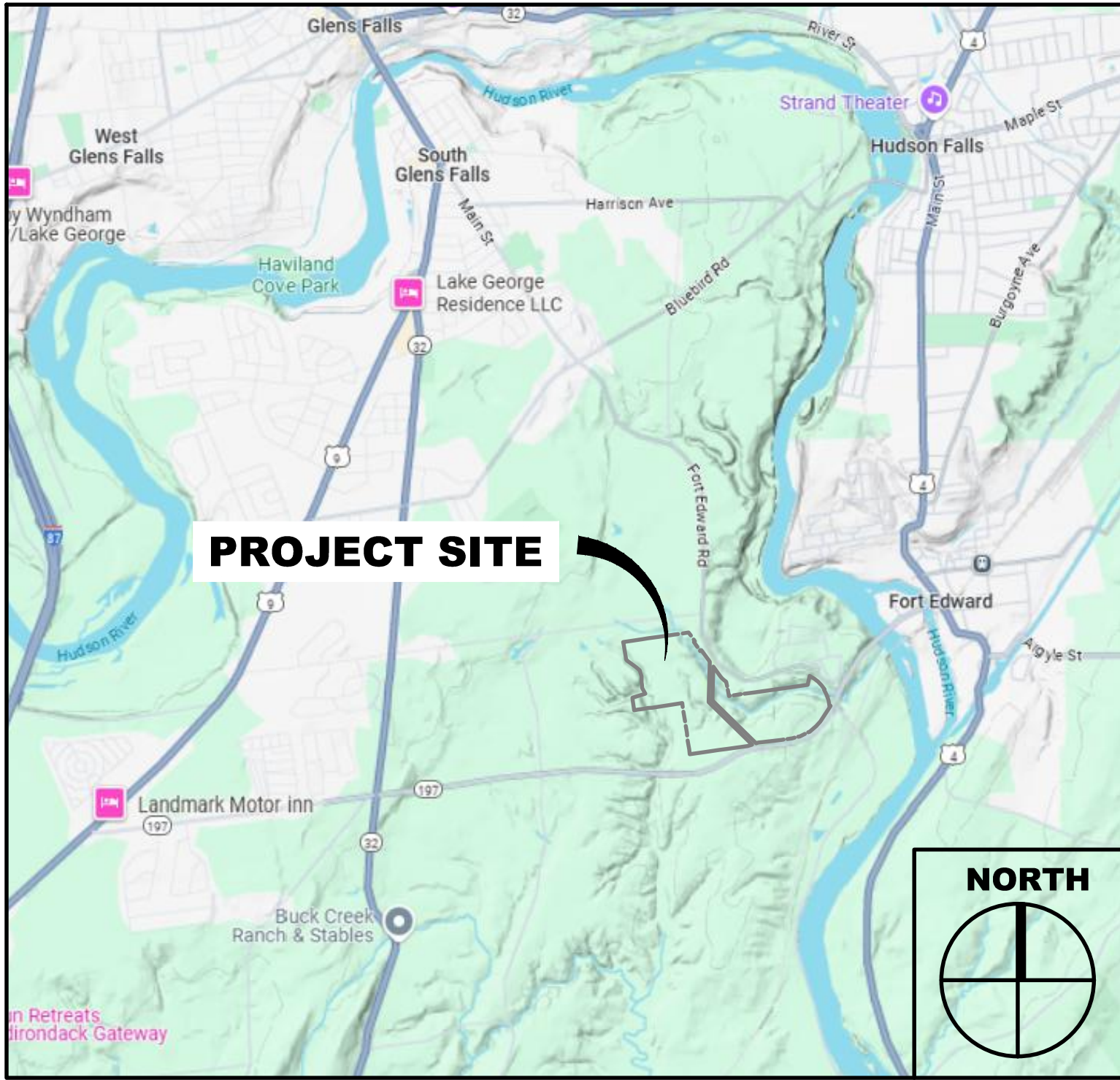
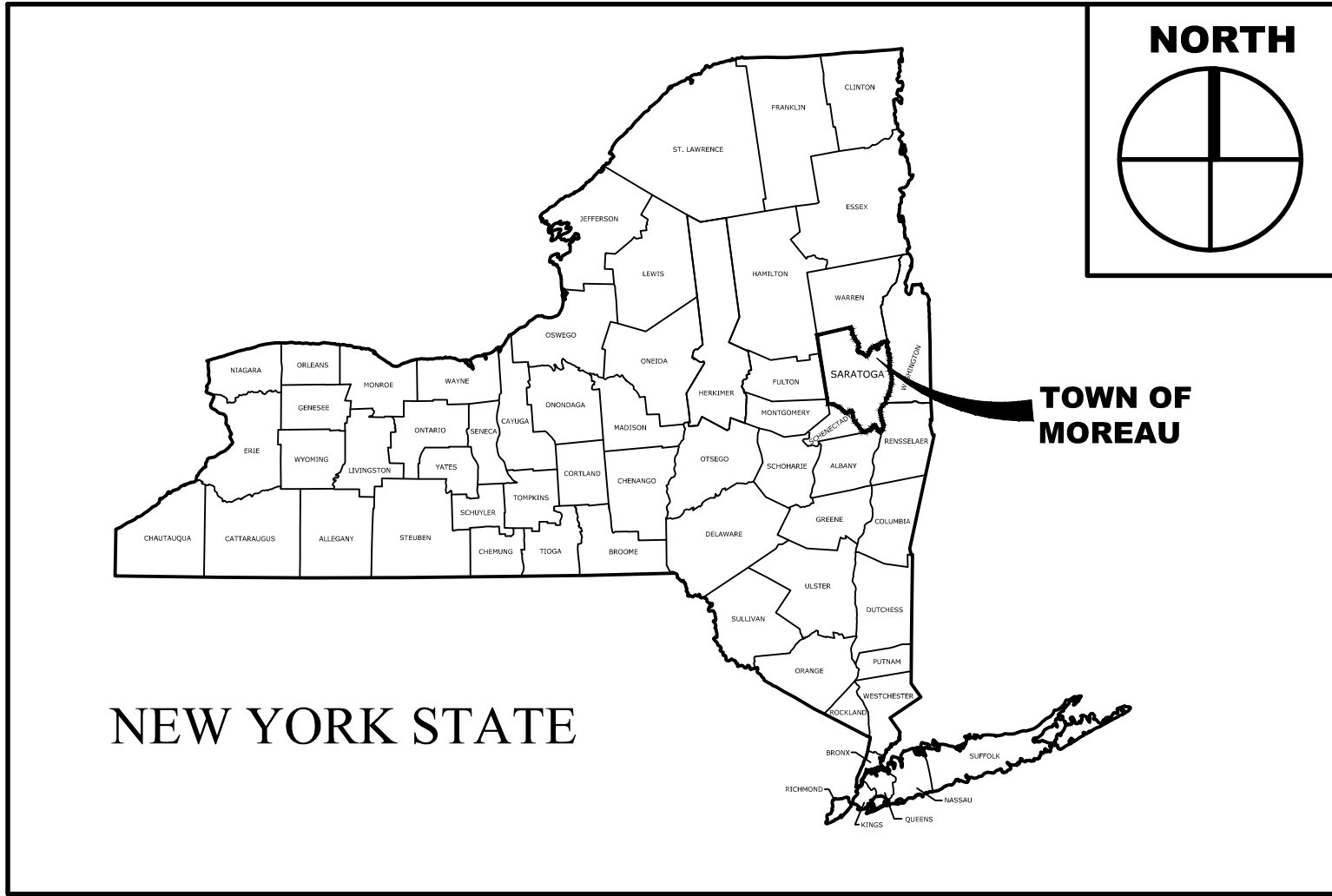
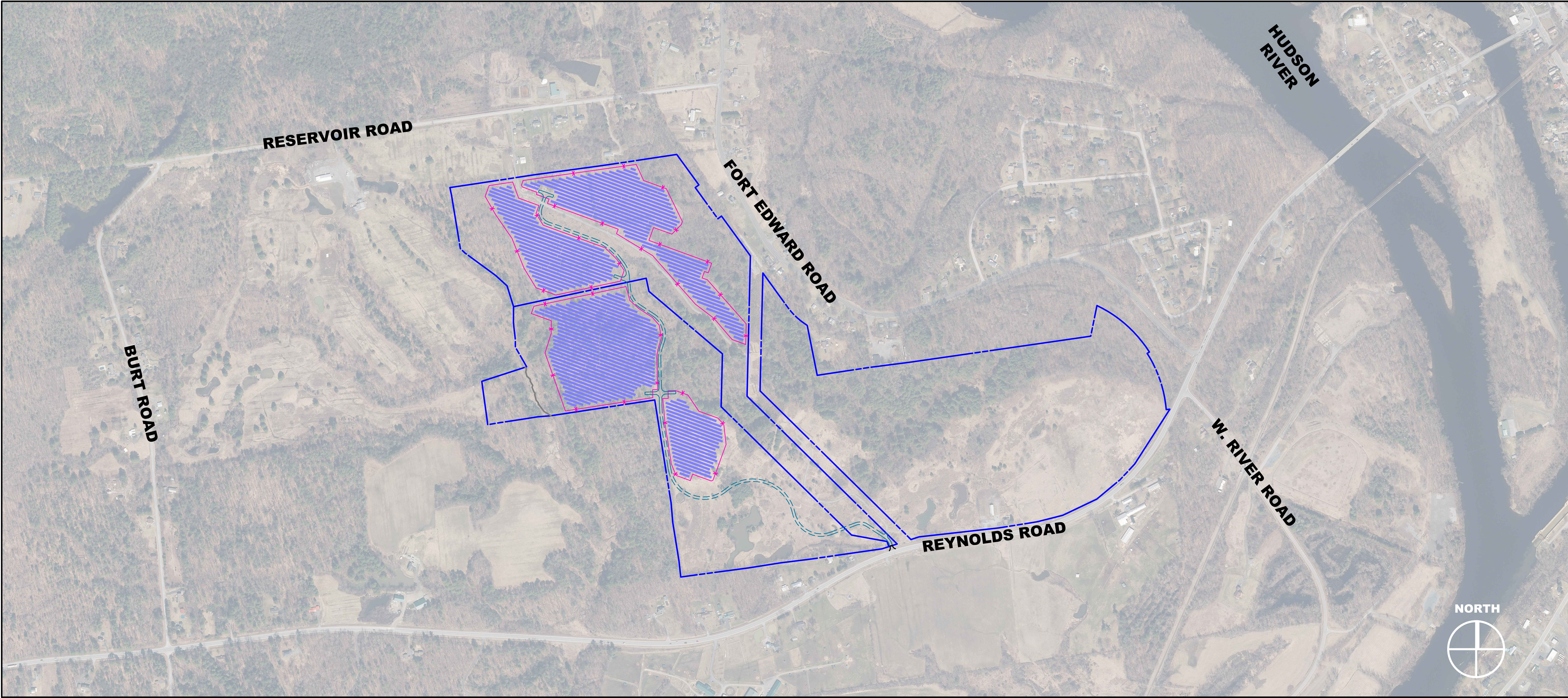


MOREAU COMMUNITY SOLAR PROJECT

65 REYNOLDS ROAD

FEB. 04, 2025





SITE LOCATION MAP

Drawing List		
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

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C.T. MALE ASSOCIATES

WARNING: IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, ARCHITECTURE - COMMISSIONER'S REGULATIONS PART 69.5.

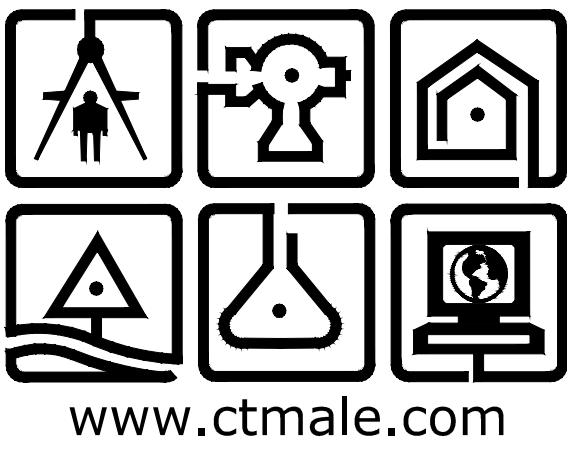
WARNING: IT IS A VIOLATION OF THIS LAW FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION, PROFESSIONAL ENGINEERING AND LAND SURVEYING - ART. 145, SECTION. 7209.

C.T. MALE ASSOCIATES

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

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

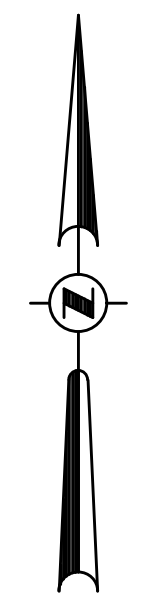
GLENS FALLS, NY • JOHNSTOWN, NY • POUGHKEEPSIE, NY • SYRACUSE, NY

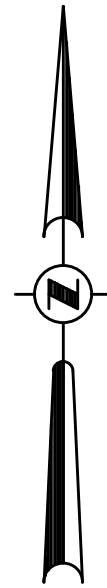


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PROJECT NO. 24.5097
DRAWING NO. 24-0607

G-001
SHEET 01 OF 18



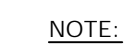


SITE PLAN METRICS			
	NY USLE MOREAU REYNOLDS A LLC.	NY USLE MOREAU REYNOLDS B LLC.	TOTAL
ZONING DISTRICT:	(R-3) AGRICULTURAL AND ONE-FAMILY RESIDENTIAL	(R-3) AGRICULTURAL AND ONE-FAMILY RESIDENTIAL	N/A
TAX MAP I.D.:	64.-2-80-12	64.-2-80-11	N/A
TOTAL PARCEL SIZE:	62± AC	58± AC	120± AC
PROPOSED FENCE LINE:	5,450 LF, 21.3± AC (34.4% OF PARCEL)	8,620± LF, 23.5± AC (40.6% OF PARCEL)	1,470± LF, 44.8± AC
PROPOSED ARRAY ENVELOPE:	18.7± AC (30.1% OF PARCEL)	19.2± AC (33.5% OF PARCEL)	38± 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:	3,650± LF, 71.316± SQ. FT.	1,815± LF, 36.400± SQ. FT.	5,365± LF, 107,720± SQ. FT.
SELECTIVE CLEARING FOR SHADING:	1.8± AC	3.0± 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

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.



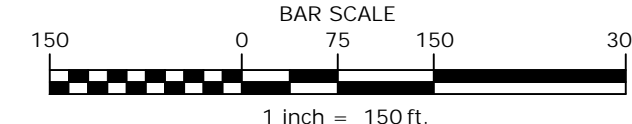
1. DIG SAFELY NEW YORK (PHONE 800-962-7962 / PHONE 811 / WWW.UDIG.ORG) SHALL BE NOTIFIED PRIOR TO BE CONDUCTING ANY TEST BORINGS, EXCAVATION OR CONSTRUCTION. UTILITY MARK-OUTS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. SITE GRADING OUTSIDE OF PROPOSED GRADING AREAS AND ACCESS ROAD SHALL BE LIMITED TO THE MINIMUM AMOUNT OF DISTURBANCE NECESSARY FOR THE INSTALLATION OF THE SOLAR ENERGY SYSTEM COMPONENTS AND PERVIOUS TOE STATE ACCESS ROAD. PER THE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS ALL DISPLACED TOPSOIL OBTAINED DURING CONSTRUCTION SHALL BE STOCKPILED IN THE DISTURBED AREAS. THE STOCKPILE SHALL BE COVERED WITH A GEOTEXTILE. RESTORATION OF DISTURBED AREAS AND ANY REMAINING TOPSOIL SHALL BE EVENLY SPREAD WITHIN THE STOCKPILED DISTURBED AREAS. THE DISBURSEMENT OF TOPSOIL SHALL BE AT THE DISCRETION OF 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 NYSIDM GUIDELINES FOR SOLAR ENERGY PROJECTS- CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS (REVISIONS 10/18/2019).
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT EROSION POLLUTION CONTROL PLAN. THE CONSTRUCTION OF CONSTRUCTION SITE SHALL BE COMPLETED IN CONFORMANCE WITH ALL APPLICABLE NYSIDM GUIDELINES INCLUDING BUT NOT LIMITED TO:
 1. SOILS, SEEDING, 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 WITH EROSION POLLUTION CONTROL PLAN.
 2. THE CONTRACTOR SHALL NOTIFY DC SHELVEE NEW YORK (UDIG NY OR CALL #811) PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL HAVE A DESIGNATED ENVIRONMENTAL MONITOR ON SITE WHENEVER CONSTRUCTION OR RESTORATION WORK IS OCCURRING ON AGRICULTURE LAND. COORDINATION WITH THE NYSIDM, MONITORING OF LAND AND WATER RESOURCES, AND ADHERENCE TO THE SCHEDULE FOR INSPECTIONS AND ENSURE COMPLIANCE WITH THE DEPARTMENT'S CURRENT GUIDELINES.

WETLAND NOTES:

1. WETLAND/WATERCOURSE DELINEATION WAS COMPLETED BY T. M. CALE ASSOCIATES IN SEPTEMBER 2024 IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS (CORPS) WETLAND DELINEATION MANUAL AND THE NORTHERN AND NORTHEAST REGIONAL SUPPLEMENT, AS WELL AS THE NYSDCF FIELD WETLAND DELINEATION MANUAL, JULY 1995. LABELED FLAGGING WAS SET IN THE FIELD AND LOCATED WITH A TRIMBLE G607X GPS UNIT.
2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT" EVERY 200' SHALL BE INSTALLED. THE EXISTING SECTION OF ORANGE CONSTRUCTION FENCING SHALL BE MAINTAINED AND NOT ALLOW FOR THE INSTALLATION OF PERIMETER FENCING, LANDSCAPING, SOLAR ARRAY COMPONENTS, AND TREE CLEARING/BRUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE TASKS. THE CONTRACTOR SHALL MAINTAIN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
3. TIMBER MATTING SHALL BE UTILIZED IN AREAS OF PONDED WATER OR SATURATED AREAS WITHIN THE WETLAND DURING CONSTRUCTION TO LIMIT TEMPORARY DISTURBANCE OF THE WETLAND. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED TIMBER MATTING SHALL BE REMOVED FROM THE WETLANDS.
4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF MECHANIZED EQUIPMENT. CUTTING SHALL BE AT OR ABOVE GRADE WITHOUT THE REMOVAL OF STUMPS. EXISTING VEGETATION SHALL BE REMOVED AREAS OF THE WETLANDS ARE, NO MORE THAN A THIN LAYER OF MULCH WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.



