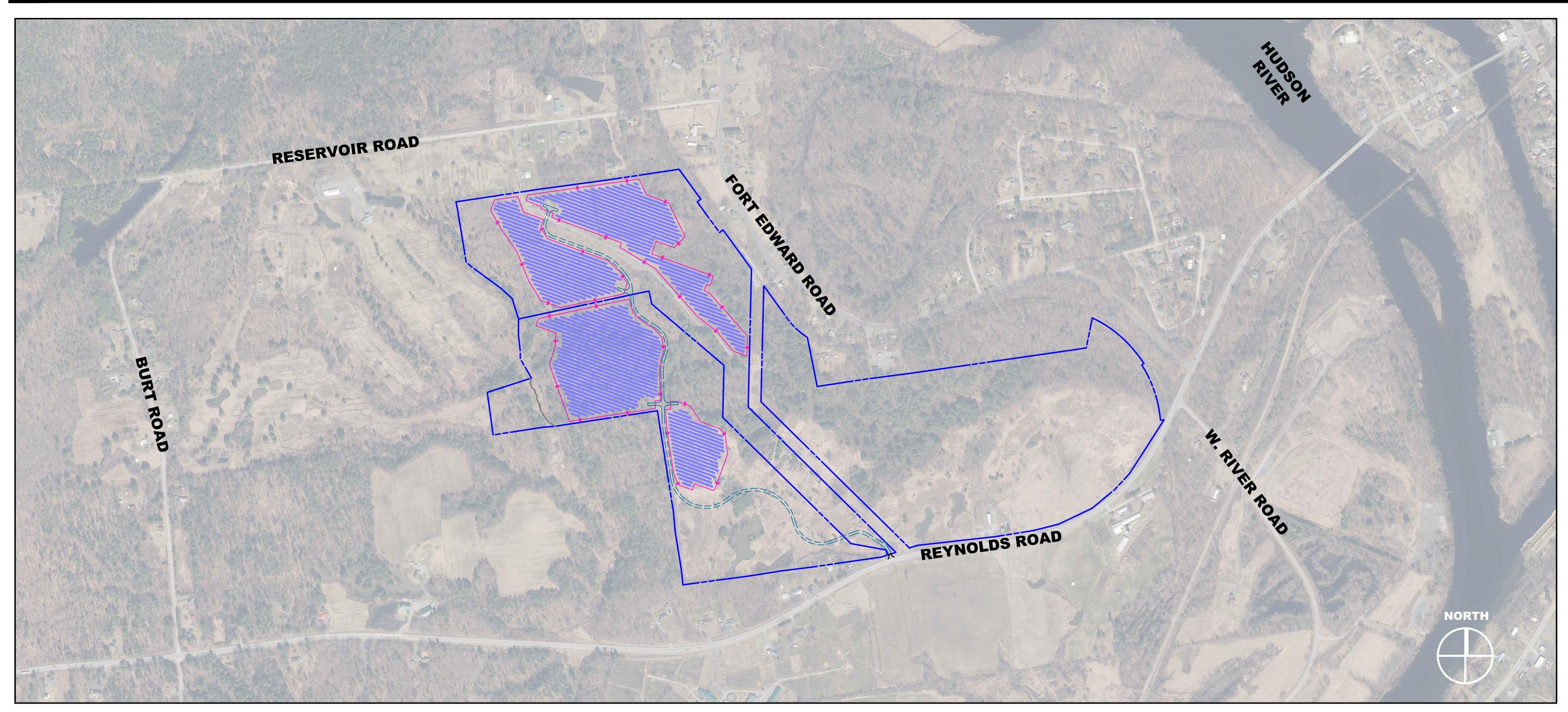
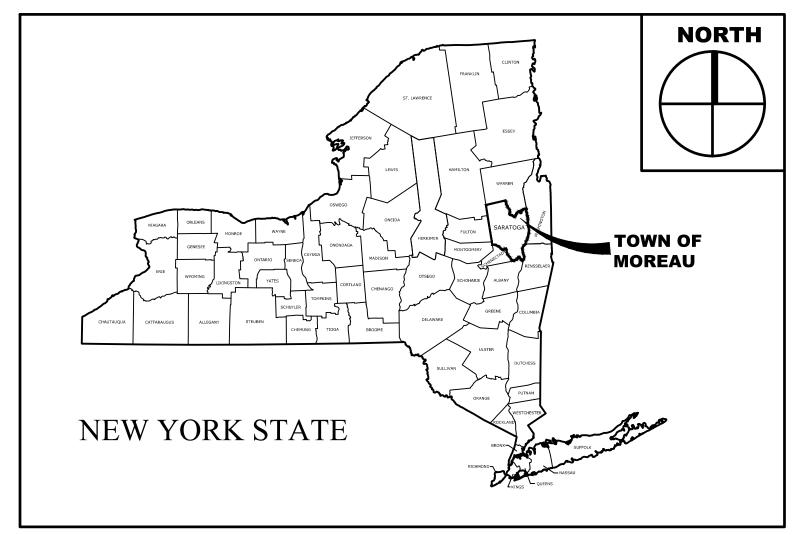
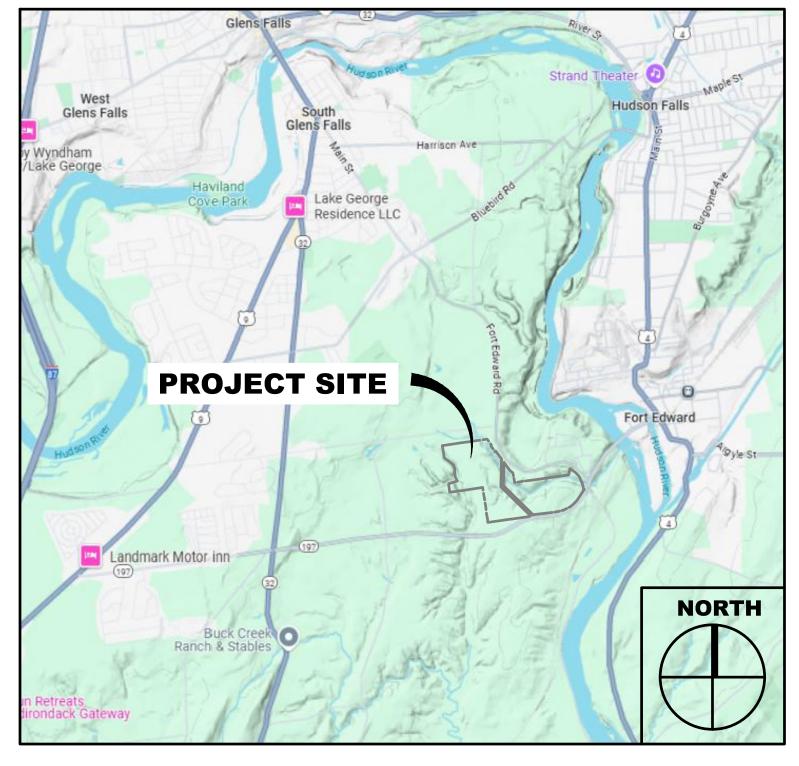
# MOREAU COMMUNITY SOLAR PROJECT LINE COV

65 REYNOLDS ROAD

FEB. 04, 2025

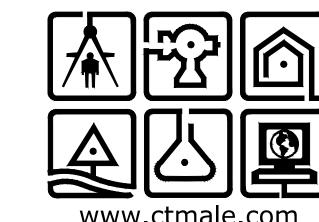


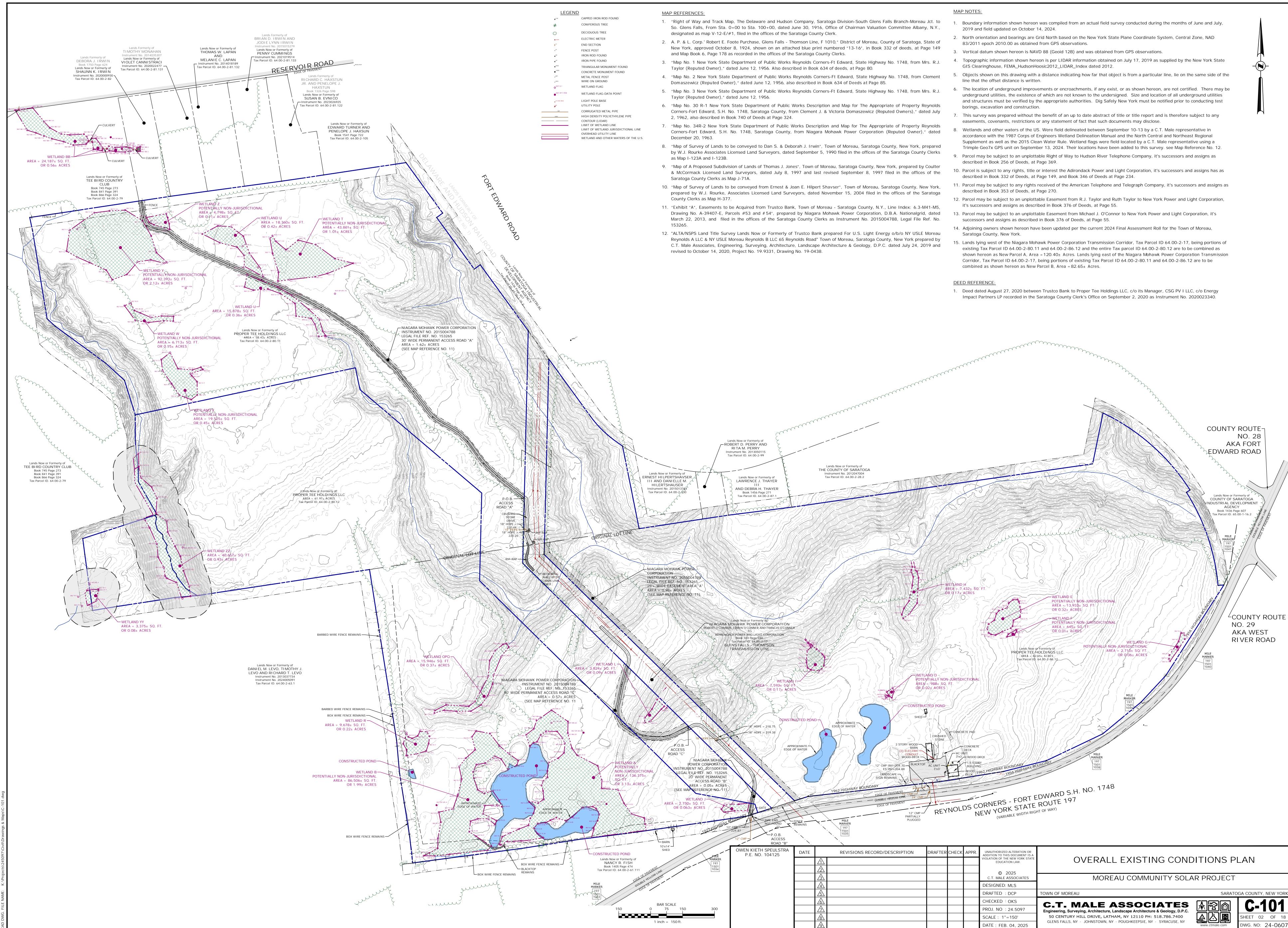


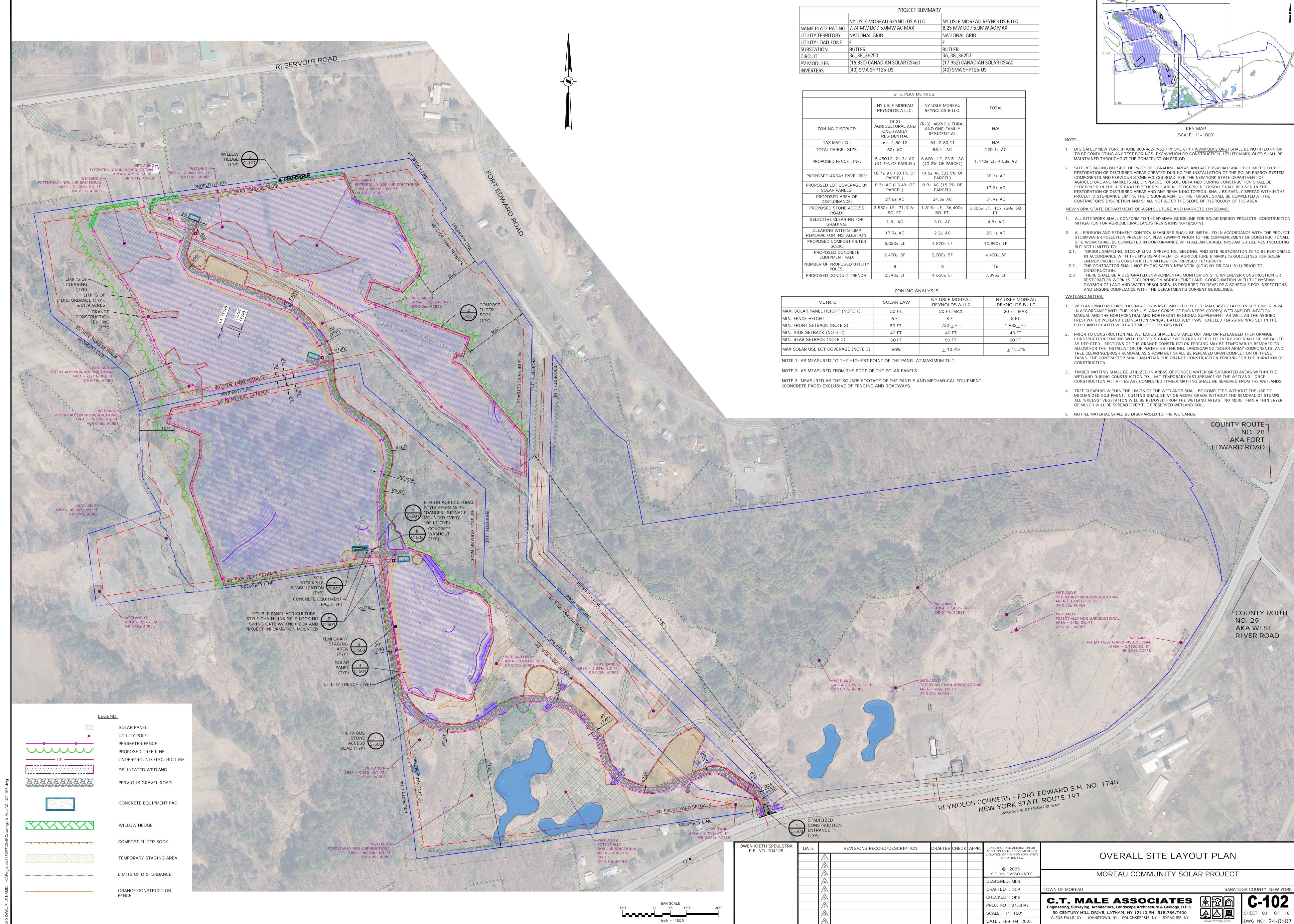


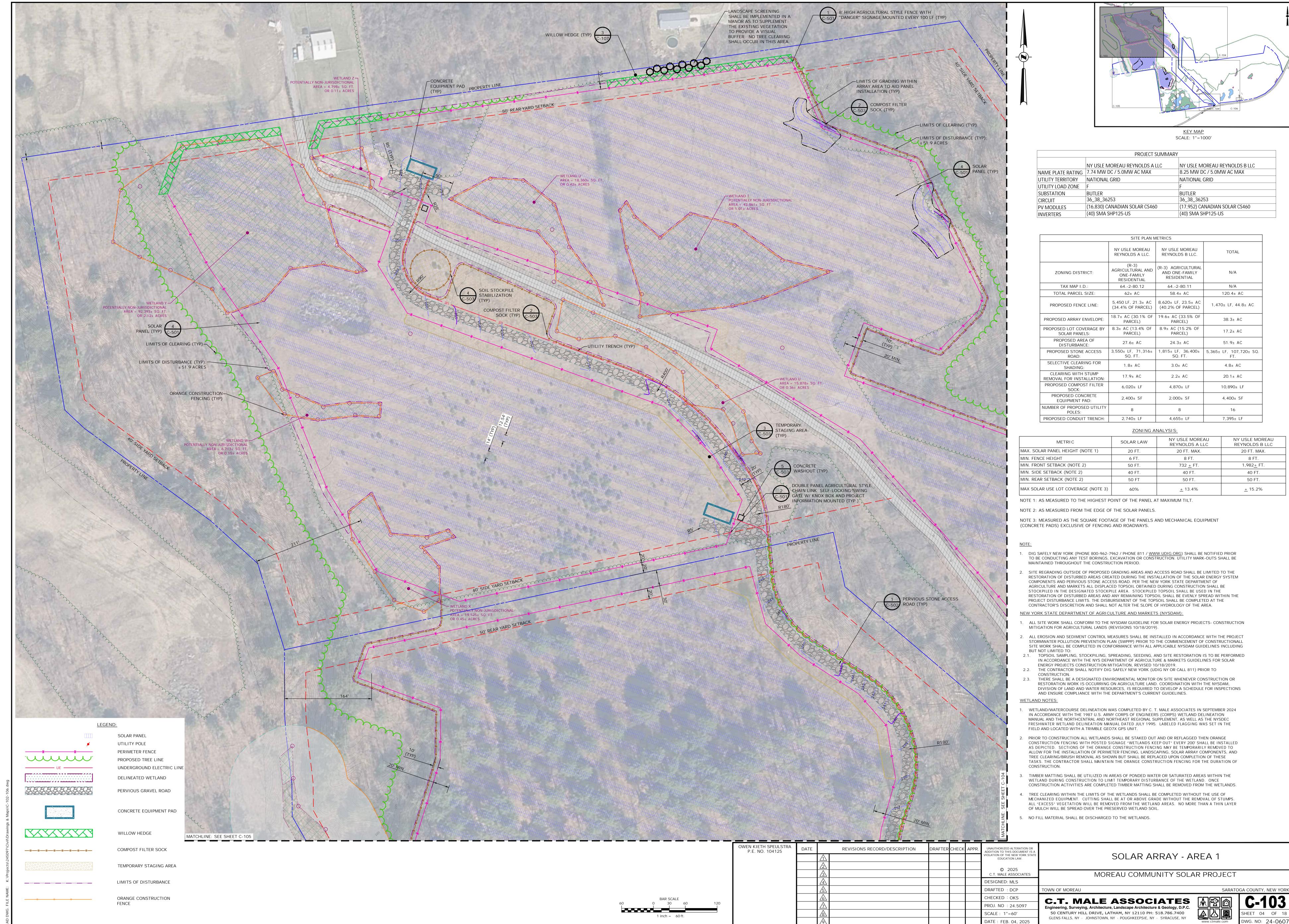
**SITE LOCATION MAP** 

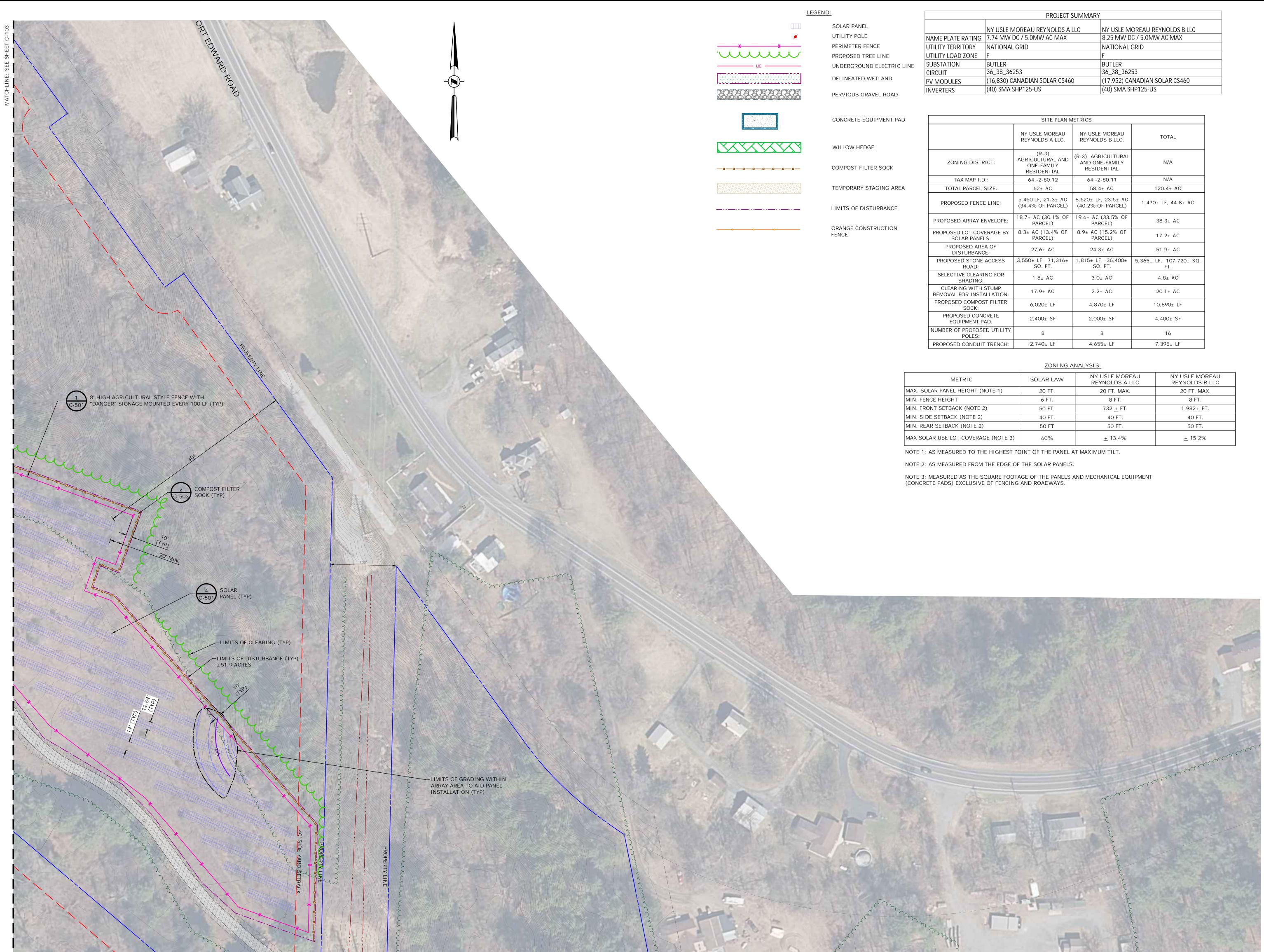
	<b>Drawing List</b>	
Sheet ID	Sheet Title	Sheet Number
G-001	COVER PAGE	01
C-101	OVERALL EXISTING CONDITIONS PLAN	02
C-102	OVERALL SITE LAYOUT PLAN	03
C-103	SOLAR ARRAY - AREA 1	04
C-104	SOLAR ARRAY - AREA 2	05
C-105	SOLAR ARRAY - AREA 3	06
C-106	SOLAR ARRAY - AREA 4	07
C-107	CLEARING & LANDSCAPING PLAN	08
C-108	UTILITY POLE & ENTRANCE PLAN	09
C-109	NYSDOT MINOR COMMERCIAL ENTRANCE PLAN	10
C-110	EXISTING SLOPES	11
C-111	PROPOSED SLOPES	12
C-501	SITE DETAILS	13
C-502	SITE DETAILS	14
C-503	EROSION & SEDIMENT CONTROL DETAILS	15
C-701	TRAFFIC AND MAINTENANCE CONTROL DETAILS	16
C-702	TRAFFIC AND MAINTENANCE CONTROL DETAILS	17
C-703	TRAFFIC AND MAINTENANCE CONTROL DETAILS	18

