



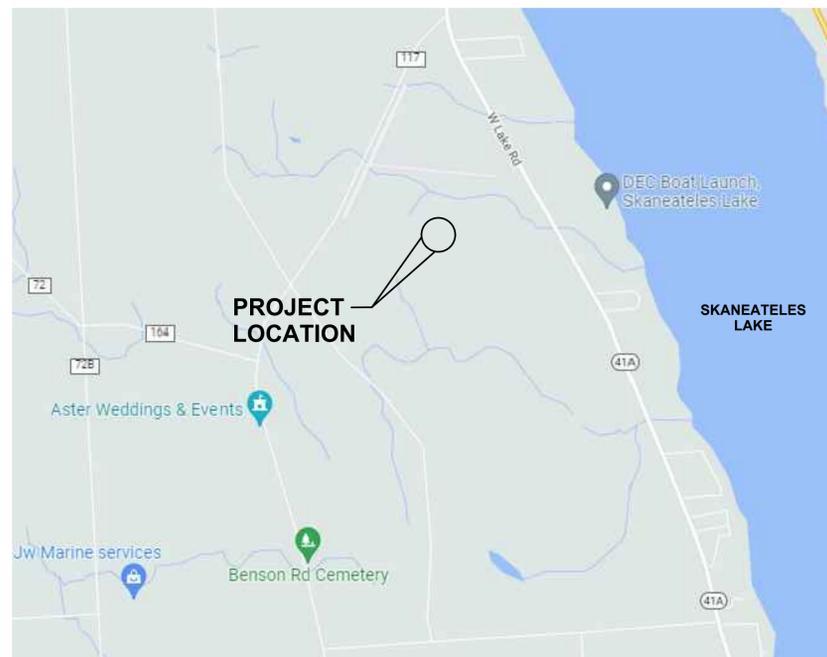
SKANEATELES SOLAR

2825 WEST LAKE ROAD
SKANEATELES, NY 13152

SITE PLAN APPROVAL DOCUMENTS NOVEMBER 2022



1 PROJECT LOCATION MAP
N.T.S.



2 PROJECT LOCATION MAP
N.T.S.



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

Wendel Project No. 607115



Skaneateles PV, LLC
85 Broad St, 28th Floor
New York, NY 10004

SKANEATELES SOLAR
2825 West Lake Road
Skaneateles, NY 13152

SITE PLAN APPROVAL



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

DRAWING INDEX	
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

DWG. TITLE

COVERSHEET



DATE 11/11/2022
SCALE AS NOTED
DWN. NRF
PROJ. No. 607115
DWG. No.

G001



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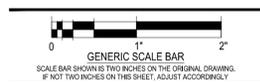
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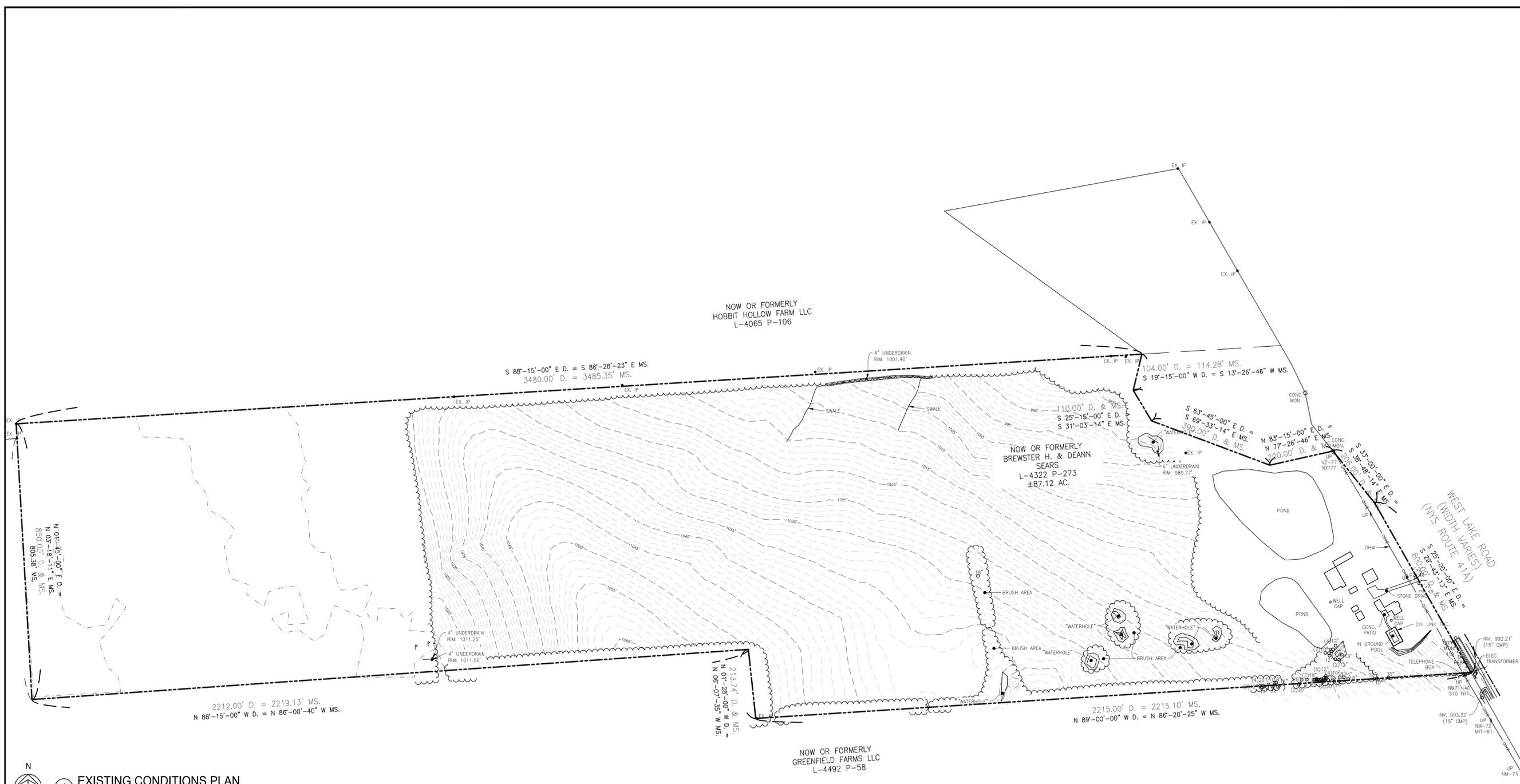
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EXISTING CONDITIONS PLAN



DATE	11/11/2022
SCALE	AS NOTED
DWN.	NRF
CHK.	CC1
PROJ. No.	607115
DWG. No.	