OWEN KIEHL SPEILSTRA P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	AUTHORIZED ATTESTATION (IN ADDITION TO THIS DOCUMENT IS VIOLATION OF THE NEW YORK STATE EDUCATION LAW.
						<p>© 2025 C.T. MALE ASSOCIATES</p> <p>DESIGNED: MLS</p> <p>DRAFTED : DCP</p> <p>CHECKED : OKS</p> <p>PROJ. NO : 24.5097</p> <p>SCALE : 1"=150'</p> <p>DATE : FEB. 04, 2025</p>
						
						
						
						
						
						
						

<h2 style="margin: 0;">MOREAU COMMUNITY SOLAR PROJECT</h2>	
TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%;"> <p>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</p> </div> <div style="width: 35%; text-align: center;">  <p>www.ctmale.com</p> </div> </div>	
<div style="display: flex; justify-content: space-between;"> SHEET 03 OF 18 DWG. NO: 24-0607 </div>	

PROJECT SUMMARY		
	NY USLE MOREAU REYNOLDS A LLC	NY USLE MOREAU REYNOLDS B LLC
NAME PLATE RATING	7.74 MW DC / 5.0 MW AC MAX	8.25 MW DC / 5.0 MW 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.:	64.-2-80.12	64.-2-80.11	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
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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

ZONI NG 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 ± FT.	1,982Z. 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%	± 13.4%	± 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.

NOTE:

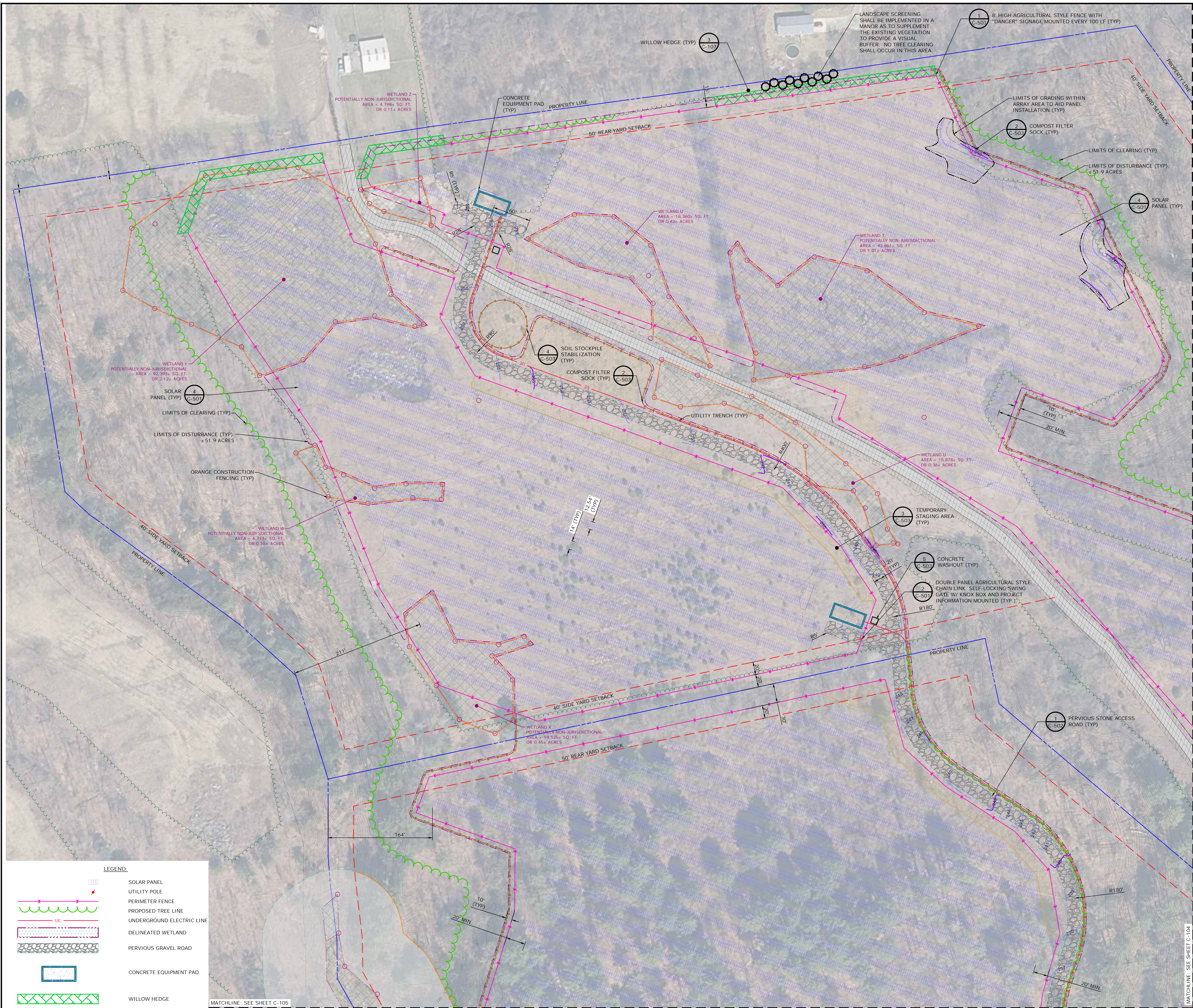
1. DIG SAFE NEW YORK PHONE 800-962-7962 / PHONE 811 / WWW.UDDS.ORG SHALL BE NOTIFIED PRIOR TO BE CONDUCTING ANY TEST BORINGS, EXCAVATION OR CONSTRUCTION. UTILITY MARK-OUTS SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. SITE REGARDING OUTSIDE OF PROPOSED GRADING AREAS AND ACCESS ROAD SHALL BE LIMITED TO THE EXISTING GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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 REAPPLIED TO THE SITE. THE TOPSOIL STORAGE SYSTEM SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION. RESTORATION OF DISTURBED AREAS AND ANY REMAINING TOPSOIL SHALL BE EVENLY SPREAD WITHIN THE DISTURBED AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REAPPLICATION OF TOPSOIL 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 NYSDEAM GUIDELINE FOR SOLAR ENERGY PROJECTS. CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS (REVISIONS 10/18/2019).
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- 2.1. THE CONTRACTOR SHALL NOTIFY DDC SAFELY NEW YORK (UDIG NY OR CALL 811) PRIOR TO CONSTRUCTION.
- 2.2. THE CONTRACTOR SHALL DESIGNATE AN ENVIRONMENTAL MONITOR ON SITE WHENEVER CONSTRUCTION OR RESTORATION WORK IS OCCURRING ON AGRICULTURE LAND. COORDINATION WITH THE NYS DEPARTMENT OF AGRICULTURE & MARKETS SHALL BE MAINTAINED THROUGHOUT THE PROJECT SCHEDULE FOR INSPECTIONS AND ENSURE COMPLIANCE WITH THE DEPARTMENT'S CURRENT GUIDELINES.

WETLAND NOTES:

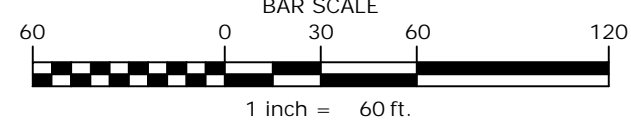
1. WETLAND/WATERCOURSE DELINEATION WAS COMPLETED BY C. T. MALE ASSOCIATES IN SEPTEMBER 2024 IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS (CORPS) WETLAND DELINEATION MANUAL (1987 WDM) AND THE 2001 WDM. THE 2001 WDM, AND ITS SUPPLEMENT, AS WELL AS THE NYSDEC FRESHWATER WETLAND DELINEATION MANUAL DATED JULY 1995, LABELING FLAGGED WAS SET IN THE FIELD AND LOCATED WITH A TRIMBLE G507X GPS UNIT.
2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT AND OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT" EVERY 200' SHALL BE INSTALLED. THE 200' ORANGE CONSTRUCTION FENCING SHALL BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PERIMETER FENCING, LANDSCAPING, SOLAR ARRAY COMPONENTS, AND TREE CLEARING/BUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE ACTIVITIES. THE CONTRACTOR SHALL MAINTAIN IN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
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4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF EXCESS EQUIPMENT OR EXCESS FUEL. EXCESS FUEL SHALL BE REMOVED FROM THE WETLAND AREAS. ALL "EXCESS" VEGETATION WILL BE REMOVED FROM THE WETLAND AREAS. NO MORE THAN A THIN LAYER OF MULCH WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.












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LEGEND:

SOLAR PANEL
UTILITY POLE
PERIMETER FENCE
PROPOSED TREE LINE
UNDERGROUND ELECTRIC LINE
DELINEATED WETLAND
PERVIOUS GRAVEL ROAD
CONCRETE EQUIPMENT PAD
WILLOW HEDGE
COMPOST FILTER SOCK
TEMPORARY STAGING AREA
LIMITS OF DISTURBANCE
ORANGE CONSTRUCTION FENCE



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SOLAR ARRAY - AREA 1

MOREAU COMMUNITY SOLAR PROJECT

TOWN OF MOREAU

SARATOGA COUNTY, NEW YORK

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

C-103
SHEET 04 OF 18

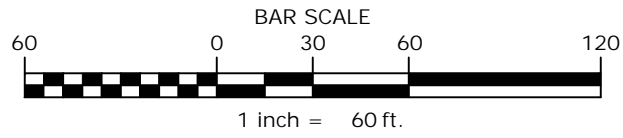
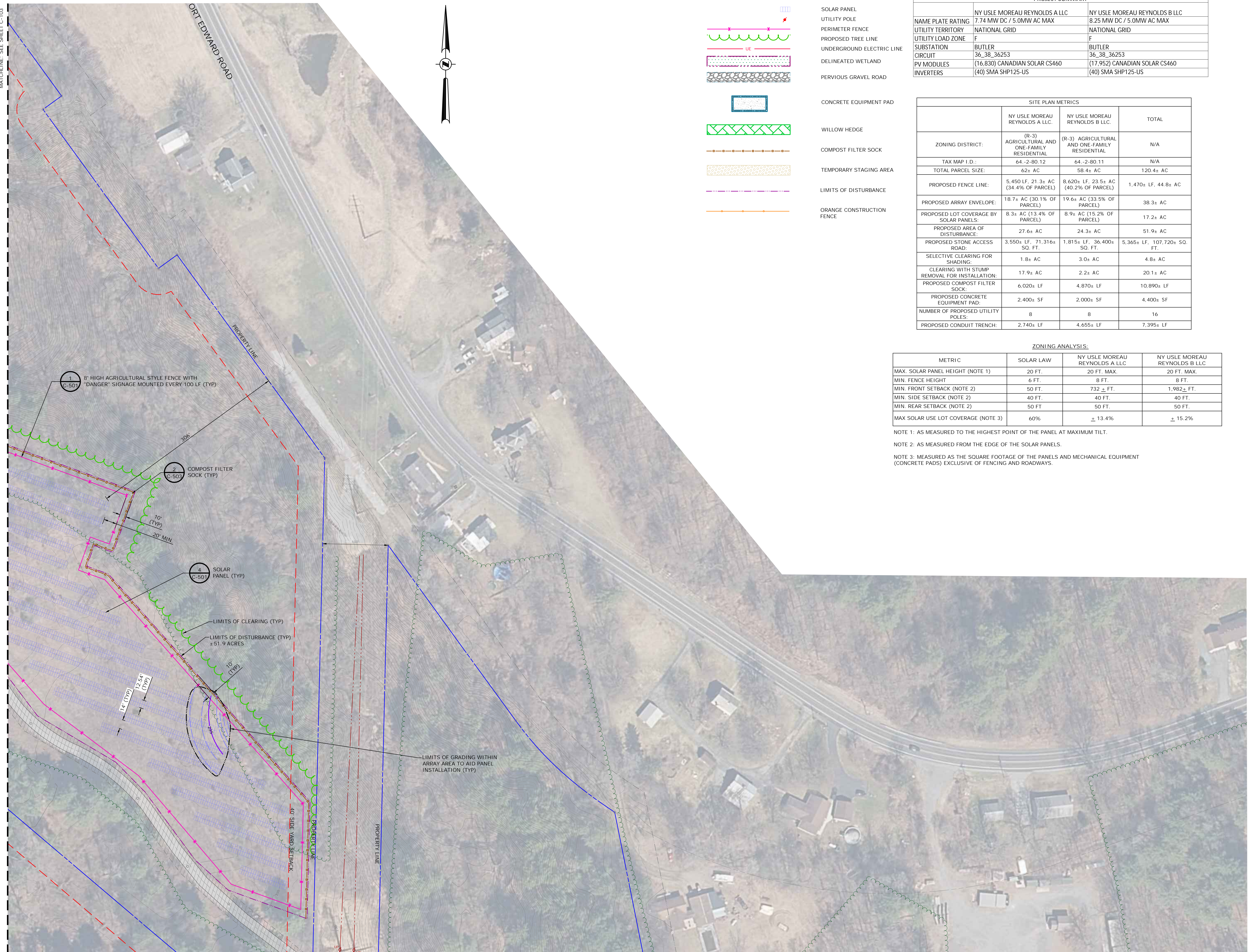
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PROPOSED AREA OF DISTURBANCE:	27.6± AC	24.3± AC	51.9± AC
PROPOSED STONE ACCESS ROAD:	3,550± LF, 71.31± SQ. FT.	1,815± LF, 36.400± SQ. FT.	5,365± LF, 107.720± SQ. FT.
SELECTIVE CLEARING FOR SHADING:	1.8± AC	3.0± AC	4.8± AC
CLEARING WITH STUMP REMOVAL 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

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- WETLANDS NOTES:**
1. WETLAND/WATERCOURSE DELINEATION WAS COMPLETED BY T. MALE ASSOCIATES IN SEPTEMBER 2024 IN ACCORDANCE WITH THE 1987 U.S. ARMY CORPS OF ENGINEERS (CORPS) WETLAND DELINEATION MANUAL AND THE NORTH CENTRAL 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 G670X GPS UNIT.
 2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT AND OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT" EVERY 200' SHALL BE INSTALLED AS DEPICTED. SECTIONS OF THE ORANGE CONSTRUCTION FENCING MAY BE TEMPORARILY REMOVED TO ALLOW FOR INSTALLATION OF PERMANENT FENCE, LANDSCAPE TREES, LANDSCAPE PLANTMENTS, AND TREE CLEARING/BRUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE TASKS. THE CONTRACTOR SHALL MAINTAIN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
 3. TIMBER MATTING SHALL BE UTILIZED IN AREAS OF PONDED WATER OR SATURATED AREAS WITHIN THE WETLAND DURING CONSTRUCTION TO LIMIT TEMPORARY DISTURBANCE OF THE WETLAND. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED TIMBER MATTING SHALL BE REMOVED FROM THE WETLANDS.
 4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF MECHANIZED EQUIPMENT. CUTTING SHALL BE AT OR ABOVE GRAD WITHOUT THE REMOVAL OF STUMPS ALL "EXCESS" VEGETATION WILL BE REMOVED FROM THE WETLAND AREAS. NO MORE THAN A THIN LAYER OF FILL WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
 5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.



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							© 2025 C.T. MALE ASSOCIATES
							DESIGNED: MLS
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							CHECKED : OKS
							PROJ. NO : 24.5097
							SCALE : 1"=60'
							DATE : FEB. 04, 2025

<h2 style="margin: 0;">SOLAR ARRAY - AREA 2</h2>	
<h3 style="margin: 0;">MOREAU COMMUNITY SOLAR PROJECT</h3>	
TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%;"> <p>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 - DOUGKEEPSIE, NY - SYRACUSE, NY</p> </div> <div style="width: 35%; text-align: center;">  <p>www.ctmale.com</p> </div> </div>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 60%;"></div> <div style="width: 35%; text-align: center;"> <div style="font-size: 2em; font-weight: bold; margin-bottom: 5px;">C-104</div> <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> SHEET 05 OF 18 </div> <div style="font-weight: bold; margin-top: 5px;">DWG. NO: 24-0607</div> </div> </div>	



- NOTE:**

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

- 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 NORTH CAROLINA WETLANDS Delineation Supplement. THE 1987 WETLAND DELINEATION MANUAL AND THE 1987 FRESHWATER WETLAND DELINEATION MANUAL, DATED JULY 1996, LABELLED FLAGGING WAS SET IN THE FIELD AND LOCATED WITH A TRIMBLE G607X GPS UNIT.
2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT AND OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT- EVERY 200' SHALL BE INSTALLED AND THE 10' SECTION OF THE ORANGE FENCING SHALL BE REMOVED. THE FENCING SHALL BE REMOVED TO ALLOW FOR THE INSTALLATION OF PERIMETER FENCING, LANDSCAPING, SOLAR ARRAY COMPONENTS, AND TREE CLEARING/BRUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE TASKS. THE CONTRACTOR SHALL MAINTAIN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
3. TIMBER MATTING SHALL BE UTILIZED IN AREAS OF PONDED WATER OR SATURATED AREAS WITHIN THE WETLAND DURING CONSTRUCTION TO LIMIT TEMPORARY DISTURBANCE OF THE WETLAND. ONCE CONSTRUCTION ACTIVITIES ARE COMPLETED TIMBER MATTING SHALL BE REMOVED FROM THE WETLANDS.
4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF "CHAINS" OR EQUIPMENT THAT COULD SHAKE OR VIBRATE THE SOIL. ONLY EXCESSIVE WEEDS AND ALL "EXCESS" VEGETATION WILL BE REMOVED FROM THE WETLAND AREAS. NO MORE THAN A THIN LAYER OF MULCH WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.

ZONING ANALYSIS:

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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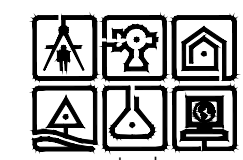
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DRAFTED: DCP
CHECKED: OKS
PROJ. NO : 24.5097
SCALE : 1"=60'
DATE : FEB. 04, 2025

MOREAU COMMUNITY SOLAR PROJECT

TOWN OF MOREAU

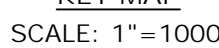
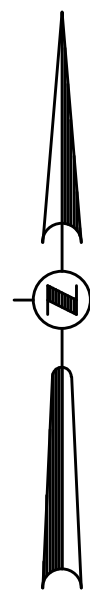
SARATOGA COUNTY, NEW YORK

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



C-105

SHEET 06 OF 18



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.:	64-2-80.12	64-2-80.11	N/A
TOTAL PARCEL SIZE:	62± AC	58± AC	120± 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 APPRAISED ENVELOPE:	18.7± AC (30.1% OF PARCEL)	19.6± AC (33.5% OF PARCEL)	38.3± AC
PROPOSED LOT COVERAGE BY SOLAR PANEL:	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± SQ. FT.
SELECTIVE CLEARING FOR SHADING:	1.8± AC	3.0± 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

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.