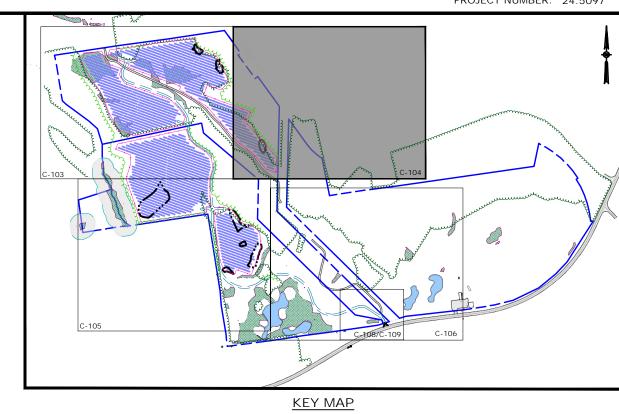












SCALE: 1"=1000'

## NOTE:

- DIG SAFELY NEW YORK (PHONE 800-962-7962 / PHONE 811 / <u>WWW.UDIG.ORG</u>) SHALL BE NOTIFIED PRIOR
  TO BE CONDUCTING ANY TEST BORINGS, EXCAVATION OR CONSTRUCTION. UTILITY MARK-OUTS SHALL BE
  MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
- 2. SITE REGRADING OUTSIDE OF PROPOSED GRADING AREAS AND ACCESS ROAD SHALL BE LIMITED TO THE RESTORATION OF DISTURBED AREAS CREATED DURING THE INSTALLATION OF THE SOLAR ENERGY SYSTEM COMPONENTS AND PERVIOUS STONE ACCESS ROAD. PER THE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS ALL DISPLACED TOPSOIL OBTAINED DURING CONSTRUCTION SHALL BE STOCKPILED IN THE DESIGNATED STOCKPILE AREA. STOCKPILED TOPSOIL SHALL BE USED IN THE RESTORATION OF DISTURBED AREAS AND ANY REMAINING TOPSOIL SHALL BE EVENLY SPREAD WITHIN THE PROJECT DISTURBANCE LIMITS. THE DISBURSEMENT OF THE TOPSOIL SHALL BE COMPLETED AT THE CONTRACTOR'S DISCRETION AND SHALL NOT ALTER THE SLOPE OF HYDROLOGY OF THE AREA.

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS (NYSDAM):

- 1. ALL SITE WORK SHALL CONFORM TO THE NYSDAM GUIDELINE FOR SOLAR ENERGY PROJECTS- CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS (REVISIONS 10/18/2019).
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- BUT NOT LIMITED TO:
  2.1. TOPSOIL SAMPLING, STOCKPILING, SPREADING, SEEDING, AND SITE RESTORATION IS TO BE PERFORMED IN ACCORDANCE WITH THE NYS DEPARTMENT OF AGRICULTURE & MARKETS GUIDELINES FOR SOLAR
- ENERGY PROJECTS CONSTRUCTION MITIGATION, REVISED 10/18/2019.

  2.2. THE CONTRACTOR SHALL NOTIFY DIG SAFELY NEW YORK (UDIG NY OR CALL 811) PRIOR TO CONSTRUCTION.

  3.3 THERE SHALL BE A DESIGNATED ENVIRONMENTAL MONITOR ON SITE WHENEVER CONSTRUCTION.
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  WETLAND NOTES:
- 1. WETLAND/WATERCOURSE DELINEATION WAS COMPLETED BY C. T. MALE ASSOCIATES IN SEPTEMBER 2024 IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS (CORPS) WETLAND DELINEATION MANUAL AND THE NORTHCENTRAL AND NORTHEAST REGIONAL SUPPLEMENT, AS WELL AS THE NYSDEC FRESHWATER WETLAND DELINEATION MANUAL DATED JULY 1995. LABELED FLAGGING WAS SET IN THE FIELD AND LOCATED WITH A TRIMBLE GEO7X GPS UNIT.
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- 5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.

OWEN KIETH SPEULSTRA REVISIONS RECORD/DESCRIPTION P.E. NO. 104125 ADDITION TO THIS DOCUMENT IS A TOLATION OF THE NEW YORK STAT SOLAR ARRAY - AREA 2 EDUCATION LAW. © 2025 C.T. MALE ASSOCIATES MOREAU COMMUNITY SOLAR PROJECT DESIGNED: MLS TOWN OF MOREAU SARATOGA COUNTY, NEW YORK DRAFTED : DCP CHECKED : OKS C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. PROJ. NO: 24.5097 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 SCALE: 1"=60' GLENS FALLS, NY JOHNSTOWN, NY POUGHKEEPSIE, NY SYRACUSE, NY DATE: FEB. 04, 2025

CHECKED : OKS

SCALE: 1"=60'

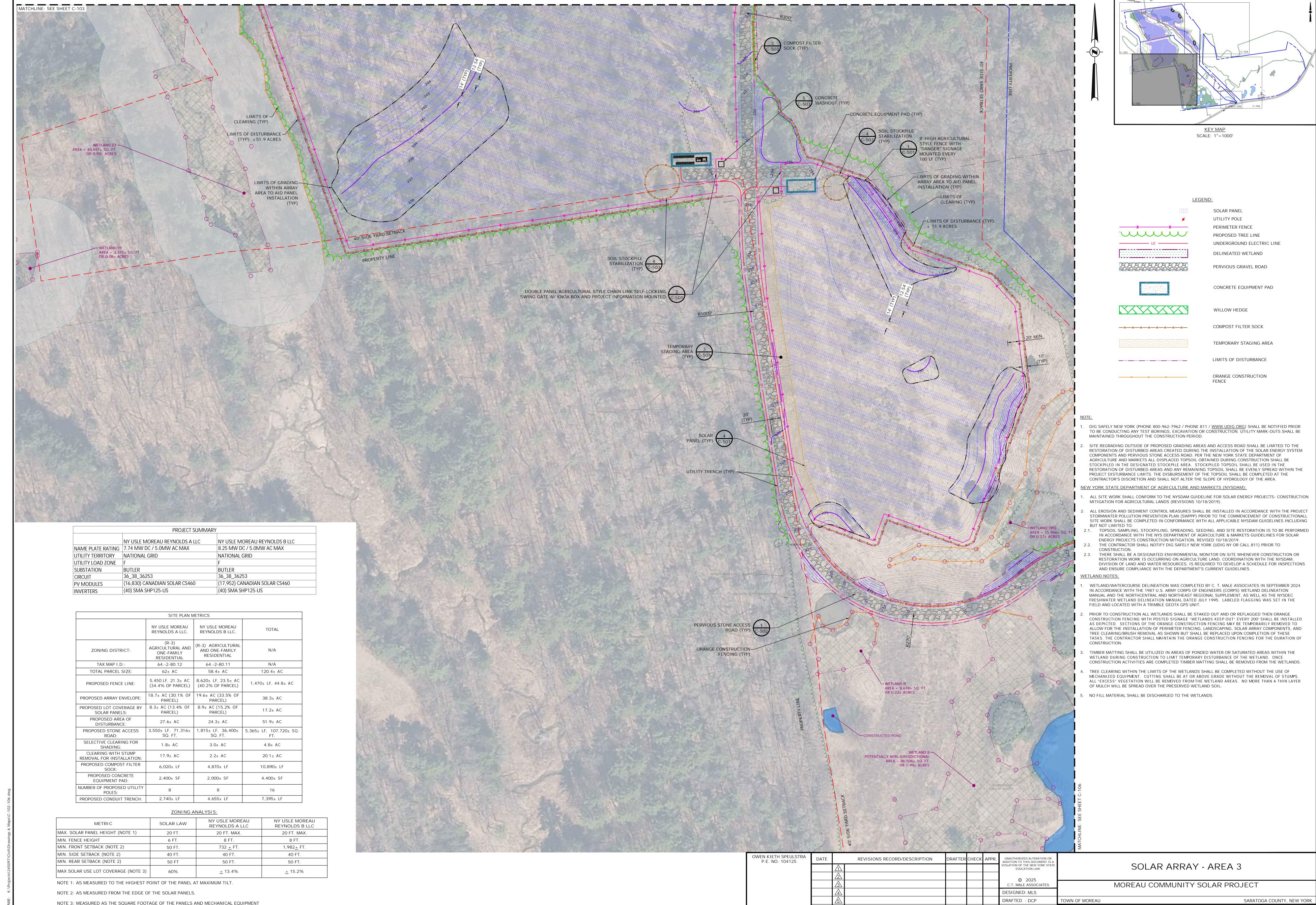
PROJ. NO: 24.5097

DATE: FEB. 04, 2025

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400

GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY



(CONCRETE PADS) EXCLUSIVE OF FENCING AND ROADWAYS.

UTILITY POLE

<del>X</del> X

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\_\_\_\_\_\_

PERIMETER FENCE

PROPOSED TREE LINE

DELINEATED WETLAND

PERVIOUS GRAVEL ROAD

CONCRETE EQUIPMENT PAD

WILLOW HEDGE

COMPOST FILTER SOCK

LIMITS OF DISTURBANCE

ORANGE CONSTRUCTION

TEMPORARY STAGING AREA

UNDERGROUND ELECTRIC LINE

KEY MAP SCALE: 1"=1000'

PROJECT SUMMARY							
	NY USLE MOREAU REYNOLDS A LLC	NY USLE MOREAU REYNOLDS B LLC					
NAME PLATE RATING	7.74 MW DC / 5.0MW AC MAX	8.25 MW DC / 5.0MW AC MAX					
UTILITY TERRITORY	NATIONAL GRID	NATIONAL GRID					
UTILITY LOAD ZONE	F	F					
SUBSTATION	BUTLER	BUTLER					
CIRCUIT	36_38_36253	36_38_36253					
PV MODULES	(16,830) CANADIAN SOLAR CS460	(17,952) CANADIAN SOLAR CS460					
INVERTERS	(40) SMA SHP125-US	(40) SMA SHP125-US					

SITE PLAN METRICS								
	NY USLE MOREAU REYNOLDS A LLC.	NY USLE MOREAU REYNOLDS B LLC.	TOTAL					
ZONING DISTRICT:	(R-3) AGRICULTURAL AND ONE-FAMILY RESIDENTIAL	(R-3) AGRICULTURAL AND ONE-FAMILY RESIDENTIAL	N/A					
TAX MAP I.D.:	642-80.12	642-80.11	N/A					
TOTAL PARCEL SIZE:	62± AC	58.4± AC	120.4± AC					
PROPOSED FENCE LINE:	5,450 LF, 21.3± AC (34.4% OF PARCEL)	8,620± LF, 23.5± AC (40.2% OF PARCEL)	1,470± LF, 44.8± AC					
PROPOSED ARRAY ENVELOPE:	18.7± AC (30.1% OF PARCEL)	19.6± AC (33.5% OF PARCEL)	38.3± AC					
PROPOSED LOT COVERAGE BY SOLAR PANELS:	8.3± AC (13.4% OF PARCEL)	8.9± AC (15.2% OF PARCEL)	17.2± AC					
PROPOSED AREA OF DISTURBANCE:	27.6± AC	24.3± AC	51.9± AC					
PROPOSED STONE ACCESS ROAD:	3,550± LF, 71,316± SQ. FT.	1,815± LF, 36,400± SQ. FT.	5,365± LF, 107,720± S( FT.					
SELECTIVE CLEARING FOR SHADING:	1.8± AC	3.O± AC	4.8± AC					
CLEARING WITH STUMP REMOVAL FOR INSTALLATION:	17.9± AC	2.2± AC	20.1± AC					
PROPOSED COMPOST FILTER SOCK:	6,020± LF	4,870± LF	10,890± LF					
PROPOSED CONCRETE EQUIPMENT PAD:	2,400± SF	2,000± SF	4,400± SF					
NUMBER OF PROPOSED UTILITY POLES:	8	8	16					
PROPOSED CONDUIT TRENCH:	2,740± LF	4,655± LF	7,395± LF					

## **ZONING ANALYSIS:**

METRIC	SOLAR LAW	NY USLE MOREAU REYNOLDS A LLC	NY USLE MOREAU REYNOLDS B LLC		
MAX. SOLAR PANEL HEIGHT (NOTE 1)	20 FT.	20 FT. MAX.	20 FT. MAX.		
MIN. FENCE HEIGHT	6 FT.	8 FT.	8 FT.		
MIN. FRONT SETBACK (NOTE 2)	50 FT.	732 <u>+</u> FT.	1,982 <u>+</u> FT.		
MIN. SIDE SETBACK (NOTE 2)	40 FT.	40 FT.	40 FT.		
MIN. REAR SETBACK (NOTE 2)	50 FT	50 FT.	50 FT.		
MAX SOLAR USE LOT COVERAGE (NOTE 3)	60%	<u>+</u> 13.4%	<u>+</u> 15.2%		

NOTE 1: AS MEASURED TO THE HIGHEST POINT OF THE PANEL AT MAXIMUM TILT.

NOTE 2: AS MEASURED FROM THE EDGE OF THE SOLAR PANELS.

NOTE 3: MEASURED AS THE SQUARE FOOTAGE OF THE PANELS AND MECHANICAL EQUIPMENT (CONCRETE PADS) EXCLUSIVE OF FENCING AND ROADWAYS.

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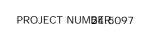
OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	ADDITION TO THIS DOCUMENT IS A	
		Â					VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	SOLAR ARRAY -AR
		2					© 2025	
		$\boxed{3}$					C.T. MALE ASSOCIATES	MOREAU COMMUNITY SOLAR
		4					DESIGNED: MLS	
		<u>\$</u>					DRAFTED : DCP	TOWN OF MOREAU
							CHECKED : OKS	C.T. MALE ASSOCIATES
		$\triangle$					PROJ. NO: 24.5097	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
		8					SCALE: 1"=60'	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400
							DATE: FEB. 04, 2025	GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY

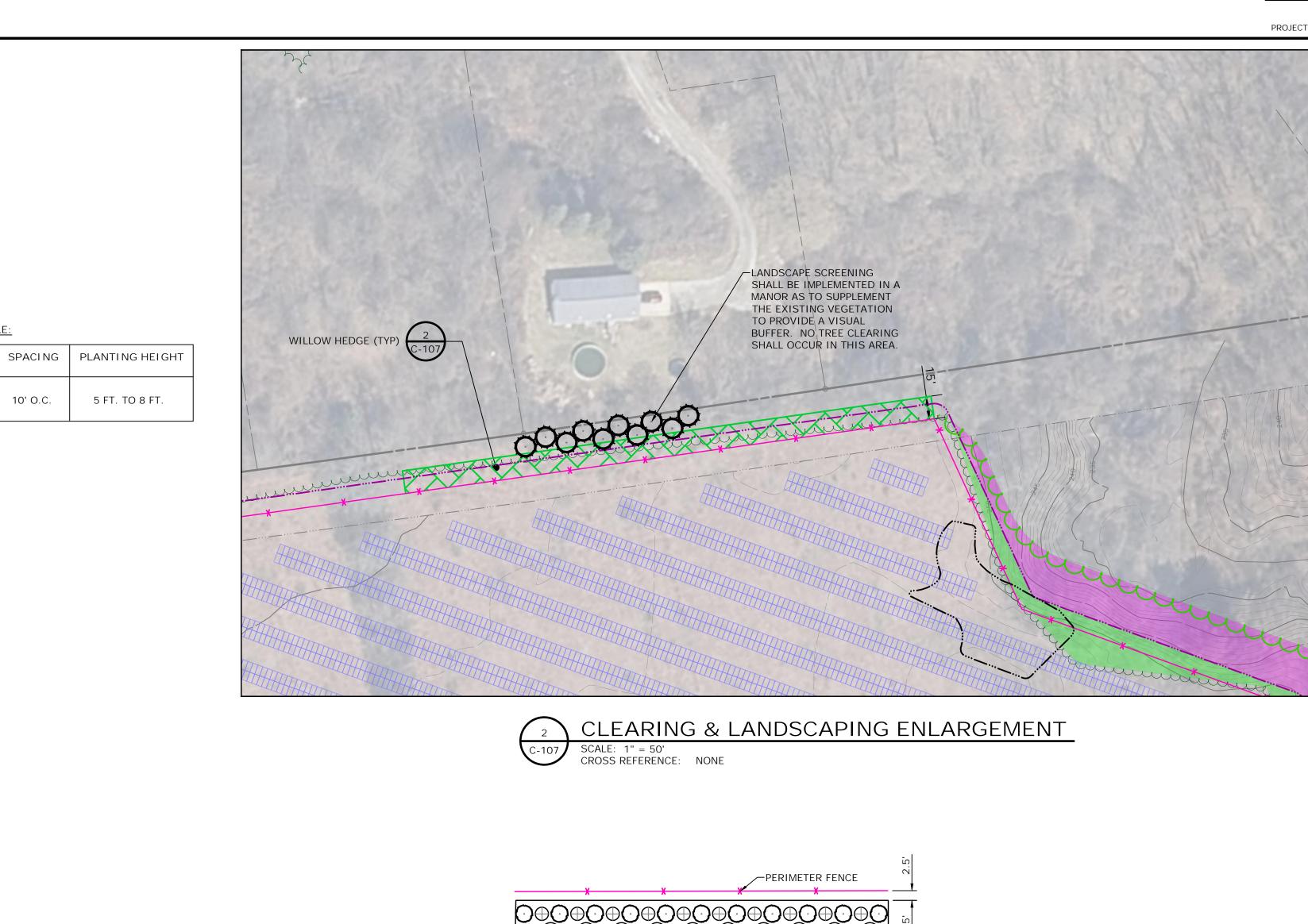
MOREAU COMMUNITY SOLAR PROJECT

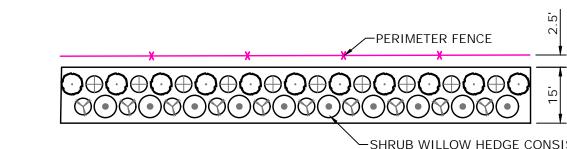
SOLAR ARRAY -AREA 4

SARATOGA COUNTY, NEW YORK









SHRUB WILLOW HEDGE CONSISTING OF A RAPID-GROWING SHRUB WILLOW SPECIES MIX SUITABLE TO SPECIFIC SITE CONDITIONS. CUTTINGS PLANTED 2' O.C., DOUBLE-ROW SPACED 3' APART. SITE PREPARATION SHALL CONSIST OF ROTOTILLING AS NEEDED, PLACING FABRIC, AND COVERING WITH MULCH AROUND PLANTING. COPPICING AFTER FIRST YEAR GROWTH MAY OCCUR.