C101



EXISTING CONDITIONS PLAN
SCALE: 1" = 150'

- GENERAL NOTES:**
- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83), CENTRAL ZONE, US SURVEY FEET.
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAV88) AS ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) REAL TIME NETWORK (MYSNET RTN).
 - 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.
 - FIELDWORK WAS CONDUCTED IN DECEMBER 2021.
 - CONTOUR INTERVAL IS 1 FOOT.
 - DIG SAFE 811 DESIGN TICKET CALLED IN #12171-000-896-00

Legend:

AC. = ACRES	MH = MANHOLE
APPROX. = APPROXIMATE	MP = MAP
AVE. = AVENUE	MS. = MEASURED
BIT. = BITUMINOUS	MW = MONITORING WELL
CB = CATCH BASIN	N = NORTH
CH. = CHAIN	N/S = NOT TO SCALE
CONC. = CONCRETE	O/H = OVERHEAD
COR. = CORNER	Q/L = ON LINE
C.T.V. = CABLE TV BOX	P = PAGE
-C = CENTERLINE	P.P. = PROPERTY LINE
D = DEED	PP = POWER POLE
DIA. = DIAMETER	R = RADIUS
DIST. = DISTANCE	RD. = ROAD
E = EAST	S = SOUTH
ELEV. = ELEVATION	ST. = STREET
EUB = ELECTRICAL UTILITY BOX	STA. = STATION
ESMT. = EASEMENT	SMH = SANITARY MANHOLE
EX. = EXISTING	T.M.# = TAX MAP NUMBER
ENC. = FENCE	TUB = TELEPHONE UNITS. BOX
GLM = GAS LINE MARKER	W = WEST
L = LISSY	W/I = WITH
LS = LIFT STATION	WD. = WOOD
	W.F. = WOODFRAME
APPROXIMATE LOCATION OF RIGHT-OF-WAY LINE	
EDGE OF VEGETATION/WOODS	
EDGE OF ROADWAY	
FENCE (TYPE NOTED)	
OVERHEAD WIRES	
PROPERTY LINES	
SANITARY	
SEWER LINE	
SUB-PARCELS	
WETLAND BOUNDARY	



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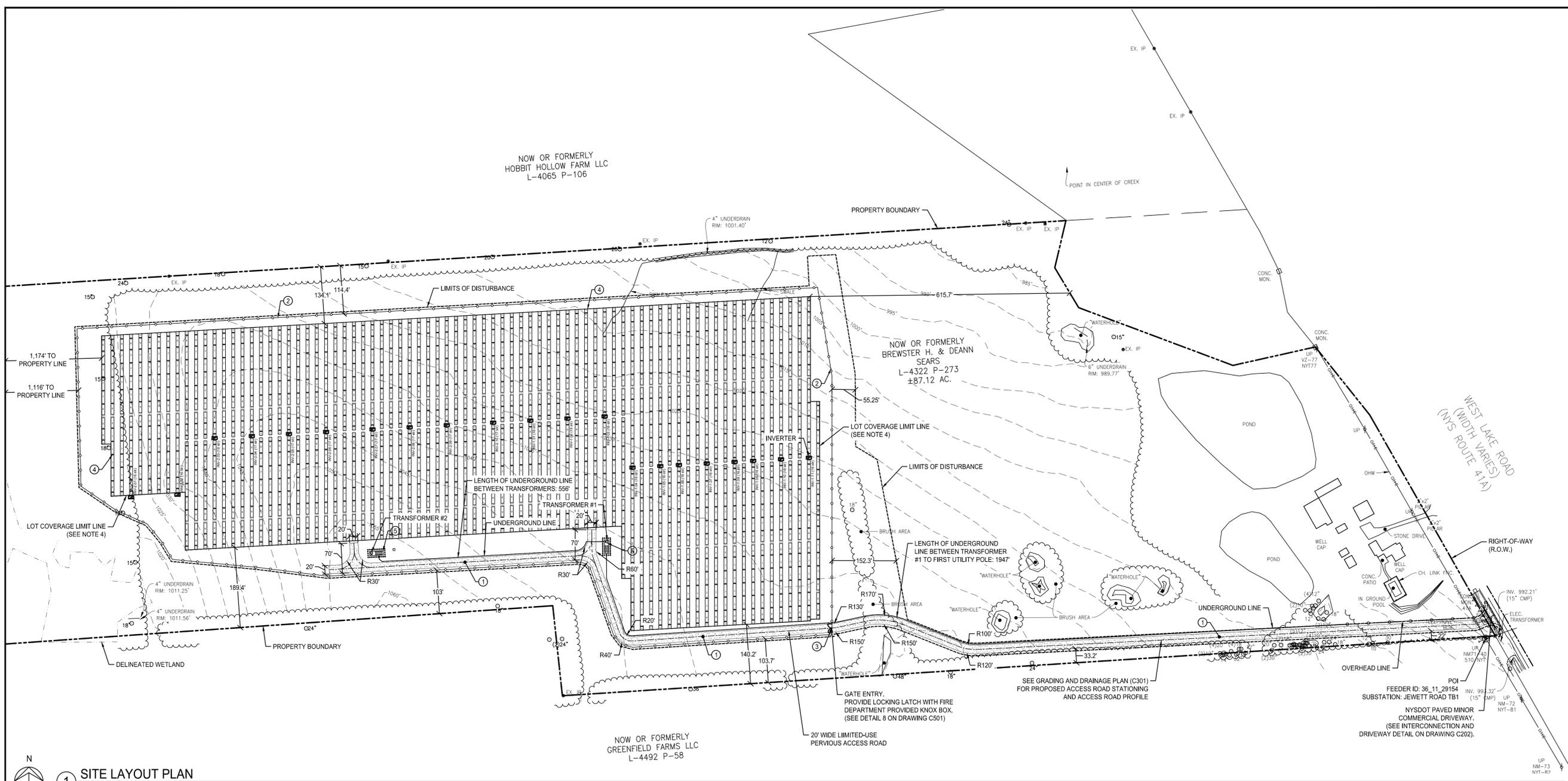
DWG. TITLE

SITE LAYOUT PLAN



DATE 11/11/2022
SCALE AS NOTED
DWN. NRF
CHK. CC1
PROJ. No. 607115
DWG. No.