NOTE:







1. DIG SAFELY NEW YORK (PHONE 800-762-7962 / PHONE 811 / [WWW.UDIG.ORG](http://www.UDIG.org)) 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 GRADING OUTSIDE OF PROPOSED GRADING AREAS AND ACCESS ROAD SHALL BE LIMITED TO THE MINIMUM REQUIRED TO MAINTAIN ACCESS TO THE INSTALLATION OF THE SOLAR ENERGY SYSTEM COMPONENTS AND PERVIOUS STATE ACCESS ROAD. PER THE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS ALL DISPLACED TOPSOIL OBTAINED DURING CONSTRUCTION SHALL BE STOCKPILED TO BE USED FOR REGRADING AND RESEEDING OF THE DISTURBED AREAS. THE REGRADING AND RESEEDING OF THE DISTURBED AREAS AND ANY REMAINING TOPSOIL SHALL BE EVENLY SPREAD WITHIN THE DISTURBED AREAS. REGRADING AND RESEEDING SHALL BE DONE TO THE SATISFACTION OF THE CONTRACTOR'S DISCRETION AND SHALL NOT ALTER THE SLOPE OF HYDROLOGY OF THE AREA.

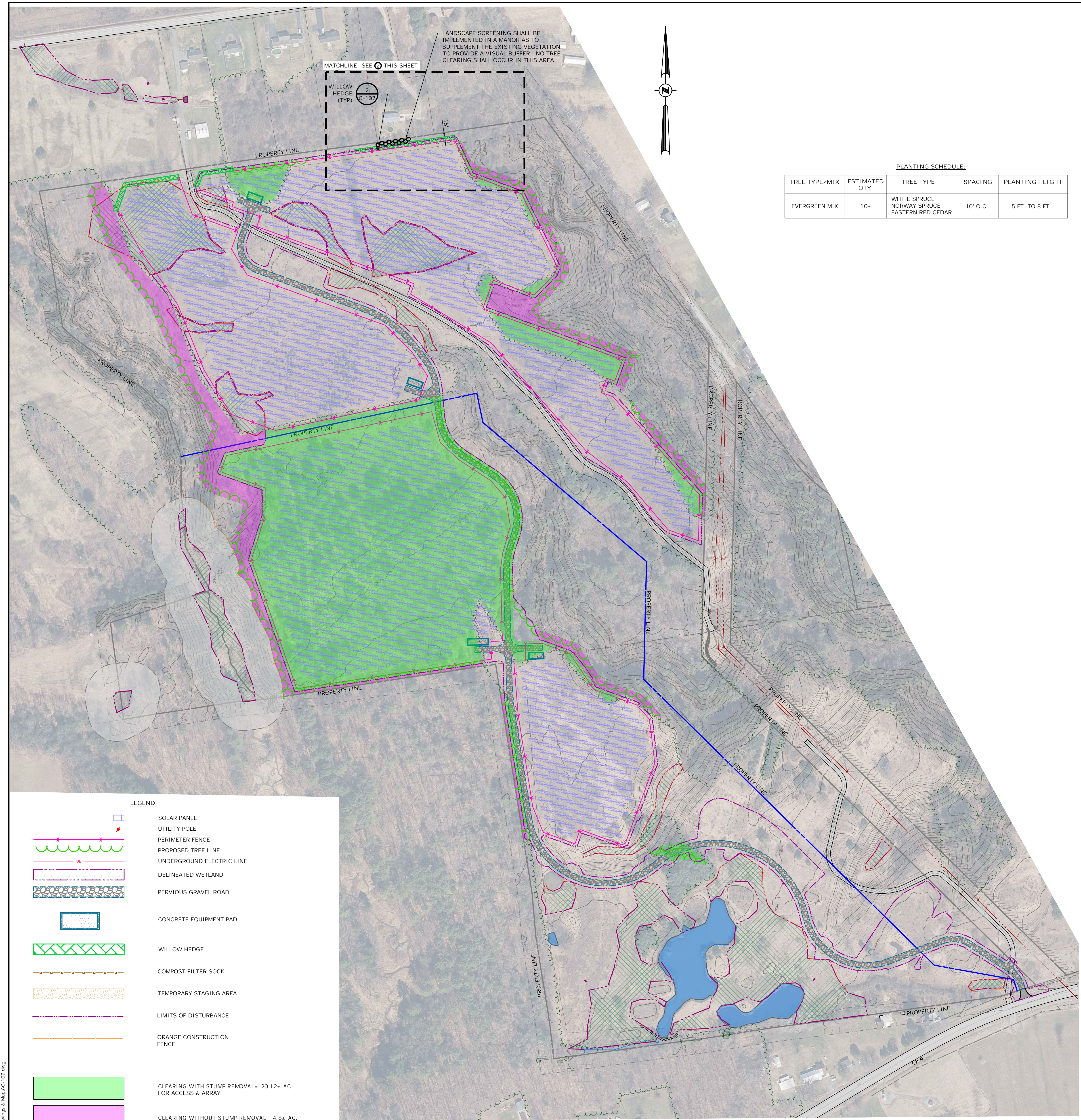
NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS (NYSDAM)

1. ALL SITE WORK SHALL CONFORM TO THE NYSMAD GUIDELINE FOR SOLAR ENERGY PROJECTS: CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS (REVISIONS 10/18/2019).
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE PROJECT EROSION CONTROL PLAN. THE COMMENCEMENT OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SITE WORK SHALL BE COMPLETED IN CONFORMANCE WITH ALL APPLICABLE NYSMAD GUIDELINES INCLUDING BUT NOT LIMITED TO:
 - 1. PLANTING, STOCKPILING, SPREADING, SEEDING, AND SITE RESTORATION IS TO BE PERFORMED IN ACCORDANCE WITH THE NYS DEPARTMENT OF AGRICULTURE & MARKETS GUIDELINES FOR SOLAR PROJECTS.
 - 2. THE CONTRACTOR SHALL NOTIFY DCS SAFELY NEW YORK (UDIG NY OR CALL 811) PRIOR TO CONSTRUCTION.
3. THERE SHALL BE A DESIGNATED ENVIRONMENTAL MONITOR ON SITE WHENEVER CONSTRUCTION OR RESTORATION WORK IS OCCURRING ON AGRICULTURE LAND. COORDINATION WITH THE NYSMAD DIVISION OF LAND AND NATURAL RESOURCES SHALL BE MAINTAINED THROUGHOUT THE SCHEDULE FOR INSPECTIONS AND ENSURE COMPLIANCE WITH THE DEPARTMENT'S CURRENT GUIDELINES.

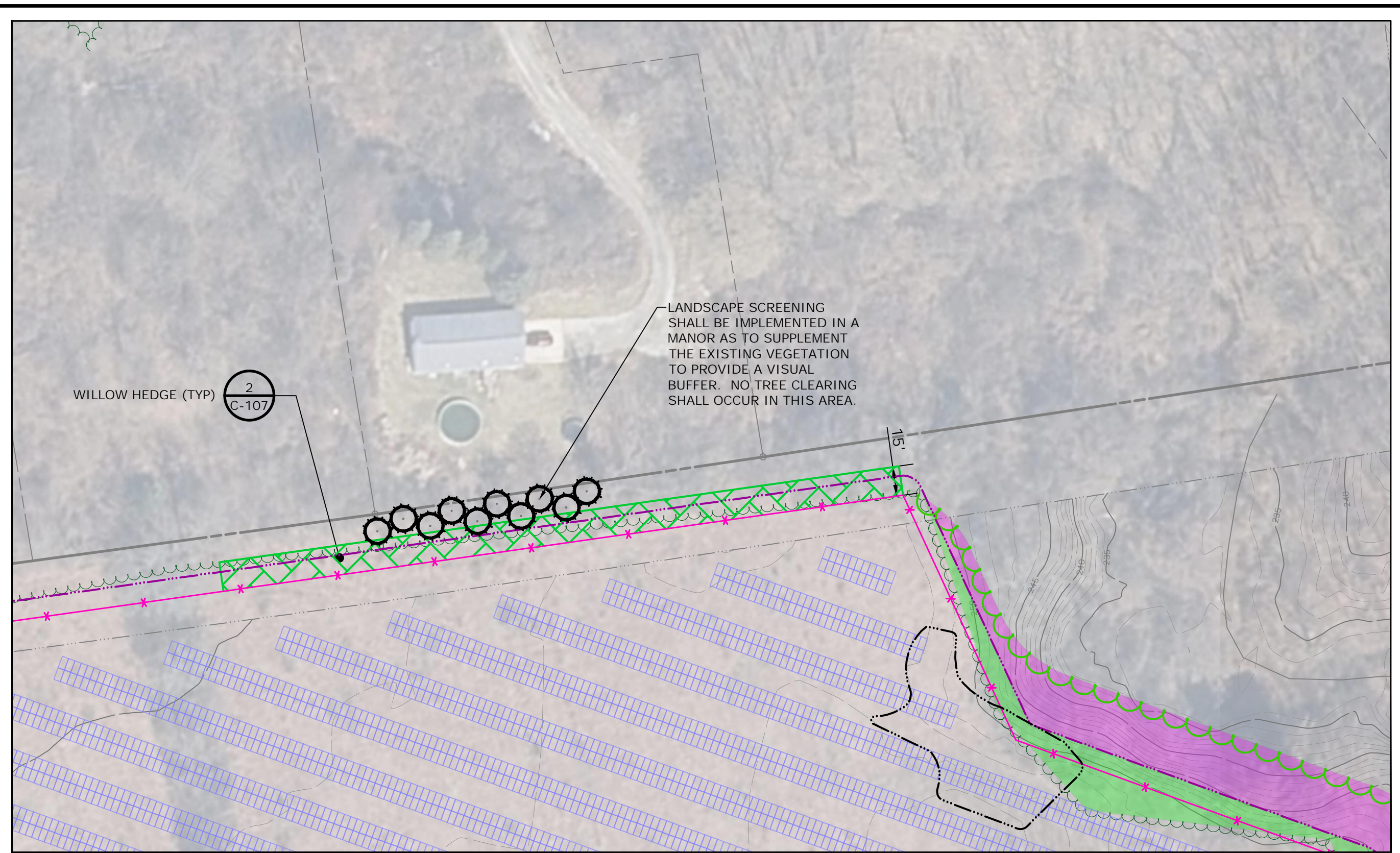
WETLAND NOTES:

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 (1987 DELINEATION MANUAL) AND THE 2008 DELINEATION MANUAL SUPPLEMENT, AS WELL AS THE MYSDOC FRESHWATER WETLAND DELINEATION MANUAL DATED JULY 1996. LABELLED FLAGGING WAS SET IN THE FIELD AND LOCATED WITH A TRIMBLE G607X GPS UNIT.
2. PRIOR TO CONSTRUCTION ALL WETLANDS SHALL BE STAKED OUT OR REFLAGGED THEN ORANGE CONSTRUCTION FENCING WITH POSTED SIGNAGE "WETLANDS KEEP OUT" EVERY 200' SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. FENCING MAY BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PERIMETER FENCING, LANDSCAPING, SOLAR ARRAY COMPONENTS, AND TREE CLEARING/BRUSH REMOVAL AS SHOWN BUT SHALL BE REPLACED UPON COMPLETION OF THESE TASKS. THE CONTRACTOR SHALL MAINTAIN THE ORANGE CONSTRUCTION FENCING FOR THE DURATION OF CONSTRUCTION.
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4. TREE CLEARING WITHIN THE LIMITS OF THE WETLANDS SHALL BE COMPLETED WITHOUT THE USE OF EXCESSIVE EQUIPMENT OR METHODS. EXCESSIVE EQUIPMENT OR METHODS SHALL BE LIMITED TO "ALL EXCESS" VEGETATION WILL BE REMOVED FROM THE WETLAND AREAS. NO MORE THAN A THIN LAYER OF MULCH WILL BE SPREAD OVER THE PRESERVED WETLAND SOIL.
5. NO FILL MATERIAL SHALL BE DISCHARGED TO THE WETLANDS.

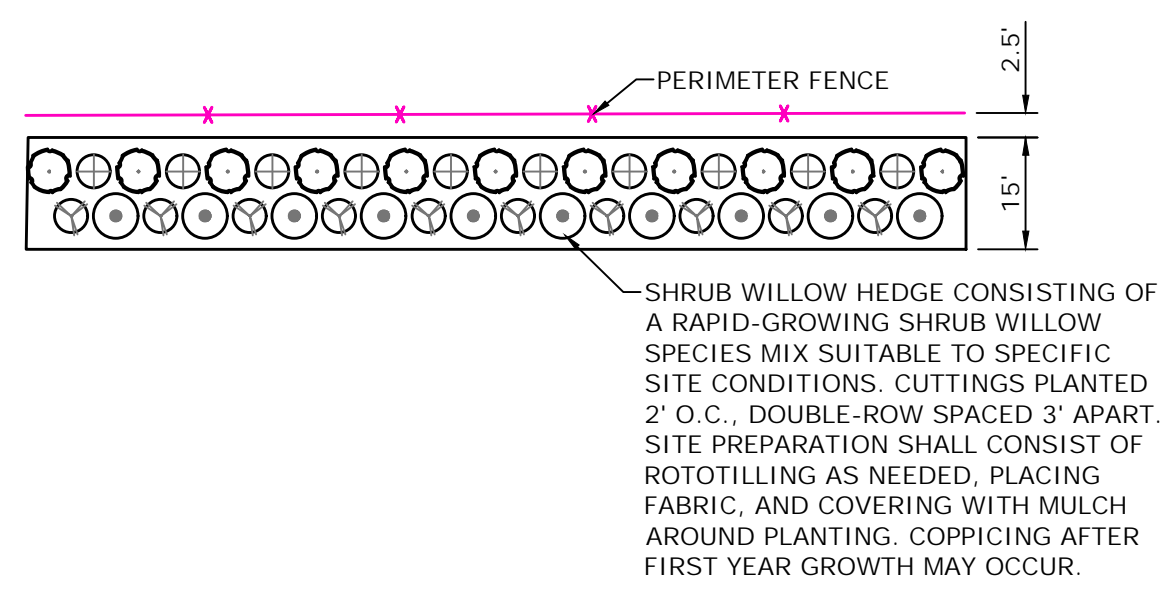
OWEN KIEHL SPEILSTRAS P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.	SOLAR ARRAY -AREA 4
						© 2025 C.T. MALE ASSOCIATES	
						DESIGNED: MLS	MOREAU COMMUNITY SOLAR PROJECT
						DRAFTED : DCP	
						CHECKED : OKS	TOWN OF MOREAU
						PROJ. NO : 24.5097	SARATOGA COUNTY, NEW YORK
						SCALE : 1"=60'	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 · POUQUICKESPEE, NY · SYRACUSE, NY www.ctmale.com
						DATE : FEB. 04, 2025	
						  	C-106 SHEET 07 OF 18 DWG. NO: 24-0607
						  	



PLANTING SCHEDULE:				
TREE TYPE/MIX	ESTIMATED QTY.	TREE TYPE	SPACING	PLANTING HEIGHT
EVERGREEN MIX	10±	WHITE SPRUCE NORWAY SPRUCE EASTERN RED CEDAR	10' O.C.	5 FT. TO 8 FT.



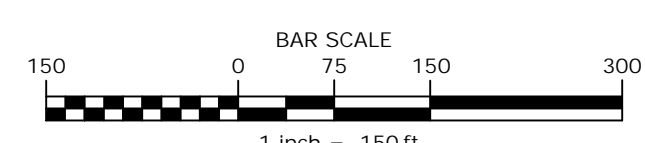
2 CLEARING & LANDSCAPING ENLARGEMENT
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CROSS REFERENCE: NONE



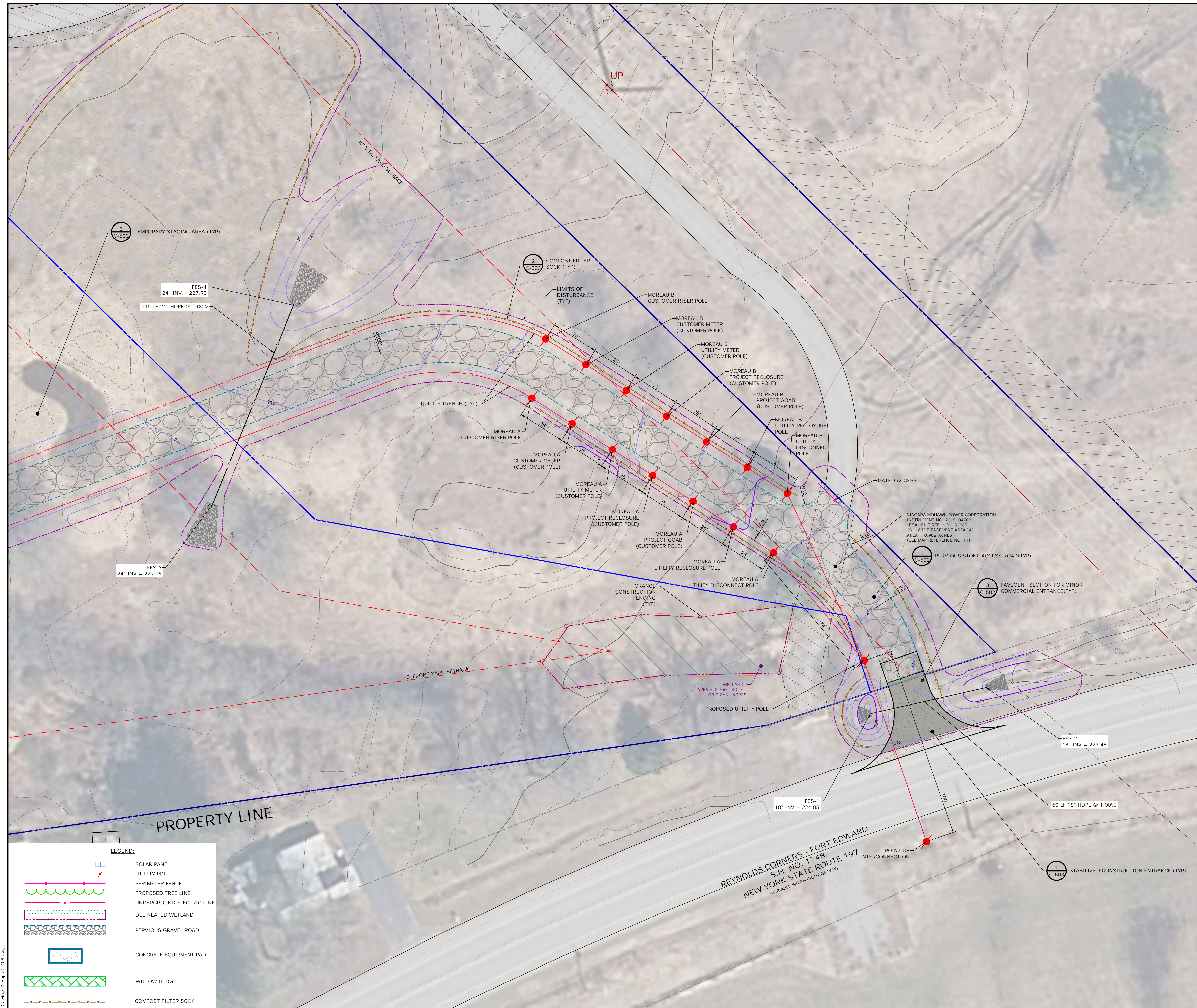
3 WILLOW HEDGE
SCALE: 1" = 60'
CROSS REFERENCE: NONE