\ WILLOW HEDGE SCALE: 1" = 60' CROSS REFERENCE: NONE









DATE: FEB. 04, 2025

	CLEARING	& LANDSCAPING PLAN
C-107	SCALE: 1"=150' CROSS REFERENCE:	NONE

A	OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE		REVISIONS RECORD/DESCRIPTION		DRAFTER CHECK APPR.		ADDITION TO THIS DOCUMENT IS A	
☑       2025         C.T. MALE ASSOCIATES       DESIGNED: MLS         ☑       DRAFTED : DCP       TOWN OF N         ☑       CHECKED : OKS         PROJ. NO : 24.5097       Engineerin         SCALE : 1"=150"       50 CEN			$\triangle$					VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	
Image: Common of the commo			2					© 2025	
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			<u>6</u>					CHECKED : OKS	C.T. MA
SCALE : 1"=150' 50 CEN			$\triangle$					PROJ. NO: 24.5097	Engineering, Surveying
			8				·	SCALE: 1"=150'	50 CENTURY HILL

CLEARING & LANDSCAPING PLAN

MOREAU COMMUNITY SOLAR PROJECT

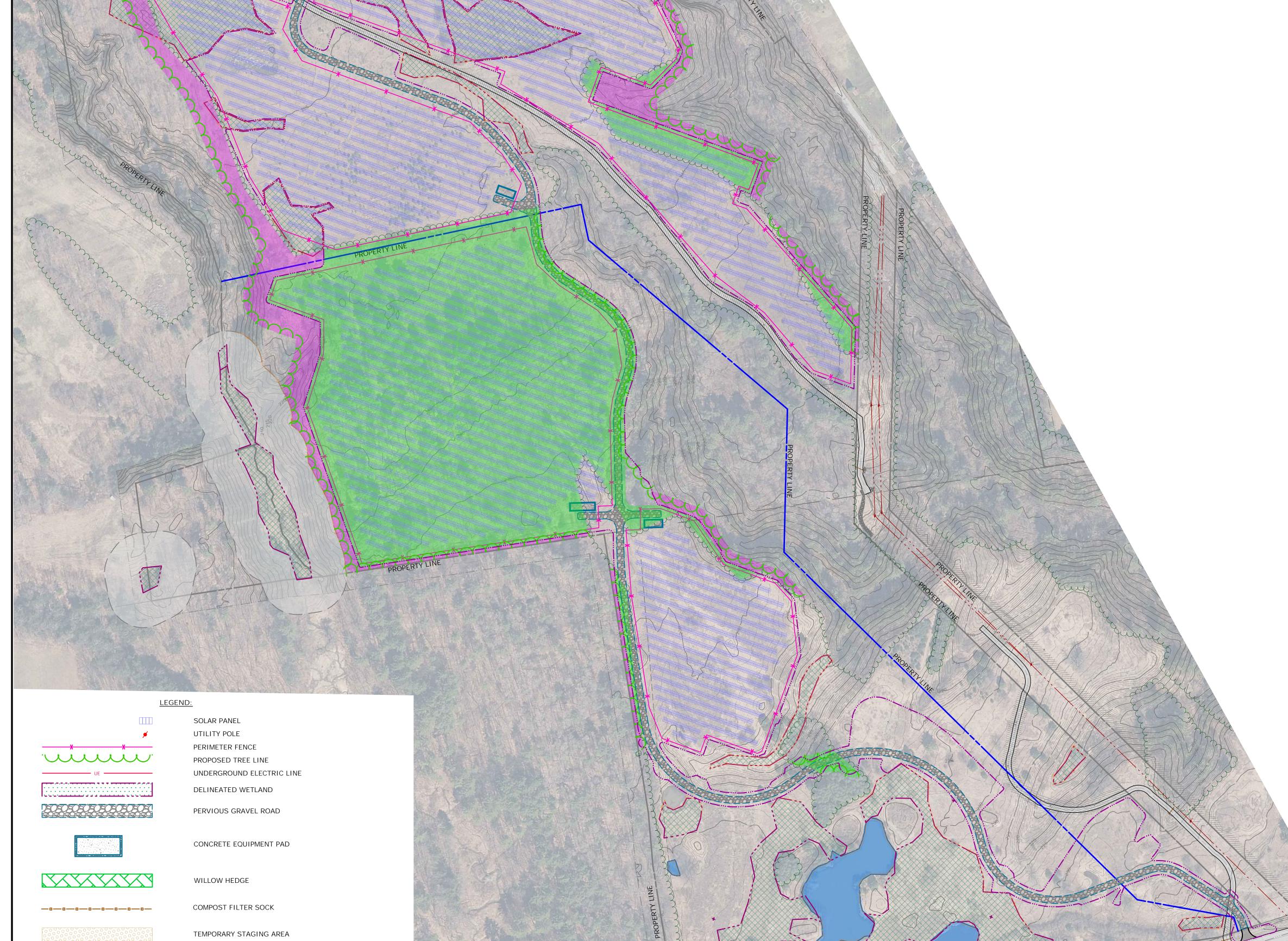
C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400

GLENS FALLS, NY JOHNSTOWN, NY POUGHKEEPSIE, NY SYRACUSE, NY

SARATOGA COUNTY, NEW YORK



LANDSCAPE SCREENING SHALL BE
IMPLEMENTED IN A MANOR AS TO
SUPPLEMENT THE EXISTING VEGETATION
TO PROVIDE A VISUAL BUFFER. NO TREE
CLEARING SHALL OCCUR IN THIS AREA.

MATCHLINE: SEE 2 THIS SHEET

LIMITS OF DISTURBANCE

ORANGE CONSTRUCTION

TO REDUCE PANEL SHADING

CLEARING WITH STUMP REMOVAL=  $20.12\pm$  AC. FOR ACCESS & ARRAY

CLEARING WITHOUT STUMP REMOVAL= 4.8± AC.

\_...\_

PLANTING SCHEDULE:

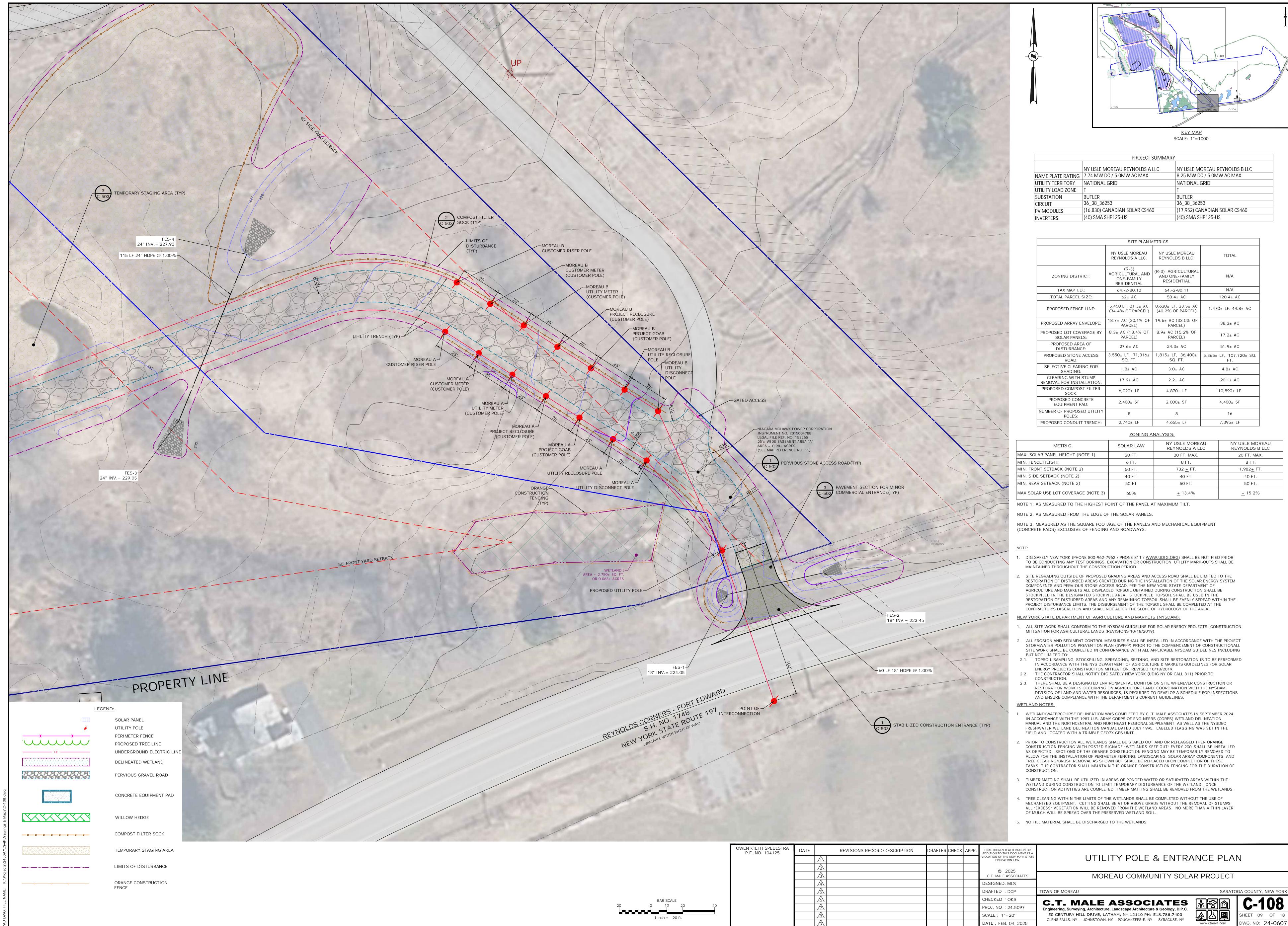
10' O.C.

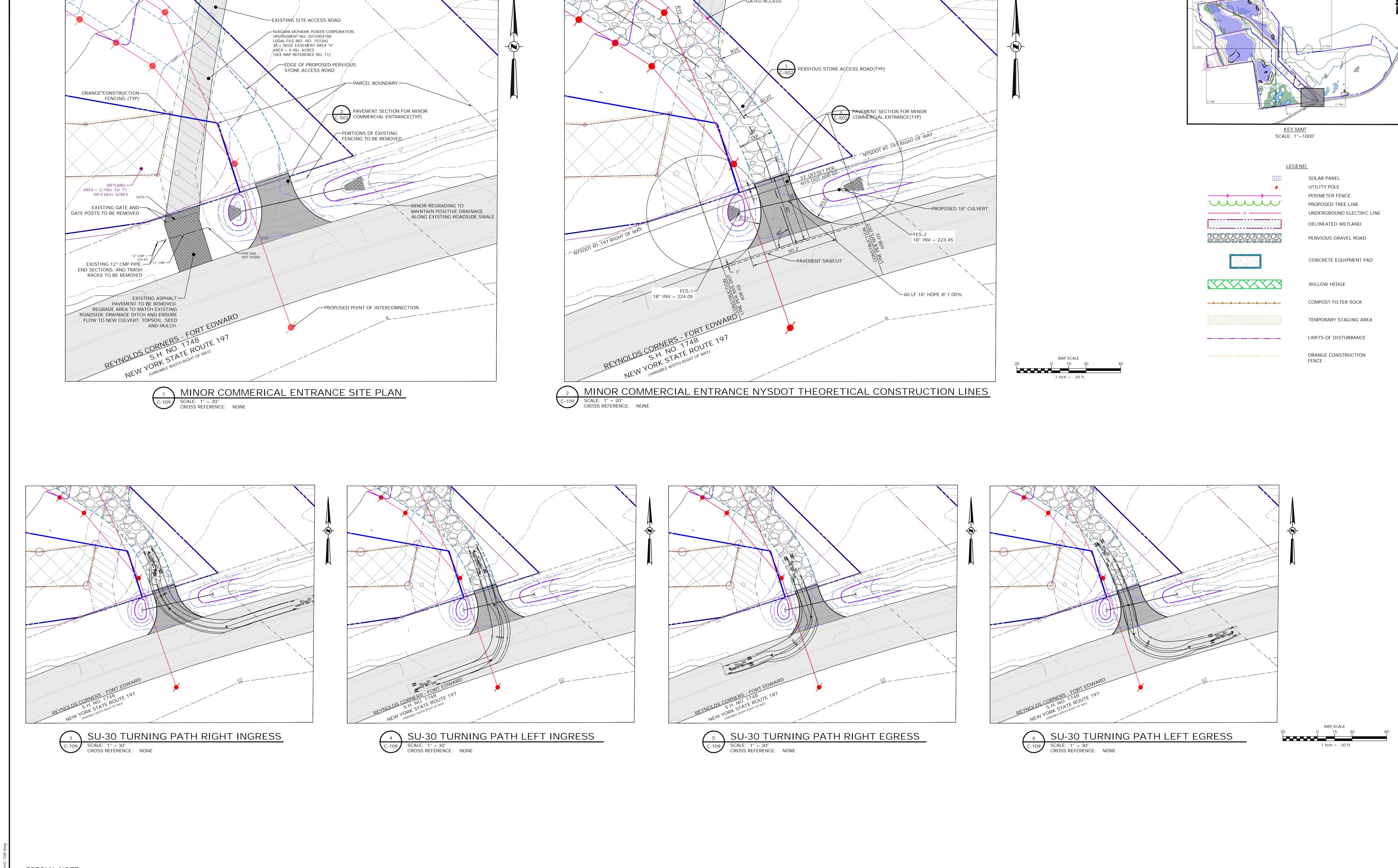
5 FT. TO 8 FT.

WHITE SPRUCE NORWAY SPRUCE EASTERN RED CEDAR

TREE TYPE/MIX ESTIMATED QTY.

EVERGREEN MIX



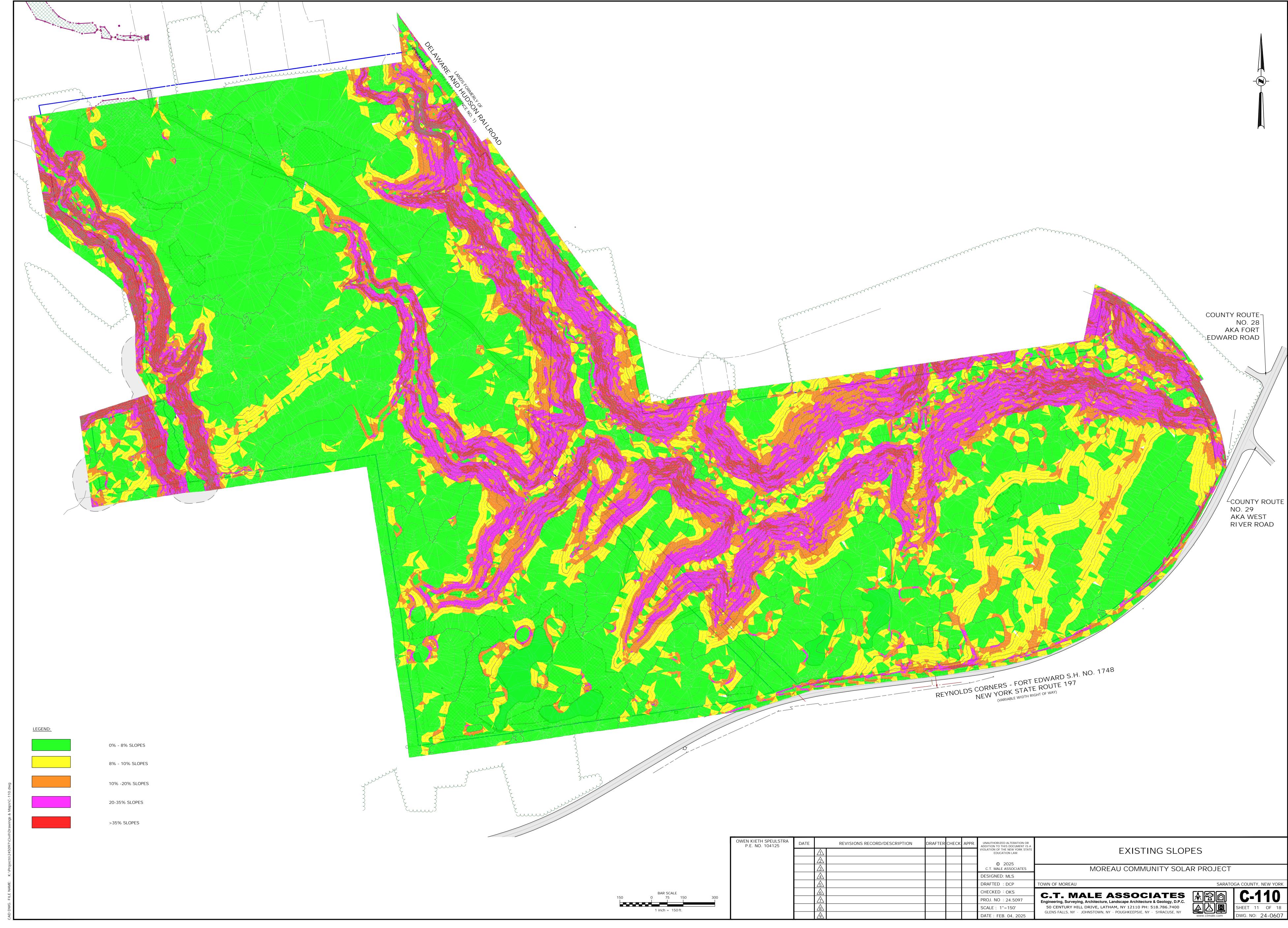


SPECIAL NOTE:
ALL CONSTRUCTION PERFORMED IN RELATIONSHIP TO THE PROPOSED MINOR COMMERCIAL ENTRANCE MODIFICATIONS SHOWN ON THESE PLANS SHALL BE COMPLETED IN CONFORMANCE WITH LATEST EDITION OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS 608-03.

THERE SHALL BE NO TEMPORARY LANE CLOSURES, MONDAY-FRIDAY 7AM-7PM, SAT 9AM-5PM, SUN 11AM-5PM

OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A	
		$\triangle$					VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	NYSDOT MINOR COMMERCIAL ENTRANCE PLAN
		2					© 2025	
		3					C.T. MALE ASSOCIATES	MOREAU COMMUNITY SOLAR PROJECT
		4					DESIGNED: MLS	
		<u>\$</u>					DRAFTED : DCP	TOWN OF MOREAU SARATOGA COUNTY, NEW YORK
		<u>6</u>					CHECKED : OKS	C.T. MALE ASSOCIATES AND C-109
							PROJ. NO: 24.5097	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
		<u> </u>					SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400  SHEET 10 OF 18
		9					DATE: FEB. 04, 2025	GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY www.ctmale.com DWG. NO: 24-0607

PROJECT NUMBER: 24.5097



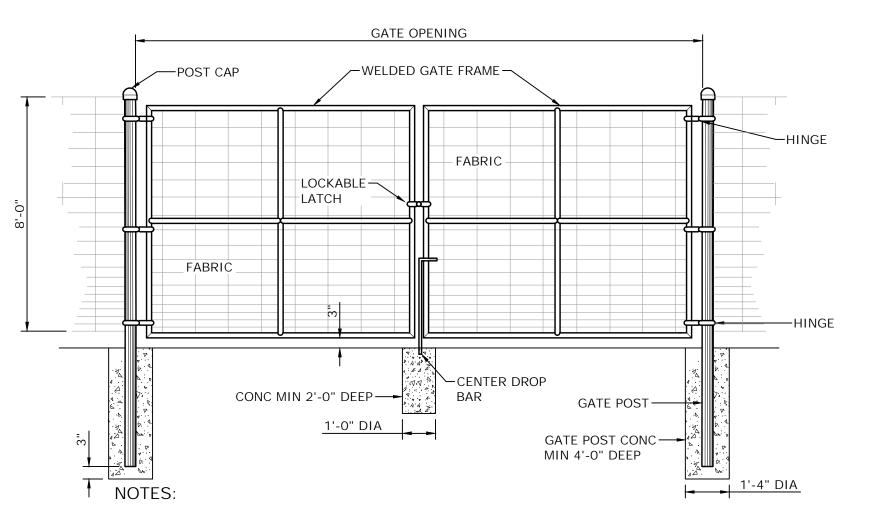


VARIES (20' MIN.)



INSTALLED CONDITION





- 1. USE SONATUBE TO FORM CONCRETE FOR FENCE POSTS, EXTEND SONATUBE 1" ABOVE FINNISH GRADE, DO NOT ALLOW CONCRETE TO OVERFLOW SONATUBE
- 2. VEHICLE ACCESS GATE SHALL BE A DUAL PANEL SWING GATE WITH AN OVERALL DIMENSION OF 20' W x 8' H. EACH PANEL IS 10' $\pm$  W x 8' $\pm$  H. GATE PANELS TO BE CONSTRUCTED OF 2"Ø STEEL TUBE WITH GALVANIZED FINISH.
- 3. GATE SUPPORT POST TO BE 3"Ø STEEL TUBE WITH GALVANIZED FINISH AND AN OVERALL HEIGHT OF 12'. STEEL POSTS SHALL BE CAPPED.
- 4. ATTACH WIRE FENCE TO GATE POSTS AND GATE FRAMES PER MANUFACTURER'S REQUIREMENTS

DOUBLE PANEL SWING GATE

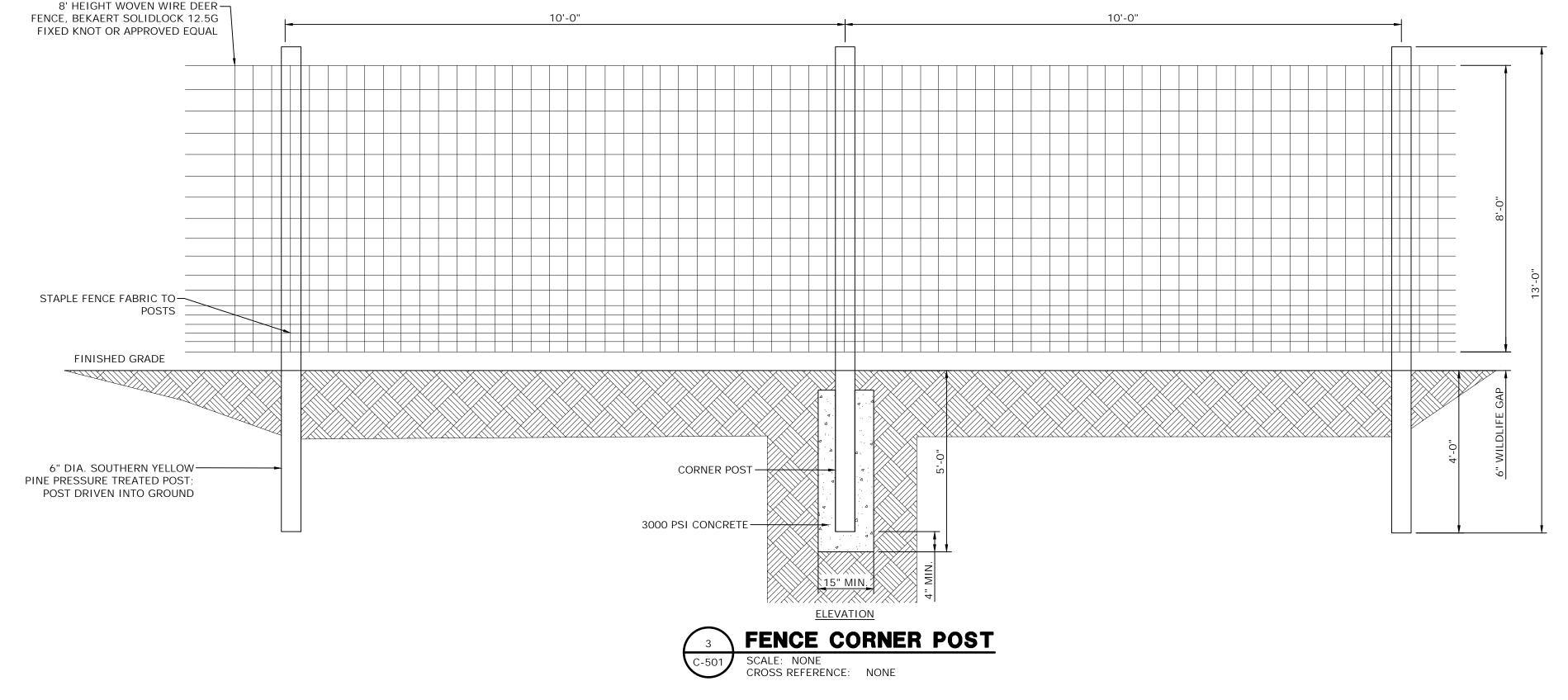
C-501 SCALE: NONE
CROSS REFERENCE: NONE

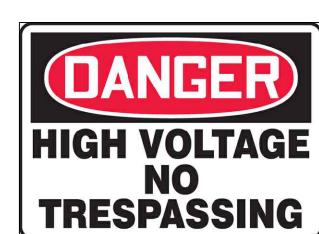
# GENERAL NOTES:

- 1. BEFORE UNDERTAKING ANY CONSTRUCTION ACTIVITY, ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH SITE WORK THAT INVOLVES PHYSICAL GROUND DISTURBANCE ON THE PROJECT SITE SHALL SIGN AND DATE A COPY OF THE CERTIFICATION STATEMENT, WHICH IS LOCATED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), PREPARED FOR THIS PROJECT.
- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL CONFORM TO THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (2016 ISSUE) AND ANY ADDENDA THERETO.
- 2. THE SEDIMENT CONTROL MEASURES DETAILED IN THESE PLANS SHALL BE IN PLACE PRIOR TO THE START OF EACH CONSTRUCTION PHASE. ONCE CONSTRUCTED, ALL MEASURES SHALL BE PROPERLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD, AND THEN REMOVED FROM THE SITE ONCE THE SITE IS STABILIZED.
- 3. AFTER THE START OF CONSTRUCTION, SITE SWPPP INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY (7) CALENDAR DAYS.
- 4. BASED ON THE WEEKLY SITE SWPPP INSPECTIONS, THE EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE SWPPP MAY BE REVISED AS SITE CONDITIONS WARRANT. THE CONTRACTOR SHALL IMPLEMENT THESE CHANGES AS SOON AS PRACTICABLE. AND KEEP AND UPDATED SWPPP ONSITE.
- 5. THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR UNTIL THE FINAL SURFACE TREATMENT HAS BEEN INSTALLED AND VEGETATED AREAS HAVE ESTABLISHED 80% COVERAGE. AFTER THE VEGETATED AREAS HAVE BEEN STABILIZED WITH AT LEAST 80% VEGETATIVE COVER, AS DETERMINED BY THE ENGINEER, THE PROJECT SPONSOR SHALL ASSUME RESPONSIBILITY FOR MAINTAINING THE EROSION AND SEDIMENT CONTROL SYSTEM(S).
- THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE CONTRACT DOCUMENTS WILL NEED TO BE SUPPLEMENTED WITH INTERIM MEASURES PRIOR TO ACHIEVING FINAL GRADES. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN INTERIM EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED TO CONTROL EROSION AND SEDIMENTATION THROUGHOUT THE DURATION OF CONSTRUCTION. THE DETAILS AND EXTENT OF THESE MEASURES ARE HIGHLY DEPENDENT ON THE CONTRACTORS MEANS AND METHODS AND THEREFORE NOT DETAILED ON THESE PLANS. THE COSTS ASSOCIATED WITH INSTALLING AND MAINTAINING THESE INTERIM MEASURES SHALL BE INCLUDED IN THE CONTRACTORS BID.
- 7. CONSTRUCTION ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCING NOTES.
- 8. OUTSIDE THE GROWING SEASON, OTHER METHODS OF SOIL STABILIZATION (SUCH AS THE USE OF JUTE MESH, EXCELSIOR MATTING, OR TACKIFIER) SHALL BE USED UNTIL SUCH TIME AS VEGETATIVE COVER CAN BE ESTABLISHED.
- 9. EXISTING VEGETATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE. SITE WORK ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISTURBANCE. REMOVAL OF WOODY VEGETATION SHALL BE KEPT TO THE MINIMUM EXTENT PRACTICABLE.

