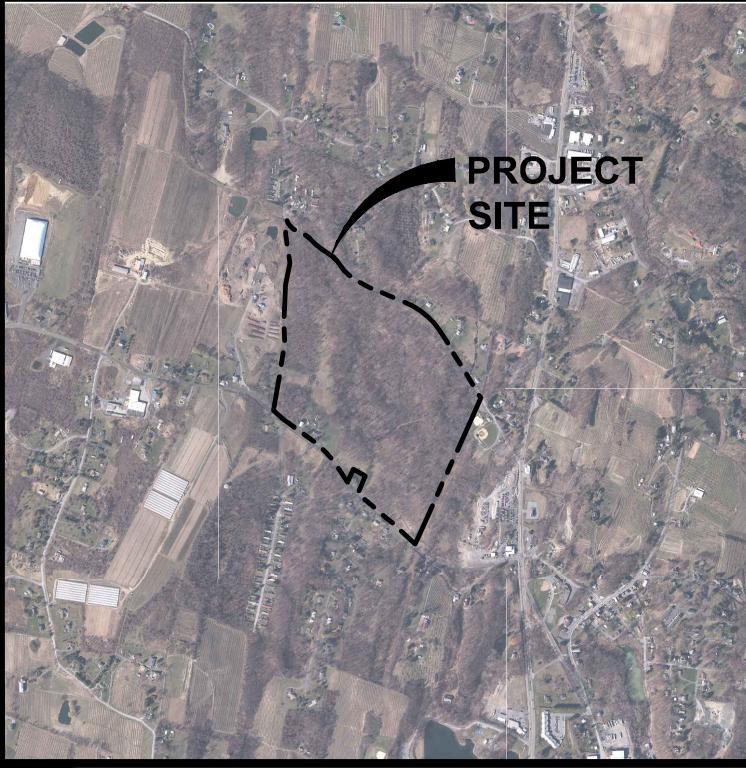


ATTACHMENT F
SITE PLAN SET

MILTON TURNPIKE SOLAR FARM

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

07/26/18



LOCATION MAP
SCALE: 1"=2,000'

OWNER:
JEFFREY ALDRICH
132 MILTON TURNPIKE
MILTON, NY 12547

DEVELOPER / APPLICANT:
MARLBOROUGH SOLAR LLC.
4 LIBERTY SQUARE, 3RD FLOOR
BOSTON, MA 02109

SOLAR CONSULTANT:
NEXAMP SOLAR, LLC.
4 LIBERTY SQUARE, 3RD FLOOR
BOSTON, MA 02109

SITE CIVIL ENGINEER AND LANDSCAPE ARCHITECT:
CHAZEN ENGINEERING, LAND SURVEYING &
LANDSCAPE ARCHITECTURE CO., D.P.C.
547 RIVER STREET, TROY, NY 12180
PHONE: (518) 273-0055

TAX MAP INFORMATION:
TOWN OF MARLBOROUGH, ULSTER COUNTY, NY
SECTION 103.1 BLOCK 1, LOT 33.1

AREA:
TOTAL PROJECT ACREAGE : 87.8 ACRES

BULK TABLE:

PROPOSED USE: SOLAR ENERGY SYSTEM, LARGE SCALE (2.6MWDC CAPACITY)

ZONING DISTRICT: R-Ag-1 Rural Agricultural District

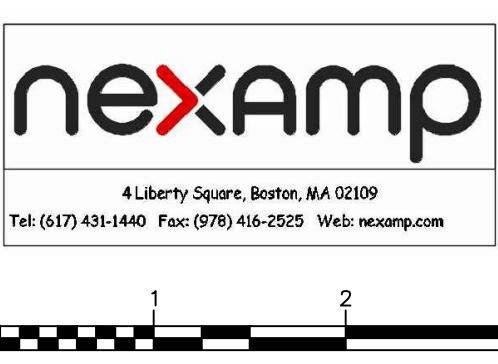
ZONING REQUIREMENTS:

	REQUIRED	PROPOSED
MINIMUM LOT AREA	1 ACRE	89.15 ACRES
MINIMUM PERIMETER BUFFER	25 FT	25 FT
MINIMUM LOT WIDTH	150 FT	2027.1± FT
MINIMUM LOT DEPTH	200 FT	1451.8± FT
MAXIMUM LOT COVERAGE	50 %	10.4 %
MAXIMUM HEIGHT OF LARGE-SCALE SOLAR ENERGY SYSTEMS	15 FEET	< 15 FEET