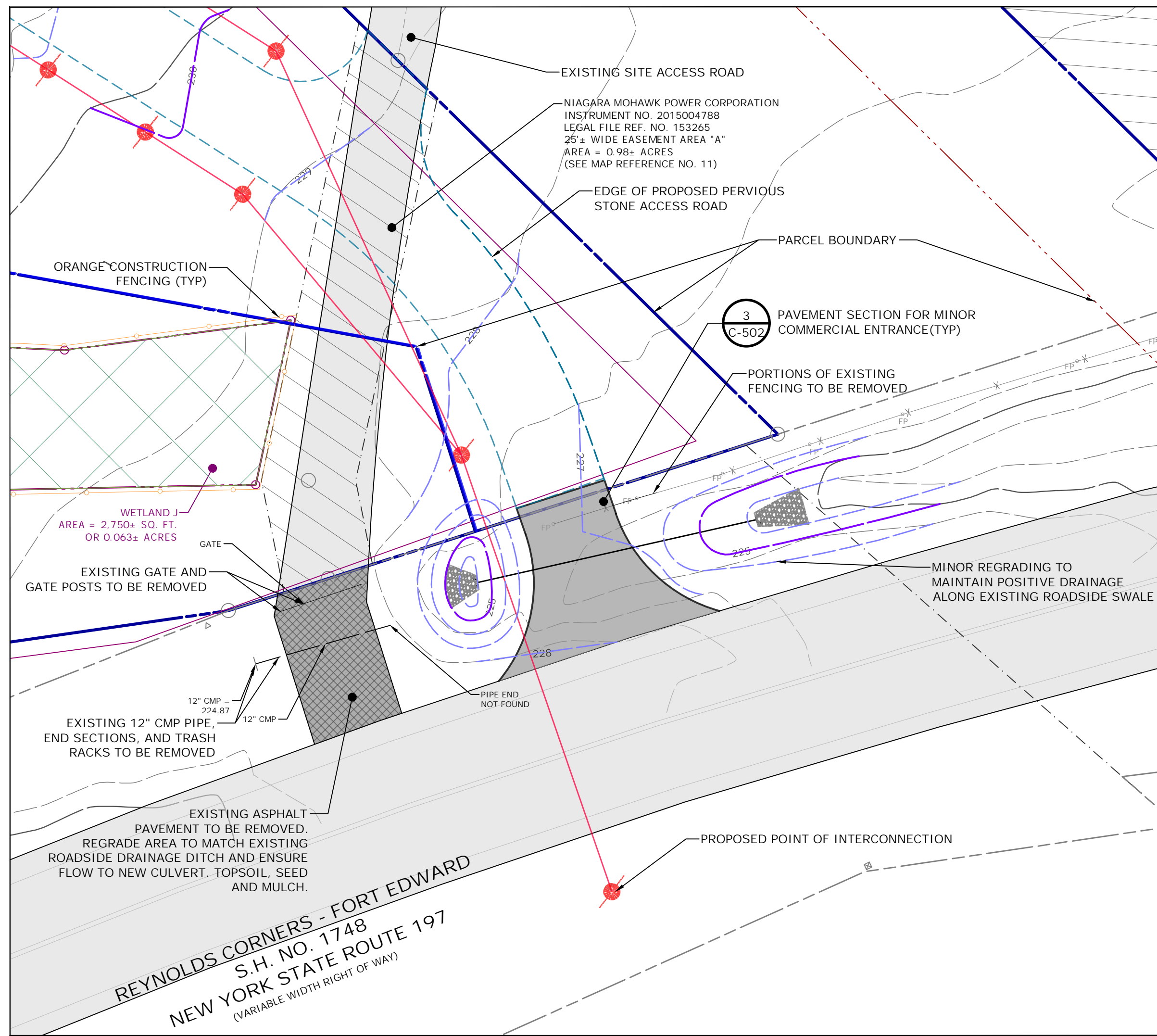
- LEGEND:**
- SOLAR PANEL
 - UTILITY POLE
 - PERIMETER FENCE
 - PROPOSED TREE LINE
 - UNDERGROUND ELECTRIC LINE
 - DELINEATED WETLAND
 - PERVIOUS GRAVEL ROAD
 - CONCRETE EQUIPMENT PAD
 - WILLOW HEDGE
 - COMPOST FILTER SOCK
 - TEMPORARY STAGING AREA
 - LIMITS OF DISTURBANCE
 - ORANGE CONSTRUCTION FENCE
 - CLEARING WITH STUMP REMOVAL= 20.12± AC. FOR ACCESS & ARRAY
 - CLEARING WITHOUT STUMP REMOVAL= 4.8± AC. TO REDUCE PANEL SHADING

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

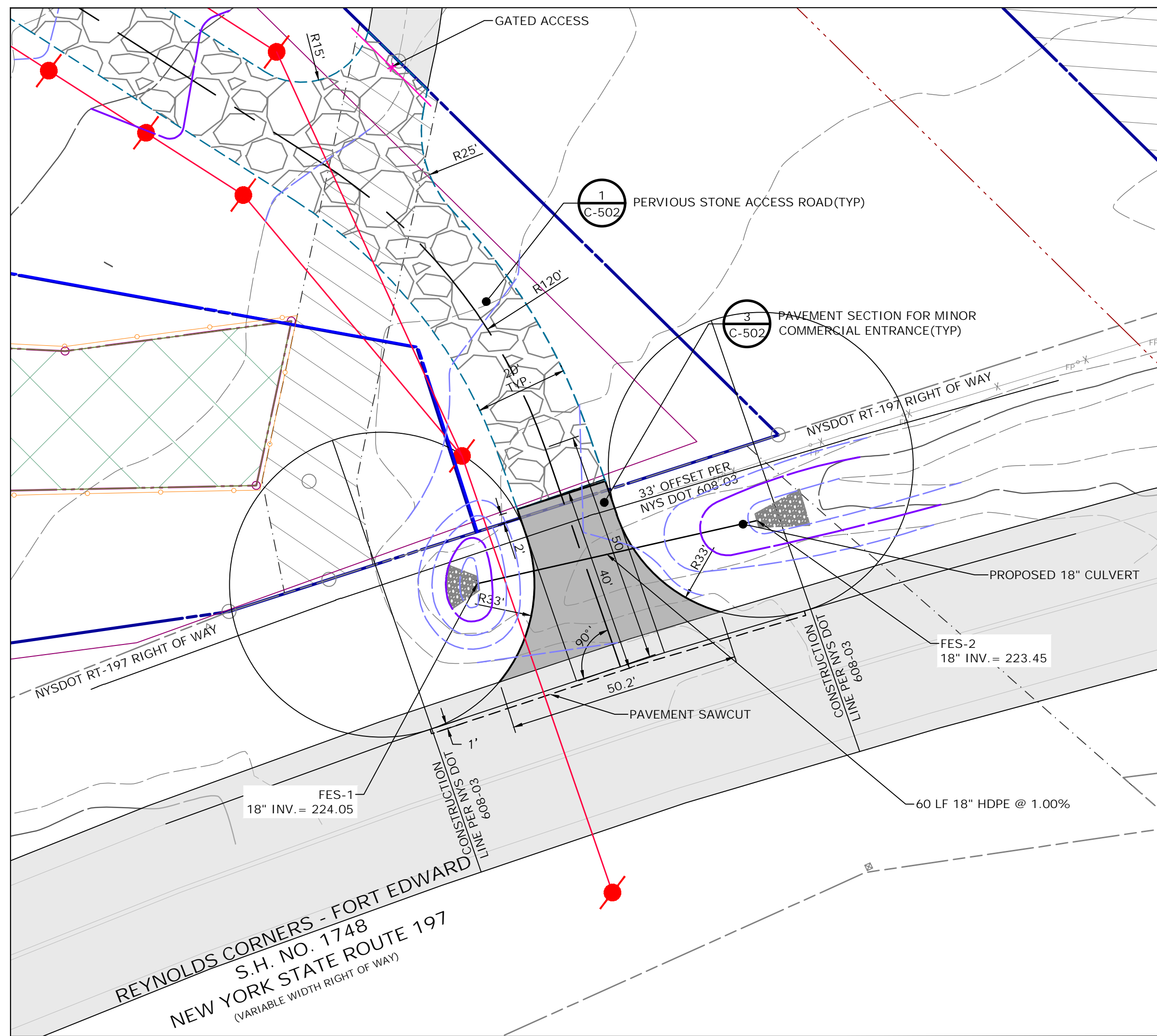


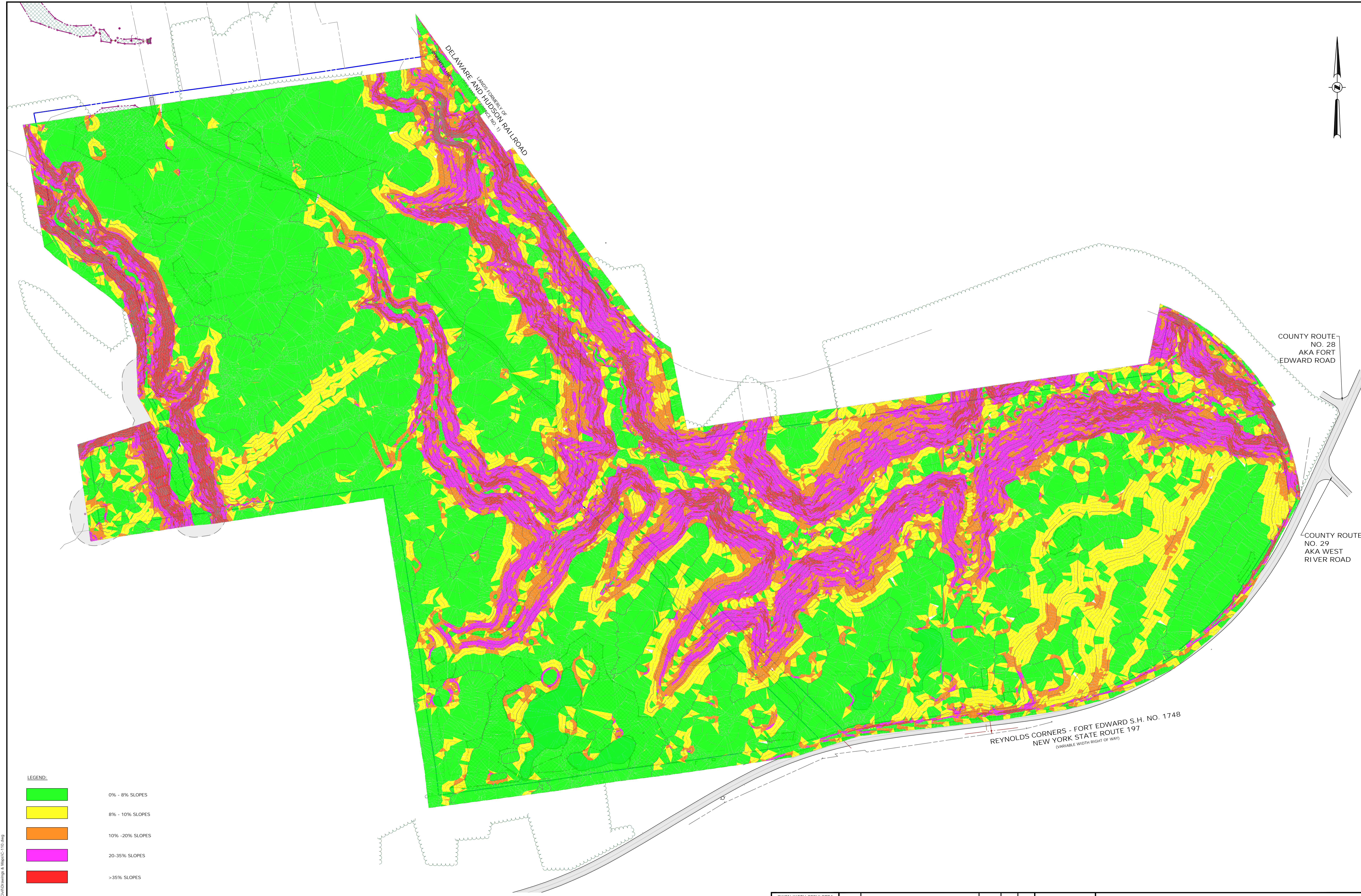
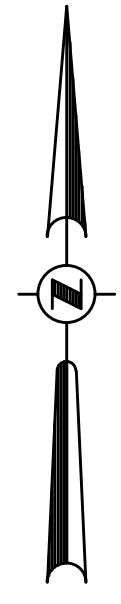
OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW. © 2025 C.T. MALE ASSOCIATES DESIGNED: MLS DRAFTED: DCP CHECKED: OKS PROJ. NO.: 24-5097 SCALE: 1"=150' DATE: FEB. 04, 2025	CLEARING & LANDSCAPING PLAN	
							MOREAU COMMUNITY SOLAR PROJECT	
							TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK
							C.T. MALE ASSOCIATES Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.796.7400 GLENS FALLS, NY · JOHNSTOWN, NY · ROUSSEKEEPSIE, NY · SYRACUSE, NY www.ctmale.com	
							C-107 SHEET 08 OF 18 DWG. NO: 24-0607	





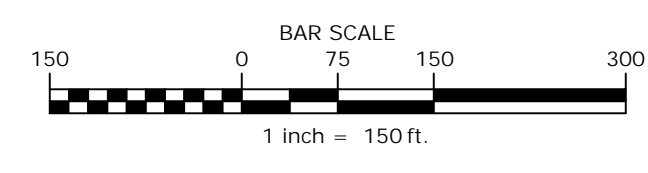
1 MINOR COMMERCIAL ENTRANCE SITE PLAN
SCALE: 1" = 20'
CROSS REFERENCE: NONE





LEGEND:

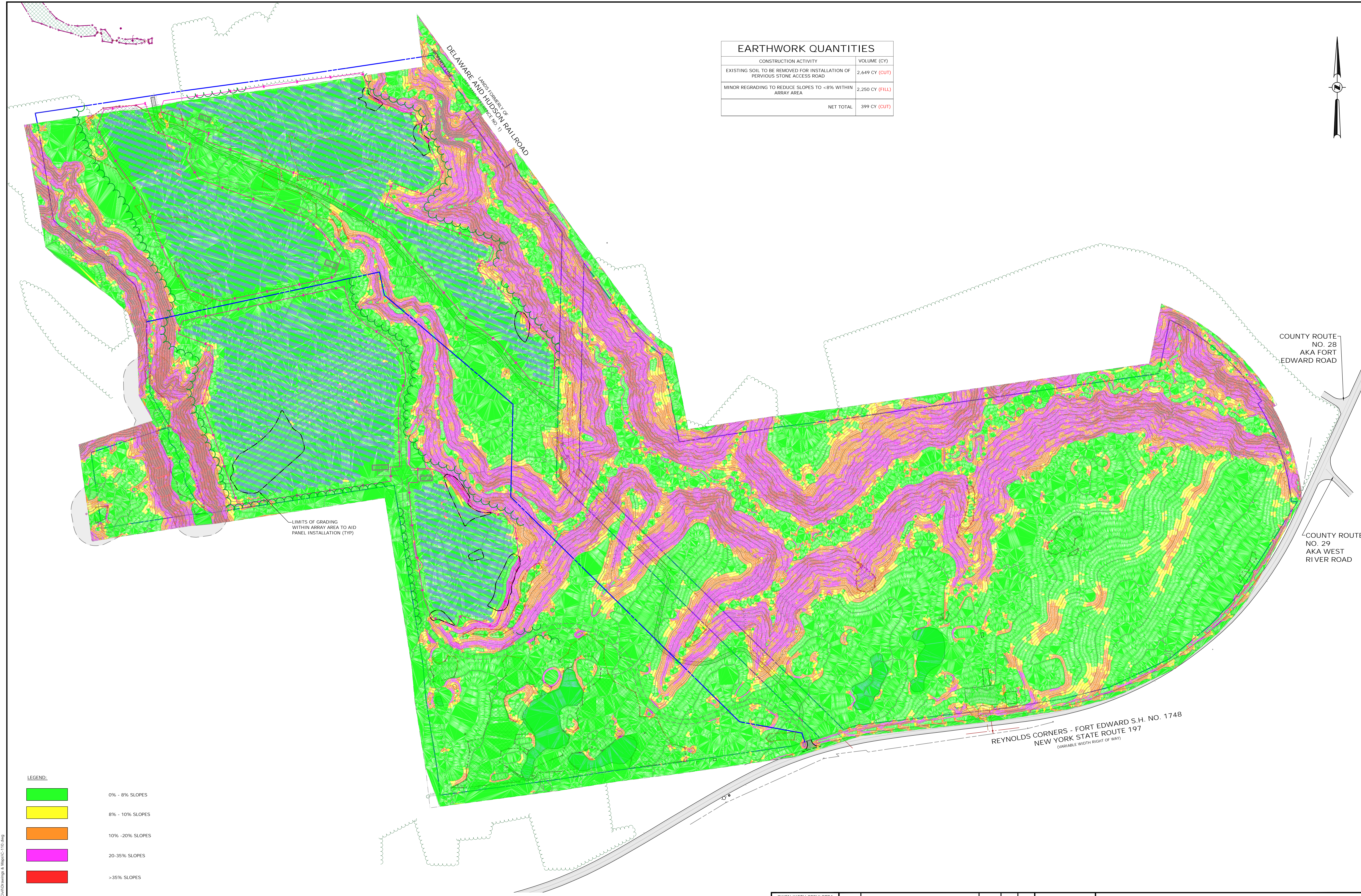
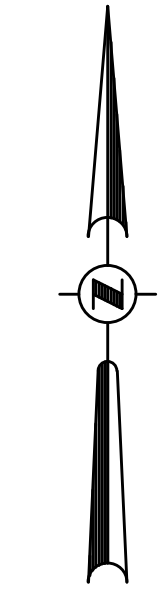
	0% - 8% SLOPES
	8% - 10% SLOPES
	10% - 20% SLOPES
	20-35% SLOPES
	>35% SLOPES