## GRADING PLAN NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS HAVING UNDERGROUND UTILITIES ON-SITE OR IN THE RIGHT-OF-WAY THAT MAY BE AFFECTED BY THE WORK, PRIOR TO EXCAVATING AND SITE GRADING.
- 2. SITE GRADING SHALL NOT PROCEED UNTIL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE PATTERNS DURING THE COURSE OF THE WORK.
- 4. EARTHWORK SHALL BE SMOOTHLY AND EVENLY BLENDED INTO EXISTING CONDITIONS. IN THE EVENT THAT WORK OUTSIDE OF DESIGNATED LIMITS OF CONSTRUCTION IS NECESSARY, THE PERMISSION OF THE PROPERTY OWNER MUST FIRST BE OBTAINED BEFORE COMMENCING SUCH WORK.
- 5. BOX TREES, SHRUBS, AND HEDGES TO REMAIN BEFORE PLACING EARTH AGAINST OR NEAR THEM. SHRUBS AND HEDGES, WHICH MUST BE REMOVED TO PERFORM THE WORK, SHALL BE HEALED IN AND REPLANTED IN AS GOOD A CONDITION AS THEY WERE BEFORE THEIR REMOVAL. ANY DAMAGED TREES, SHRUBS AND/OR HEDGES INTENDED TO REMAIN SHALL BE REPLACED IN SIMILAR SIZE AND SPECIES AT THE CONTRACTOR'S EXPENSE.
- 6. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING, BARRICADES, OR OTHER SUITABLE PROTECTION LOCATED OUTSIDE THE DRIP LINE (OUTER PERIMETER OF BRANCHES) TO PROTECT TREES AND OTHER PLANTS INTENDED TO REMAIN FROM DAMAGE.



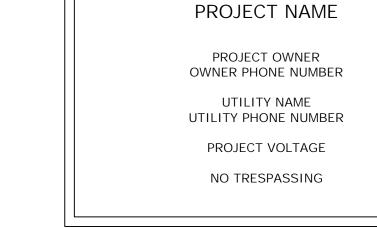


PHOTOVOLTAIC

**POWER SOURCE** 

CROSS REFERENCE: NONE

SIGNAGE DETAIL

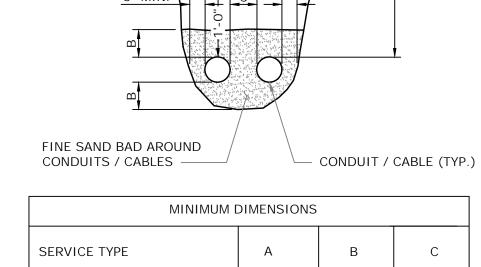




- 2. SIGN SHALL NOT EXCEED 8 SQUARE FEET.
- 3. SIGN SHALL BE OF WHITE BACKGROUND WITH BLACK OR DARK LETTERING WITH A NEAT LINE BORDER.
  - 6 PROJECT SIGNAGE

    C-501 SCALE: NONE

    CROSS REFERENCE: NONE



MINIMUM DIMENSIONS									
SERVICE TYPE	А	В	С						
1,000 VOLTS	24"	3"	6"						
> 1,000 VOLTS	30"	6"	6"						
1,000 VOLTS DIRECT BURIAL	36"	6"	6"						

# NOTES:

BACKFILL AVOID SHARP

EDGED MATERIALS

TAMP EVERY 6"

 ALL UNDERGROUND CONDUIT SHALL BE PVC. CONDUIT SHALL TRANSITION TO RGS FOR ELBOW AND STUB-UPS AND STAY AS RGS UP INTO CABINET OR ENCLOSURE.

FINISHED GRADE

- 2. UNDER ROADS AND PARKING AREAS CONDUIT SHALL BE SCHEDULE 80 PVC, UNDER GRASSY AREAS CONDUIT SHALL BE SCHEDULE 40 PVC.
- 3. CALL BEFORE YOU DIG, DIAL 811 TO BE CONNECTED TO THE LOCAL ON-CALL CENTER. YOU MUST CALL AT LEAST 48 HOURS BEFORE EXCAVATING.
- 4. REFER TO ELECTRICAL DESIGN PLANS FOR DETAILS OF THIS INSTALLATION.
- 5. MAINTAIN 3' SEPARATION DISTANCE FROM OTHER UTILITIES.



4	TYPICAL	ARRAY	SECTION
-501	SCALE: NONE CROSS REFERENCE:	: NONE	_

		_							
	OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	ADDITION TO THIS DOCUMENT IS A	
			$\triangle$					VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	SITE DETAILS
			2					© 2025	
			3					C.T. MALE ASSOCIATES	MOREAU COMMUNITY SOLAR PROJECT
			4					DESIGNED: MLS	
			<u>\$</u>					DRAFTED : DCP	TOWN OF MOREAU SARATOGA COUNTY, NEW YO
			<u>6</u>					CHECKED : OKS	C.T. MALE ASSOCIATES A TO C-501
			$\triangle$				PF	PROJ. NO: 24.5097	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.F.C.
			8					SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 🛕 🙏 🔟 SHEET 13 OF 1

THE ACCESS DRIVE SHOULD NOT EXCEED 15%.

- 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. THE LIMITED USE PERVIOUS ACCESS ROAD CROSS SLOPE SHALL BE 2% IN MOST CASES AND SHOULD NOT EXCEED 6%. THE LONGITUDINAL SLOPE OF

- 8. LIMITED USE PERVIOUS ACCESS ROAD IS NOT INTENDED TO BE UTILIZED FOR CONSTRUCTION WHICH MAY SUBJECT THE ACCESS TO SEDIMENT TRACKING. THE CONTRACTOR SHALL INSTALL A TRADITIONAL CONSTRUCTION ACCESS ALONG THE PROPOSED LIMITED ACCESS ROAD PATH TO BE UTILIZED DURING CONSTRUCTION. UPON COMPLETION OF THE MAJORITY OF CONSTRUCTION THE TEMPORARY CONSTRUCTION ACCESS ROAD SHALL BE REMOVED AND THE UNDERLYING SOILS RESTORED TO PRE-EXISTING CONDITIONS PER THE NYSDEC GUIDELINES FOR DEEP-RIPPING AND
- 9. 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.
- 10. 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.
- 11. A HYDROLOGIC ANALYSIS OF THE ARRAY SITE HAS BEEN PERFORMED AND THE RESULTS SHOW THAT THE HYDROLOGY HAS NOT BEEN ALTERED FROM THE PRE- TO POST-DEVELOPMENT CONDITIONS AS DEFINED IN APPENDIX A OF GP-0-25-001. THE SUPPORTING CALCULATIONS FOR THIS ANALYSIS ARE INCLUDED IN THE SEPARATELY BOUND SWPPP PREPARED FOR THIS PROJECT.

## **GEOGRID MATERIAL NOTES:**

- 1. 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.
- 2. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUAUTY, 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
- 4. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX INCHES.

DE-COMPACTION. ONCE COMPLETED THE CONTRACTOR MAY INSTALL THE LIMITED ACCESS.

- 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; <u>WWW.MIRAFI.COM</u>

## **GEOWEB MATERIAL NOTES:**

- 1. THE GEOWEB PRODUCT IS INTENDED TO LIMIT SHIFTING STONE MATERIAL DURING USE
- 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 3. 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 QUAUTY, 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.
- 5. GEOWEB SYSTEM SHALL BE PRESTO GEOSYSTEM GEOWEB OR APPROVED EQUAL. GEOWEB SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS
- 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

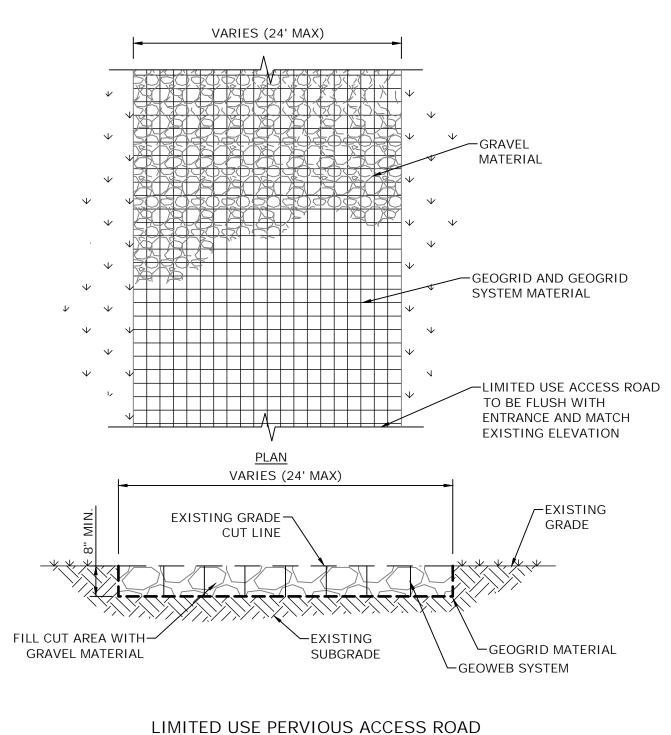
# WOVEN GEOTEXTILE MATERIAL NOTES

- 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 SPECIFIED 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 160N; 365 SOUTH

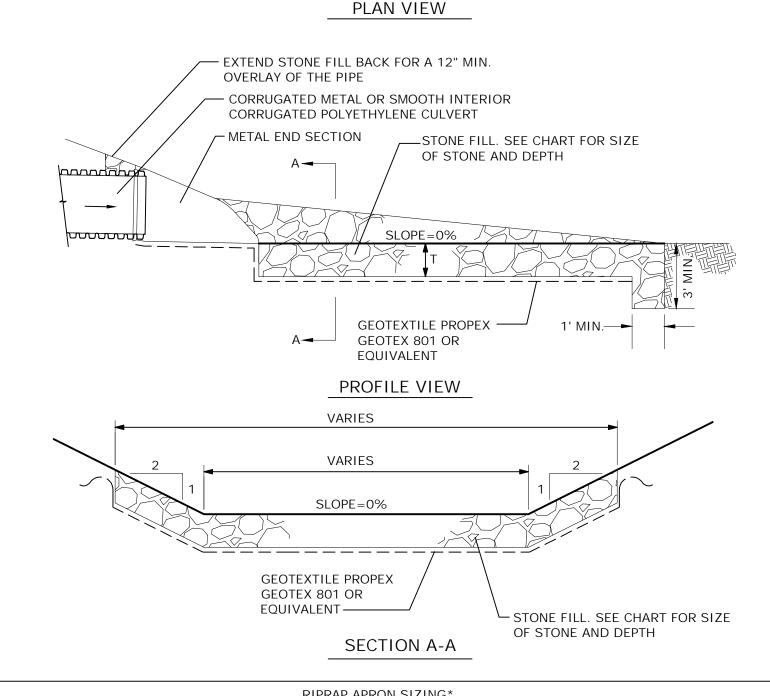
HOLLAND DRIVE, PENDERGRASS, GA; B00-685-9990 OR 706-693-2226

WWW.MIRAFI.COM



STONE FILL. SEE CHART FOR SIZE OF STONE AND DEPTH

Α-



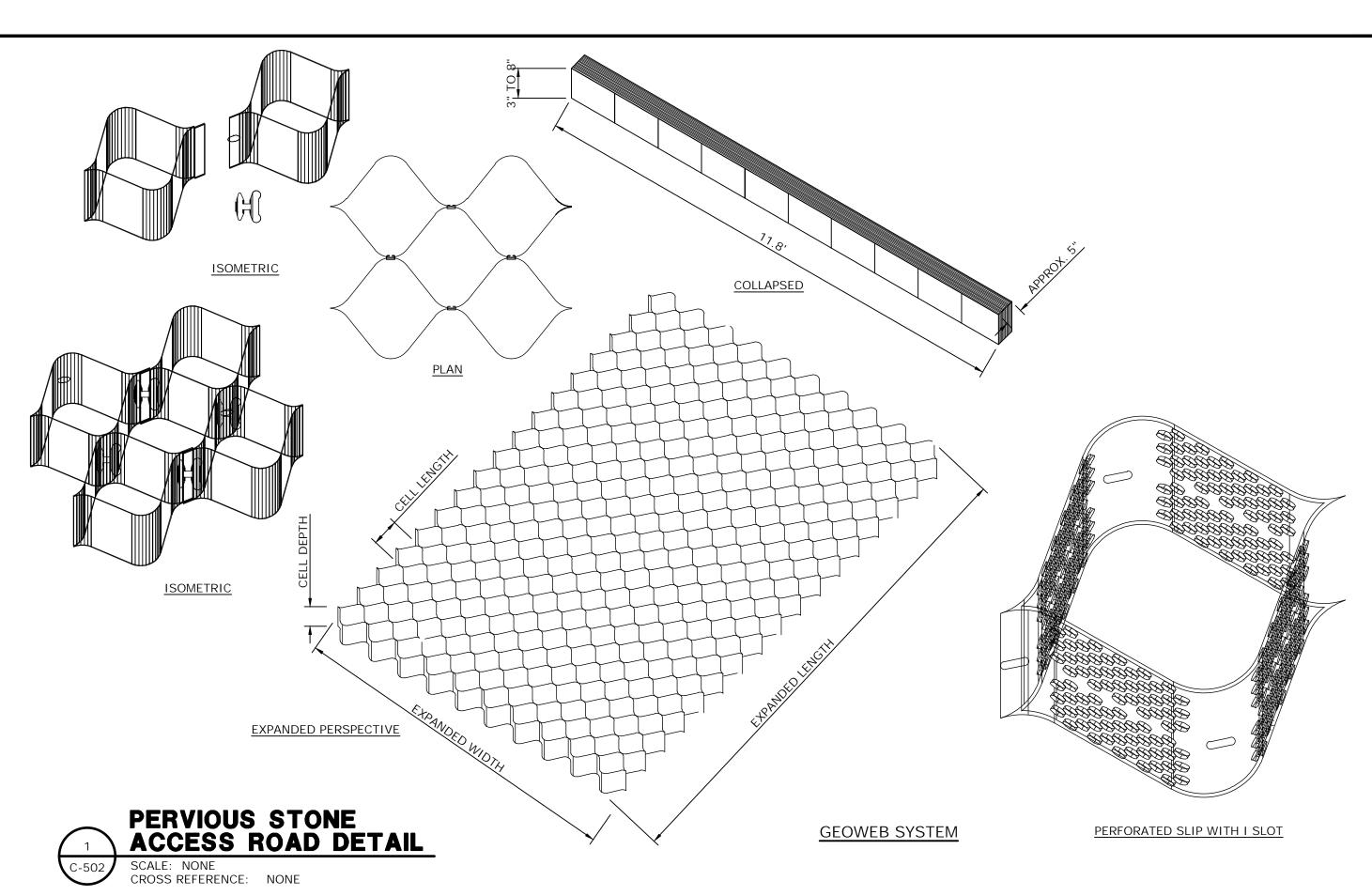
		RIPR.	AP APRON SIZING*		
PIPE SIZE [d] (IN.)	PIPE SLOPE	STONE DIMENSION [d50] (IN.)	NYSDOT STANDARD STONE FILLING	APRON THICKNESS [T] (IN.)	APRON LENGTH [La] (FT.)
	0-2%	6	LIGHT	18	14
18	2-5%	9	MEDIUM	24	20
	5-10%	12	MEDIUM	30	24
	0-1%	6	MEDIUM	24	14
24	1-2%	9	MEDIUM	24	20
	2-5	12	MEDIUM	30	26

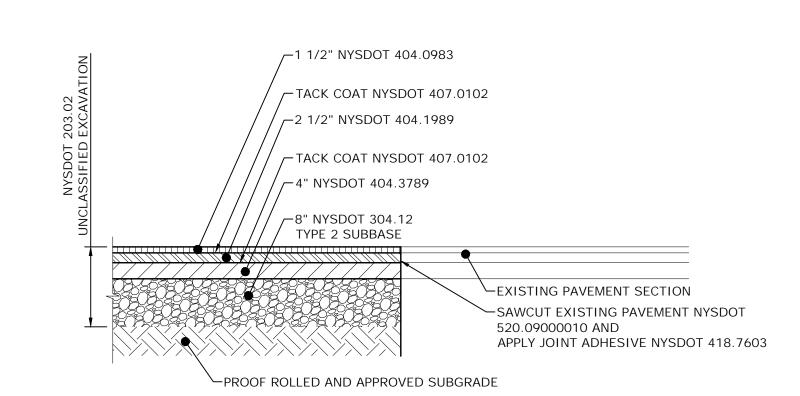
\*THE ABOVE TABLE IS BASED ON: NYSDEC "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" -FIGURE 3.16 OUTLET PROTECTION DESIGN - MINIMUM TAILWATER CONDITION (DESIGN OF OUTLET PROTECTION FOR A ROUND PIPE FLOWING FULL, MINIMUM TAILWATER CONDITION: Tw < 0.5Do) (USDA-NRCS)

1. APRON DIMENSIONS ARE BASED ON PIPES FLOWING FULL; USING ACTUAL FLOWS MAY RESULT IN DIFFERENT

2. MINIMUM THICKNESS OF THE RIPRAP LAYER SHALL BE 1.5 TIMES THE MAXIMUM STONE DIAMETER FOR d50 OF 15 INCHES OR LESS; AND 1.2 TIMES THE MAXIMUM STONE SIZE FOR d50 GREATER THAN 15 INCHES.

> **PROCK PROTECTION OUTLET** CROSS REFERENCE: NONE



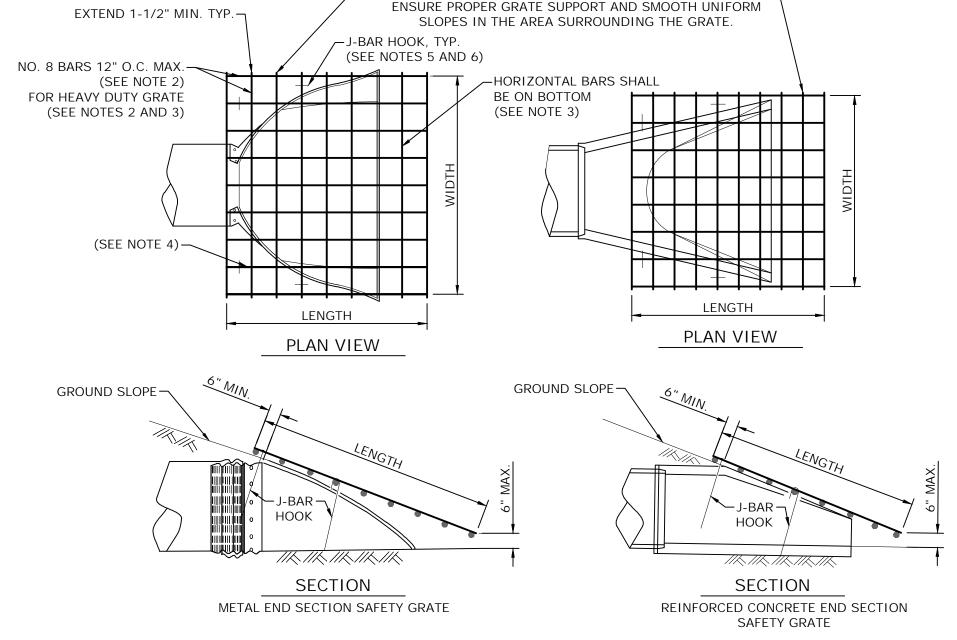


# FULL DEPTH PAVEMENT SECTION

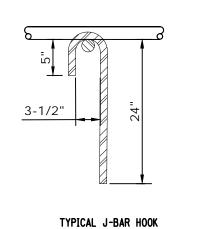
SCALE: NONE CROSS REFERENCE: NONE

THE GRATE SHALL LAY FLAT ON EACH SIDE AND AT THE  $\neg$ TOP OF THE EMBANKMENT SLOPE AND OVERLAP AT THE

OPENING EVENLY, SHAPE AND GRADE FINAL SLOPE TO



- 1. CORRUGATED POLYETHYLENE PIPES UTILIZE METAL END SECTIONS WHICH ARE ONE STANDARD PIPE DIAMETER LARGER THAN CORRUGATED STEEL PIPE. THEREFORE, A SAFETY GRATE FOR A 36" DIA. CORRUGATED POLYETHYLENE PIPE WOULD HAVE DIMENSIONS OF 10'-0" X 7'-0".
- BARS SHALL BE GRADE 60, FULL LENGTH, WITH NO SPLICES OR BUTT WELDS. VERTICAL BARS SHALL BE ON TOP.
- 3. THE HORIZONTAL BARS SHALL BE NO. 11 FOR THE HEAVY-DUTY GRATES.
- 4. BARS SHALL BE WELDED AT EACH INTERSECTION WITH 4 TACK WELDS OR A DOUBLE FLARE BEVEL GROOVE WELD, AT THE CONTRACTOR'S OPTION. WELDING SHALL MEET THE REQUIREMENTS OF THE NYS STEEL CONSTRUCTION MANUAL, EXCEPT THAT RADIOGRAPHIC INSPECTION WILL NOT BE REQUIRED.
- J-BAR HOOKS SHALL BE NO. 6 BAR, OR NO. 4 GALVANIZED IN ACCORDANCE WITH §719-01.