INDEX OF DRAWINGS				
PAGE NO.	REV	SHEET NO.	DATE	DESCRIPTION
1	0	G001	07/26/18	TITLE SHEET
2	0	C100	07/24/18	MAP OF TOPOGRAPHY PORTION OF LANDS OF ALDRICH PREPARED FOR NEXAMP, LLC
3	0	C130	07/26/18	SITE PLAN
4	0	C140	07/26/18	GRADING & DRAINAGE PLAN
5	0	C141	07/26/18	ROAD PROFILE
6	0	C150	07/26/18	EROSION & SEDIMENT CONTROL PLAN
7	0	C530	07/26/18	SITE DETAILS
8	0	C550	07/26/18	EROSION & SEDIMENT CONTROL DETAILS

TOWN OF MARLBOROUGH PLANNING BOARD, NY	
SITE PLAN APPROVAL	
FILE NO: _____	_____
OFFICIALLY APPROVED AT THE PLANNING BOARD	
MEETING HELD THE _____ DAY OF _____, 20____	
PLANNING CHAIRMAN: _____	
DESIGNEE: _____	_____
DATE SIGNED: _____	

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 1705 Division Street
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 Phone: (615) 953-4909
 North Country Office:
 375 Bay Road
 Queensbury, New York 12804
 Phone: (518) 812-0513
 Westchester NY Office:
 1 North Broadway, Suite 803
 White Plains, New York 10601
 Phone: (914) 997-8510

rev.	date	description

MILTON TURNPIKE SOLAR FARM

TITLE SHEET

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

checked
LL WJK
date 7/26/18 scale NA
project no. 51711.03 sheet no. G001

SITE PLAN NOTES:

GENERAL CONSTRUCTION

1. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AND UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
2. ALL SURFACE RESTORATION SHALL MEET AND MATCH EXISTING GRADES.
3. NOTIFY ENGINEER 48 HOURS PRIOR TO INITIALIZATION OF ANY WORK ON SITE.
4. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT PRIOR REVIEW FROM THE ENGINEER.
5. CONTRACTOR IS RESPONSIBLE FOR EMPLOYING AND MAINTAINING ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING CONSTRUCTION.
6. CONTRACTOR IS RESPONSIBLE FOR PROPERLY & SAFELY MAINTAINING AREA BETWEEN ALL ADJOINING PROPERTIES.
7. NO WORK, STORAGE OR TRESPASS SHALL BE PERMITTED BEYOND THE SITE PROPERTY LINES OR PUBLIC RIGHT-OF-WAY.
8. ALL EXISTING LAWN AREA, CURBING, PAVING, SIDEWALKS, CULVERTS OR OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED BY TRENCHING OR EXCAVATION OPERATIONS SHALL BE REPLACED OR REPAIRED TO A CONDITION EQUAL TO EXISTING, AS DESCRIBED IN CONTRACT DOCUMENTS OR AS ORDERED BY ENGINEER (AOBE). MAILBOXES, SIGN POSTS, ETC SHALL BE PROTECTED OR REMOVED AND REPLACED EXACTLY AS THEY WERE BEFORE BEING DISTURBED. REMOVE AND REPLACE AFFECTED CURBING AND SIDEWALK TO NEAREST JOINT. REMOVE PAVEMENT AND REPLACE TO SAW CUT LINE, SAW CUT IN STRAIGHT LINE TO POINT NEEDED TO BLEND GRADE, REMOVE LAWN AND REPLACE TO MINIMUM LIMIT OF EXCAVATION.
9. ALL TREE REMOVAL SHALL OCCUR BETWEEN NOVEMBER 1 AND MARCH 31. ANY TREE REMOVAL TO OCCUR BETWEEN APRIL 1 AND SEPTEMBER 30 WILL REQUIRE COORDINATION WITH NYSDEC PRIOR TO COMMENCEMENT TO AVOID THE INDIANA BAT ACTIVE SEASON. ADDITIONAL COORDINATION IS NEEDED TO REVIEW AND APPROVE ADDITIONAL ECOLOGICAL SURVEY WORK REQUIRED TO REMOVE TREES DURING THE INDIANA BAT ACTIVE SEASON WITHOUT THE NEED FOR AN ARTICLE 11 INCIDENTAL "TAKE" PERMIT.