CAD DWG FILE NAME: K:\Projects\245097\Civil\Drawings & Maps\C-110.dwg

OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION			DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW © 2025 C.T. MALE ASSOCIATES DESIGNED: MLS DRAFTED: DCP CHECKED: OKS PROJ. NO.: 24-5097 SCALE: 1"=150' DATE: FEB. 04, 2025	EXISTING SLOPES	
									MOREAU COMMUNITY SOLAR PROJECT	
									TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK
									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 · ROUGHRKEEPSIE, NY · SYRACUSE, NY 	
									C-110 SHEET 11 OF 18 DWG. NO: 24-0607	

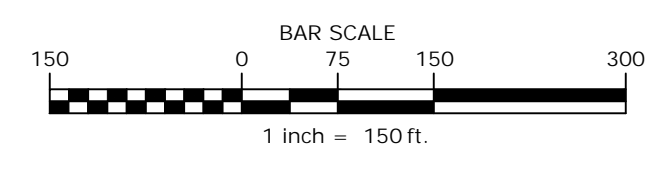
EARTHWORK QUANTITIES	
CONSTRUCTION ACTIVITY	VOLUME (CY)
EXISTING SOIL TO BE REMOVED FOR INSTALLATION OF PERVIOUS STONE ACCESS ROAD	2,649 CY (CUT)
MINOR REGRADING TO REDUCE SLOPES TO <8% WITHIN ARRAY AREA	2,250 CY (FILL)
NET TOTAL	399 CY (CUT)



LIMITS OF GRADING
WITHIN ARRAY AREA TO AID
PANEL INSTALLATION (TYP)

- LEGEND:
- 0% - 8% SLOPES
 - 8% - 10% SLOPES
 - 10% - 20% SLOPES
 - 20-35% SLOPES
 - >35% SLOPES

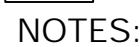
REYNOLDS CORNERS - FORT EDWARD S.H. NO. 1748
NEW YORK STATE ROUTE 197
(VARIABLE WIDTH RIGHT OF WAY)



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							MOREAU COMMUNITY SOLAR PROJECT		
							TOWN OF MOREAU		
							SARATOGA COUNTY, NEW YORK		
© 2025 C.T. MALE ASSOCIATES DESIGNED: MLS DRAFTED: DCP CHECKED: OKS PROJ. NO.: 24.5097 SCALE: 1"=150' 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 · ROUGHRKEEPSIE, NY · SYRACUSE, NY www.ctmale.com		
							C-111 SHEET 12 OF 18 DWG. NO: 24-0607		



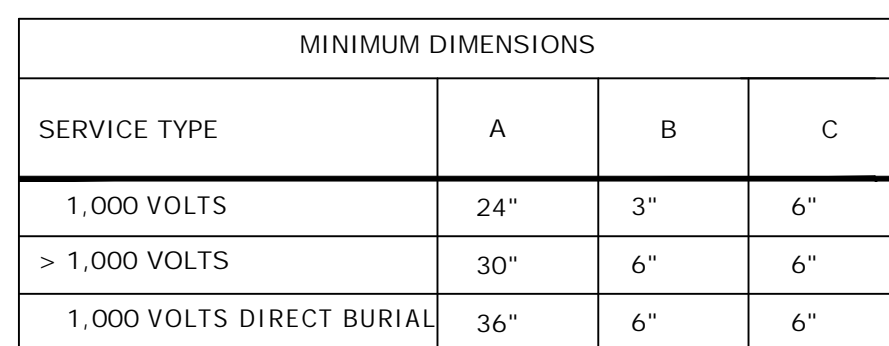
PERIMETER FENCE
SCALE: NONE
CROSS REFERENCE: NONE



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±' W X 8±' 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

SCALE: NONE
CROSS REFERENCE: NONE



NOTES:

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

7 TYPICAL CONDUIT TRENCH SECTION

C-501 SCALE: NONE
CROSS REFERENCE: NONE

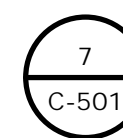


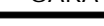
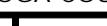
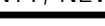
5 **SIGNAGE DETAIL**
C-501 SCALE: NONE
CROSS REFERENCE: NONE



1. SIGN TO BE STAINLESS STEEL OR APPROVED EQUIVALENT AND INSTALLED ON APPROPRIATE METAL POSTS.
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.

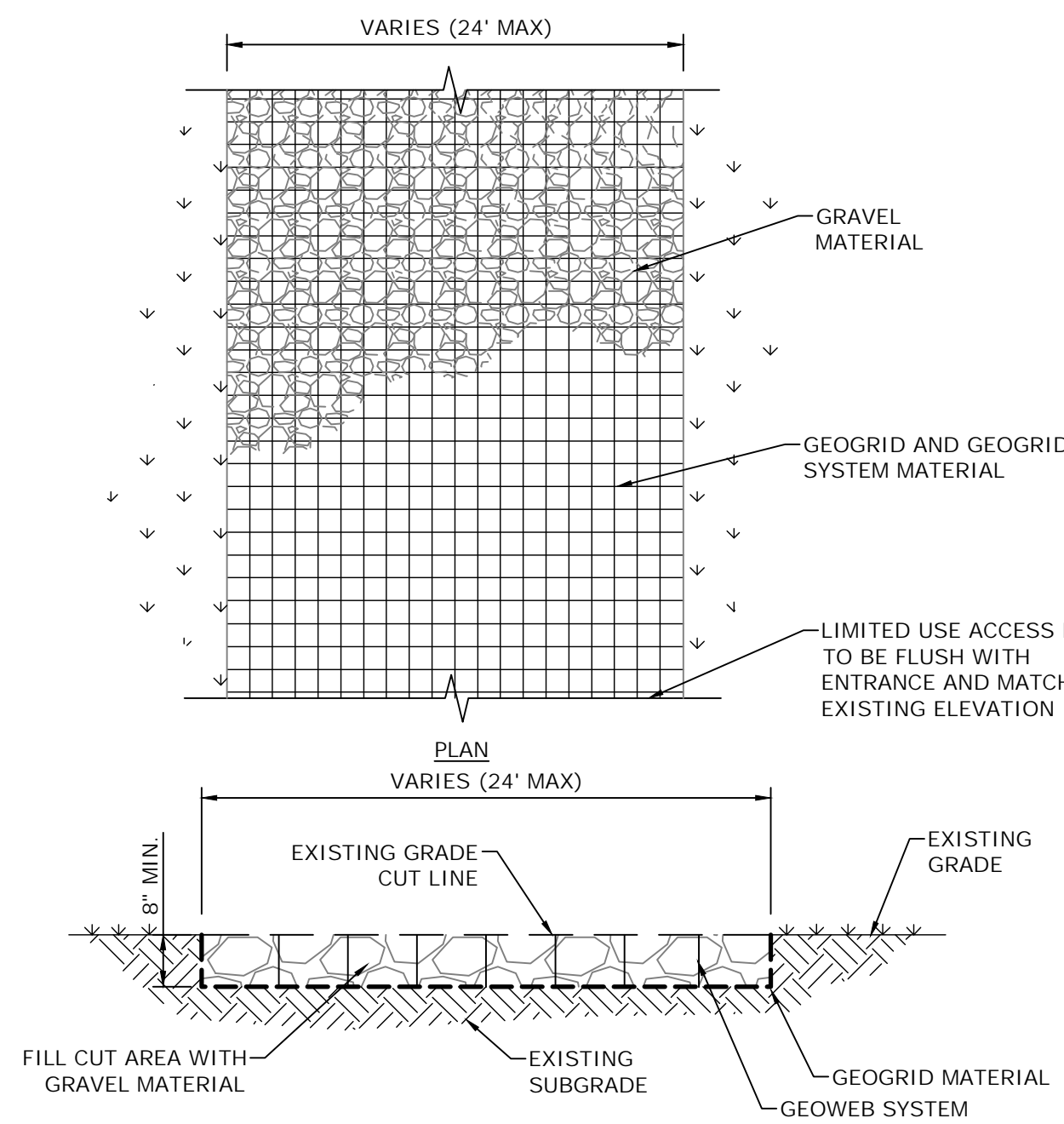
PROJECT SIGNAGE
 SCALE: NONE
 CROSS REFERENCE: NONE



OWEN KIETH SPEULTSTRA P.E. NO. 104125	DATE	REVISONS RECORD/DESCRIPTION			DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW © 2025 C.T. MALE ASSOCIATES	SITE DETAILS		
		△							MOREAU COMMUNITY SOLAR PROJECT		
		△							TOWN OF MOREAU		
		△							SARATOGA COUNTY, NEW YORK		
		△							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 www.ctmale.com		
		△							  		
		△							C-501 SHEET 13 OF 18 DWG. NO: 24-0607		
		△									
		△									
		△									

NOTES FOR PERVIOUS ACCESS ROADS:

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 THE ACCESS DRIVE SHOULD NOT EXCEED 15%.
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 DE-COMPACTION. ONCE COMPLETED THE CONTRACTOR MAY INSTALL THE LIMITED ACCESS.
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.

**LIMITED USE PERVIOUS ACCESS ROAD****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 QUALITY, MEETING THE SPECIFICATIONS OF NYSOT ITEM 703-02. SIZE DESIGNATION 3-5 OF TABLE 703-4. STONE MAY BE PLACED IN FRONT OF, AND SPREAD WITH, A TRACKED VEHICLE. GRAVEL SHALL NOT BE COMPACTED.
3. GEOGRID SHALL BE MIRAFI BXG110 OR APPROVED EQUAL. GEOGRID SHALL BE DESIGNED BASED ON EXISTING SOIL CONDITIONS AND PROPOSED HAUL ROAD SLOPES.
4. IF MORE THAN ONE ROLL WIDTH IS REQUIRED, ROLLS SHOULD OVERLAP A MINIMUM OF SIX INCHES.
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 NYSOT ITEM 703-02 SPECIFICATIONS.

BASIS OF DESIGN: TENCATE MIRAFI BXG110 GEOGRIDS; 365 SOUTH HOLLAND DRIVE, PENDERGRASS, GA 800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM

GEOWEB MATERIAL NOTES:

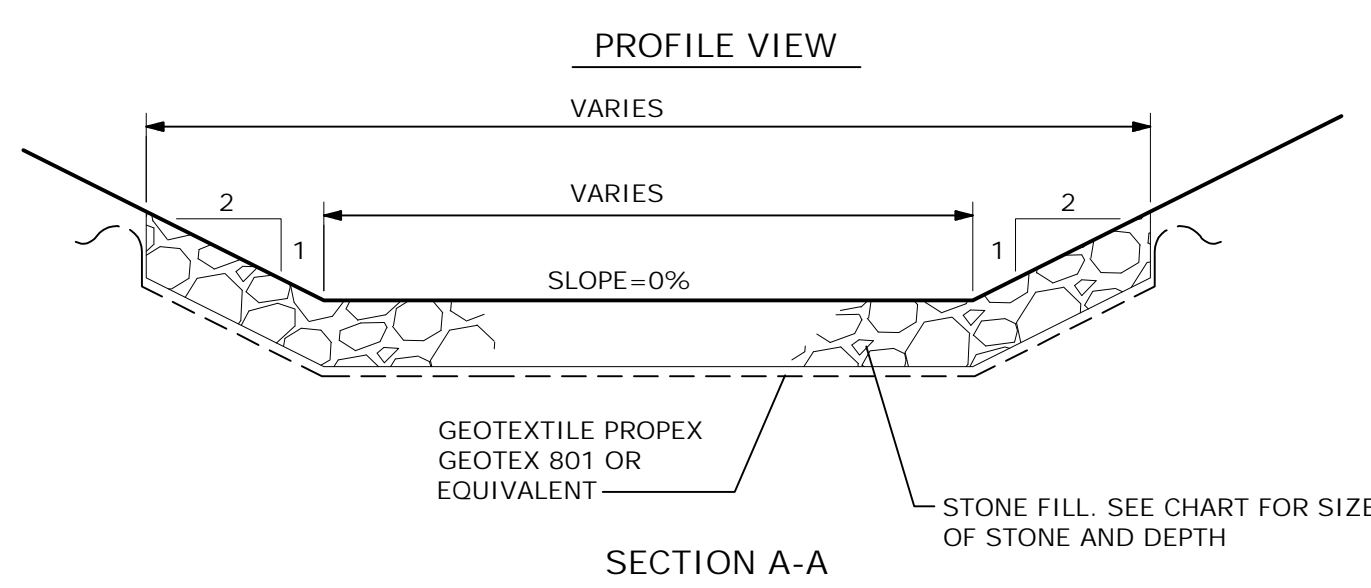
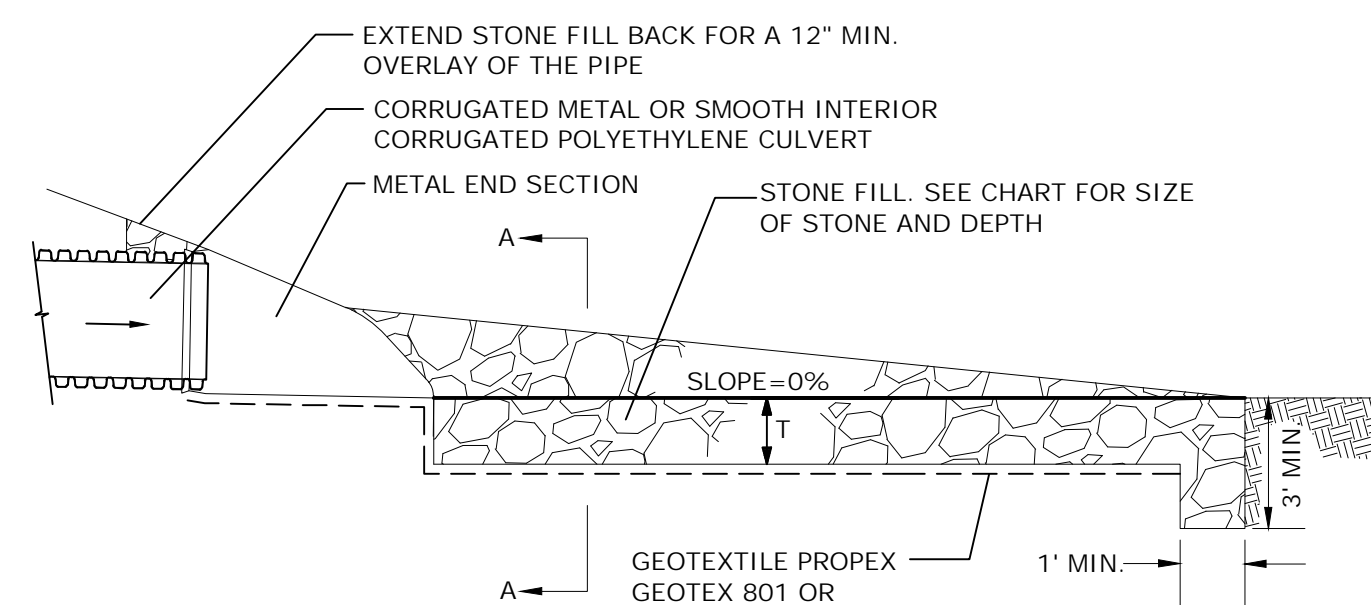
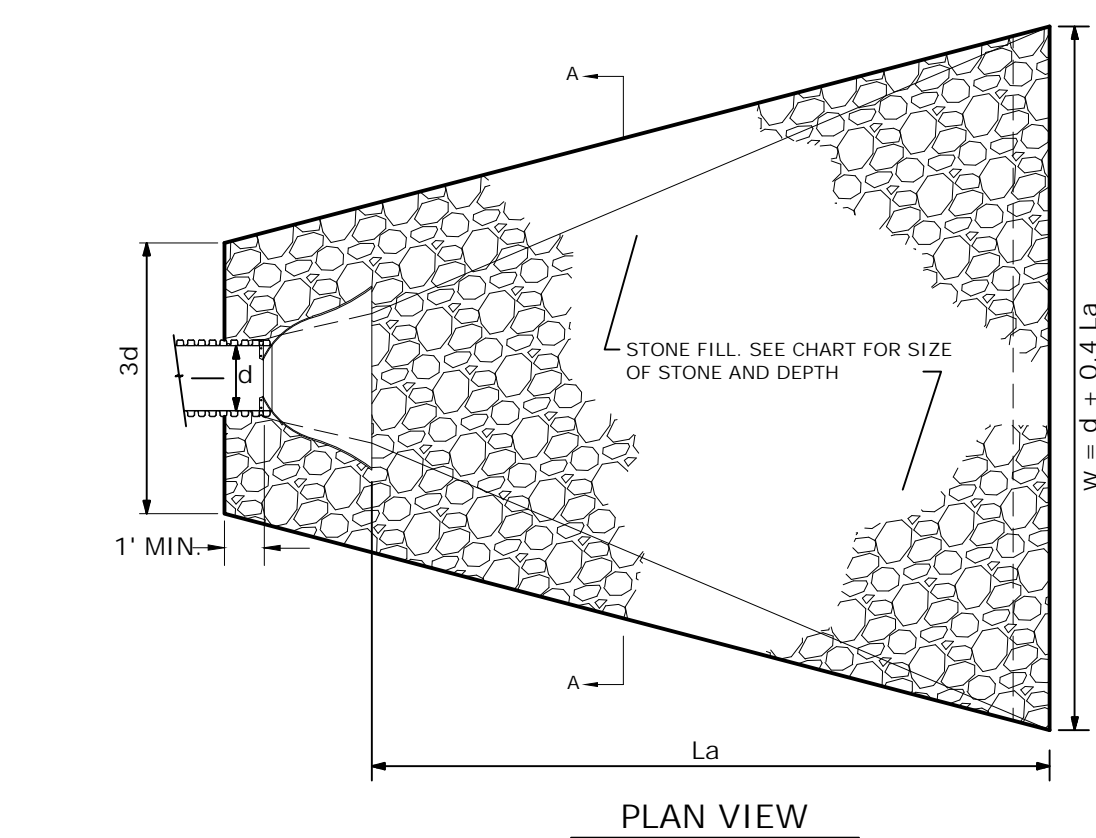
1. THE GEOWEB PRODUCT IS INTENDED TO LIMIT SHIFTING STONE MATERIAL DURING USE.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. WHERE REQUIRED, A NATIVE SOIL WEDGE SHALL BE PLACED TO ACCOMMODATE ROAD CROSS SLOPE OF 2%. NATIVE SOIL SHALL BE COMPACTED TO MATCH EXISTING SOIL CONDITIONS.
4. GRAVEL FILL MATERIAL SHALL CONSIST OF 1-4" CLEAN, DURABLE, SHARP-ANGLED CRUSHED STONE OF UNIFORM QUALITY, MEETING THE SPECIFICATIONS OF NYSOT 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 AND PROPOSED HAUL ROAD SLOPES.
6. LIMITED USE PERVIOUS ACCESS ROAD SHALL BE TOP DRESSED AS REQUIRED WITH ONLY 1-4" CRUSHED STONE, SIZE 3A, MEETING NYSOT 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 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@PRESTOGE.COM; WWW.PRESTOGE.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 800-685-9990 OR 706-693-2226; WWW.MIRAFI.COM