NYSDOT STANDARD TRASH RACK DETAIL SCALE: NONE CROSS REFERENCE: NONE

OWEN KIETH SPEULSTRA REVISIONS RECORD/DESCRIPTION P.E. NO. 104125 DITION TO THIS DOCUMENT IS SITE DETAILS ATION OF THE NEW YORK STA EDUCATION LAW. © 2025 MOREAU COMMUNITY SOLAR PROJECT C.T. MALE ASSOCIATES DESIGNED: MLS SARATOGA COUNTY, NEW YORK DRAFTED : DCP TOWN OF MOREAU CHECKED : OKS C.T. MALE ASSOCIATES PROJ. NO: 24.5097 Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400 SCALE: AS NOTED GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY DWG. NO: 24-0607 DATE: FEB. 04, 2025

- 1. USE NYSDOT #2 STONE, RECLAIMED, OR RECYCLED CONCRETE OR APPROVED EQUAL.
- 2. THE LENGTH SHALL NOT BE LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. CRUSHED STONE SHALL BE MAINTAINED AT A MINIMUM OF 6" IN DEPTH.
- 4. ENTRANCE SHALL HAVE A 12 FOOT MINIMUM WIDTH, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. ENTRANCE SHALL BE AT LEAST 24 FEET WIDE IF SINGLE ENTRANCE TO SITE.
- 5. GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACING OF
- 6. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS NOT PRACTICAL, A MOUNTABLE BERM WITH 1:5 SLOPES WILL BE PERMITTED.
- 7. 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
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



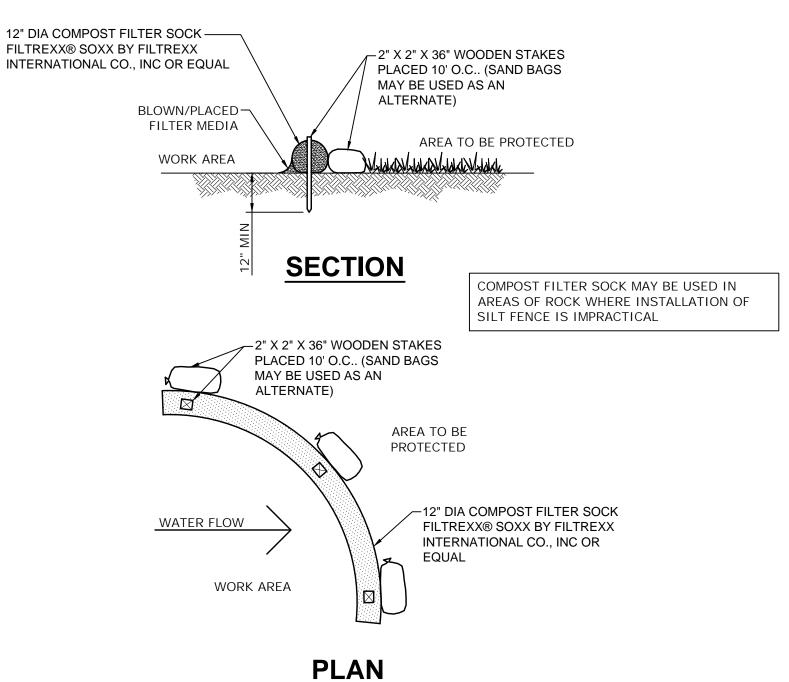
RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.

## SEEDING AND MULCHING NOTES:

- 1. TEMPORARY STABILIZATION MEASURES SHALL START AS SOON AS PRACTICAL ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT NOT MORE THAN (7) DAYS AFTER WORK HAS CEASED. ACCEPTABLE TEMPORARY STABILIZATION MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO SEEDING, MULCH, STRAW, EROSION CONTROL BLANKETS, SOIL STABILIZING EMULSION PRODUCTS, OR SOME FUNCTIONALLY EQUIVALENT MEASURE. TEMPORARY SEEDING SHALL BE ANNUAL RYE GRASS, APPLIED AT A RATE OF 30 LBS./ACRE.
- FILL GRADE BEING FINALIZED TO AVOID POSSIBLE CONTAMINATION OF PONDS, STREAMS, OR OTHER WATERCOURSES. PLACEMENT OF JUTE MESH OR EROSION CONTROL BLANKETS OVER THE MULCH IS RECOMMENDED TO PROVIDE POSITIVE "TACKING" OF THE MULCH AND INCREASED PROTECTION AGAINST
- CONTROL MEASURE ON ALL SLOPES STEEPER THAN OR EQUAL 1V: 3H AND AS INDICATED ON THE PLANS.
- AREAS) SHALL BE RESTORED IN ACCORDANCE WITH THE MEASURES IDENTIFIED IN THE JANUARY 2015, NYSDEC STORM WATER MANAGEMENT DESIGN MANUAL, SECTION 5.1.6 "SOIL RESTORATION".
- 6. SEEDBED SHALL BE PREPARED BY LOOSENING THE TOPSOIL TO A DEPTH OF 4 TO 6 INCHES, AND LIMING TO A
- 7. MULCH OVER PREEMINENT SEED AREAS SHALL CONSIST OF SMALL GRAIN STRAW APPLIED AT A RATE OF 2 TONS PER ACRE AND ANCHORED WITH WOOD FIBER HYDROMULCH APPLIED AT A RATE OF 500 TO 750 POUNDS PER ACRE. THE WOOD FIBER MULCH SHALL BE APPLIED THROUGH A HYDROSEEDER IMMEDIATELY

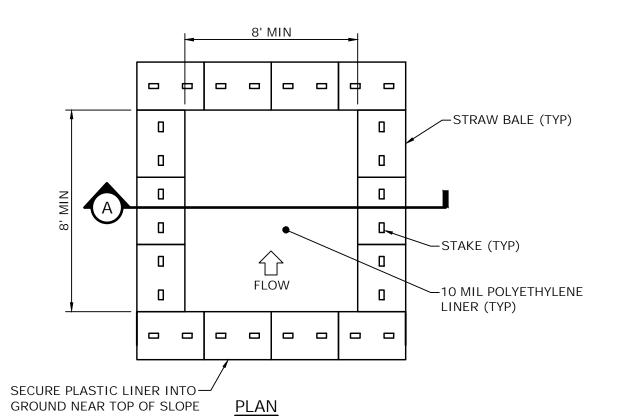
# TEMPORARY SEEDING AND MULCHING NOTES:

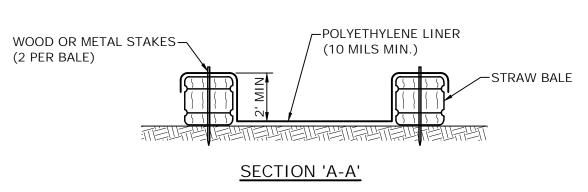
- 1. TEMPORARY STABILIZATION MEASURES SHALL START AS SOON AS PRACTICAL ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT NOT STABILIZING EMULSION PRODUCTS, OR SOME FUNCTIONALLY EQUIVALENT MEASURE. TEMPORARY SEEDING SHALL BE ANNUAL RYE GRASS, APPLIED AT A RATE OF 30 LBS./ACRE.
- 2. AREAS TO RECEIVE TEMPORARY SEEDING AND MULCHING SHALL RECEIVE BOTH GRASS SEED AND MULCH, AS DESCRIBED BELOW.
- 3. SEED MIX TO BE LOW GROWING WILDFLOWER AND GRASS MIX ERNMX#611 OR APPROVED EQUAL.
- 4. MULCH SHALL CONSIST OF STRAW APPLIED AT A RATE OF 2 TONS PER ACRE OR WOOD CHIPS (MIN. 3" DEEP). (A WOOD FIBER HYDROMULCH OR OTHER APPROVED SPRAYABLE PRODUCT MAY BE SUBSTITUTED, IF APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.)



- 1. FILL COMPOST FILTER SOCK WITH FILTER MEDIA APPROVED BY NYSDEC FOR THIS APPLICATION.
- 2. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE









10' MAX CTR TO CTR

PERSPECTIVE VIEW

**STANDARD SILT FENCE** 

3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY

5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN

THE SILT FENCE HEIGHT, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN

6. PREFABRICATED UNITS SHALL BE MIRAFI SILT FENCE, MIRAFI ENVIROFENCE OR APPROVED

"BULGES" DEVELOP IN THE SILT FENCE. WHEN THE ACCUMULATED SEDIMENT REACHES 30% OF

CROSS REFERENCE: NONE

1. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.

2. FILTER CLOTH SHALL BE FASTENED SECURELY TO POSTS.

4. FILTER CLOTH SHALL BE MIRAFI 100X OR APPROVED EQUAL.

FILTER CLOTH—— (GEOTEXTILE FABRIC)

EMBED FILTER CLOTH —

MIN 6" INTO GROUND

REPLACE EXISTING—

SOIL AND COMPACT

6", FOLDED AND STAPLED.

APPROPRIATE UPLAND AREA.

-36" MIN. LENGTH FENCE

POSTS DRIVEN MIN. 16"

INTO GROUND

18" MIN.

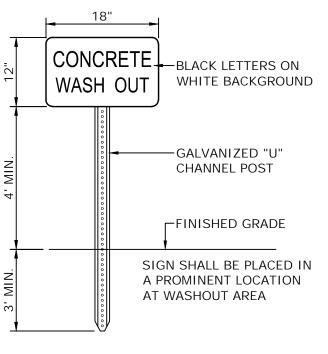
6"MIN

-UNDISTURBED

GROUND

-36" MIN. FENCE POST

- HEIGHT OF FILTER



## WASHOUT SIGN

CONTAINMENT MUST BE STRUCTURALLY SOUND AND LEAK FREE AND CONTAIN ALL LIQUID WASTES.

CONTAINMENT DEVICES MUST BE OF SUFFICIENT QUANTITY OR VOLUME TO

COMPLETELY CONTAIN THE LIQUID WASTES GENERATED.

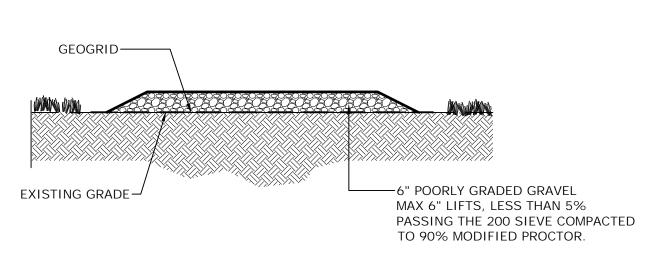
WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.

WASHOUT AREA(S) SHALL BE INSTALLED IN A LOCATION EASILY ACCESSIBLE BY CONCRETE TRUCKS.

ONE OR MORE AREAS MAY BE INSTALLED ON THE CONSTRUCTION SITE AND MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.

AT LEAST WEEKLY REMOVE ACCUMULATION OF SAND AND AGGREGATE AND DISPOSE OF PROPERLY.

SIGN SHALL BE PLACED IN A PROMINENT LOCATION AT WASHOUT AREA



## NOTES:

- 1. PLACED ON EXISTING UNDISTURBED GRADE. SOIL DISTURBANCE SHALL BE LIMITED TO THE AREAS INDICATED ON THE SITE PLAN.
- 2. GRASS AND VEGETATION SHALL BE MOWED TO MAXIMUM HEIGHT OF 1" PRIOR TO PLACING GEOGRID.
- 3. UPON COMPLETION OF CONSTRUCTION ACTIVITY APPLY 3" THICKNESS OF TOPSOIL ON POORLY GRADED GRAVEL WHERE SHOWN AND APPLY GRASS SEED



CROSS REFERENCE: NONE

### NORTHEAST SOLAR POLLINATOR 4' MIX GRASSES & GRASS-LIKE SPECIES MIX - ERNMX#611 (OR APPROVED EQUAL) SEEDING RATE: 15 LB PER ACRE BROADCAST OR 10 LB PER ACRE DRILLED WITH A COVER CROP OF GRAIN RYE AT 30 LB PER ACRE COMMON NAME % OF MIX BOUTELOUA CURTIPENDULA, BUTTE SIDEOATS GRAMA, BUTTE 35% LITTLE BLUESTEM, 'CAMPER' SCHIZACHYRIUM SCOPARIUM, 'CAMPER' 35% AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE 10% ASCLEPIAS TUBEROSA BUTTERFLY MILKWEED 4% 4% CHAMAECRISTA FASCICULATA, PA ECOTYPE PARTRIDGE PEA, PA ECOTYPE LANCELEAF COREOPSIS 4% COREOPSIS LANCEOLATA 4% BLACKEYED SUSAN RUDBECKIA HIRTA 0.9% PYCNANTHEMUM TENUIFOLIUM NARROWLEAF MOUNTAINMINT ASTER OBLONGIFOLIUS, PA ECOTYPE AROMATIC ASTER, PA ECOTYPE 0.7% ASTER PRENANTHOIDES, PA ECOTYPE ZIGZAG ASTER, PA ECOTYPE 0.5% PENSTEMON DIGITALIS TALL WHITE BEARDTONGUE 0.5% TRADESCANTIA OHIENSIS, PA ECOTYPE OHIO SPIDERWORT, PA ECOTYPE 0.5% GOLDEN ALEXANDERS 0.5% OENOTHERA FRUTICOSA VAR FRUTICOSA 0.3% SUNDROPS GRAY GOLDENROD, PA ECOTYPE 0.1% SOLIDAGO NEMORALIS, PA ECOTYPE COMPANY INFORMATION ERNST CONSERVATION SEEDS, INC. ADDRESS: 8884 MERCER PIKE, MEADVILLE, PA 16335 PHONE: (800) 873-3321 WEB: HTTP://WWW.ERNSTSEED.COM



OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE	REVISIONS	RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A		_	_
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		<u> </u>					C.T. MALE ASSOCIATES  DESIGNED: MLS	MOREAU COMMUNITY SOLA	IR PROJECT	
		<u>\$</u>					DRAFTED : DCP	TOWN OF MOREAU	SARATO	OGA COUNTY, NEW YORK
							CHECKED : OKS	C.T. MALE ASSOCIATES		C-503
		$\triangle$					PROJ. NO: 24.5097	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.		<u>6-503</u>
		$\triangle$					SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400		SHEET 15 OF 18
			·				DATE: FEB. 04, 2025	GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY	www.ctmale.com	DWG. NO: 24-0607

TEMPORARY EROSION CONTROL PROTECTION BY MULCHING SHALL BE CARRIED OUT WITHIN (7) DAYS OF THE

PERMANENT SEEDING AND MULCH SHALL BE APPLIED AS SOON AS THE DISTURBED AREAS HAVE ACHIEVED FINAL GRADE. IF THE SPECIFIED SEEDING DATES ARE MISSED, MULCH SHALL BE APPLIED TO THE SLOPE AND SEED SHALL BE APPLIED TO THE TOP OF THE MULCH IN THE NEXT SEEDING SEASON AFTER RECONDITIONING THE TOPSOIL. WHEN THE FINAL GRADE CANNOT BE OBTAINED IN (7) DAYS, MULCH SHALL BE APPLIED FOR PURPOSES OF TEMPORARY EROSION CONTROL.

4. EROSION CONTROL BLANKETS OR SOIL STABILIZING EMULSION PRODUCTS SERVE AS A TEMPORARY EROSION

5. THE UNDERLYING SOIL IN AREAS THAT WILL BE PERMANENTLY PERVIOUS (LAWN, GRASS AND LANDSCAPED

PH OF 6.5. FERTILIZER SHALL BE APPLIED IF NECESSARY.

AFTER SEEDING

8. SEED MIXTURE:

A. LOW GROWING WILDFLOWER AND GRASS MIX - ERNMX#611 OR APPROVED EQUAL. B. AS PER SEED MIX DETAIL,

MORE THAN (7) DAYS AFTER WORK HAS CEASED. ACCEPTABLE TEMPORARY STABILIZATION MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO SEEDING MULCH, STRAW, EROSION CONTROL BLANKETS, SOIL

5. A JUTE MESH SHALL BE PLACED OVER THE MULCH IN AREAS WHERE WIND OR WATER EROSION PREVENTS ESTABLISHMENT OF GRASS COVER.

1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.

WAYNE CO. - GREG TROST (585) 396-4959

- 2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- 3. MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
- 4. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER. ON A NYSDOT CONSTRUCTION PROJECT, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.
- NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE NUMBER, AS NOTED BELOW, FIVE (5) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

GENESEE CO. - DAN STAHLEY (585) 343-0502

MONROE CO. - WEST OF GENESEE RIVER
DARRELL FAZIO (585) 352-3471

ONTARIO CO. - GREG TROST (585) 396-4959

ORLEA

LIVINGSTON CO. - ADAM KISIAH (585) 346-3036

MONROE CO.- EAST OF GENESEE RIVER ERICK WILLIAMS (585) 586-4514

ORLEANS CO.- BILL CROW (585) 589-6655

WYOMING CO.- DARREN HARVILL (585) 786-3310

IN ADDITION, THE PERMITTEE SHALL NOTIFY NYSDOT REGIONAL TRAFFIC OPERATIONS CENTER (RTOC) OF ALL LANE AND SHOULDER CLOSURES AT LEAST THREE (3) DAYS IN ADVANCE OF THE PROPOSED WORK UTILIZING RTOC'S CONSTRUCTION NOTIFICATION FORM.

PROPOSED CLOSURES WILL BE REVIEWED FOR CONCURRENT AND OVERLAPPING CLOSURE OR INCIDENT CONFLICTS AND WILL BE ENTERED INTO 511NY.ORG. CLOSURES INCLUDED IN THE NOTIFICATION SHALL CONFORM TO TIME, DATE, AND LOCATION RESTRICTIONS IN THE PERMIT. RTOC MAY DISALLOW OR REDUCE CLOSURES DUE TO OTHER CLOSURES OR WORK, EVENTS, OR INCIDENTS FOUND IN CONFLICT WITH THE PROPOSED CLOSURE(S). ALL LANE AND SHOULDER CLOSURES SHALL BE REMOVED DURING NON-WORKING HOURS, EXCEPT WHERE AUTHORIZED BY THE NYSDOT REGIONAL TRAFFIC ENGINEER OR DESIGNEE.

- 6. NOTIFY THE NYSDOT TRAFFIC SIGNAL MAINTENANCE ENGINEER AT (585) 753-7793 5 DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 811 FOR A UTILITY STAKE-OUT.
- 7. WORK ZONE TRAFFIC CONTROL STANDARD SHEETS NOT INCLUDED IN THE PERMIT PACKAGE SHALL NOT BE UTILIZED UNLESS APPROVED BY THE REGIONAL TRAFFIC ENGINEER.
- 8. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION'S STANDARD SHEETS.
- 9. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.
- 10. NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.
- 11. HAZARDOUS WASTE NOTIFICATION THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE IS REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.
- 12. ADA COMPLIANCE ALL WORK SHALL BE IN ACCORDANCE WITH THE AMERICANS DISABILITY ACT (ADA) AND THE REQUIREMENTS OF THE 2013 PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES (PROWAG). REFER TO STANDARD SHEET 608-01 FOR DETAILS
- 13. ANY DAMAGE TO ROADWAY FEATURES CAUSED DIRECTLY OR INDIRECTLY BY THE CONTRACTOR'S OPERATIONS WITHIN NYS ROW SHALL BE REPAIRED TO MEET NYSDOT STANDARDS AT THE CONTRACTOR'S EXPENSE.
- 14. NYSDOT OPERATIONS TAKE PRECEDENCE OVER HIGHWAY WORK PERMIT OPERATIONS. CONTRACTOR SHALL NOT HAVE WORK OPERATIONS IN PAVEMENT DURING INCLEMENT WEATHER CONDITIONS OR DURING SNOW AND ICE REMOVAL OPERATIONS ON STATE HIGHWAYS.

## SPECIAL NOT

TEMPORARY LANE/SHOULDER CLOSURE RESTRICTIONS FOR MAJOR HOLIDAYS

There shall be no temporary lane/shoulder closures on roadway facilities owned and/or maintained by NYSDOT on the major holidays listed below.