LAYOUT

1. BUILDING, EQUIPMENT, AND SOLAR MODULE DIMENSIONS TO BE TAKEN FROM PLANS BY NEXAMP SOLAR. NOTIFY THE ENGINEER OF ANY DEVIATION FROM CONDITIONS SHOWN ON THIS PLAN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND THE ENGINEER AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADDITIONS TO THE SATISFACTION OF THE OWNER AND THE ENGINEER BEFORE UTILITIES WILL BE ACCEPTED.

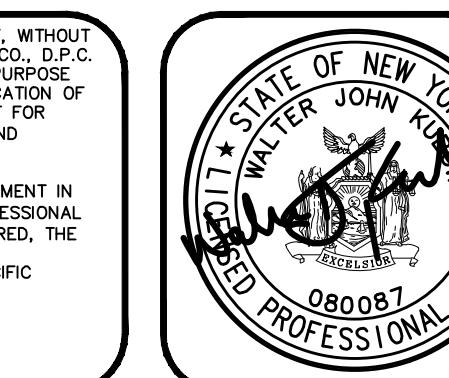
BASE MAP REFERENCE :

BASE MAP TAKEN FROM A DRAWING ENTITLED "MAP OF TOPOGRAPHY PORTION OF LANDS OF ALDRICH PREPARED FOR NEXAMP, LLC" DATED MARCH 22, 2018, PREPARED BY CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE, CO., D.P.C.

Lands Now or Formerly of
GEORGE NUNNARO
Deed Book 4265 Page 115
Tax Parcel: 115

The logo for Nexamp, featuring the word "nexamp" in a lowercase, sans-serif font. The letter "x" is stylized with a red diagonal bar extending from the top-left to the bottom-right.

Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

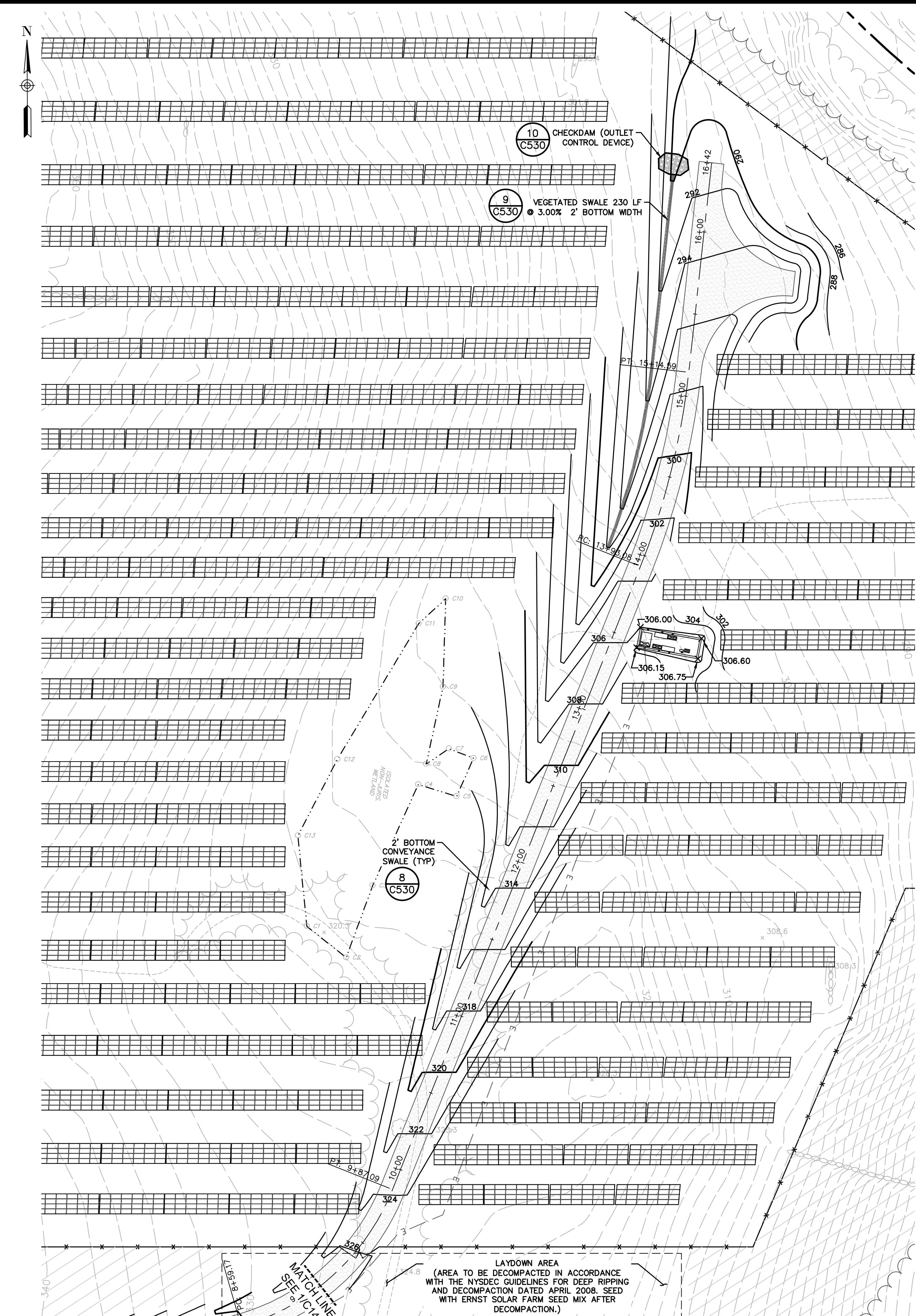
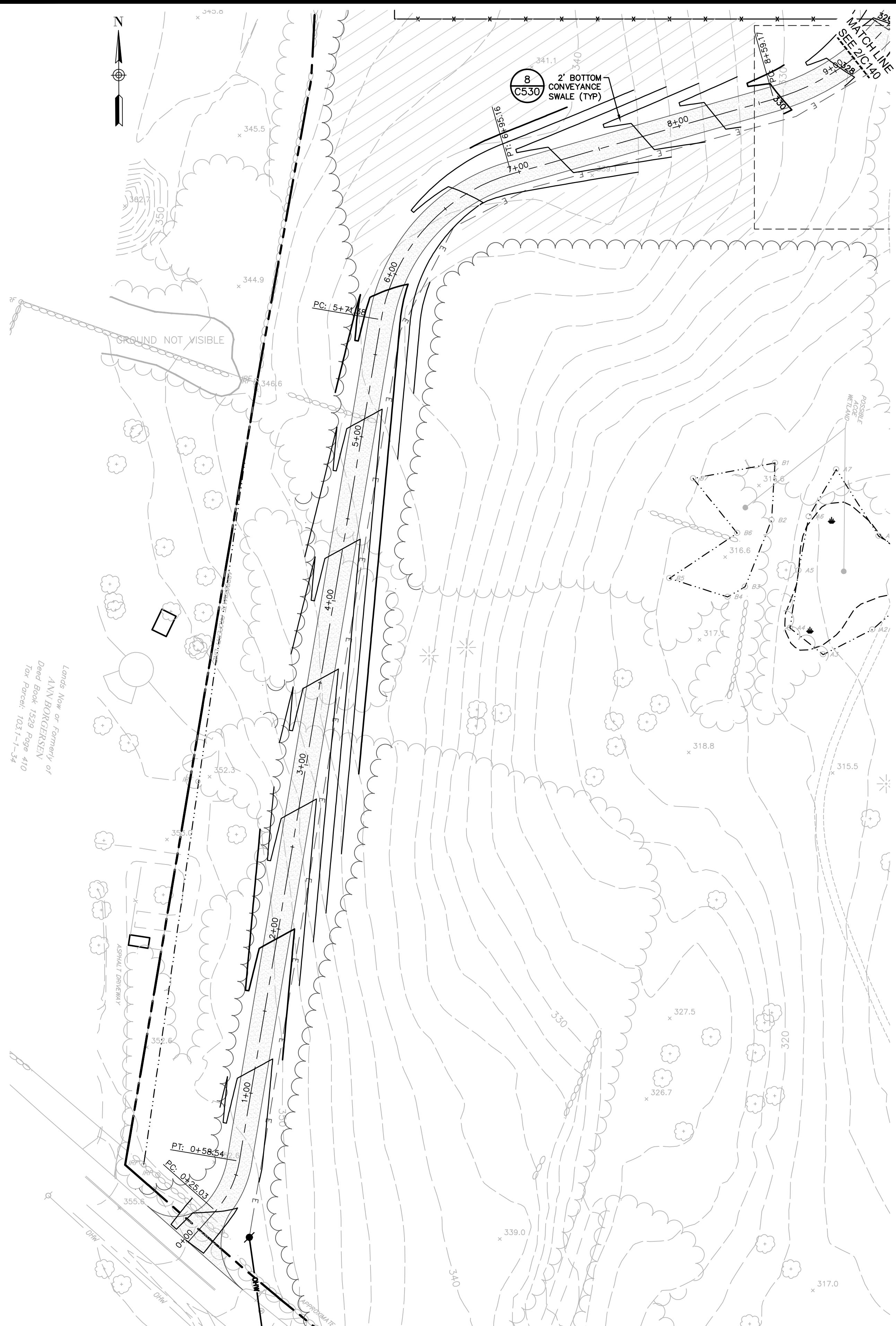