C201



1 SITE LAYOUT PLAN
SCALE: 1" = 120'

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:

- 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.
- CHAIN-LINK GATE; RE. DETAIL 8 ON DRAWING C501.
- SOLAR ARRAY MODULE, TYP; RE. DETAIL 2, C501.
- TRANSFORMER PAD; RE. DETAIL 4, C501.

LEGEND:

LIMITED USE PERVIOUS ACCESS ROAD	
WETLAND BOUNDARY	
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.
- SEE DRAWING C301 FOR ACCESS ROAD PROFILE.
- 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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DWG. TITLE

INTERCONNECTION & DRIVEWAY DETAIL

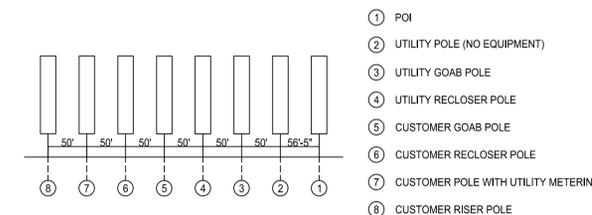


SCALE BAR SHOWN IS TWO INCHES ON THE ORIGINAL DRAWING. IF NOT TWO INCHES ON THIS SHEET, ADJUST ACCORDINGLY.

DATE	11/11/2022
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DWN.	NRF
CHK.	CC1
PROJ. No.	607115
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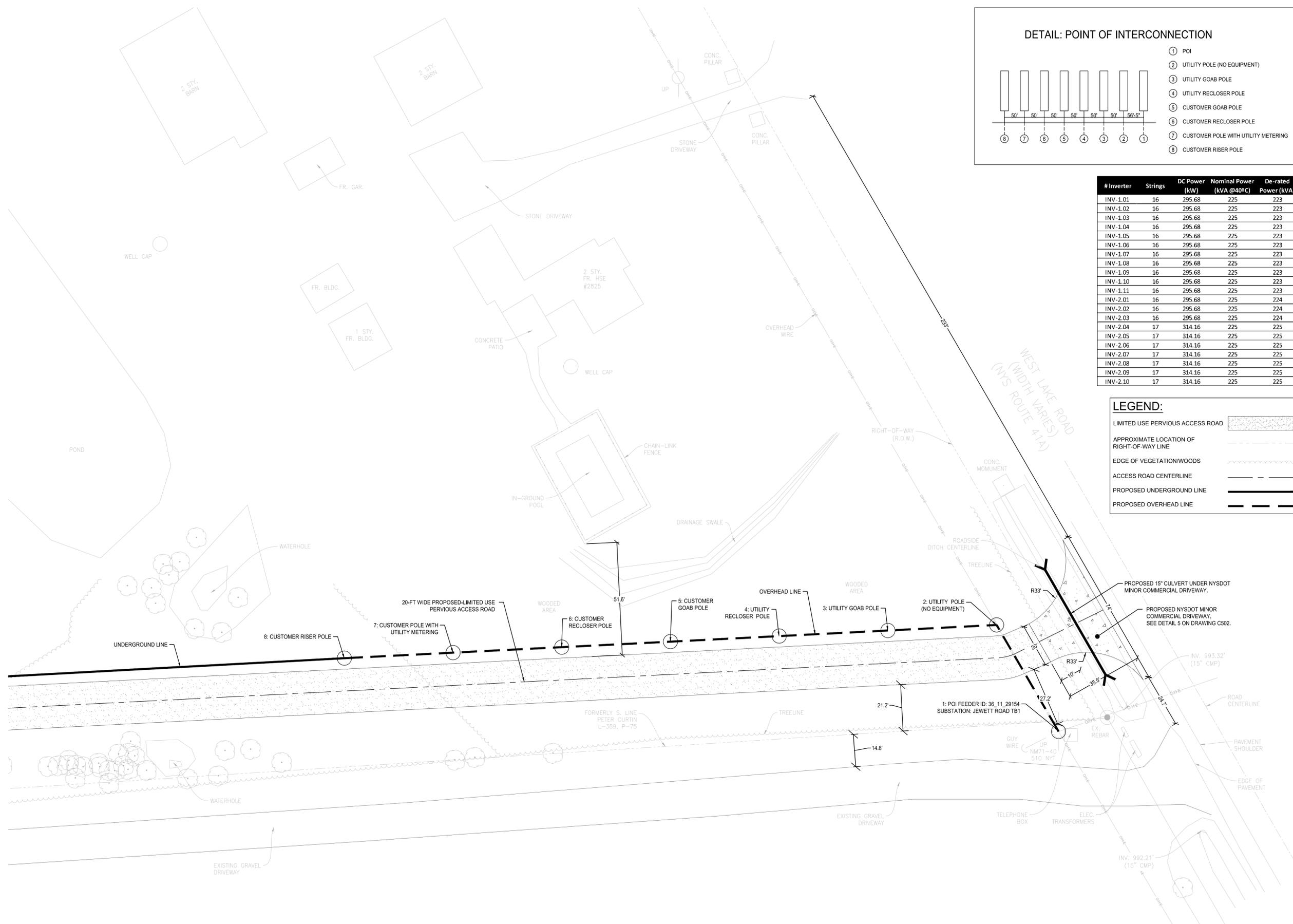
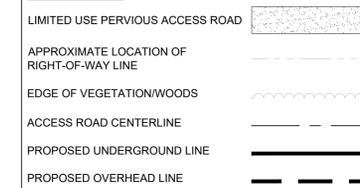
C202