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

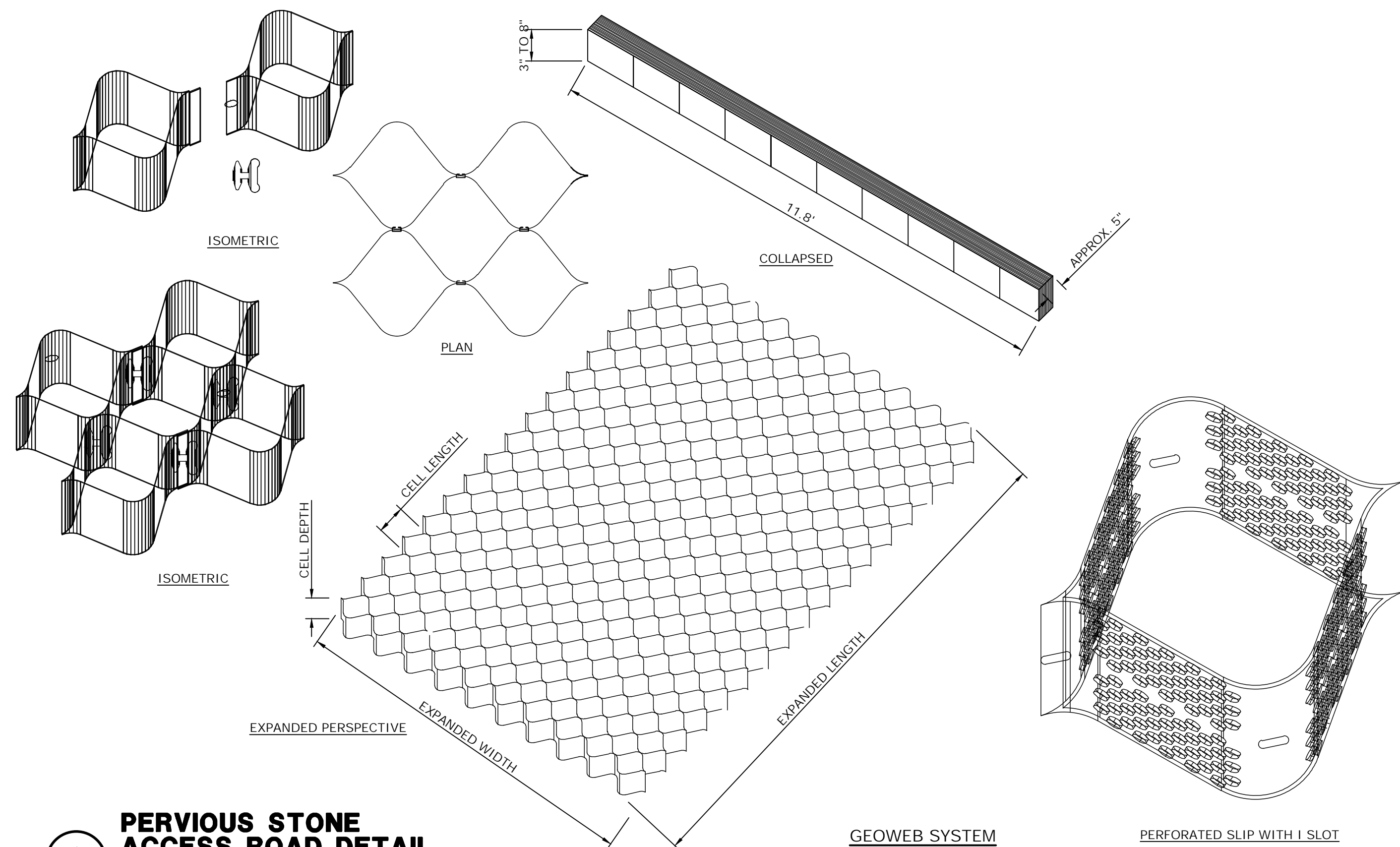
*THE ABOVE TABLE IS BASED ON: NYSDEC "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" - FIGURE 3.16 OUTLET PROTECTION DESIGN - MINIMUM TAILWATER CONDITION (DESIGN OF OUTLET PROTECTION FOR A ROUND PIPE FLOWING FULL, MINIMUM TAILWATER CONDITION: $T_w < 0.5d_o$) (USDA-NRCS)

NOTES:

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

2 ROCK PROTECTION OUTLET

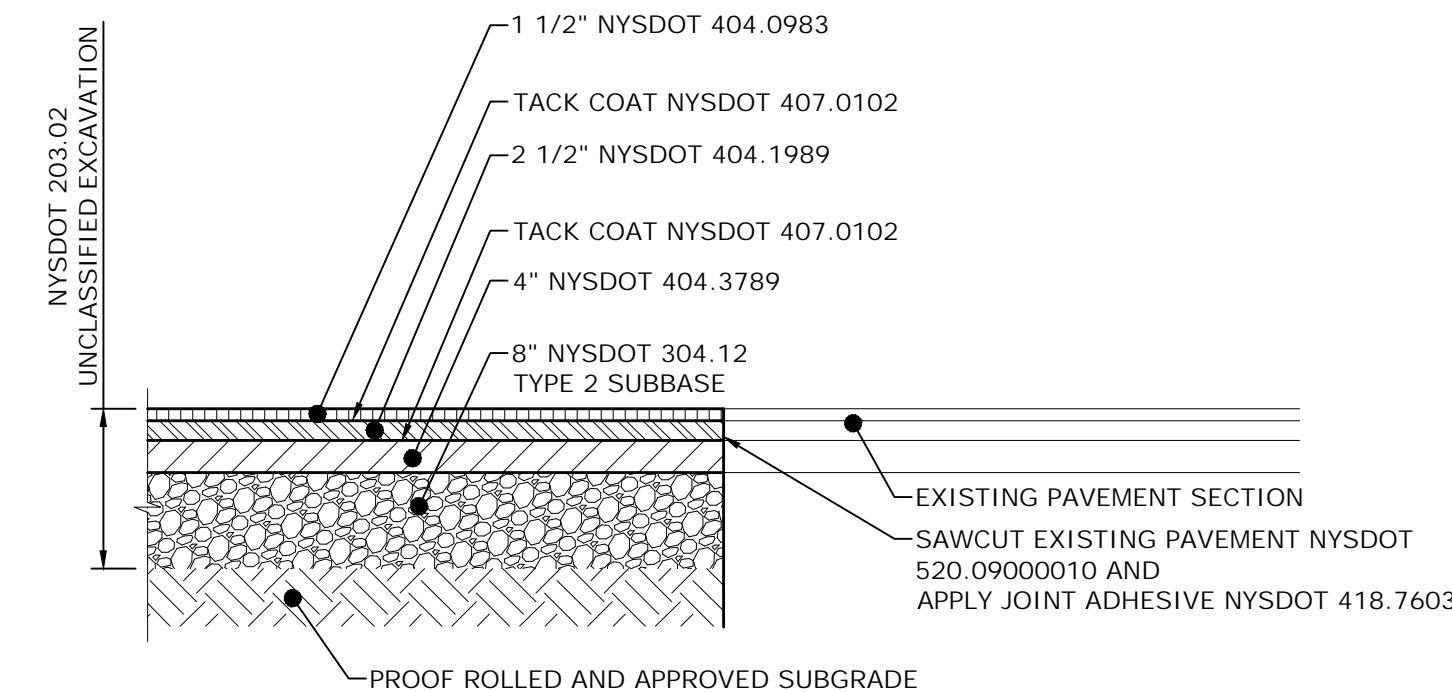
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CROSS REFERENCE: NONE

**PERVIOUS STONE ACCESS ROAD DETAIL**

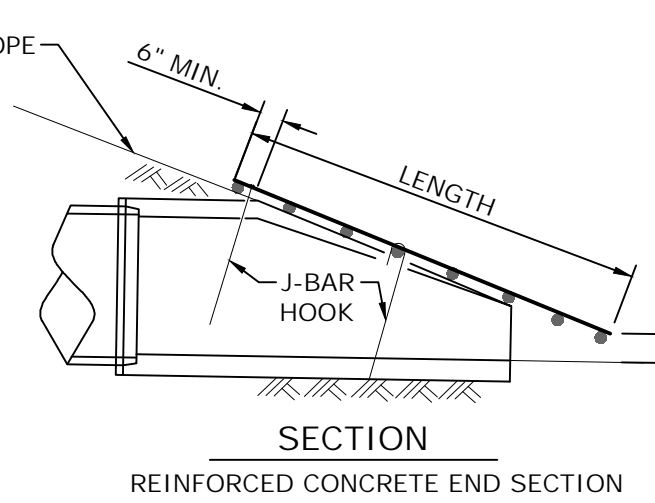
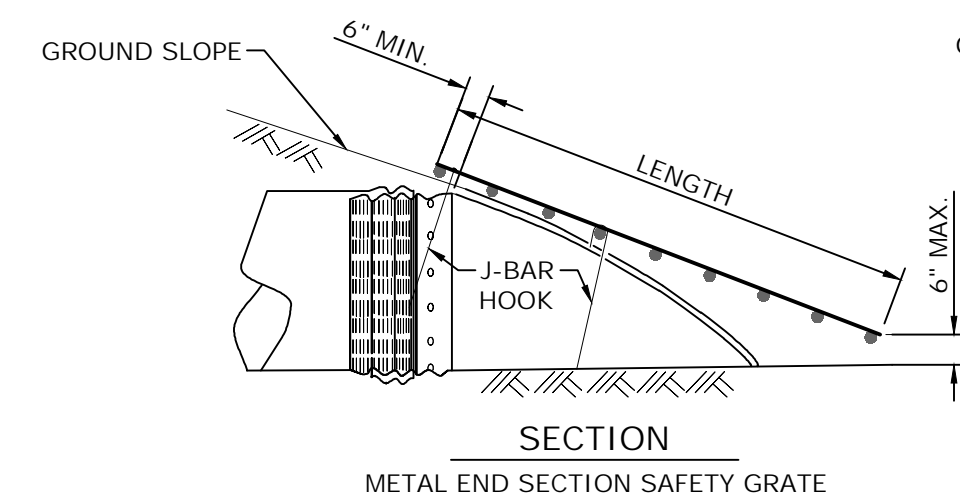
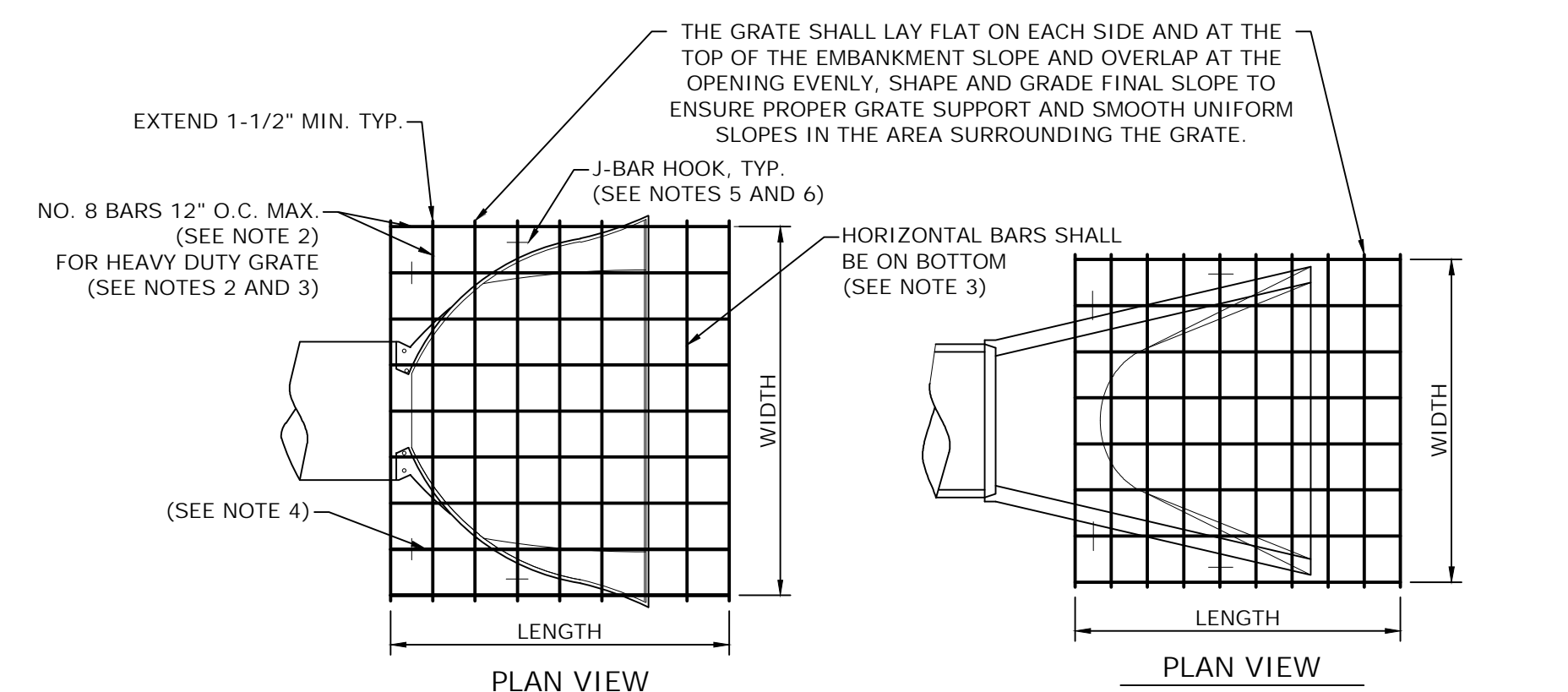
SCALE: NONE
CROSS REFERENCE: NONE

GEOWEB SYSTEM

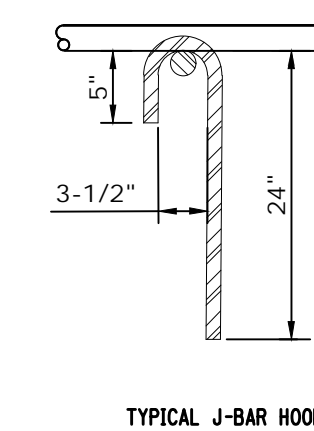
PERFORATED SLIP WITH I SLOT

**3 FULL DEPTH PAVEMENT SECTION**

SCALE: NONE
CROSS REFERENCE: NONE

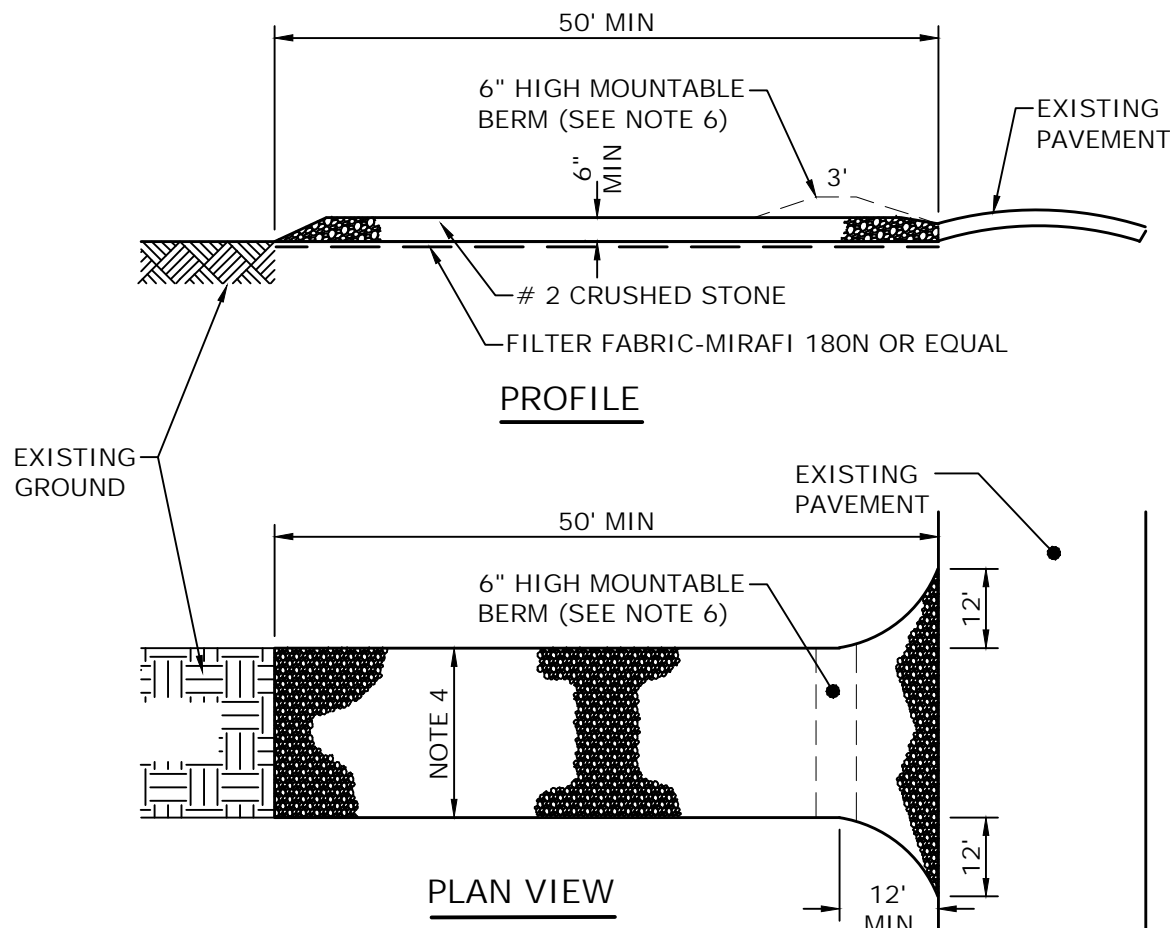
**NOTES:**

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\"/>
- 2. 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.
- 5. J-BAR HOOKS SHALL BE NO. 6 BAR, OR NO. 4 GALVANIZED IN ACCORDANCE WITH §719-01.