MILTON TURNPIKE SOLAR FARM

SITE PLAN

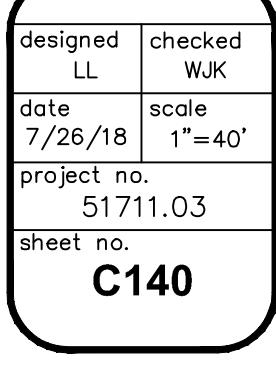
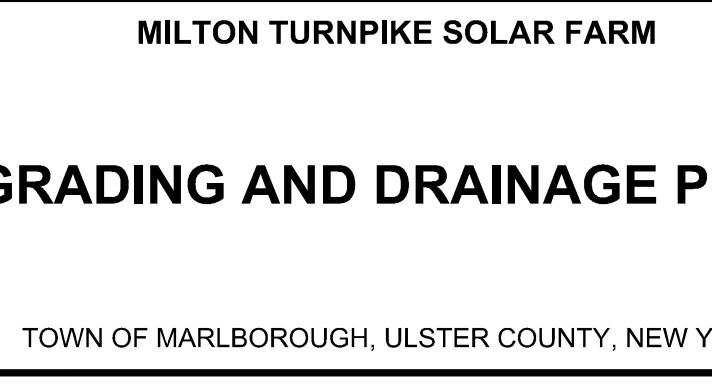
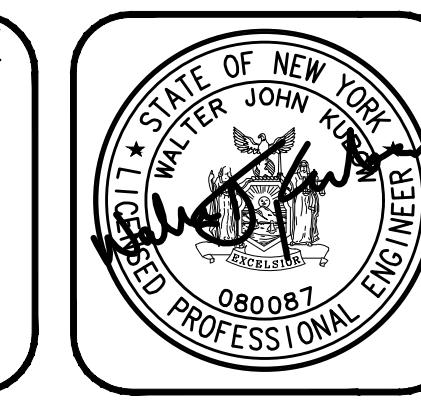
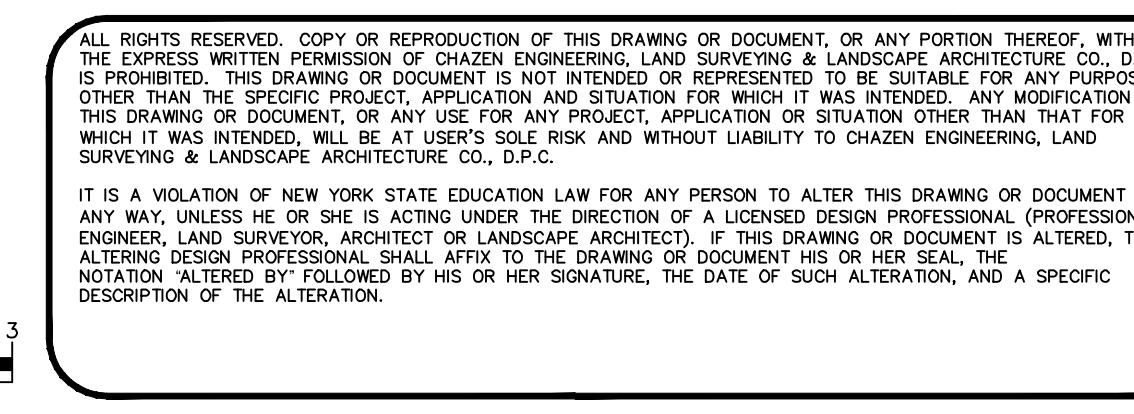
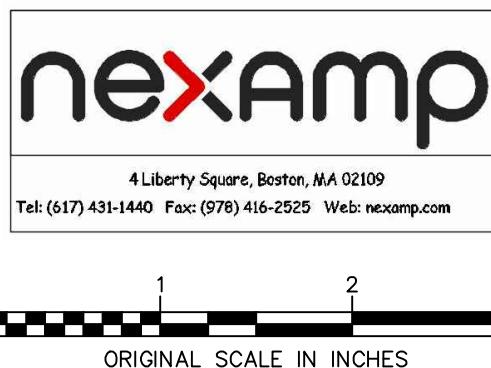
OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