Construction activities that will result in temporary lane/shoulder closures shall be suspended to minimize travel delays associated with road work for major holidays

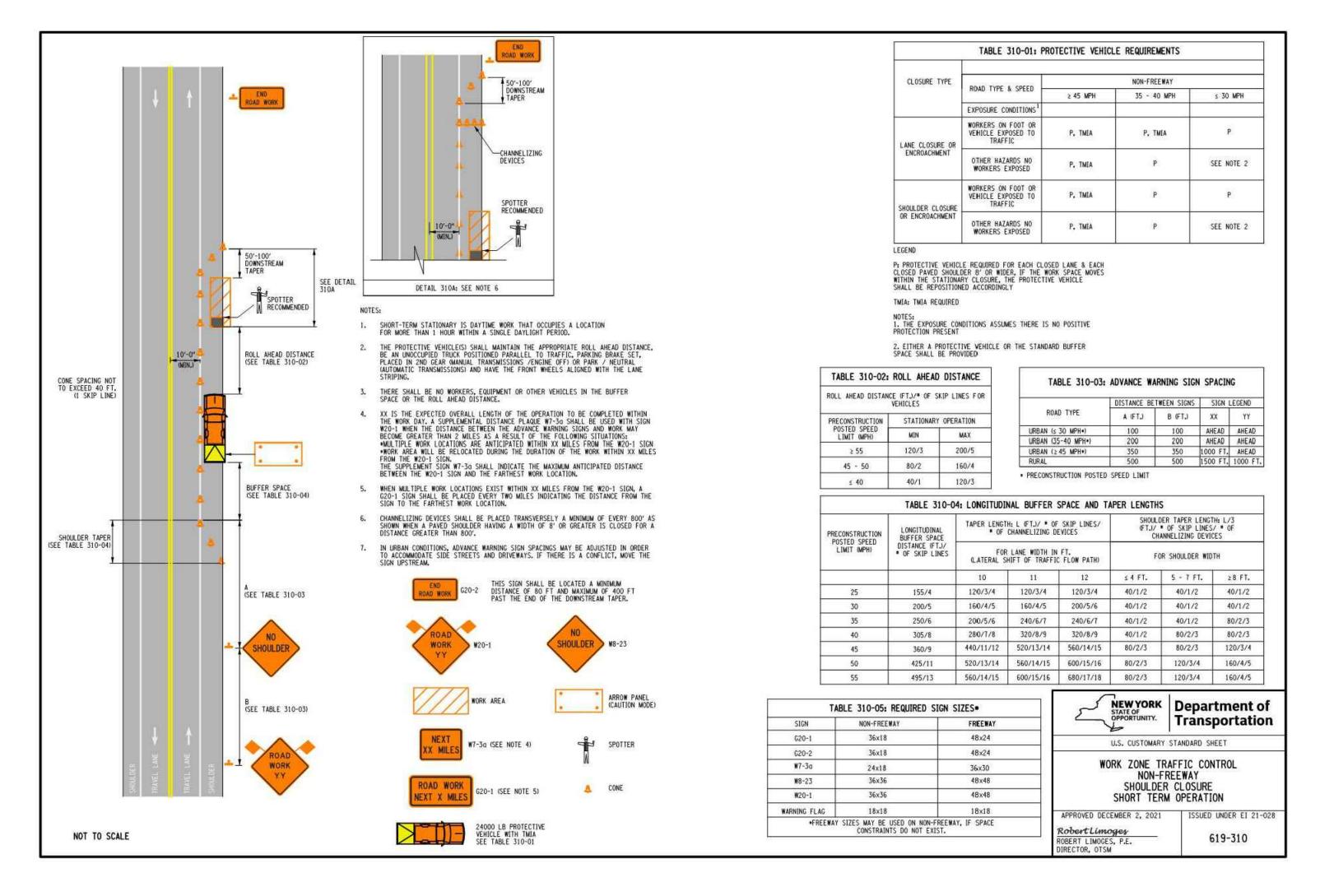
	TEMF	PORARY LANE/SHOULDER CLOSURE RESTRICTIONS FOR HOLIDAYS
HOLIDAY	FALLS ON	TEMPORARY LAND CLOSURES ARE NOT ALLOWED FROM
NEW YEAR'S DAY	SUNDAY OR MONDAY	6 AM FRIDAY BEFORE TO 6:00 AM TUESDAY AFTER
INDEPENDENCE DAY	TUESDAY	6 AM SATURDAY BEFORE TO 6:00 AM WEDNESDAY AFTER (STARTING AT 6:00 AM FRIDAY BEFORE TO 6:00 AM WEDNESDAY AFTER FOR CHRISTMAS DAY)
CHRISTMAS DAY	WEDNESDAY	6 AM TUESDAY BEFORE TO 6:00 AM THURSDAY AFTER (STARTING AT 6:00 AM SATURDAY BEFORE TO 6:00 AM THURSDAY AFTER FOR CHRISTMAS DAY)
	THURSDAY	6 AM THURSDAY BEFORE TO 6:00 AM MONDAY AFTER (STARTING AT 6:00 AM WEDNESDAY BEFORE TO 6:00 AM MONDAY AFTER FOR CHRISTMAS DAY)
	FRIDAY OR SATURDAY	6 AM THURSDAY BEFORE TO 6:00 AM MONDAY AFTER
MEMORIAL DAY LABOR DAY	MONDAY	6 AM FRIDAY BEFORE TO 6:00 AM TUESDAY AFTER
THANKSGIVING DAY	THURSDAY	6 AM WEDNESDAY BEFORE TO 6:00 AM MONDAY AFTER

# Exceptions can only be made under the following conditions:

- Emergency work.Work within long-term stationary lane/shoulder closures.
- Safety work that does not adversely impact traffic mobility and has been authorized by the Regional Traffic Engineer.

Note: The Department reserves the right to cancel any work operations, including lane closures and/or total road closures, that would create traffic delays by unforeseen events. The Contractor would be notified at least seven (7) calendar days prior to the proposed work.

WORK DURATION DEFINITIONS
LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.
INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.
SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.
MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.



SCALE: NONE
CROSS REFERENCE: NONE

GENERAL NOTES:

GENERAL:

6. MAINTENANCE:

GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY

ALL SIGN, CONES, BARRELS, BARRICADES AND CONC BARRIERS
SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE
CONTRACT PLANS AND SPECIFICATIONS OR AS DIRECTED BY THE
NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
CONTRACTOR REQUIRED TO PROVIDE SIGNAGE PLAN TO ENGINEER AND NYS DOT

2. SIGN SUPPORT:

THE CONTRACTOR SHALL SUPPLY ADEQUATE SUPPORTS SO THAT THE SIGNS ARE IN PROPER POSITION AND ALIGNMENT AS SHOWN IN THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, ALL SUPPORTS SHALL BE PAINTED WITH TWO(2) COATS OF WHITE PAINT.

3. SIGN PANELS: THE SIGN PANELS MAY BE MADE OF ALUMINUM, STEEL, OR PLYWOOD THE BACKS OF ALL WOOD SIGN PANELS SHALL RECEIVE TWO(2) COATS OF WHITE PAINT.

4. SIGN FACE:

COLOR - THE COLOR OF THE BACKGROUND AND THE LEGEND OF ALL SIGNS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE

PRIOR TO CONSTRUCTION.

MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE MARGIN SHALL BE OF THE SAME COLOR AS SPECIFIED FOR THE BACKGROUND. THE BORDER SHALL BE OF THE SAME COLOR AS THE LEGEND.

SHAPE - THE SHAPE OF ALL SIGNS SHALL BE AS SHOWN ON THIS SHEET. CORNERS OF SIGNS SHALL HAVE ROUNDED CORNERS.

REFLECTORIZATION - ALL SIGNS SHALL BE REFLECTORIZED USING HIGH INTENSITY REFLECTORIZED TAPE OR PAINT. ALL SIGNS SHALL BE CLEANED AND MAINTAINED REGULARLY. ALL SIGNS SHALL BE REVIEWED AT NIGHT AFTER ERECTION. ANY SIGNS NOT MEETING PROPER REFLECTION REQUIREMENTS WILL BE REPLACED.

LETTERING AND BORDERS - SIGN LETTERING, BORDERS AND

MARGINS SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

5. SIGN LOCATION: SIGNS SHALL BE GENERALLY

PLAINLY VISIBLE TO TRAFFIC.

WHEN THE CONTRACT WORK IS ACCEPTED.

LOCATED ON THE RIGHT SIDE OF THE HIGHWAY FACING APPROACHING TRAFFIC. THE NEAR EDGE OF THE SIGN SHALL BE BETWEEN 6 AND 12 FEET FROM NEAREST EDGE OF THE TRAVELED ROADWAY OR BETWEEN 2 AND 12 FEET FROM THE FACE OF THE VERTICAL CURB. SIGNS SHOULD GENERALLY BE PLACED AT RIGHT ANGLES TO TRAFFIC. ROADSIDE SIGNS SHOULD BE MOUNTED SO THAT THE BOTTOM OF THE SIGN IS APPROXIMATELY 5 FEET ABOVE THE EDGE OF PAVEMENT.

SIGNS MOUNTED ON BARRICADES OR TEMPORARY SIGNS IN THE ROADWAY MAY BE AT LOWER HEIGHTS. ALL SIGNS SHALL BE LOCATED SO AS TO BE

THE CONTRACTOR SHALL KEEP SIGNS CLEANED AND CLEARED AT ALL TIMES. ALL SIGNS SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE MAINTAINED IN GOOD CONDITION FOR THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE REMOVED FROM THE WORK SITE

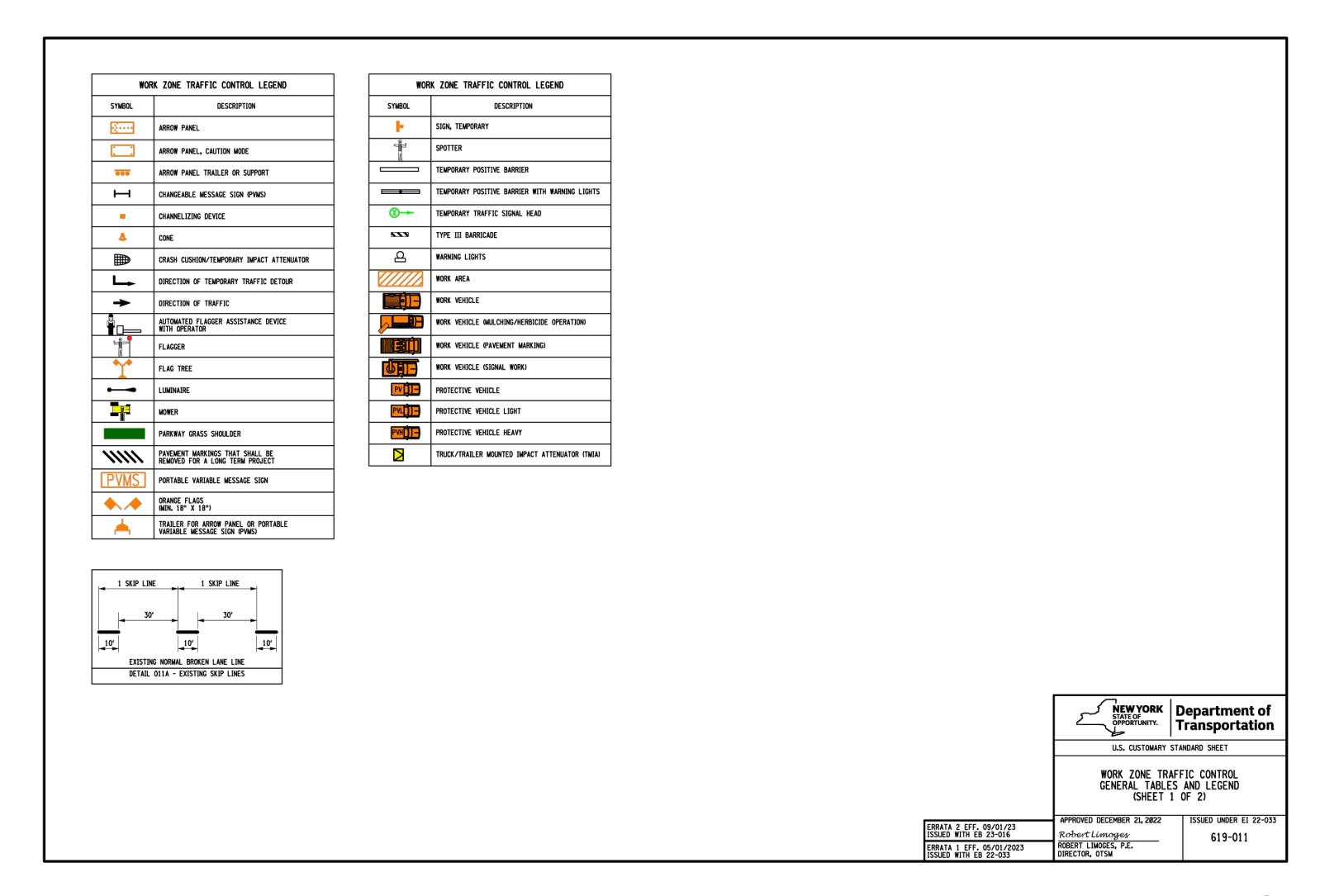
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		<u> </u>				C.T. MALE ASSOCIATES	MOREAU COMMUNITY SOLA	R PROJECT
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						SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400	SHEET 16 OF 1

CTOL:	SIGN	COLOR	NOV	F1/DF-10			SIGN	COLOR	IC CONTROL S				SIGN	CULUB		FW85555			SIGN	COLOR	MAN	Pupperson	
SIGN	DESIGNATION	CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN STATE LAW	DESIGNATION	CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	DESIGNATION		NON-FREEWAY	EXPRESSWAY	FREEWA
EXIT  ROAD WORK  EXT 5 MLES	E5-1 G20-1	C	36"X18"	72"X60" 48"X24"	72"X60" 48"X24"	LICENSE SUSPENDED AFTER TWO WORK ZONE SPEEDING TICKETS	NYR9-11	В	24"X42"	48"X84"	48"X84"	ROAD CLOSED BRIDGE CLOSED	R11-2	В	48"X30"	48"X30"	48"X30"	SLOW TRAFFIC AHEAD	NYW23-1	A	36"X36"	48"X48"	48"X48
END.	G20-2	Α	36"X18"	48"X24"	48"X24"	STATE LAW						BRIDGE	R11-2 (MOD.)					WORK					
PLOT CAR	G20-4	Α	36"X18"			DOUBLED FOR Speeding In Work Zones	NYR9-12	В	24"X36"	36"X54"	48"X72"	ROAD CLOSED		_	COUNTOU	5007700		ZONE	G20-5aP	6F.12	24"X18"	36"X24"	36"X2
WORK	G20-5aP	A	24"X18"	36"X24"	36"X24"	RUMBLE						XX MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a	В	60"X30"	60"X30"		EXIT					
22	M1-1	G	1 OR 2 DIGITS 24"X24"	36"X36"	36"X36"	STRIPS	NYW4-17	A	36"X36"	48"X48"	48"X48"							OPEN	E5-2	6F.28	48"X36"	48"X36"	48"X
			3 DIGITS			WET	NYW8-30	A	48"X24"	48"X24"	48"X24"		W1-4L W1-4R	A	36"X36"	48"X48"	48"X48"	EXIT					
95	M1-1†	G	30"X24"	45"X36"	45"X36"	STAY IN LANE	NYW8-31	A	48"X24"	48"X24"	48"X24"							CLOSED	E5-2a	6F.28	48"X36"	48"X36"	48"X
XX	M1-4	В	1 OR 2 DIGITS 24"X24"	36"X36"	36"X36"	DO NOT PASS	NYW8-32	A	48"X24"	48"X24"	48"X24"	35	Wa at I										
XX	M1-4†	В	3 DIGITS 30"X24"	45"X36"	45"X36"	LANE CLOSED	NYW8-33	A .	48"X24"	48"X24"	48"X24"	33	W1-4bL W1-4bR	Α .	36"X36"	48"X48"	48"X48"						
ORTH	M3-1		30 724			STOP	R1-1	D	36"X36"	36"X36"	48"X48"												
AST	M3-2	SEE NOTE 3	24"X12"	36"X18"	36"X18"	YELD	R1-2	E	36"X36"X36"	48"X48"X48"	60"X60"X60"	222								COLO	R CODE LEGE	END	
OUTH VEST	M3-3 M3-4					SPEED LIMIT XX	R2-1	В	24"X30" OR 30"X36"	36"X48"	36"X48"	***	W1-4cL W1-4cR	Α	36"X36"	48"X48"	48"X48"		co	ODE	DESCRIP	TION	
TOUR	M4-8	A	24"X12"	36"X18"	36"X18"	END	1		(SEE NOTE 5)											A	BLACK LEGEND ON AN ORANGE		
END TOUR	M4-8a	A	24"X18"	24"X18"	24"X18"	HIGHER FINES ZONE	R2-11	В	24"X30"	36"X48"	36"X48"	<b>—</b>	W1-6L	А						В	BLACK LEGEND ON A WHITE BA		
TOUR	M4-9					END WORK ZONE SPEED	R2-12	В	24"X36"	36"X54"	36"X54"		W1-6R		48"X24"	60"X30"	60"X30"		(	С	WHITE LEGEND ON A GREEN B	AND BORDER ACKGROUND	
DETOUR	M4-9L M4-9R	A	30"X24"	48"X36"	48"X36"	DO							#1-01/	Α						D	WHITE LEGEND ON A RED BACK		
₹ À						PASS	R4-1	В	24"X30" 24"X30"	36"X48" 36"X48"	36"X48" 36"X48"		W1-8L	(NO BORDER)	18"X24"	30"X36"	30"X36"			E	RED LEGEND AN		
to A	M4-9a	A	30"X24"	30"X24"		<b>"7</b>	R4-7c NARROW	В	18"X30"				W1-8R	(NO BORDER)	10 %2.	30 X30	oo noo			F	BLACK LEGEND ON A FLOURES	AND BORDER	
TOUR						\ <b>₹</b> ▼	R4-8 R4-8c	В	24"X30" 18"X30"	36"X48"	36"X48"			.4						G	WHITE LEGEND	AND BORDER	
TOUR	M4-9b	A	30"X24"	30"X24"		STAY IN LANE	NARROW R4-9	В	24"X30"	36"X48"	36"X48"		W3-1	A <sup>4</sup>	36"X36"	48"X48"	48"X48"				ON A BLUE ANI BACKGROUND	D RED	
Ø TOUR						DO NOT ENTER	R5-1	E	36"X36"	36"X36"	48"X48"		W3-2	A <sup>4</sup>	36"X36"	48"X48"	48"X48"	NOTES					
ØFÒ TOUR	M4-9c	A	30"X24"	30"X24"		R	R8-3	Е	24"X24"	36"X36"	48"X48"		W3-3	A <sup>4</sup>	36"X36"	48"X48"	48"X48"		IMENSIONS ARE		WIDTH X HEIGH	T. S REFER TO THE	MUTCD
ETOUR	M4-10L					PEDESTRIAN CROSSWALK	R9-8	В	36"X18"	36"X18"				, n		15 11.15						TURN ARROWS, AI	
OUR	M4-10R	A	48"X18"	48"X18"	48"X18"	SIDEWALK	R9-9	В	24"X12"	24"X12"		BE PREPARED	W3-4		700070	4000450	40	SI	IGN THAT THEY	Y SUPPLEME	ENT AS PER THE	M.U.T.C.D. VITH BLACK LEGEN	
	M5-1	SEE NOTE 3	21"X15"	30"X21"	30"X21"	SIDEWALK CLOSED USE OTHER SIDE	R9-10	В	24"X12"	24"X12"		TO STOP	113 T	A	36"X36"	48"X48"	48"X48"	BO	ORDER ON AN (	ORANGE BA	CKGROUND.		
7	M5-2	SEE NOTE 3	21"X15"	30"X21"	30"X21"	SIDEWALK CLOSED	-						W3-5		300/300	40,001	40.004.00				MENSIONS SHALL NVENTIONAL ROAD	BE USED WHEN S	JIGN FACES
	M6-1					USE OTHER SIDE	R9-10L R9-10R	В	24"X12"	24"X12"		55	W7-0	A <sup>4</sup>	36"X36"	48"X48"	48"X48"			√ NI	EW YORK	Departn	nent :
<u> </u>	M6-2 M6-3	SEE NOTE 3	21"X15"	30"X21"	30"X21"	USE OTHER SIDE  SIDEWALK CLOSED AHEAD							W4-1L						2	STZ	ATE OF PORTUNITY.	Transpo	rtati
<u>T</u>	M6-4					CROSS HERE	R9-11L R9-11R	В	24"X18"	24"X18"			W4-1R	^	36"X36"	48"X48"	48"X48"			U.S		TANDARD SHEET	
XX	NYM3-1	В	24"X24"	36"X36"	36"X36"	SIDEWALK CLOSED AMERD CROSS HERE  SIDEWALK CLOSED	+													WORK	ZONE TRA	FFIC CONTR	01
XX	NYM3-2	В	30"X24"	45"X36"	45"X36"	CROSS HERE SIDEWALK CLOSED CROSS HERE	R9-11 aL R9-11 aR	В	24"X12"	24"X12"			W4-2L W4-2R	A	36"X36"	48"X48"	48"X48"			HOIM	SIGN T (SHEET 1	ABLE	
XXA	NYM3-3	В	30"X24"	45"X36"	45"X36"		1						#4-5K						ADDDOVE	ח הכיבויי			NED ET 24
AAA	HIMU-3		JU AZ4"	ייסנע ניד	13 V20	STOP MERIE ON RED	R10-6	В	24"X36"	24"X36"				L	I				Ι.	Limoge	BER 2, 2021	ISSUED UND	)-012