**4 NYSOT STANDARD TRASH RACK DETAIL**

SCALE: NONE
CROSS REFERENCE: NONE

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									MOREAU COMMUNITY SOLAR PROJECT	
									TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK
									C.T. MALE ASSOCIATES Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. 50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.796.7400 GLEN FALLS, NY · JOHNSTOWN, NY · ROUSSEKEEPSE, NY · SYRACUSE, NY www.ctmale.com	

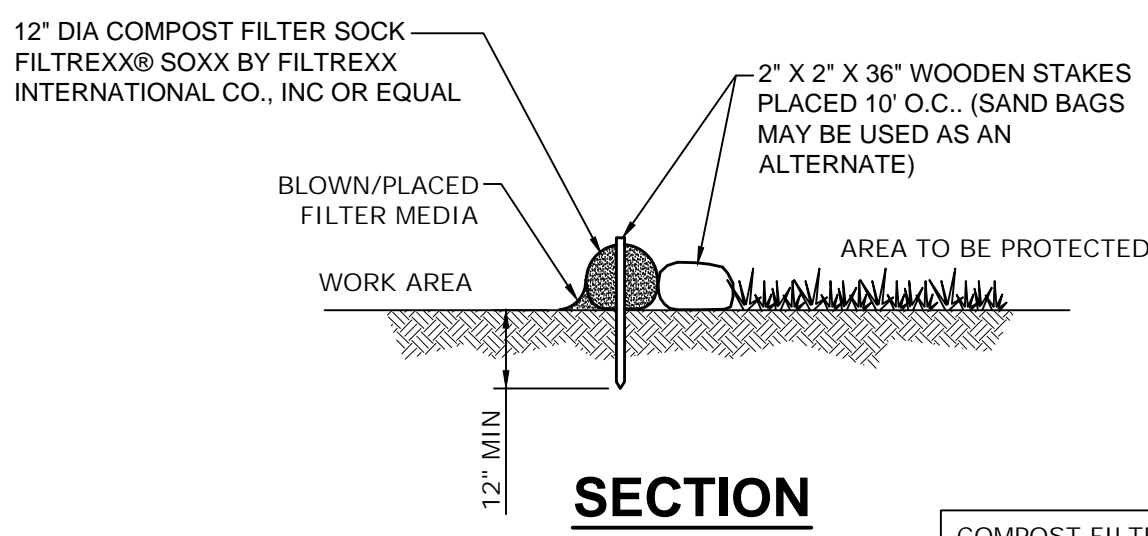


NOTES:

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 STONE.
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 RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
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.

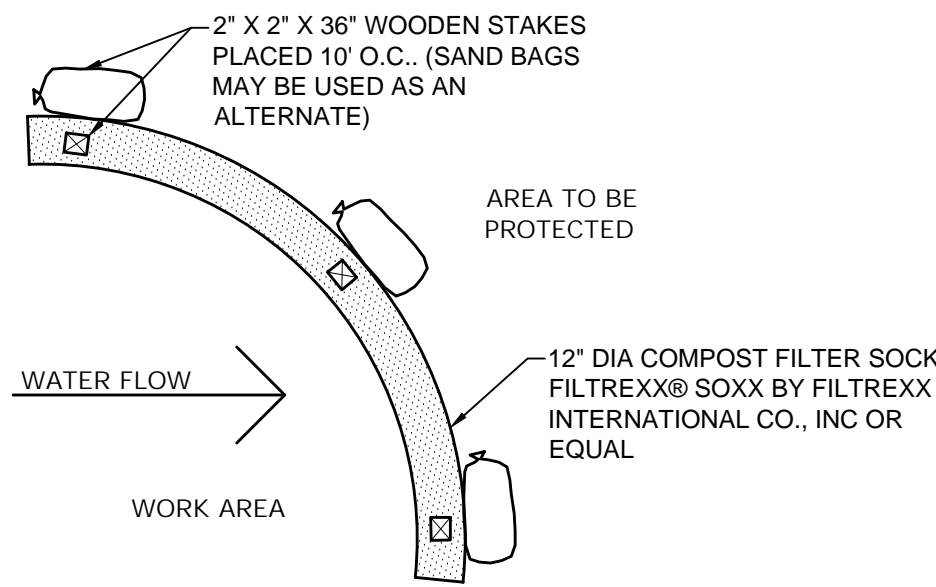
STABILIZED CONSTRUCTION ENTRANCE DETAIL

1
C-503 SCALE: NONE
CROSS REFERENCE: NONE



SECTION

COMPOST FILTER SOCK MAY BE USED IN AREAS OF ROCK WHERE INSTALLATION OF SILT FENCE IS IMPRACTICAL



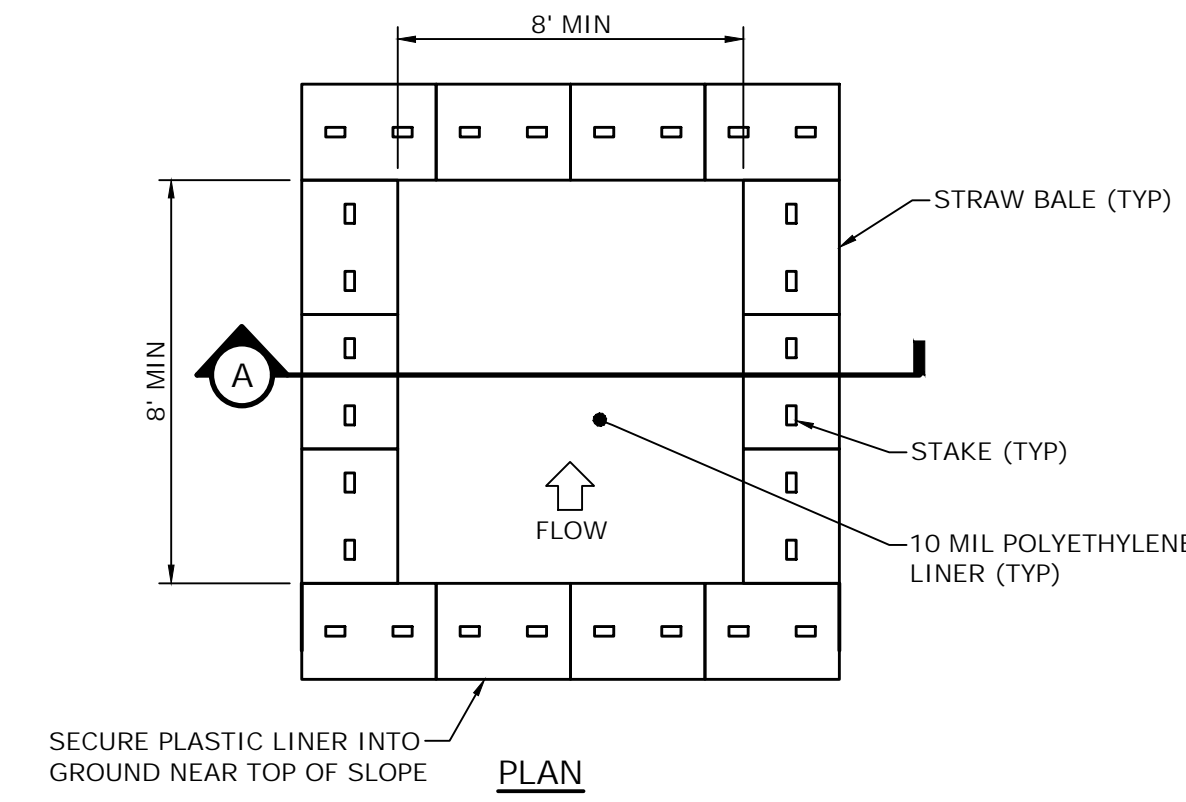
PLAN

NOTE:

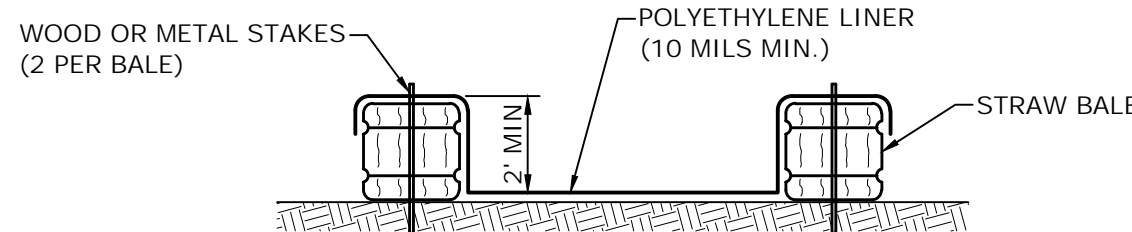
1. FILL COMPOST FILTER SOCK WITH FILTER MEDIA APPROVED BY NYSDOT FOR THIS APPLICATION.
2. WHEN USING COMPOST FILTER SOCKS ADJACENT TO SURFACE WATER, THE COMPOST SHOULD HAVE A LOW NUTRIENT VALUE

2 COMPOST FILTER SOCK

C-503 SCALE: NONE
CROSS REFERENCE: NONE



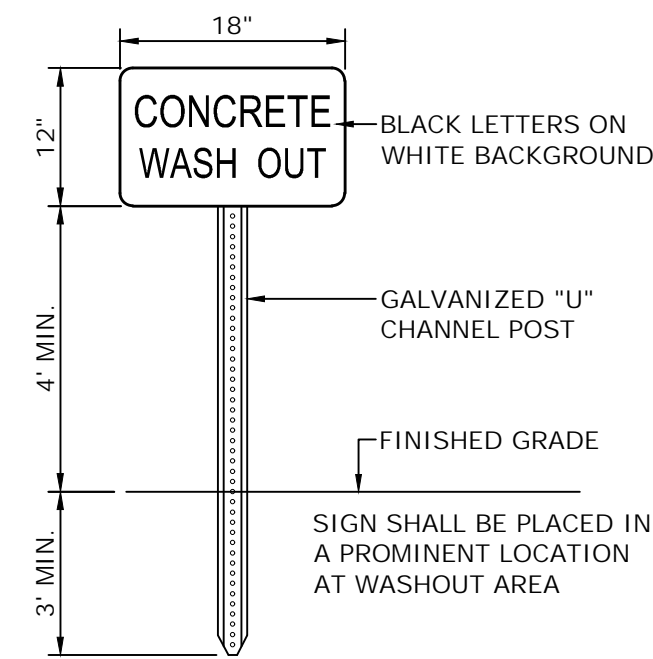
PLAN



SECTION 'A-A'

3 CONCRETE WASHOUT DETAIL

C-503 SCALE: NONE
CROSS REFERENCE: NONE



WASHOUT SIGN

NOTES:

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.

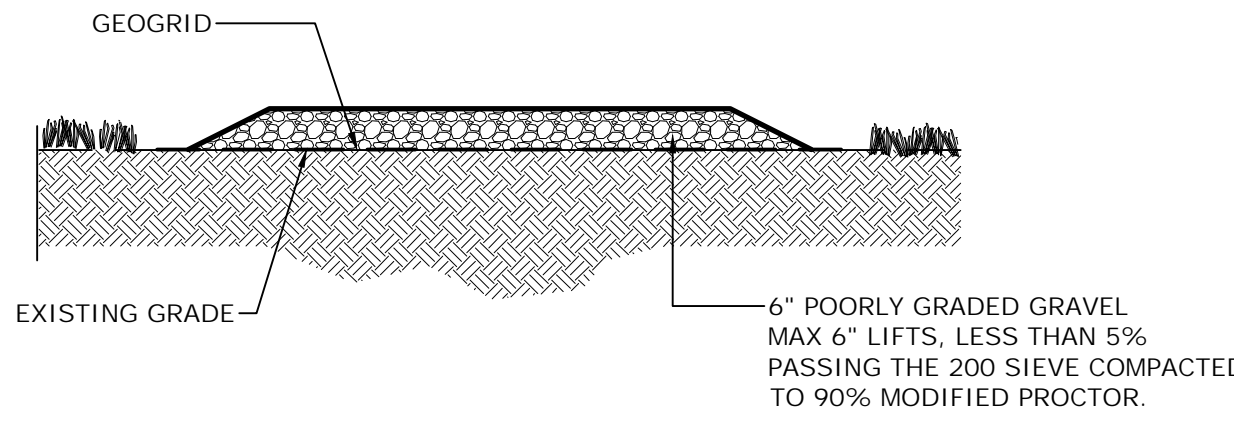
WASHOUT MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED AND READY TO USE ONCE WASHOUT IS 75% FULL.

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

4 TEMPORARY STAGING AREA

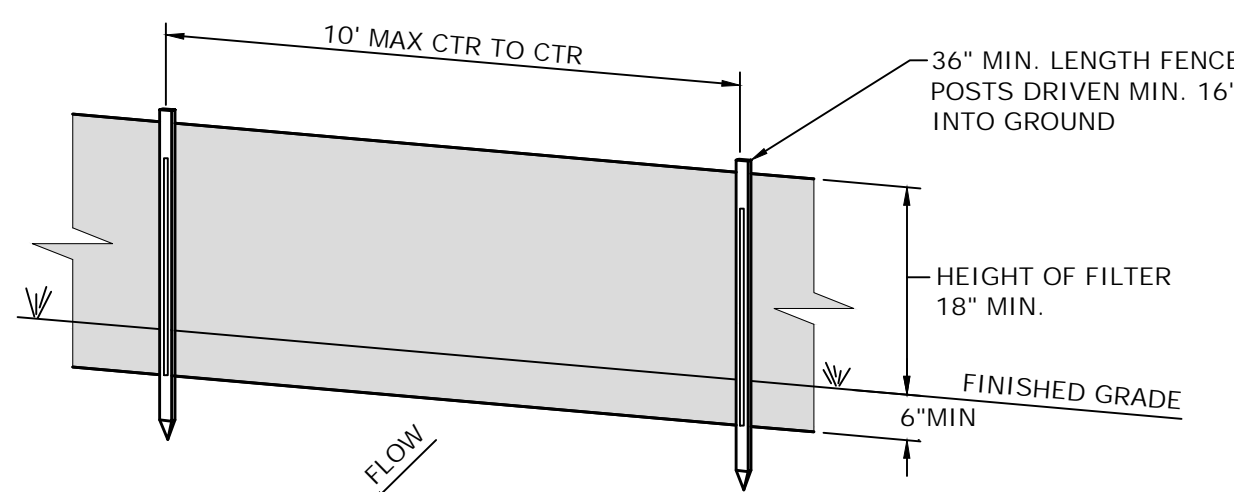
C-503 SCALE: NONE
CROSS REFERENCE: NONE

SEEDING AND MULCHING NOTES:

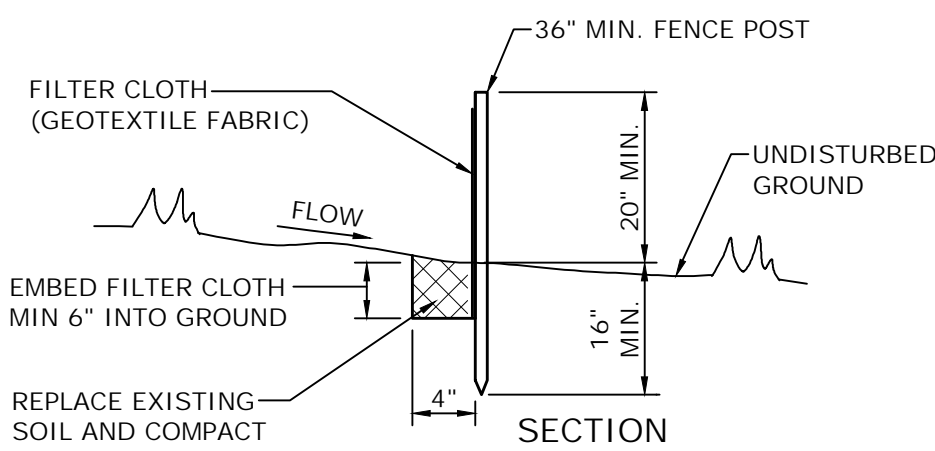
1. TEMPORARY STABILIZATION MEASURES SHALL START AS SOON AS PRACTICAL ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT NOT MORE THAN (7) DAYS AFTER WORK HAS CEASED. ACCEPTABLE TEMPORARY STABILIZATION MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO SEEDING, 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.
2. TEMPORARY EROSION CONTROL PROTECTION BY MULCHING SHALL BE CARRIED OUT WITHIN (7) DAYS OF THE 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 "TRACKING" OF THE MULCH AND INCREASED PROTECTION AGAINST EROSION.
3. 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 CONTROL MEASURE ON ALL SLOPES STEEPER THAN OR EQUAL 1V:3H AND AS INDICATED ON THE PLANS.
5. THE UNDERLYING SOIL IN AREAS THAT WILL BE PERMANENTLY PERVIOUS (LAWN, GRASS AND LANDSCAPED AREAS) SHALL BE RESTORED IN ACCORDANCE WITH THE MEASURES IDENTIFIED IN THE JANUARY 2015, NYSDOT 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 PH OF 6.5. FERTILIZER SHALL BE APPLIED IF NECESSARY.
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 AFTER SEEDING
8. SEED MIXTURE:
 - A. LOW GROWING WILDFLOWER AND GRASS MIX - ERNMX#611 OR APPROVED EQUAL.
 - B. AS PER SEED MIX DETAIL.

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



PERSPECTIVE VIEW



SECTION

6 STANDARD SILT FENCE

C-503 SCALE: NONE
CROSS REFERENCE: NONE

NOTES:

1. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH SHALL BE FASTENED SECURELY TO POSTS.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6", FOLDED AND STAPLED.
4. FILTER CLOTH SHALL BE MIRAFI 100X OR APPROVED EQUAL.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. WHEN THE ACCUMULATED SEDIMENT REACHES 30% OF THE SILT FENCE HEIGHT, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROPRIATE UPLAND AREA.
6. PREFABRICATED UNITS SHALL BE MIRAFI SILT FENCE, MIRAFI ENVIROFENCE OR APPROVED EQUIVALENT.