DETAIL: POINT OF INTERCONNECTION

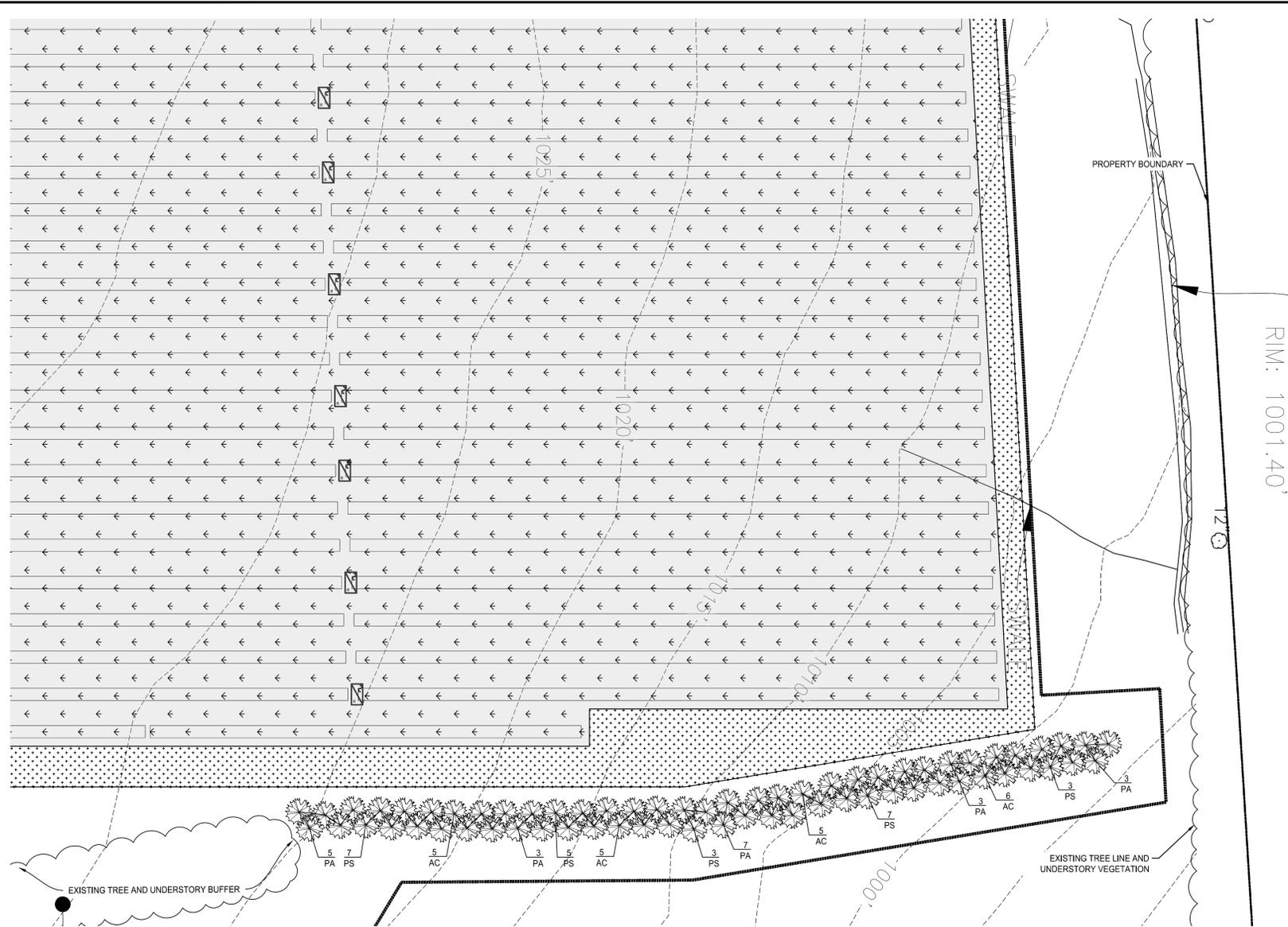


# Inverter	Strings	DC Power (kW)	Nominal Power (kVA @40°C)	De-rated Power (kVA)
INV-1.01	16	295.68	225	223
INV-1.02	16	295.68	225	223
INV-1.03	16	295.68	225	223
INV-1.04	16	295.68	225	223
INV-1.05	16	295.68	225	223
INV-1.06	16	295.68	225	223
INV-1.07	16	295.68	225	223
INV-1.08	16	295.68	225	223
INV-1.09	16	295.68	225	223
INV-1.10	16	295.68	225	223
INV-1.11	16	295.68	225	223
INV-2.01	16	295.68	225	224
INV-2.02	16	295.68	225	224
INV-2.03	16	295.68	225	224
INV-2.04	17	314.16	225	225
INV-2.05	17	314.16	225	225
INV-2.06	17	314.16	225	225
INV-2.07	17	314.16	225	225
INV-2.08	17	314.16	225	225
INV-2.09	17	314.16	225	225
INV-2.10	17	314.16	225	225

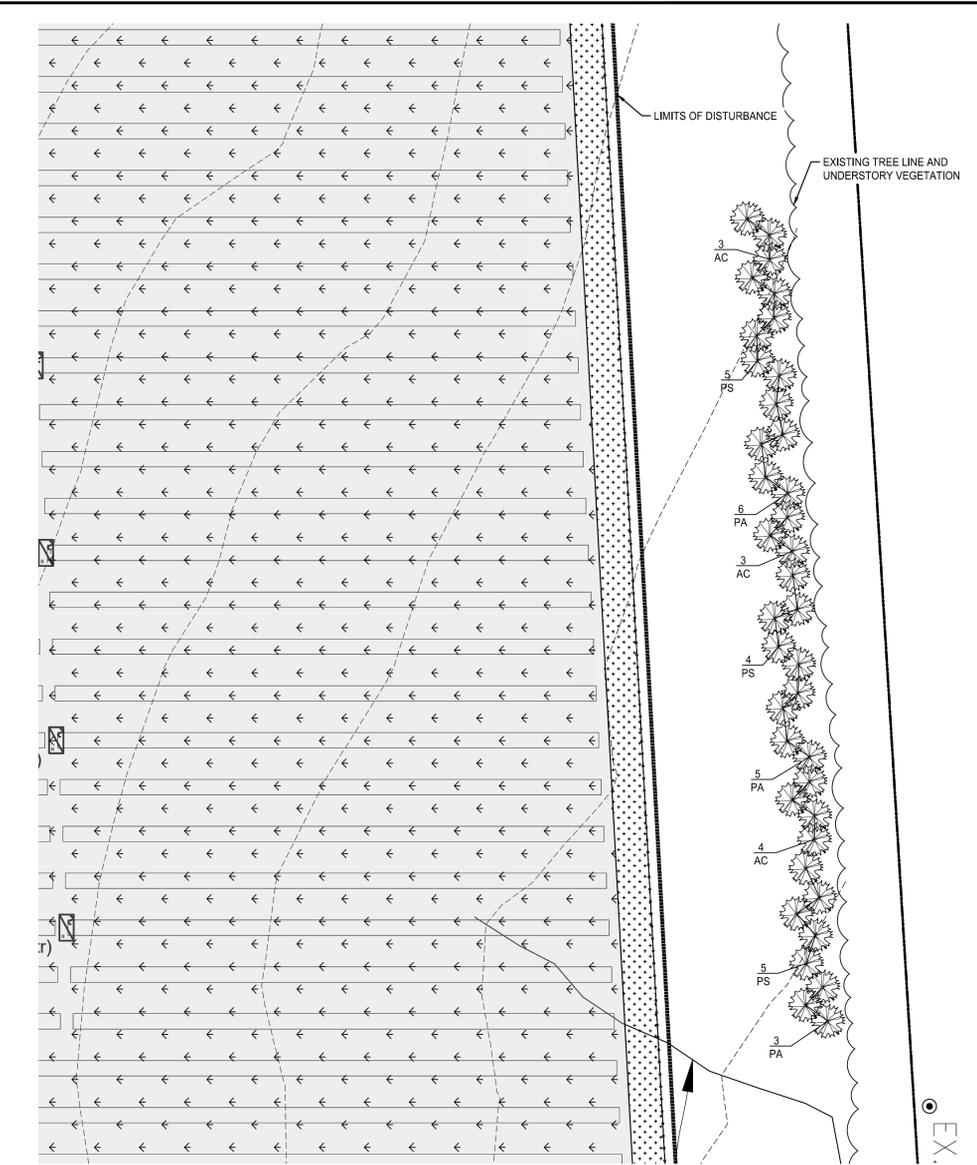
LEGEND:



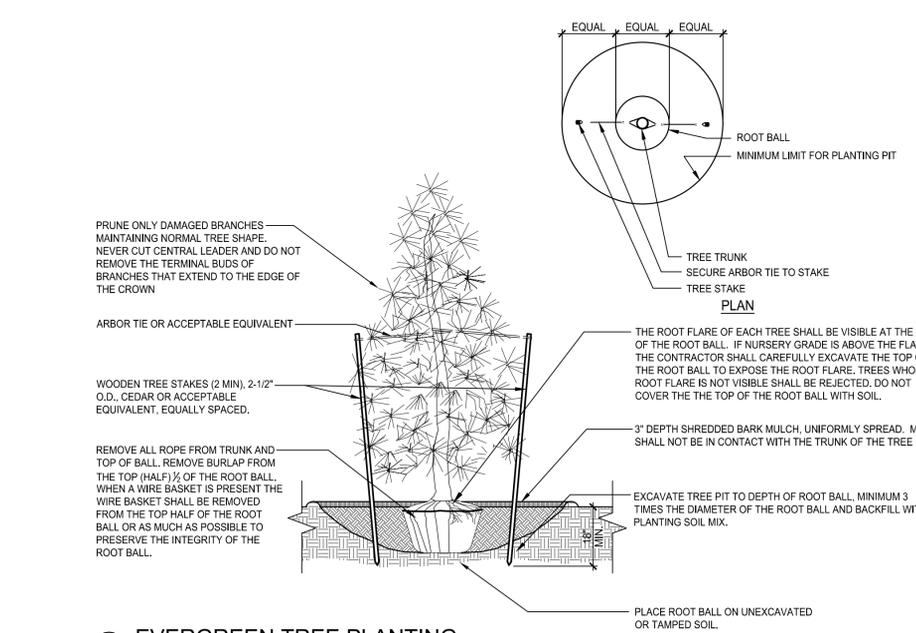
1 INTERCONNECTION AND DRIVEWAY DETAIL
SCALE: 1" = 20'



1 EAST LANDSCAPE BUFFER ENLARGEMENT
SCALE: 1" = 50'



2 NORTH LANDSCAPE BUFFER ENLARGEMENT
SCALE: 1" = 50'



3 EVERGREEN TREE PLANTING
NTS

PLANT SCHEDULE

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE & SPECIFICATIONS
TREES				
31	AC	Abies concolor	WHITE FIR	8' MIN. HEIGHT
35	PA	Picea abies	NORWAY SPRUCE	8' MIN. HEIGHT
39	PS	Pinus strobus	EASTERN WHITE PINE	8' MIN. HEIGHT

- 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
 - TREE AND UNDERSTORY VEGETATION REMOVAL
 - TURF RESTORATION AREA (LOW GROW FESCUE)
 - POLLINATOR SEED MIX AREA (TOTAL AREA: 3.2 ACRES)

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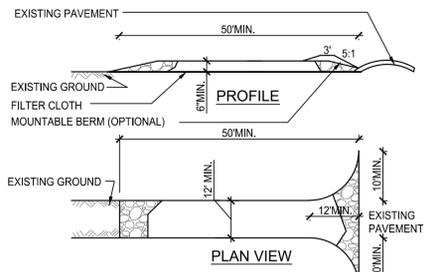
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DWG. TITLE

LANDSCAPE BUFFER PLAN ENLARGEMENTS

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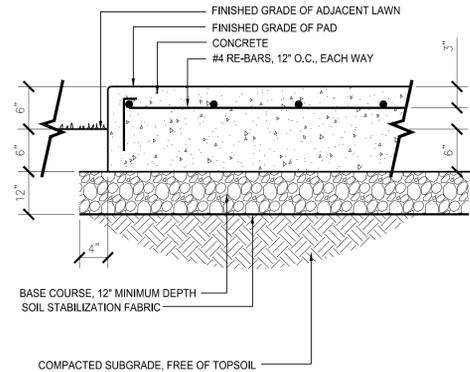


CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 1" - 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE DETAIL

SCALE: N.T.S.

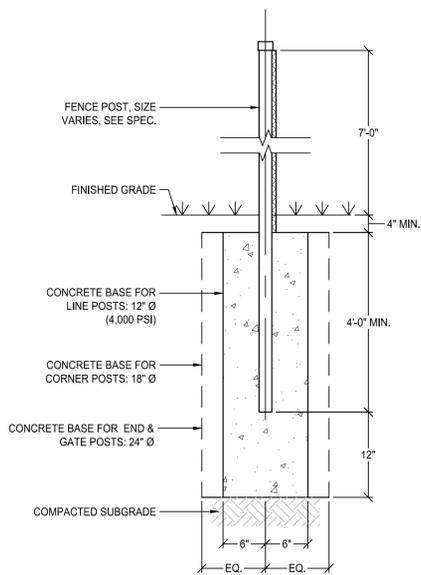


**REFER TO GEOTECHNICAL REPORT FOR REQUIREMENTS

NOTE: FINAL GRADING OF EQUIPMENT PADS WILL BE DETERMINED IN DETAILED DESIGN AND COORDINATED WITH THE ELECTRICAL DESIGN.