							TABLE	011-01: PRO	TECTIVE VEH	CLE REQ	UIREMENTS <sup>A,B</sup>											
	DURATION	мо	BILE OPERAT	TION AND STOP 8	& G0		SHORT DURATION	PERATION		SHORT T	TERM OPERATION		I	NTERMEDIAT	E TERM OPERATION	)N		LONG TER	M OPERATION			
OLOCUPE TYPE		FREEWAY		NON-FREEWAY	, ————————————————————————————————————	FREEWAY	NON	FREEWAY	FREEWAY		NON-FREEWAY		FREEWAY		NON-FREEWAY		FREEWAY		NON-FREEWAY			
CLOSURE TYPE	ROAD TYPE & SPEED		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH	1	≥ 45 MPH 35 -	40 MPH ≤ 30	MPH	≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		
	EXPOSURE CONDITIONS (SEE NOTE 1)																					
	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PVH+TMIA	PVH+TMIA	PVL+TMIA	PVL	PVH+TMIA	PVH+TMIA PV	+TMIA P	VL PVH+TMIA	PVH+TMIA	A PVL+TMIA	PVL	PVH+TMIA	PVH+TMIA	PVL+TMIA	SEE NOTE 2	PVH+TMIA	PVH+TMIA	PVL+TMIA	SEE NOTE 2		
ANE CLOSURE OR ENCROACHMENT	-NO WORKERS ON FOOT -NO WORK VEHICLE EXPOSED TO TRAFFIC -OTHER HAZARDS EXPOSED (IE EQUIPMENT, MATERIALS					PVH+TMIA	PVH+TMIA	VL PI	L PVH+TMIA	PVH+TMIA	PVL	SEE NOTE 2	PVH+TMIA	PVH+TMIA	SEE NOTE 2	SEE NOTE 2	PVH+TMIA	PVH+TMIA	SEE NOTE 2	SEE NOTE 2		
OUI DED CLOCUDE	WORKERS ON FOOT OR WORK VEHICLE EXPOSED		PVH+TMIA	PVL+TMIA	PVL	PVH+TMIA	PVH+TMIA	PVL P	VL PVH+TMIA	PVH+TMIA	A PVL	PVL	PVH+TMIA	PVH+TMIA	SEE NOTE 2	SEE NOTE 2	PVH+TMIA	PVH+TMIA	SEE NOTE 2	SEE NOTE 2		
OULDER CLOSURE Encroachment						PVH+TMIA	PVH+TMIA	VL P\	L PVH+TMIA	PVH+TMIA	PVL	SEE NOTE 2	PVH+TMIA	SEE NOTE 3	SEE NOTE 2	SEE NOTE 2	PVH+TMIA	SEE NOTE 3	SEE NOTE 2	SEE NOTE 2		
IA - TRUCK/TRAI THESE PROTECTI ANDARD BUFFER THESE PROTECTI IICLES WITH APP	VEHICLE HEAVY (MINIMUM G ILER MOUNTED IMPACT ATTE IVE VEHICLE REQUIREMENTS SPACE SHALL BE PROVIDED IVE VEHICLE REQUIREMENTS PROPRIATE ROLL AHEAD DIS' E DOT ENGINEER AND THEIR	NUATOR  ARE NOT APP FOR THESE (  ARE NOT APP FANCE MAY B	LICABLE TO PERATIONS	D PAVING AND MI IN ACCORDANCE D FLAGGING OPER	ILLING OPERA WITH TABLE RATIONS. PRO	011-03. TECTIVE					3. EITHER A 4. TRUCK/TF VEHICLE 5. THE USE	PROTECTIVE MAILER MOUN WEIGHT (GVW	E VEHICLE H TED IMPACT D LESS THAN	EAVY (PVH) ATTENUATO N WHAT IS I	STANDARD BUFFER OR THE STANDAR ORS (TMIA) SHALL MINIMALLY REQUI IPVL) AS A SHADO LESS OTHERWISE	D BUFFER S NOT BE MOI RED BY THE W VEHICLE	PACE (SEE 1 INTED/INSTA MANUFACTUI	ABLE 011-0 LLED ON VEI RER OF THE TO NON-FREE	3) SHALL BE PRO HICLES WITH A G TMIA.	GROSS		
					T/	ABLE 011-	02: TAPER LEI	IGTHS & NUM	BER OF CONES	CHART												
				TAPER LENGTH:	(FT.)/ * 01	F SKIP LINE	5/ * OF CHANNEL	ZING DEVICES					(FT.)/		ER LENGTH: LINES/ * OF DEVICES							
ECONSTRUCTION POSTED SPEED LIMIT (MPH)				LA	ATERAL SHIFT	OF TRAFFI	FLOW PATH (FT.							OR SHOULD					]			
25	4 5		6 /2/3	80/2/3	80/2/3	120/3	10 /4 120/3/	11 120/3/	12	_		7 FT. /1/2	8 FT. 40/1/2	9 FT		-	1 FT. 0/1/2	12 FT. 40/1/2	4			
30	80/2/3 80/2/		/2/3	120/3/4	120/3/4	160/4				_		/1/2	40/1/2	40/1/		_	0/2/3	80/2/3	-			
35	80/2/3 120/3		0/3/4	160/4/5	160/4/5	200/5			_	_		/1/2	80/2/3	80/2/			0/2/3	80/2/3	1			
40	120/3/4 160/4		0/4/5	200/5/6	240/6/7	240/6				_		/2/3	80/2/3	80/2/			0/3/4	120/3/4	1			
45	200/5/6 240/6	/7 28	0/7/8	320/8/9	360/9/10	400/10	/11 440/11/	2 520/13/	14 560/14/	.5 80	0/2/3 80	/2/3	120/3/4	120/3	120/3	/4 12	0/3/4	160/4/5	7			
50	200/5/6 240/6	/7 32	0/8/9	360/9/10	400/10/11	440/11	/12 520/13/	4 560/14/	15 600/15/	.6 80	0/2/3 120	/3/4	160/4/5	160/4	/5 160/4	/5 16	0/4/5	160/4/5				
55	240/6/7 280/7	/8 32	0/8/9	400/10/11	440/11/12	520/13	/14 560/14/	5 600/15/	16 680/17/	.8 80	0/2/3 120	/3/4	160/4/5	160/4	/5 160/4	/5 20	0/5/6	200/5/6				
60	240/6/7 320/8	/9 360	/9/10	440/11/12	480/12/13	560/14	/15 600/15/	680/17/	18 720/18/	.9 80	0/2/3 120	/3/4	160/4/5	200/5	200/5	<b>/6</b> 24	0/6/7	240/6/7				
65	280/7/8 320/8			480/12/13	520/13/14	600/15	/16 640/16/	720/18/	19 800/19/2	0 80	0/2/3 160	/4/5	200/5/6	240/6	240/6	/7 28	0/7/8	280/7/8	_			
THE NUMBER OF	CREATED WITH REFERENCE CHANNELIZING DEVICES SHO HE NUMBER OF CHANNELIZING	WN IS CALCU	LATED BASEI	D ON A 40FT STED AS NECESS	SARY.																	
TABLE	011-03	TABL	E 011-04	: ROLL AHEA	D DISTANC	E FOR PR	OTECTIVE VEH	CLES			TABLE 011-0						BLE 011-0					
LONGITUDINAL	BUFFER SPACE		ROLL AH	HEAD DISTANCE (	(FT.)/* OF S	KIP LINES F	OR VEHICLES				WARNING SIG		;		T		TH FOR T	EMPORARY ZONES				
ECONSTRUCTION STED SPEED	DISTANCE (FT.)/ * OF SKIP LINES			PROTECTIVE VEHI			ECTIVE VEHICLES		ROAD TYP		DISTANCE BETWE	_	SIGN LEGI		TYPE (	F TAPER	JOHNHOL		NGTH (L)			
		PRECONSTR POSTED SPEE	D LIMIT C	9,500 TO 21,9 STATIONARY M	999 LBS. GVW OVING OPERAT		00 LBS. OR GREA	OPERATION -			A (FT.) B (FT.)				MERGING TAPER			L				
IT (MPH)	155 / 4	(MPH			(15 MPH MA)			PH MAX.)	URBAN (≤ 30 MP URBAN (35-40 M		100 100 200 200				SHIFTING TAPER SHOULDER TAPER			L/:				
IT (MPH) 25	200 / 5	I	)	200/5	240/6	1	50/4	200/5	URBAN (≥45 MP		350 350	350 1	000 FT. A	HEAD	ONE-LANE, TWO-V	AY TRAFFIC			-100 FT. MAX			
25 30	200 / 5	≥ 60					20/3	160/4	RURAL FREEWAY		500 500 1000 1500		500 FT. 10 1 MILE 1/2		<ul> <li>DOWNSTREAM TAF</li> <li>THIS TABLE IS</li> </ul>		-		-100 FT. MAX		NEW YORK STATE OF	Departme Transpor
25 30 35	250 / 6	≥ 60 45 -	55	160/4	200/5	1	.0/3							_ [	· IIIIO IMDEE 13	THE SAME	muluu I	DEL UU-Ji		l	OPPORTUNITY.	Transport
25 30 35 40	250 / 6 305 / 8		-	160/4	200/5 120/3			120/3	PRECONSTRUCTIO	N POSTED S	SPEED LIMIT.	NVC" -		l								i i aitspoi
25 30 35	250 / 6 305 / 8 360 / 9	45 -	-	120/3	120/3				PRECONSTRUCTIO THIS TABLE IS	N POSTED S THE SAME	SPEED LIMIT. AS MUTCD TABLE	NY6H-3.										
25 30 35 40 45	250 / 6 305 / 8	45 -	)		120/3 011-05	8			PRECONSTRUCTIO THIS TABLE IS	N POSTED S THE SAME	SPEED LIMIT. AS MUTCD TABLE	NY6H-3.									U.S. CUSTOMARY S	
25 30 35 40 45 50 55 65 HIS TABLE IS TH	250 / 6 305 / 8 360 / 9 425 / 11	45 - ≤ 40	FLARE	120/3 TABLE 0	120/3 D11-05 POSITIVE B	BARRIER POSTED SPEE	D LIMIT		PRECONSTRUCTIO  THIS TABLE IS	N POSTED S THE SAME	SPEED LIMIT. AS MUTCD TABLE	NY6H-3.									U.S. CUSTOMARY S' WORK ZONE TRAI GENERAL TABLES	FIC CONTROL
35 30 35 40 45 50 55 65	250 / 6 305 / 8 360 / 9 425 / 11 495 / 13 645 / 16	45 - s 41	FLARE	TABLE O RATES FOR F	120/3 011-05 POSITIVE B	BARRIER	D LIMIT   55   65   MPH   MPH		PRECONSTRUCTIO THIS TABLE IS	N POSTED S THE SAME	SPEED LIMIT. AS MUTCD TABLE	NY6H-3.									U.S. CUSTOMARY ST	FIC CONTROL
25 30 35 40 45 50 55 65 HIS TABLE IS TH	250 / 6 305 / 8 360 / 9 425 / 11 495 / 13 645 / 16	45 - s 40	FLARE PE OF POSITIVE BA	TABLE O RATES FOR F	120/3 D11-05 POSITIVE B  POSITIVE B  POSITIVE B	BARRIER POSTED SPEE 40 50 MPH MPH 11:1 14:1	D LIMIT  55 65 MPH MPH  16:1 20:1		PRECONSTRUCTIO THIS TABLE IS	N POSTED S THE SAME	SPEED LIMIT. AS MUTCD TABLE	NY6H-3.						[ <del></del>	RATA 2 EFF. 0	00 (01 (27	U.S. CUSTOMARY S' WORK ZONE TRAI GENERAL TABLES	FIC CONTROL

TRAFFIC CONTROL GENERAL NOTES

C-702 SCALE: NONE
CROSS REFERENCE: NONE

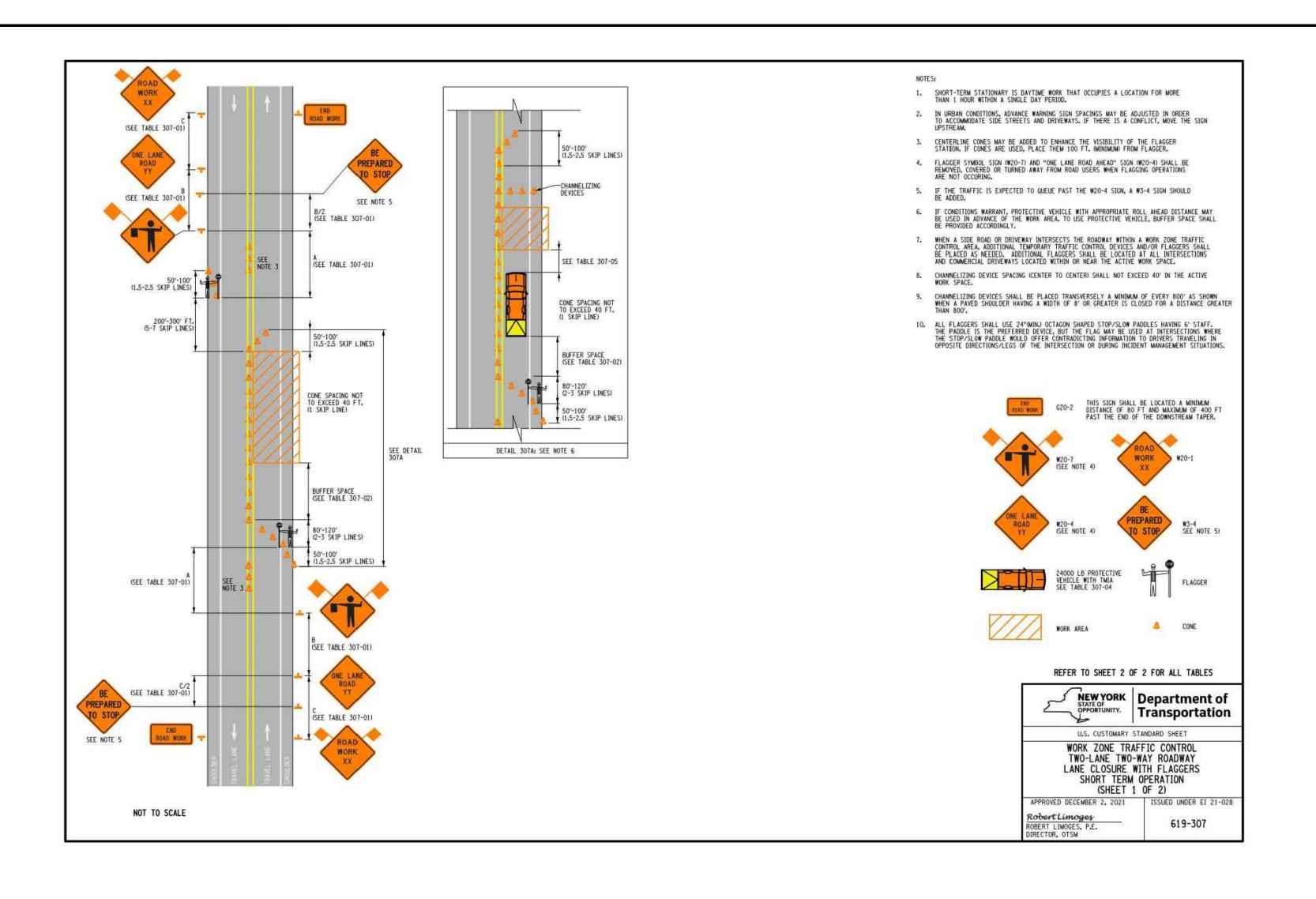


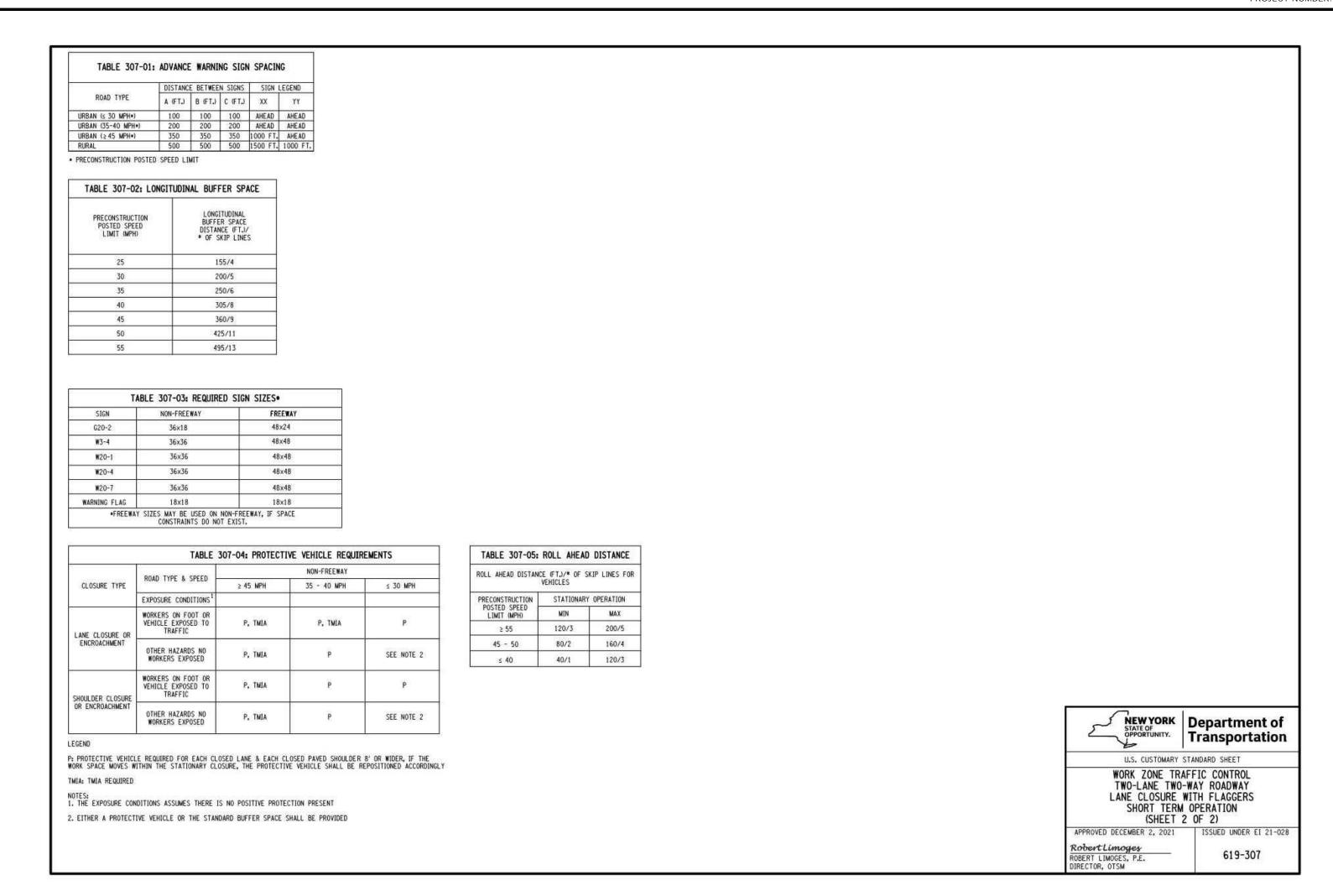
	DURATION	м	OBILE OPER	ATION AND STOP	% GO	SI	RT DURATION OPE	RATION		SHORT TER	RM OPERATION		II	ITERMEDIATE	E TERM OPERATION	DN .		LONG TER	A OPERATION			
OLOGUPE TYPE		FREEWAY	/	NON-FREEWA	λΥ	FREEWAY	NON-FRE	EWAY	FREEWAY	T	NON-FREEWAY		FREEWAY		NON-FREEWAY		FREEWAY		NON-FREEWAY			
CLOSURE TYPE	ROAD TYPE & SPEED  EXPOSURE CONDITIONS	_	≥ 45 MPI	35 - 40 MPH	H ≤ 30 MPH	2	45 MPH 35 - 40	MPH ≤ 30 MPH	1	≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH		
	(SEE NOTE 1) WORKERS ON FOOT OR WORK VEHICLE EXPOSED		A PVH+TMI	PVL+TMIA	PVL	PVH+TMIA P	H+TMIA PVL+TN	IIA PVL	PVH+TMTA	PVH+TMIA	PVL+TMIA	PVL	PVH+TMIA	PVH+TMIA	PVL+TMIA	SEE	PVH+TMIA	PVH+TMIA	PVL+TMIA	SEE		
LANE CLOSURE OR	TO TRAFFIC  -NO WORKERS ON FOOT -NO WORK VEHICLE	711171				PVH+TMIA P		PVL	PVH+TMIA		PVL	SEE	PVH+TMIA		SEE	NOTE 2 SEE	PVH+TMIA		SEE	NOTE 2		
ENGNORMENT	EXPOSED TO TRAFFIC -OTHER HAZARDS EXPOS (IE EQUIPMENT, MATERI					T VIII IMAA	172		1 111 11112	1 1111111111111111111111111111111111111		NOTE 2	T VIII IMAA	T TILL TIME	NOTE 2	NOTE 2	1 111 1 1 1 1 1	1 111 1 1 1 1 1	NOTE 2	NOTE 2		
HOULDER CLOSURE	WORKERS ON FOOT OR WORK VEHICLE EXPOSED TO TRAFFIC	PVH+TMI/	A PVH+TMIA	PVL+TMIA	PVL	PVH+TMIA P	H+TMIA PVL	PVL	PVH+TMIA	PVH+TMIA	PVL	PVL	PVH+TMIA	PVH+TMIA	SEE NOTE 2	SEE NOTE 2	PVH+TMIA	PVH+TMIA	SEE Note 2	SEE NOTE 2		
	-NO WORKERS ON FOOT -NO WORK VEHICLE EXPOSED TO TRAFFIC -OTHER HAZARDS EXPOS (IE EQUIPMENT, MATERI EXCAVATION)					PVH+TMIA P	I+TMIA PVL	PVL	PVH+TMIA	PVH+TMIA	PVL	SEE NOTE 2	PVH+TMIA	SEE NOTE 3	SEE NOTE 2	SEE NOTE 2	PVH+TMIA	SEE NOTE 3	SEE Note 2	SEE NOTE 2		
PVH - PROTECTIVE V	VEHICLE LIGHT (MINIMUN VEHICLE HEAVY (MINIMUN LER MOUNTED IMPACT A	GROSS WEIGH					•		•						NO POSITIVE P			_07 CUALL	DE DROVIDED			
	/E VEHICLE REQUIREMEN		PPLICABLE 1	O PAVING AND I	MILLING OPFRA	TIONS. A									OR THE STANDAR					ROVIDED.		
STANDARD BUFFER S	SPACE SHALL BE PROVID	D FOR THESE	OPERATIONS	IN ACCORDANC	E WITH TABLE	011-03.					4. TRUCK/TF	RAILER MOUN	TED IMPACT	ATTENUATOR	RS (TMIA) SHALL	NOT BE MO	UNTED/INSTA	LLED ON VEH	ICLES WITH A			
EHICLES WITH APPR	/E VEHICLE REQUIREMEN ROPRIATE ROLL AHEAD I	ISTANCE MAY I													(INIMALLY REQUI PVL) AS A SHADO					WHERE		
NECESSARY BY THE	DOT ENGINEER AND THE	IN DESIGNEE.													ESS OTHERWISE				7			
					TA	BLE 011-02	TAPER LENGT	HS & NUMBER	OF CONES	CHART												
				TAPER LENGTH	H: (FT.)/ * 0F	SKIP LINES/	OF CHANNELIZING	DEVICES					(FT.)/		LINES/ * OF							
PRECONSTRUCTION POSTED SPEED				1	LATERAL SHIFT	OF TRAFFIC	LOW PATH (FT.)			_				IANNELIZING OR SHOULDE					-			
LIMIT (MPH)	4	5	6	7	8	9	10	11	12	≤ 4	FT. 5 -	7 FT.	8 FT.	9 FT.		Г. 1	1 FT.	12 FT.	-			
25	40/1/2 80	/2/3 8	30/2/3	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	4 40/1	1/2 40	/1/2	40/1/2	40/1/	2 40/1/	2 4	0/1/2	40/1/2				
30			30/2/3	120/3/4	120/3/4	160/4/5	160/4/5	160/4/5	200/5/6			/1/2	40/1/2	40/1/			0/2/3	80/2/3	4			
35 40			20/3/4 60/4/5	160/4/5	160/4/5 240/6/7	200/5/6	200/5/6	240/6/7 320/8/9	240/6/7 320/8/9			/1/2	80/2/3 80/2/3	80/2/			0/2/3	80/2/3 120/3/4	4			
45			80/7/8	320/8/9	360/9/10	400/10/1		520/13/14	560/14/1			/2/3	120/3/4	120/3/			20/3/4	160/4/5	1			
50	200/5/6 240	/6/7 3	20/8/9	360/9/10	400/10/11	440/11/1	520/13/14	560/14/15	600/15/1	16 80/2	2/3 120	0/3/4	160/4/5	160/4/	/5 160/4	/5 16	50/4/5	160/4/5	1			
55	240/6/7 280	/7/8 3	20/8/9	400/10/11	440/11/12	520/13/1	560/14/15	600/15/16	680/17/1	18 80/2	2/3 120	0/3/4	160/4/5	160/4/	/5 160/4	/5 20	00/5/6	200/5/6				
60	<del></del>		50/9/10	440/11/12	480/12/13	560/14/1		680/17/18	720/18/1	_	_	0/3/4	160/4/5	200/5/	_	_	10/6/7	240/6/7	_			
<ul> <li>THE NUMBER OF C</li> </ul>	280/7/8 320 CREATED WITH REFERENCE CHANNELIZING DEVICES SEENUMBER OF CHANNELIZE  OUT OF THE PROPERTY OF THE PR	E TO MUTCD T HOWN IS CALC	ULATED BAS	480/12/13 ED ON A 40FT JSTED AS NECES	520/13/14 SSARY.	600/15/1	640/16/17	720/18/19	800/19/2	20   80/2	2/3   160	0/4/5	200/5/6	240/6/	/7 240/6	/7   28	80/7/8	280/7/8				
	011-03	TAB	SLE 011-0	4: ROLL AHE	AD DISTANC	E FOR PRO	ECTIVE VEHICLE	S			ABLE 011-0				т.	TAI	BLE 011-0	7				
RECONSTRUCTION	BUFFER SPACE		ROLL /	AHEAD DISTANCE							VARNING SIG		SIGN LEGE	'ND	17		CONTROL					
OSTED SPEED	DISTANCE (FT.)/ * OF SKIP LINES	PRECONST	RUCTION		HICLES WEIGHI 1,999 LBS. GVW		IVE VEHICLES WEI LBS. OR GREATER		ROAD TYPE		(FT.) B (FT.	_		L	TYPE ( MERGING TAPER	OF TAPER		TAPER LE	NGTH (L)			
25	155 / 4	POSTED SPE (MP)		STATIONARY OPERATION	MOVING OPERAT			MAY )	BAN (≤ 30 MPI		100 100		AHEAD A	IEAD S	SHIFTING TAPER			L/2				
30	200 / 5	≥ (	60	200/5	240/6	160		UR	BAN (35-40 M BAN (≥45 MP		200 200 350 350		AHEAD A		SHOULDER TAPER ONE-LANE, TWO-V		TAPER	L/: 50 FT. MIN	-100 FT. MAX			
35	250 / 6	45 -	- 55	160/4	200/5	120	3 160	/4 RUF			500 500 1000 1500	500 1	500 FT. 10	00 FT.	DOWNSTREAM TAP				100 FT. MAX		NEWYORK	Department of
40 45	305 / 8 360 / 9	≤ 4	40	120/3	120/3	80/	120.	/3 • PRE	CONSTRUCTION	N POSTED SPE	EED LIMIT.		. mile   72		THIS TABLE IS	THE SAME	AS MUICD TA	MLF PC-3"		I	STATE OF OPPORTUNITY.	Department Transportati
50	360 / 9 425 / 11							•• TH	IS TABLE IS	THE SAME AS	MUTCD TABLE	NY6H-3.									U.S. CUSTOMARY	STANDARD SHEET
55	495 / 13		FLARE	TABLE RATES FOR	011-05 POSITIVE B	ARRIER																
65 THIS TABLE IS THI ABLE 6C-2.	645 / 16 E SAME AS MUTCD	т		ITIVE BARRIER	Р	OSTED SPEED 40 50 1															WORK ZONE TR GENERAL TABLI	AFFIC CONTROL ES AND LEGEND 2 OF 2)
MULE OC-Z.		TEMPORARY	POSITIVE	BARRIER		11:1 14:1 1															COULET	∠ UF <i>L1</i>
		BOX BEAM	OR HEAVY F	POST CORRUGATE	D BEAM 7:1	9:1 11:1 1	2:1 15:1											ER	RATA 2 EFF.	09/01/23	APPROVED DECEMBER 21, 2022	ISSUED UNDER EI 22
																		1.0	SUED WITH EB	07 040	RobertLimoges	619-011