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	35%
	SCHIZACHYRIUM SCOPARIUM, 'CAMPER'	35%
	AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE	10%
	ASCLEPIAS TUBEROSA	4%
	CHAMAECRISTA FASCICULATA, PA ECOTYPE	4%
	COREOPSIS LANCEOLATA	4%
	RUDBECKIA HIRTA	4%
	PYCNANTHEMUM TENUIFOLIUM	0.9%
	ASTER OBLONGIFOLIUS, PA ECOTYPE	0.7%
	ASTER PRENANTHOIDES, PA ECOTYPE	0.5%
	PENSTEMON DIGITALIS	0.5%
	TRADESCANTIA OHIENSIS, PA ECOTYPE	0.5%
	ZIZIA AUREA	0.5%
	OENOTHERA FRUTICOSA VAR FRUTICOSA	0.3%
	SOLIDAGO NEMORALIS, PA ECOTYPE	0.1%
COMPANY INFORMATION		
ERNST CONSERVATION SEEDS, INC.		
ADDRESS: 8884 MERCER PIKE, MEADVILLE, PA 16335		
PHONE: (800) 873-3321		
WEB: HTTP://WWW.ERNSTSEED.COM		

7 SEED MIXTURES TABLE

C-503 SCALE: NONE
CROSS REFERENCE: NONE

OWEN KIETH SPEULSTRA P.E. NO. 104125	DATE	REVISIONS RECORD/DESCRIPTION			DRAFTER	CHECK	APPR.	<div>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.</div> <div>© 2025 C.T. MALE ASSOCIATES</div> <div>DESIGNED: MLS</div> <div>DRAFTED : DCP</div> <div>CHECKED : OKS</div> <div>PROJ. NO : 24-5097</div> <div>SCALE : AS NOTED</div> <div>DATE : FEB. 04, 2025</div>	EROSION & SEDIMENT CONTROL DETAILS			
									MOREAU COMMUNITY SOLAR PROJECT			
									TOWN OF MOREAU	SARATOGA COUNTY, NEW YORK		
									<div>C.T. MALE ASSOCIATES</div> <div>Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.</div> <div>50 CENTURY HILL DRIVE, LATHAM, NY 12110 PH: 518.786.7400</div> <div>GLENS FALLS, NY - JOHNSTOWN, NY - Poughkeepsie, NY - SYRACUSE, NY</div> <div>www.ctmale.com</div>			
									<div><div><div></div><div></div><div></div></div><div>C-503</div><div>SHEET 15 OF 18</div><div>DWG. NO: 24-0607</div></div>			

WORK ZONE TRAFFIC CONTROL SIGN TABLE				
SIGN	SIGN DESIGNATION	COLOR CODE	NON-FREEMAN	FREEMAN
	A1-1	C	72"x60"	72"x60"
	A2-1	A	36"x18"	48"x24"
	A3-1	A	36"x18"	48"x24"
	A4-1	A	36"x18"	48"x24"
	A5-1	A	36"x18"	48"x24"
	A6-1	A	36"x18"	48"x24"
	A7-1	A	36"x18"	48"x24"
	A8-1	A	36"x18"	48"x24"
	A9-1	A	36"x18"	48"x24"
	A10-1	A	36"x18"	48"x24"
	A11-1	A	36"x18"	48"x24"
	A12-1	A	36"x18"	48"x24"
	A13-1	A	36"x18"	48"x24"
	A14-1	A	36"x18"	48"x24"
	A15-1	A	36"x18"	48"x24"
	A16-1	A	36"x18"	48"x24"
	A17-1	A	36"x18"	48"x24"
	A18-1	A	36"x18"	48"x24"
	A19-1	A	36"x18"	48"x24"
	A20-1	A	36"x18"	48"x24"
	A21-1	A	36"x18"	48"x24"
	A22-1	A	36"x18"	48"x24"
	A23-1	A	36"x18"	48"x24"
	A24-1	A	36"x18"	48"x24"
	A25-1	A	36"x18"	48"x24"
	A26-1	A	36"x18"	48"x24"
	A27-1	A	36"x18"	48"x24"
	A28-1	A	36"x18"	48"x24"
	A29-1	A	36"x18"	48"x24"
	A30-1	A	36"x18"	48"x24"
	A31-1	A	36"x18"	48"x24"
	A32-1	A	36"x18"	48"x24"
	A33-1	A	36"x18"	48"x24"
	A34-1	A	36"x18"	48"x24"
	A35-1	A	36"x18"	48"x24"
	A36-1	A	36"x18"	48"x24"
	A37-1	A	36"x18"	48"x24"
	A38-1	A	36"x18"	48"x24"
	A39-1	A	36"x18"	48"x24"
	A40-1	A	36"x18"	48"x24"
	A41-1	A	36"x18"	48"x24"
	A42-1	A	36"x18"	48"x24"
	A43-1	A	36"x18"	48"x24"
	A44-1	A	36"x18"	48"x24"
	A45-1	A	36"x18"	48"x24"
	A46-1	A	36"x18"	48"x24"
	A47-1	A	36"x18"	48"x24"
	A48-1	A	36"x18"	48"x24"
	A49-1	A	36"x18"	48"x24"
	A50-1	A	36"x18"	48"x24"
	A51-1	A	36"x18"	48"x24"
	A52-1	A	36"x18"	48"x24"
	A53-1	A	36"x18"	48"x24"
	A54-1	A	36"x18"	48"x24"
	A55-1	A	36"x18"	48"x24"
	A56-1	A	36"x18"	48"x24"
	A57-1	A	36"x18"	48"x24"
	A58-1	A	36"x18"	48"x24"
	A59-1	A	36"x18"	48"x24"
	A60-1	A	36"x18"	48"x24"
	A61-1	A	36"x18"	48"x24"
	A62-1	A	36"x18"	48"x24"
	A63-1	A	36"x18"	48"x24"
	A64-1	A	36"x18"	48"x24"
	A65-1	A	36"x18"	48"x24"
	A66-1	A	36"x18"	48"x24"
	A67-1	A	36"x18"	48"x24"
	A68-1	A	36"x18"	48"x24"
	A69-1	A	36"x18"	48"x24"
	A70-1	A	36"x18"	48"x24"
	A71-1	A	36"x18"	48"x24"
	A72-1	A	36"x18"	48"x24"
	A73-1	A	36"x18"	48"x24"
	A74-1	A	36"x18"	48"x24"
	A75-1	A	36"x18"	48"x24"
	A76-1	A	36"x18"	48"x24"
	A77-1	A	36"x18"	48"x24"
	A78-1	A	36"x18"	48"x24"
	A79-1	A	36"x18"	48"x24"
	A80-1	A	36"x18"	48"x24"
	A81-1	A	36"x18"	48"x24"
	A82-1	A	36"x18"	48"x24"
	A83-1	A	36"x18"	48"x24"
	A84-1	A	36"x18"	48"x24"
	A85-1	A	36"x18"	48"x24"
	A86-1	A	36"x18"	48"x24"
	A87-1	A	36"x18"	48"x24"
	A88-1	A	36"x18"	48"x24"
	A89-1	A	36"x18"	48"x24"
	A90-1	A	36"x18"	48"x24"
	A91-1	A	36"x18"	48"x24"
	A92-1	A	36"x18"	48"x24"
	A93-1	A	36"x18"	48"x24"
	A94-1	A	36"x18"	48"x24"
	A95-1	A	36"x18"	48"x24"
	A96-1	A	36"x18"	48"x24"
	A97-1	A	36"x18"	48"x24"
	A98-1	A	36"x18"	48"x24"
	A99-1	A	36"x18"	48"x24"
	A100-1	A	36"x18"	48"x24"

CODE	DESCRIPTION
A	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
B	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
C	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
D	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
E	RED LEGEND AND BORDER ON A WHITE BACKGROUND
F	BLACK LEGEND AND BORDER ON A FLUORESCENT YELLOW GREEN BACKGROUND
G	WHITE LEGEND AND BORDER ON A RED BACKGROUND

- NOTES:
1. DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
 2. FOR SIGNAGE NOT SHOWN IN THESE TABLES REFER TO THE M.U.C.D.
 3. COLORS FOR DIRECTION PLATES, ADVANCE TURN ARROWS, AND DIRECTIONAL ARROWS SHALL MATCH THE COLOR OF THE SIGNAGE THAT THEY SUPPLEMENT AS PER THE M.U.C.D.
 4. MALFUNCTIONED SIGNAGE IMPOSED ON SIGN WITH BLACK LEGEND AND BORDER ON A GREEN BACKGROUND.
 5. FOR 80+ SIGN LARGER DIMENSIONS SHALL BE USED WHEN SIGN FACES MULTIPLE LINES ON A CONVENTIONAL ROAD.

NEW YORK STATE
Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

WORK ZONE TRAFFIC CONTROL SIGN TABLE (SHEET 1 OF 3)

APPROVED DECEMBER 2, 2021
Robert Limoges, P.E.
DIRECTOR, OTSM

ISSUED UNDER E1 21-028
619-012

TABLE 011-01: PROTECTIVE VEHICLE REQUIREMENTS ^{A,B}																			
CLOSURE TYPE	DURATION	MOBILE OPERATION AND STOP & GO				SHORT DURATION OPERATION				INTERMEDIATE TERM OPERATION				LONG TERM OPERATION					
		FREEMAN		NON-FREEMAN		FREEMAN		NON-FREEMAN		FREEMAN		NON-FREEMAN		FREEMAN		NON-FREEMAN			
	ROAD TYPE & SPEED	≥ 45 MPH		35 - 40 MPH		≥ 45 MPH		35 - 40 MPH		≥ 45 MPH		35 - 40 MPH		≥ 45 MPH		35 - 40 MPH			
LANE CLOSURE OR ENCHANCEMENT	EXPOSURE CONDITIONS (SEE NOTE 1)																		
	WORKERS ON FOOT OR NON VEHICLE EXPOSED TO TRAFFIC	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	SEE NOTE 2		
	NO WORKERS ON FOOT OR NON VEHICLE EXPOSED TO TRAFFIC					PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	SEE NOTE 2		
SHOULDER CLOSURE OR ENCHANCEMENT	EXPOSURE CONDITIONS (SEE NOTE 1)																		
	WORKERS ON FOOT OR NON VEHICLE EXPOSED TO TRAFFIC	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	SEE NOTE 2		
	NO WORKERS ON FOOT OR NON VEHICLE EXPOSED TO TRAFFIC					PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	PWL	PWH-TMA	PWH-TMA	PWL-TMA	SEE NOTE 2		
LEGEND: PWL - PROTECTIVE VEHICLE LIGHT MINIMUM GROSS WEIGHT 5,000 LBS. OR GREATER (SEE NOTE 5) PWH - PROTECTIVE VEHICLE LIGHT MINIMUM GROSS WEIGHT 22,000 LBS. OR GREATER TMA - TRUCK/TRAILER MOUNTED IMPACT ATTENUATOR																			
NOTES: 1. THE EXPOSURE CONDITIONS ASSUME THERE IS NO POSITIVE PROTECTION PROVIDED. 2. EITHER A PROTECTIVE LIGHT (PWL) OR THE STANDARD BUFFER SPACE (SEE TABLE 011-03) SHALL BE PROVIDED. 3. EITHER A PROTECTIVE VEHICLE HEAVY PWH OR THE STANDARD BUFFER SPACE (SEE TABLE 011-03) SHALL BE PROVIDED. 4. TRUCK/TRAILER MOUNTED IMPACT ATTENUATORS (TMA) SHALL NOT BE MOUNTED/INSTALLED ON VEHICLES WITH A GROSS VEHICLE WEIGHT RATING LESS THAN WHAT IS NORMALLY REQUIRED BY THE MANUFACTURER OF THE TMA. 5. THE USE OF A PROTECTIVE VEHICLE LIGHT (PWL) AS A SHADOW VEHICLE IS LIMITED TO NON-FREEMAN ROADWAYS WHERE THE POSTED SPEED LIMITS IS ≤ 40 MPH UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.																			
TABLE 011-02: TAPER LENGTHS & NUMBER OF CONES CHART																			
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	TAPER LENGTH: FT/L * OF SLOP LINES/ * OF CHANNELLING DEVICES												SHOULDER TAPER LENGTH: FT/L * OF SLOP LINES/ * OF CHANNELLING DEVICES FOR SHOULDER MOUNT						
	LATERAL SHIFT OF TRAFFIC FLOW PATH (FT)																		
	4	5	6	7	8	9	10	11	12	≤ 4 FT.	5 - 7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.			
25	40/1/2	80/2/3	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2	40/1/2			
30	80/2/3	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	40/1/2	40/1/2	40/1/2	40/1/2	80/2/3	80/2/3	80/2/3			
35	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	40/1/2	40/1/2	80/2/3	80/2/3	80/2/3	80/2/3	80/2/3			
40	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	40/1/2	40/1/2	80/2/3	80/2/3	120/3/4	120/3/4	120/3/4			
45	200/5/6	240/6/7	280/7/8	320/8/9	360/9/10	400/10/11	440/11/12	480/12/13	520/13/14	560/14/15	600/15/16	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4			
50	200/5/6	240/6/7	320/8/9	360/9/10	400/10/11	440/11/12	520/13/14	560/14/15	600/15/16	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4	120/3/4			
55	240/6/7	280/7/8	320/8/9	360/9/10	400/10/11	440/11/12	520/13/14	560/14/15	600/15/16	80/2/3	120/3/4	120/3/4	120/3/4	120/3/4	200/5/6	200/5/6			
60	240/6/7	280/7/8	320/8/9	360/9/10	400/10/11	440/11/12	480/12/13	560/14/15	600/15/16	80/2/3	120/3/4	120/3/4	120/3/4	200/5/6	240/6/7	240/6/7			
65	280/7/8	320/8/9	360/9/10	400/10/11	440/11/12	480/12/13	520/13/14	560/14/15	640/16/17	720/17/18	800/19/20	80/2/3	120/3/4	200/5/6	240/6/7	280/7/8			
* THIS TABLE WAS CREATED WITH REFERENCE TO MUTCD TABLE 6W-4. * THE NUMBER OF CHANNELLING DEVICES SHOWN IS CALCULATED BASED ON A 4 FT. DEVICE SPACING. THE NUMBER OF CHANNELLING DEVICES CAN BE ADJUSTED AS NECESSARY.																			
TABLE 011-03: LONGITUDINAL BUFFER SPACE				TABLE 011-04: ROLL AHEAD DISTANCE FOR PROTECTIVE VEHICLES				TABLE 011-05: ADVANCE WARNING SIGN SPACING				TABLE 011-06: ADVANCE WARNING SIGN SPACING				TABLE 011-07: TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES			
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE: FT/L * OF SLOP LINES	TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT (MPH)	ROLL AHEAD DISTANCE (FT) OF SLOP LINES FOR VEHICLES	PROTECTIVE VEHICLES REQUIRED (SEE NOTE 1)	MOVING OPERATION (15 MPH MAX)	POSTED SPEED LIMIT (MPH)	ROAD TYPE	DISTANCE BETWEEN SIGNS	TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT (MPH)	ROAD TYPE	DISTANCE BETWEEN SIGNS	TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT (MPH)	ROAD TYPE	DISTANCE BETWEEN SIGNS		
25	155 / 4	STATIONARY	25	155	1	155	25	URBAN ≤ 30 MPH	100	100	25	URBAN ≤ 30 MPH	100	100	25	URBAN ≤ 30 MPH	100		
30	200 / 5	MOVING OPERATION	30	200	2	200	30	URBAN 31-40 MPH	200	200	30	URBAN 31-40 MPH	200	200	30	URBAN 31-40 MPH	200		
35	200 / 5	MOVING OPERATION	35	200	2	200	35	URBAN 41-45 MPH	300	300	35	URBAN 41-45 MPH	300	300	35	URBAN 41-45 MPH	300		
40	200 / 5	MOVING OPERATION	40	200	2	200	40	URBAN 46-55 MPH	500	500	40	URBAN 46-55 MPH	500	500	40	URBAN 46-55 MPH	500		
45	200 / 5	MOVING OPERATION	45	200	2	200	45	URBAN 56-65 MPH	800	800	45	URBAN 56-65 MPH	800	800	45	URBAN 56-65 MPH	800		
50	200 / 5	MOVING OPERATION	50	200	2	200	50	URBAN 66-75 MPH	1000	1000	50	URBAN 66-75 MPH	1000	1000	50	URBAN 66-75 MPH	1000		
55	200 / 5	MOVING OPERATION	55	200	2	200	55	URBAN 76-85 MPH	1200	1200	55	URBAN 76-85 MPH	1200	1200	55	URBAN 76-85 MPH	1200		
60	200 / 5	MOVING OPERATION	60	200	2	200	60	URBAN 86-95 MPH	1400	1400	60	URBAN 86-95 MPH	1400	1400	60	URBAN 86-95 MPH	1400		
65	200 / 5	MOVING OPERATION	65	200	2	200	65	URBAN 96-105 MPH	1600	1600	65	URBAN 96-105 MPH	1600	1600	65	URBAN 96-105 MPH	1600		
* THIS TABLE IS THE SAME AS MUTCD TABLE 6C-5.																			

NEW YORK STATE
Department of Transportation

U.S. CUSTOMARY STANDARD SHEET

WORK ZONE TRAFFIC CONTROL GENERAL TABLES AND LEGEND (SHEET 2 OF 2)

APPROVED DECEMBER 21, 2022
Robert Limoges, P.E.
DIRECTOR, OTSM

ISSUED UNDER E1 22-033
619-011

TRAFFIC CONTROL GENERAL NOTES

SCALE: NONE
CROSS REFERENCE: NONE

WORK ZONE TRAFFIC CONTROL LEGEND	
SYMBOL	DESCRIPTION
	ARROW PANEL
	ARROW PANEL, CAUTION MODE
	ARROW PANEL, TRAILER OR SUPPORT
	CHANGEABLE MESSAGE SIGN (PANEL)
	CHANNELIZING DEVICE
	CONE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TEMPORARY TRAFFIC CONTROL
	DIRECTION OF TRAFFIC
	AUTOMATED FLAGGER ASSISTANCE DEVICE WITH OPERATOR
	FLAGGER
	FLAG TREE
	LUMINAIRE
	WATER
	PAVEMENT GRASS SHOULDER
	PAVEMENT MARKINGS THAT SHALL BE MAINTAINED FOR A LONG-TERM PROJECT
	PORTABLE IMPACT MESSAGE SIGN
	ORANGE FLAGS MIN. 16" X 16"
	TRAILER FOR ARROW PANEL OR PORTABLE VARIABLE MESSAGE SIGN (PANEL)

WORK ZONE TRAFFIC CONTROL LEGEND	
SYMBOL	DESCRIPTION
	SIGN, TEMPORARY
	SPOTTER
	TEMPORARY POSITIVE BARRIER
	TEMPORARY POSITIVE BARRIER WITH WARNING LIGHTS
	TEMPORARY TRAFFIC SIGNAL HEAD
	TYPE III BARRICADE
	WARNING LIGHTS
	WORK AREA
	WORK VEHICLE
	WORK VEHICLE (MAINTENANCE/MERIT BADGE OPERATION)
	WORK VEHICLE (PAVEMENT MARKING)
	WORK VEHICLE (SIGNAL WORK)
	PROTECTIVE VEHICLE
	PROTECTIVE VEHICLE LIGHT
	PROTECTIVE VEHICLE HEAVY
	TRUCK/TRAILER MOUNTED IMPACT ATTENUATOR (TMA)

1 SKIP LINE

1 SKIP LINE

30'

30'

10'

10'

10'

EXISTING NORMAL DIVIDE LANE LINE

DETAIL 0114 - EXISTING SKIP LINE

NEW YORK

STATE OF

OPPORTUNITY

Department of

Transportation

U.S. CUSTOMARY STANDARD SHEET

WORK ZONE TRAFFIC CONTROL

GENERAL TABLES AND LEGEND

(SHEET 1 OF 2)

APPROVED DECEMBER 21, 2022

ISSUED WITH E-23-0018

ROBERT L. LAMONGES

ESBATA 1 EPT, 06/01/2023

ISSUED WITH E-23-0018

ROBERT L. LAMONGES, P.E.

DIRECTOR, OTM

ISSUED UNDER U-22-0033

619-011

