. BASIS OF DESIGN: TENCATE MIRAFI BXG110 GEOGRIDS; 365 SOUTH HOLLAND DRIVE, PENDERGRASS,

GA; 800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM

GEOWEB MATERIAL NOTES:

- 1. THE GEOWEB, OR COMPARABLE PRODUCT, IS SUGGESTED FOR USE ON ROAD PROFILES EXCEEDING 10%. THE GEOWEB PRODUCT IS INTENDED TO LIMIT SHIFTING STONE MATERIAL
- 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- WHERE REQUIRED, A NATIVE SOIL WEDGE SHALL BE PLACED TO ACCOMMODATE ROAD CROSS SLOPE OF 2%. NATIVE SOIL SHALL BE COMPACTED TO MATCH EXISTING SOIL CONDITIONS. 4. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSDOT ITEM 703-02, SIZE
- A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED. 5. GEOWEB SYSTEM SHALL BE PRESTO GEOSYSTEM GEOWEB OR APPROVED EQUAL. GEOWEB SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.

DESIGNATION 3-5 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH,

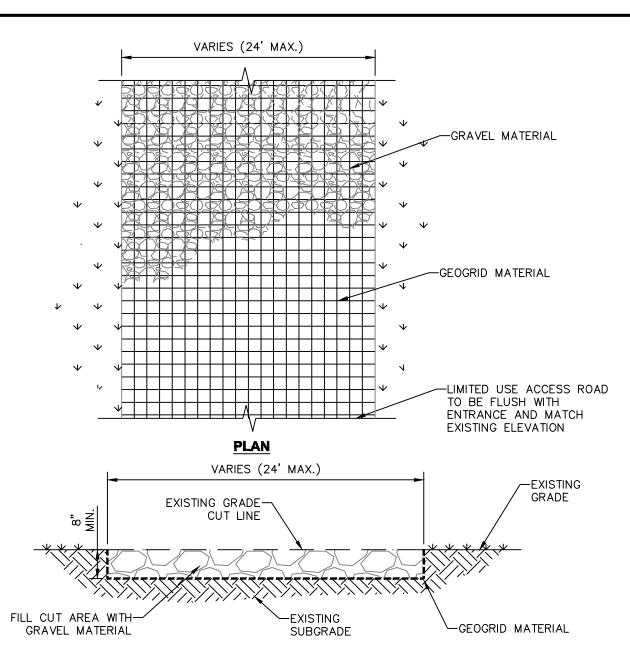
- 6. LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE, SIZE 3A, MEETING NYSDOT ITEM 703-02 SPECIFICATIONS.
- 7. THE TOP EDGES OF ADJACENT CELL WALLS SHALL BE FLUSH WHEN CONNECTING. ALIGN THE I-SLOTS FOR INTERLEAF AND END TO END CONNECTIONS. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH INTERLEAD AND END TO END CONNECTIONS. REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER INSTALLATION, TYING AND CONNECTIONS.

BASIS OF DESIGN: PRESTO GEOSYSTEMS GEOWEB; 670 NORTH PERKINS STREET, APPLETON, WI; 800-548-3424 OR 920-738-1222; INFO@PRESTOGEO.COM; WWW.PRESTOGEO.COM

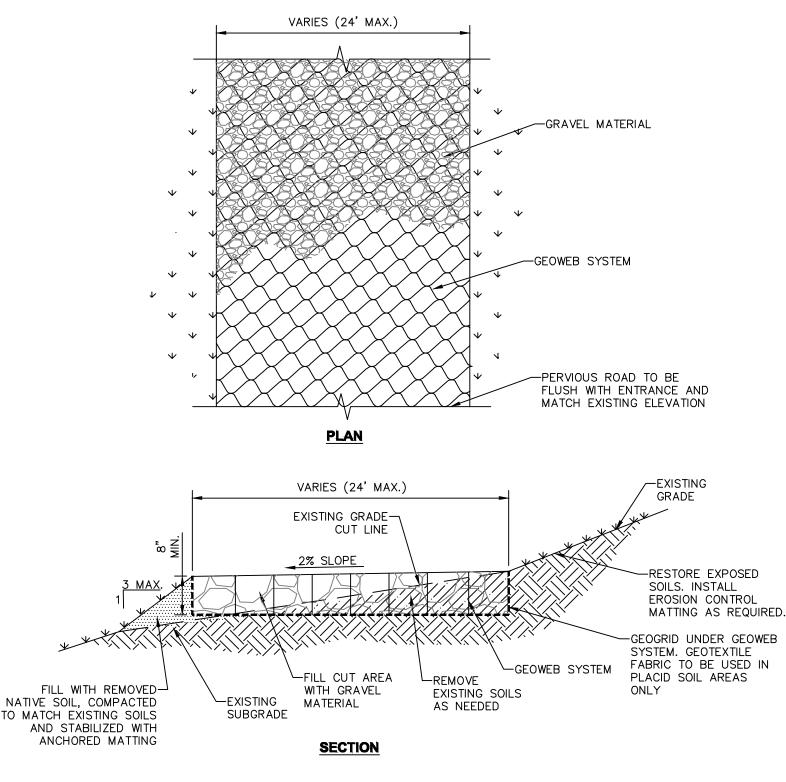
WOVEN GEOTEXTILE MATERIAL NOTES:

- 1. SPECIFIED GEOTEXTILE WILL ONLY BE UTILIZED IN PLACID SOILS. PLACID SOILS CONSIST OF POORLY DRAINED SOILS COMPOSED OF FINELY TEXTURED PARTICLES AND ARE PRONE TO RUTTING. PLACID SOILS ARE TYPICALLY PRESENT IN LOW-LYING AREAS WITH HYDROLOGIC SOILS GROUP (HSG) OF C OR D, OR AS SPCIFIED FROM AN ENVIRONMENTAL SCIENTIST, SOIL SCIENTIST, OR GEOTECHNICAL DATA.
- 2. THE CONCERN FOR POTENTIAL REDUCTION OF NATIVE INFILTRATION RATES DUE TO THE GEOTEXTILE MATERIAL WOULD NOT BE A SIGNIFICANT CONCERN IN POORLY DRAINED SOILS WHERE SEGREGATION OF PERVIOUS STONE AND NATIVE MATERIALS IS CRUCIAL FOR LONG TERM OPERATION AND MAINTENANCE.

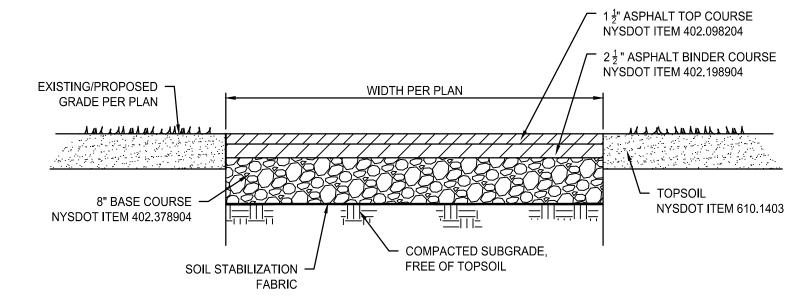
BASIS OF DESIGN: TENCATE MIRAFI RSI-SERIES WOVEN GEOSYNTHETICS; 365 SOUTH HOLLAND DRIVE, PENDERGRASS, GA;800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM



LIMITED USE PERVIOUS ACCESS ROAD - 0% TO 10% SLOPES

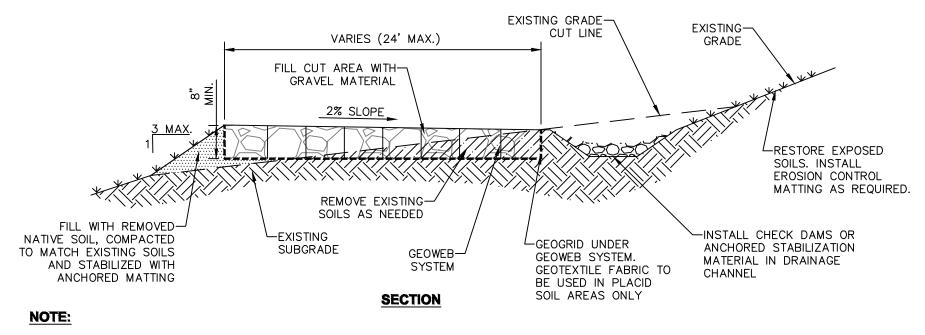


3 LIMITED USE PERVIOUS ACCESS ROAD - 10% AND GREATER SLOPES SCALE: N.T.S.



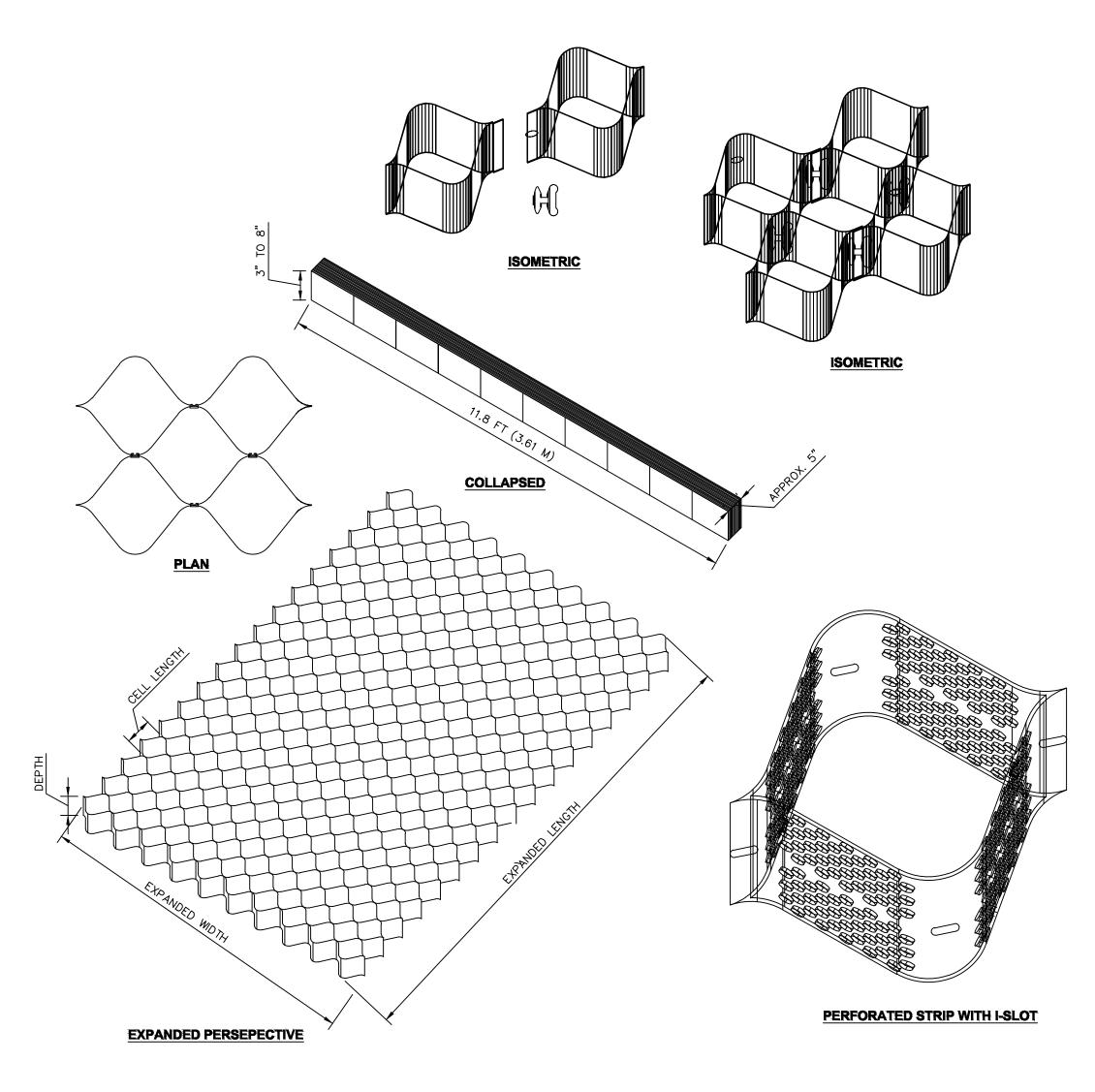
1. ALL IMPROVEMENTS SHALL ADHERE TO NYSDOT STANDARDS SECTION 608-03

NYSDOT DRIVEWAY ENTRANCE HMA SECTION WITHIN PAVEMENT LENGTH



1. THE ROADSIDE DITCH SHALL BE DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROLS FOR GRASSED AND VEGETATED WATERWAYS. ADDITIONAL DETAILS WILL BE PROVIDED SPECIFIC TO THE SITE DESIGN.

LIMITED USE PERVIOUS ACCESS ROAD - 10% AND GREATER SLOPES WITH DITCH



GEOWEB SYSTEM



New York, NY 10004

SKANEATELES SOLAR

2825 West Lake Road Skaneateles, NY 13152

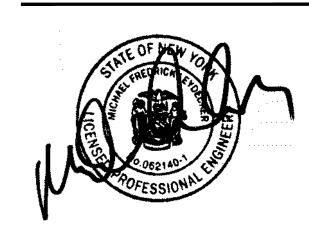
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SITE DETAILS

GENERIC SCALE BAR SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY DATE 11/11/2022 SCALE AS NOTED

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