TRAFFIC CONTROL TABLES AND LEGEND

SCALE: NONE
CROSS REFERENCE: NONE

OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A	
		$\triangle$					VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	TRAFFIC AND MAINTENANCE CONTROL DETAILS
		2					© 2025	
		3					C.T. MALE ASSOCIATES	MOREAU COMMUNITY SOLAR PROJECT
		4					DESIGNED: MLS	
		<u>\$</u>					DRAFTED : DCP	TOWN OF MOREAU SARATOGA COUNTY, NEW YORK
		<u>6</u>					CHECKED : OKS	C.T. MALE ASSOCIATES AND C-702
		$\triangle$					PROJ. NO: 24.5097	
		<u>&amp;</u>					SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400  GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY
							DATE: FEB. 04, 2025	GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY www.ctmale.com DWG. NO: 24-0607





1 SHORT DURATION LANE CLOSURE

C-703 SCALE: NONE
CROSS REFERENCE: NONE

		1	IC CONTROL S	IGN TABLE				1	FIC CONTROL S	IGN TABLE				1	IC CONTROL S	IGN TABLE					IC CONTROL S	SIGN TABLE	
SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEWAY	EXPRESSWAY	FREEW
EXIT 🗡	E5-1	С		72"X60"	72"X60"	STATE LAW LICENSE SUSPENDED AFTER TWO WORK ZONE	NYR9-11	В	24"X42"	48"X84"	48"X84"	ROAD CLOSED BRIDGE	R11-2	В	48"X30"	48"X30"	48"X30"	SLOW TRAFFIC AHEAD	NYW23-1	A	36"X36"	48"X48"	48"X4
ROAD WORK NEXT 5 MLES	G20-1	A	36"X18"	48"X24"	48"X24"	SPEEDING TICKETS						CLOSED	D14.0	-									
END ROAD WORK	G20-2	A	36"X18"	48"X24"	48"X24"	FINES DOUBLED FOR SPEEDING IN	NYR9-12	В	24"X36"	36"X54"	48"X72"	BRIDGE	R11-2 (MOD.)					WORK ZONE	G20-5aP	6F.12	24"X18"	36"X24"	36"X2
PLOT CAR FOLLOW ME	G20-4	A	36"X18"			WORK ZONES						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY	R11-3a	В	60"X30"	60"X30"			1				-
WORK ZONE	G20-5aP	A	24"X18"	36"X24"	36"X24"	RUMBLE	NYW4-17	A	36"X36"	48"X48"	48"X48"							EXIT	E5-2	6F.28	48"X36"	48"X36"	48"X3
22 22	M1-1	G	1 OR 2 DIGITS 24"X24"	36"X36"	36"X36"	WET	NYW8-30	A	48"X24"	48"X24"	48"X24"	5	W1-4L	A	36"X36"	48"X48"	48"X48"	0, 2, 1					
495	M1-1†	G	3 DIGITS 30"X24"	45"X36"	45"X36"	STAY IN LANE	NYW8-31	 A	48"X24"	48"X24"	48"X24"		W1-4R					EXIT	E5-2a	6F.28	48"X36"	48"X36"	48"X3
X] [XX]	M1-4	В	1 OR 2 DIGITS	36"X36"	36"X36"	DO NOT PASS	NYW8-32	A	48"X24"	48"X24"	48"X24"							CLOSED					
			24"X24"			LANE CLOSED	NYW8-33	A	48"X24"	48"X24"	48"X24"	55	W1-4bL W1-4bR	A	36"X36"	48"X48"	48"X48"						
NORTH	M1-4†	В	3 DIGITS 30"X24"	45"X36"	45"X36"	STOP	R1-1	D	36"X36"	36"X36"	48"X48"	77	#1 100										
EAST	M3-1 M3-2	SEE	0.411144.011	70004 00	7000400	VIELD	R1-2	Е	36"X36"X36"	48"X48"X48"	60"X60"X60"									COLO	R CODE LEGE	ND	
SOUTH	M3-3	NOTE 3	24"X12"	36"X18"	36"X18"	SPEED LIMIT	R2-1	В	24"X30" OR	36"X48"	36"X48"	555	W1-4cL W1-4cR	A	36"X36"	48"X48"	48"X48"		COI		DESCRIPT		
DETOUR	M3-4 M4-8	A	24"X12"	36"X18"	36"X18"	XX	N2-1	L °	30"X36" (SEE NOTE 5)	J6 A46	30 440	777	#1 400						A		BLACK LEGEND ON AN ORANGE	AND BORDER BACKGROUND	
END	M4-8a	A	24"X18"	24"X18"	24"X18"	END HIGHER FINES ZONE	R2-11	В	24"X30"	36"X48"	36"X48"								В		BLACK LEGEND	AND BORDER	
DETOUR	m1 00		21 110	24 710		END		<u> </u>	0.4557.05	74,11	7000/540		W1-6L	A	48"X24"	60"X30"	60"X30"		c		ON A WHITE BA	AND BORDER	
TOUR DETOUR	M4-9 M4-9L M4-9R	A	30"X24"	48"X36"	48"X36"	WORK ZONE SPEED LIMIT	R2-12	В	24"X36"	36"X54"	36"X54"		W1-6R	A							ON A GREEN BA	AND BORDER	
(to 1)	m- 310					DO NOT PASS	R4-1	В	24"X30"	36"X48"	36"X48"		W1-8L	(NO BORDER					D		ON A RED BACK		
DETOÜR	M4-9a	A	30"X24"	30"X24"		7	R4-7 R4-7c	В	24"X30" 18"X30"	36"X48"	36"X48" 		W1-8R	A (NO	18"X24"	30"X36"	30"X36"		E		ON A WHITE BA	AND BORDER	
DETOUR							NARROW R4-8	В	24"X30"	36"X48"	36"X48"			BORDER					F		ON A FLOURESC GREEN BACKGRO	DUND	
DETOUR							R4-8c NARROW	В	18"X30"				W3-1	A <sup>4</sup>	36"X36"	48"X48"	48"X48"		G		WHITE LEGEND ON A BLUE AND BACKGROUND		
DETOUR	M4-9b	A	30"X24"	30"X24"		STAY IN LANE	R4-9	В	24"X30"	36"X48"	36"X48"												
DETOUR						DO NOT ENTER	R5-1	E	36"X36"	36"X36"	48"X48"		W3-2	A4	36"X36"	48"X48"	48"X48"	NOTES	•				
₩ DETOUR	M4-9c	A	30"X24"	30"X24"		R	R8-3	E	24"X24"	36"X36"	48"X48"		w2 2	.4	7011/7011	40011/4011	40117/4011	1. DI	MENSIONS ARE		WIDTH X HEIGHT		
DETOUR	M4-10L					PEDESTRIAN CROSSWALK	R9-8	В	36"X18"	36"X18"			W3-3	A .	36"X36"	48"X48"	48"X48"	3. CC	LORS FOR DIRE	CTION PL	N THESE TABLES AQUES, ADVANCE	TURN ARROWS, A	AND
DETOUR	M4-10L	A	48"X18"	48"X18"	48"X18"	SIDEWALK CLOSED	R9-9	В	24"X12"	24"X12"		BE						DI Si	RECTIONAL ARR GN THAT THEY	OWS SHAL SUPPLEME	L MATCH THE RO NT AS PER THE	OUTE OR INTERST M.U.T.C.D.	TATE
	M5-1	SEE NOTE 3	21"X15"	30"X21"	30"X21"	SIDEWALK CLOSED	R9-10	В	24"X12"	24"X12"		PREPARED TO STOP	W3-4	A	36"X36"	48"X48"	48"X48"	4. ML BC	JLTICOLORED S' ORDER ON AN O	MBOL IMP RANGE BAO	OSED ON SIGN W CKGROUND.	ITH BLACK LEGE	END AND
77	M5-2	SEE NOTE 3	21"X15"	30"X21"	30"X21"	USE OTHER SIDE												5. FC MU	OR R2-1 SIGN L JLTIPLE LANES	ARGER DII On a con	MENSIONS SHALL IVENTIONAL ROAD	BE USED WHEN	SIGN FACE
<b>←</b>	M6-1					SIDEWALK CLOSED USE OTHER SIDE	R9-10L R9-10R	В	24"X12"	24"X12"		55	W3-5	A <sup>4</sup>	36"X36"	48"X48"	48"X48"				1		
NZ	M6-2	SEE .	21"X15"	30"X21"	30"X21"	SIDEWALK CLOSED  USE OTHER SIDE	WA-10K	-												STA	TE OF PORTUNITY.	Departr Transpo	ment
<b>1</b>	M6-3	SEE NOTE 3		33 AL1	JU VEI	SIDEWALK CLOSED AHEAD CROSS HERE	R9-11L	В	24"X18"	24"X18"		1	W4-1L W4-1R	A	36"X36"	48"X48"	48"X48"			4	<u> </u>		
<b>↔</b>	M6-4					SIDEWALK CLOSED AHEAD CROSS HERE	R9-11R	້	21 110	21 710										U.S.	. CUSTOMARY S	TANDARD SHEE	Т
XX XX	NYM3-1	В	24"X24"	36"X36"	36"X36"	SIDEWALK CLOSED CROSS HERE	R9-11 aL	В	24"X12"	24"X12"										WORK	ZONE TRAI	FFIC CONTE	ROL
XXX	NYM3-2	В	30"X24"	45"X36"	45"X36"	SIDEWALK CLOSED CROSS HERE	R9-11aR						W4-2L W4-2R	A	36"X36"	48"X48"	48"X48"				(SHEET 1		
XXXA	NYM3-3	В	30"X24"	45"X36"	45"X36"	STOP HERE ON RED	R10-6	В	24"X36"	24"X36"									1		ER 2, 2021	ISSUED UN	IDER EI 21
							710 0		27 AJO	27 A30									Robert L			619	9-012

			CONTROL SIGN	TABLE			TOTAL TOTAL TO		CONTROL 310	I INDEL			WORK ZONE II	INI I IO		TABLE		]
SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEWAY	EXPRESSWAY	FREEWAY	
NARROWS	W5-1	A	36"X36"	48"X48"	48"X48"	MPH	W13-1P	A	24"X24"	30"X30"	30"X30"		W04.4		7684768	4011/4011	4000400	
RAMP	W5-4		36"X36"	48"X48"	48"X48"	ON RAMP	W13-4	A	36"X36"	36"X36"	36"X36"		W21-1	A .	36"X36"	48"X48"	48"X48"	_
	W6-3		36"X36"	48"X48"	48"X48"	NO PASSING ZONE	W13-4P	A	48"X48"X36"			SLOW MOVING VEHICLE	W21-4	A	36"X18"	48"X24"	48"X24"	-
		, " 				500 FEET	W16-2P	A	24"X18"	30"X24"		SHOULDER	W21-5	A	36"X36"	48"X48"	48"X48"	
NEXT 7- MILES	W7-3aP	A	24"X18"	36"X30"	36"X30"	NEXT 500 FT	W16-4P	SEE NOTE 3 A OR F	30"X24"									
ВИМР	W8-1	A	36"X36"	48"X48"	48"X48"	<b>←</b> →	W16-5PL W16-5PR	A SEE	24"X18"			LEFT RIGHT SHOULDER CLOSED CLOSED	W21-5aL W21-5aR	A	36"X36"	48"X48"	48"X48"	COLOR CODE LEGEND
PAVEMENT	W8-3	A	36"X36"	48"X48"	48"X48"		W16-7PL W16-7PR	NOTE 3 A OR F	24"X12"	30"X18"								CODE DESCRIPTION
LOOSE	W8-7	A	36"X36"	48"X48"	48"X48"	AHEAD	W16-9P	SEE NOTE 3 A OR F	24"X12"	30"X18"		LEFT SHOULDER CLOSED AHEAD LEFT						A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND  B BLACK LEGEND AND BORDER
						ROAD WORK AHEAD ROAD	W20-1	A	36"X36"	48"X48"	48"X48"	SHOULDER CLOSED XXX FT SHOULDER CLOSED X MLE	W21-5bL	A	36"X36"	48"X48"	48"X48"	ON A WHITE BACKGROUND  C WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
ROUGH	W8-8	A	36"X36"	48"X48"	48"X48"	ROAD WORK XXX FT X MILE						RIGHT SHOULDER CLOSED AHEAD RIGHT SHOULDER CLOSED CLOSED CLOSED	W21-5bR					D WHITE LEGEND AND BORDER ON A RED BACKGROUND
SHOULDER	W8-9	A	36"X36"	48"X48"	48"X48"	DETOUR AHE AD	W20-2	A	36"X36"	48"X48"	48"X48"	CLOSED CLOSED X MALE						E RED LEGEND AND BORDER ON A WHITE BACKGROUND  BLACK LEGEND AND BORDER
NO CENTER LINE	W8-12	A	36"X36"			DETOUR XXX FT DETOUR						MOWING AHE AD	W21-8	A	36"X36"	48"X48"	48"X48"	F ON A FLOURESCENT YELLOW GREEN BACKGROUND  WHITE LEGEND AND BORDER ON A BLUE AND RED
FALLEN	W8-14	A	36"X36"	48"X48"	48"X48"	CLOSED AHEAD CLOSED X MALE	W20-3	A	36"X36"	48"X48"	48"X48"	BLASTING ZONE ANEAD BLASTING ZONE ZONE ZONE	W22-1	A	36"X36"	48"X48"	48"X48"	BACKGROUND
GROOVED	W8-15	A	36"X36"	48"X48"	48"X48"	ONE LANE ROAD AVEAU  ONE LANE ROAD  XX FI  XX FI  X MILE	₩20-4	A	36"X36"	48"X48"	48"X48"	TURN OFF				4000700	40000	NOTES:  1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.  2. FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO
	W8-17	A	36"X36"	48"X48"	48"X48"	ROAD XXX FT X MALE						2-WAY RADIO AND CELL PHONE	W22-2	^	42"X36"	42"X36"	42"X36"	THE M.U.T.C.D.  3. WHEN USED IN CONJUNCTION WITH A BICYCLE SIGN (W11-1) OR PEDESTRIAN CROSSING (W11-2) COLOR CODE SHALL MATCH.
SHOULDER DROP-OFF	₩8-17p	A	24"X18"	30"X24"	30"X24"	LANE CLOSED LEFT LANE CLOSED CLOSED CLOSED						END BLASTING ZONE	W22-3	A	42"X36"	42"X36"	42"X36"	A FLOURESCENT YELLOW-GREEN BACKGROUND COLOR     SHALL BE USED FOR THIS SIGN PLAQUE.
SHOULDER	W8-23	A	36"X36"	48"X48"	48"X48"	CLOSED CLOSED I MILE RIGHT LANE CLOSED	W20-5	A	36"X36"	48"X48"	48"X48"	SLOW TRAFFIC AHEAD	W23-1	A	48"X24"	48"X24"	48"X24"	SHALL DE USED FUN INIS SION FLAMUE.
PLATE ON PAVEMENT	W8-24	A	36"X36"	48"X48"	48"X48"	RIGHT LANE CLOSED LSOO FT  RIGHT LANE CLOSED LOSED LMILE						TRAFFIC PATTERN AHEAD	W23-2	A	36"X36"	48"X48"	48"X48"	
CENTER LANE CLOSED ANE AD	W9-3	A	36"X36"	48"X48"	48"X48"	2 LEFT LANES CLOSED AHEAD 2 2											<u> </u>	
(A) (A)	W11-1L* W11-1R	A OR F	36"X36"	36"X36"		LEFT LANES CLOSED CLOSED CLOSED CLOSED CLOSED CLOSED	₩20-5a	A	36"X36"	48"X48"	48"X48"							NEW YORK STATE OF OPPORTUNITY. Department of Transportation
**	W11-2L+ W11-2R	F	36"X36"	36"X36"		RIGHT LANES CLOSED CLOSED SOO FEET MILE												U.S. CUSTOMARY STANDARD SHEET
(A)	W11-15L* W11-15R	F	36"X36"	36"X36"			W20-7	A	36"X36"	48"X48"	48"X48"							WORK ZONE TRAFFIC CONTROL SIGN TABLE (SHEET 2 OF 3)
IN	NYW5-32P*	A	24"X18"	24"X18"				•	•									APPROVED DECEMBER 2, 2021 ISSUED UNDER EI 21-028 Robert Limoges 619-012
						_									ERR/	ATA 1 EFF. 05/ JED WITH EB 24	/01/24  -007	ROBERT LIMOGES, P.E. DIRECTOR, OTSM  619-012



OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A	
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		4				DESIGNED: MLS	
						DRAFTED : DCP	TOWN OF MOREAU SARATOGA COUNTY, NEW YORK
						CHECKED : OKS	C.T. MALE ASSOCIATES AND C-703
						PROJ. NO : 24.5097	Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.
						SCALE: AS NOTED	50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400  GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY  SHEET 18 OF 18
		$\triangle$				DATE: FEB. 04, 2025	GLENS FALLS, NY · JOHNSTOWN, NY · POUGHKEEPSIE, NY · SYRACUSE, NY www.ctmale.com DWG. NO: 24-0607