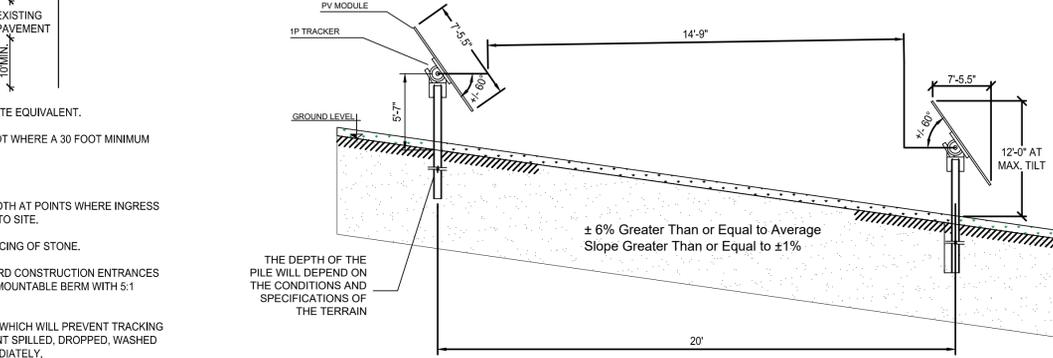
4 TYPICAL EQUIPMENT PAD DETAIL

SCALE: N.T.S.



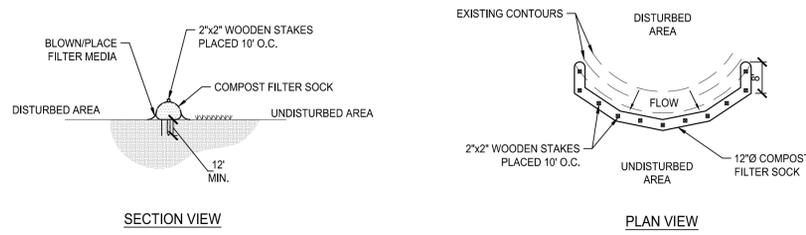
7 CHAIN LINK FENCE POST DETAIL

SCALE: N.T.S.



2 SKANEATELES SOLAR SINGLE-AXIS TRACKER DETAIL

SCALE: N.T.S.

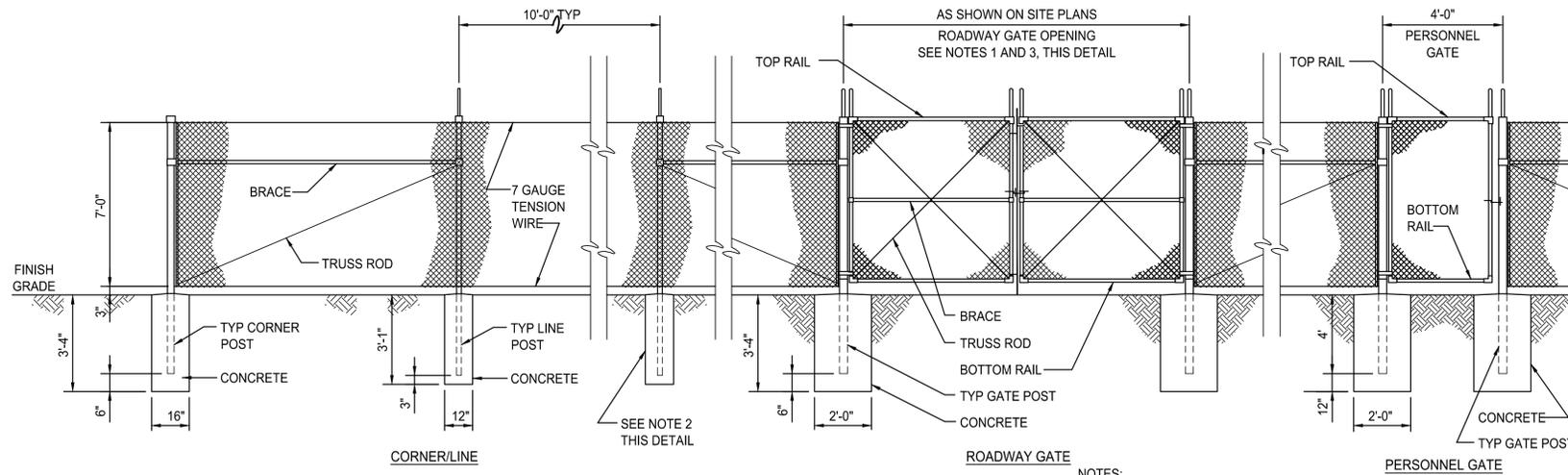


NOTES:

- COMPOST FILTER SOCK MUST MEET THE STANDARDS AND SPECIFICATIONS OUTLINED IN SECTION 5 OF THE NEW YORK STATE STANDARD SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, (JULY 2016)
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCKS, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

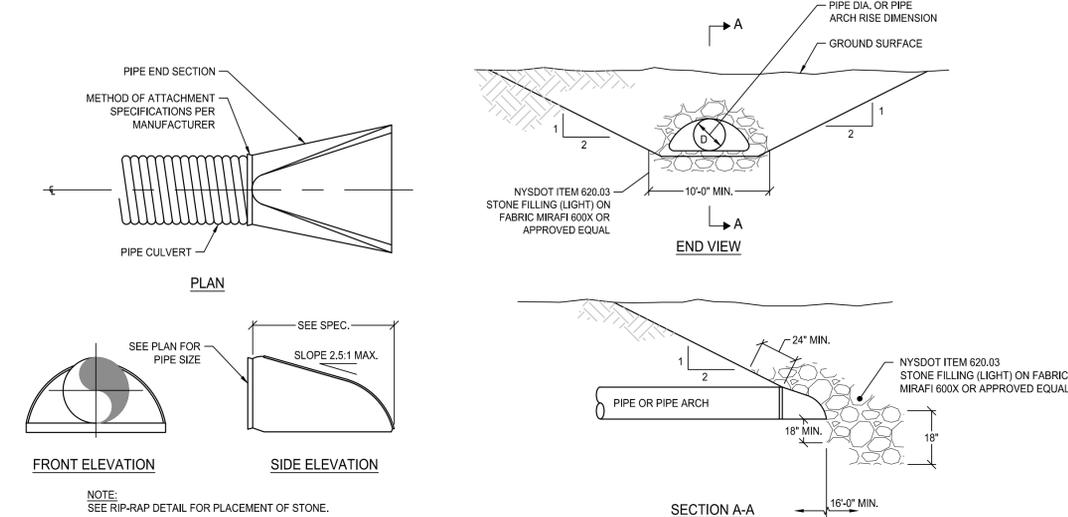
5 COMPOST FILTER SOCK DETAIL

SCALE: N.T.S.



8 CHAIN LINK FENCE WITH GATES DETAIL

SCALE: N.T.S.

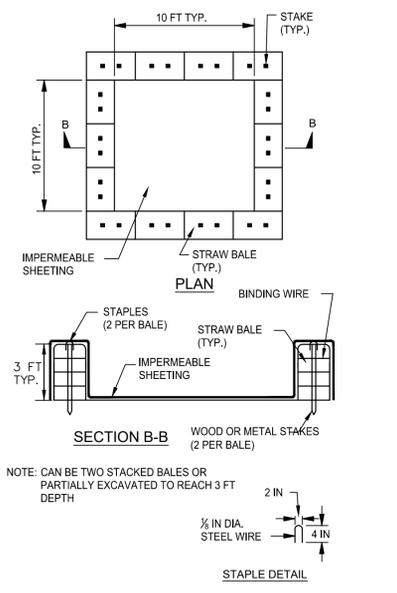


3 FLARED END SECTION WITH STONE DETAIL

SCALE: N.T.S.

CONSTRUCTION SPECIFICATIONS

- LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
- SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
- PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
- PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
- KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED), EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER, WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.



WASHOUT STRUCTURE WITH STRAW BALES

NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

6 ONSITE CONCRETE WASHOUT

SCALE: N.T.S.



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

ADDRESS: 2528 WEST LAKE ROAD, SKANEATELES, NY 13152
 SITE OWNER: XXXX
 SITE OWNER PHONE NUMBER: XXXX
 O & M COMPANY: XXXX
 O & M COMPANY PHONE NUMBER: XXXX

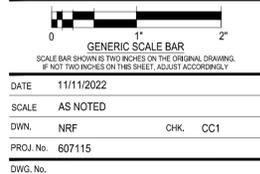
CONTACT PLATE



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B	REVISED PER TOWN COMMENTS	11/11/2022
A	SITE PLAN APPROVAL SUBMISSION	05/31/2022

SITE DETAILS



GENERAL NOTES:

- 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.).
- LIMITED USE PERVIOUS ACCESS ROAD IS LIMITED TO LOW IMPACT IRREGULAR MAINTENANCE ACCESS ASSOCIATED WITH RENEWABLE ENERGY PROJECTS IN NEW YORK STATE.
- REMOVE STUMPS, ROCKS AND DEBRIS AS NECESSARY. FILL VOIDS TO MATCH EXISTING NATIVE SOILS AND COMPACTION LEVEL.
- 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.
- GRADE ROADWAY, WHERE NECESSARY, TO NATIVE SOIL AND DESIRED ELEVATION. MINOR GRADING FOR CROSS SLOPE CUT AND FILL MAY BE REQUIRED.
- REMOVE REFUSE SOILS AS DIRECTED BY THE PROJECT ENGINEER. DO NOT PLACE IN AN AREA THAT IMPEDES STORMWATER DRAINAGE.
- ROADWAY WIDTH TO BE DETERMINED BY CLIENT.
- 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 EXCEED 15%.
- 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.
- 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.
- 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.
- 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.
- 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 REFERENCE STANDARD. INCREASED POST-DEVELOPMENT RUNOFF FROM THE ASSOCIATED ROADSIDE DITCH MAY REQUIRE ADDITIONAL PRACTICES TO ATTENUATE RUNOFF TO PRE-DEVELOPMENT CONDITIONS.
- 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.
- 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 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:

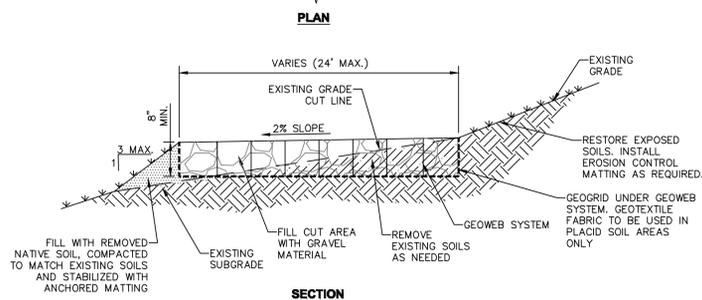
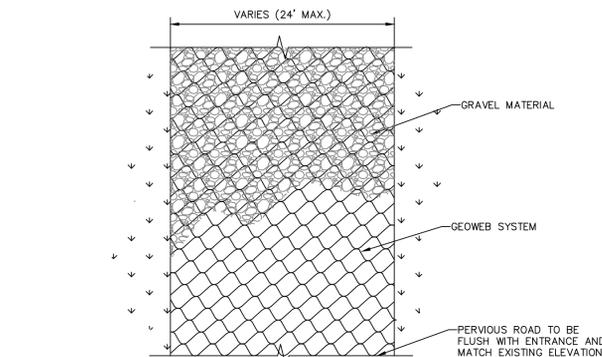
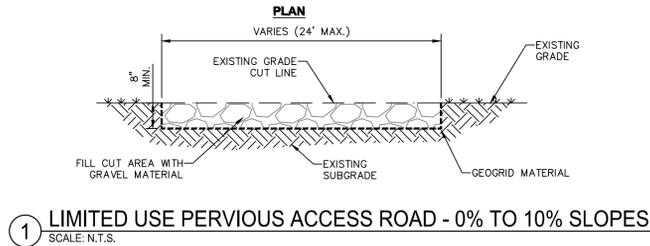
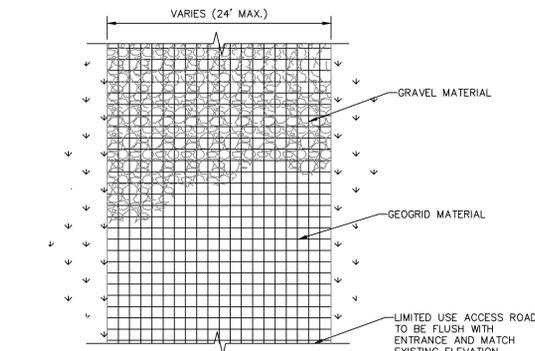
- THE GEOGRID, OR COMPARABLE PRODUCT, IS INTENDED FOR USE FOR ALL CONDITIONS, IN ORDER TO ASSIST IN MATERIAL SEPARATION FROM NATIVE SOILS AND PRESERVE ACCESS LOADS.
 - GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS 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.
 - GEOGRID SHALL BE MIRAFI BXG110 OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
 - IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX INCHES.
 - REFER TO MANUFACTURER'S SPECIFICATION FOR PROPER TYING AND CONNECTIONS.
 - 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:

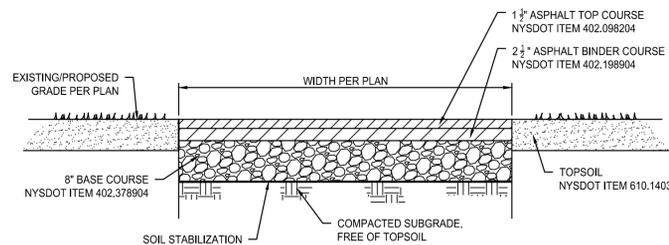
- THE GEOWEB, OR COMPARABLE PRODUCT, IS SUGGESTED FOR USE ON ROAD PROFILES EXCEEDING 10% THE GEOWEB PRODUCT IS INTENDED TO LIMIT SHIFTING STONE MATERIAL DURING USE.
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - WHERE REQUIRED, A NATIVE SOIL WEDGE SHALL BE PLACED TO ACCOMMODATE ROAD CROSS SLOPE OF 2% NATIVE SOIL SHALL BE COMPACTED TO MATCH EXISTING SOIL CONDITIONS.
 - 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.
 - GEOWEB SYSTEM SHALL BE PRESTO GEOSYSTEM GEOWEB OR APPROVED EQUAL. GEOWEB SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
 - 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.
 - 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 INTERLEAF 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@PRESTOCEO.COM; WWW.PRESTOCEO.COM

WOVEN GEOTEXTILE MATERIAL NOTES:

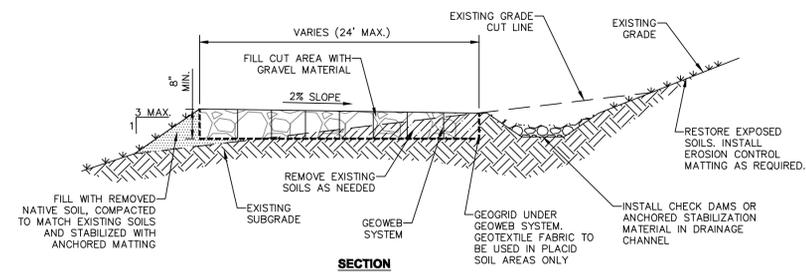
- SPECIFIED GEOTEXTILE WILL ONLY BE UTILIZED IN PLACID SOILS. PLACID SOILS CONSIST OF POORLY DRAINED SOILS COMPOSED OF FINELY TEXTURED PARTICLES AND ARE PRONE TO RUTTING. PLACID SOILS ARE TYPICALLY PRESENT IN LOW-LYING AREAS WITH HYDROLOGIC SOILS GROUP (HSG) OF C OR D, OR AS SPECIFIED FROM AN ENVIRONMENTAL SCIENTIST, SOIL SCIENTIST, OR GEOTECHNICAL DATA.
 - 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



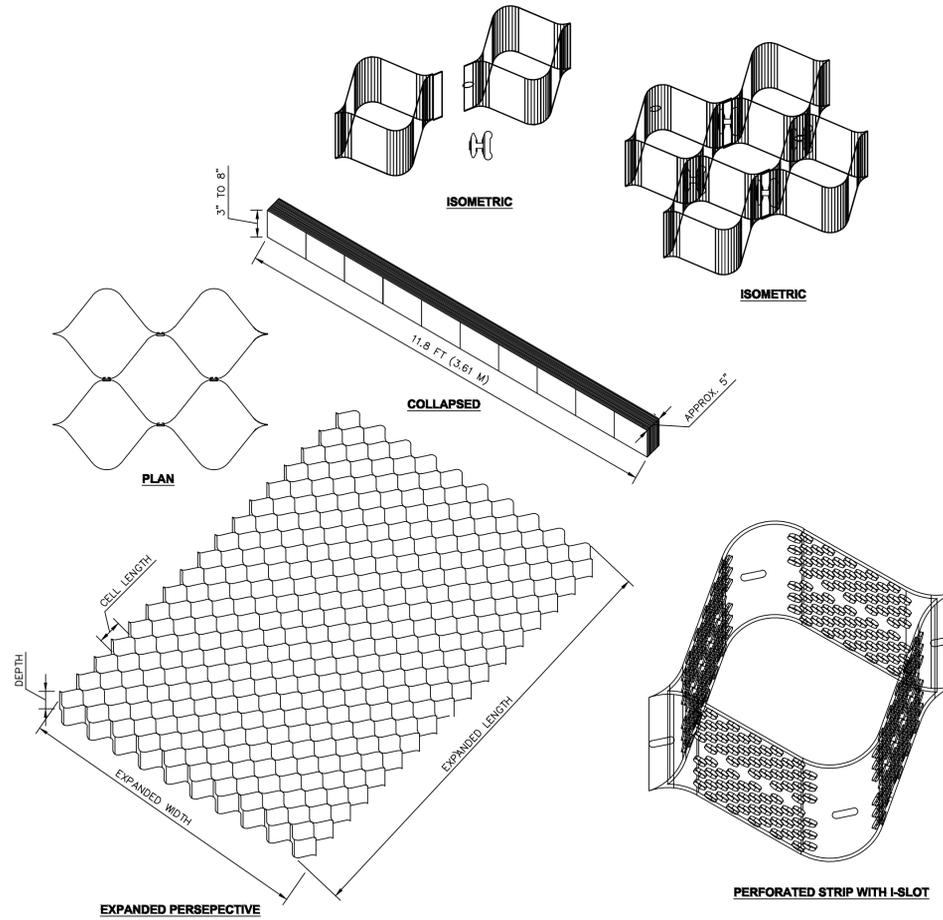
3 LIMITED USE PERVIOUS ACCESS ROAD - 10% AND GREATER SLOPES
SCALE: N.T.S.



5 NYSDOT DRIVEWAY ENTRANCE HMA SECTION WITHIN PAVEMENT LENGTH
SCALE: N.T.S.



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



4 GEOWEB SYSTEM
SCALE: N.T.S.

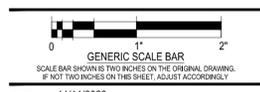
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B	REVISED PER TOWN COMMENTS	11/11/2022
A	SITE PLAN APPROVAL SUBMISSION	05/31/2022

SITE DETAILS



DATE	11/11/2022
SCALE	AS NOTED
DWN	NRF
CHK	CC1
PROJ. No.	607115
DWG. No.	