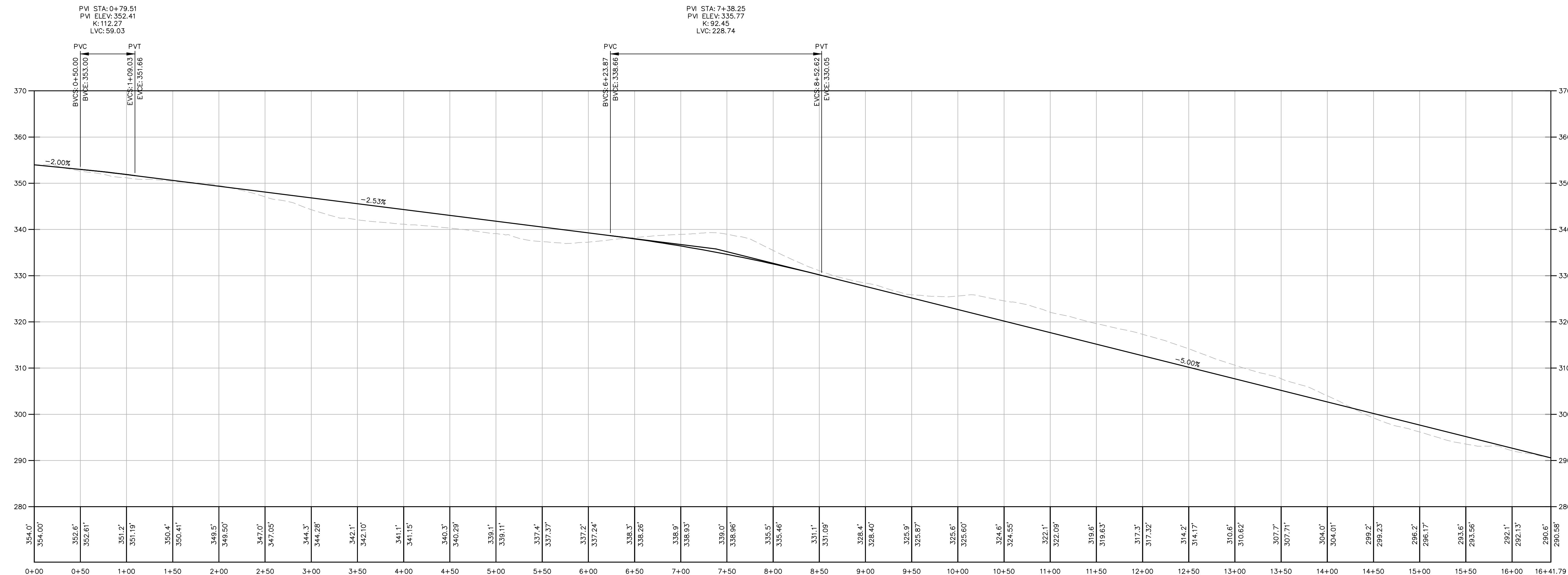
designed LL	checked WJK
date 7/26/18	scale 1"=60'
project no. 51711.03	
sheet no.	C130



GRADING & DRAINAGE LEGEND:

- PROPERTY LINE
- EXISTING WETLAND
- EXISTING 2 FT CONTOUR
- EXISTING 10 FT CONTOUR
- 10 FT CONTOUR
- 2 FT CONTOUR
- VEGETATED SWALE



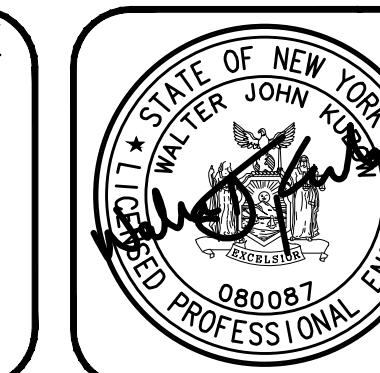


©  **ROAD PROFILE**
SCALE: H 1" = 60'
V 1" = 12'

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MILTON TURNPIKE SOLAR FARM

ROAD PROFILE

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

designed LL	checked WJK
date 7/26/18	scale AS SHOWN
project no. 51711.03	
sheet no.	
C141	



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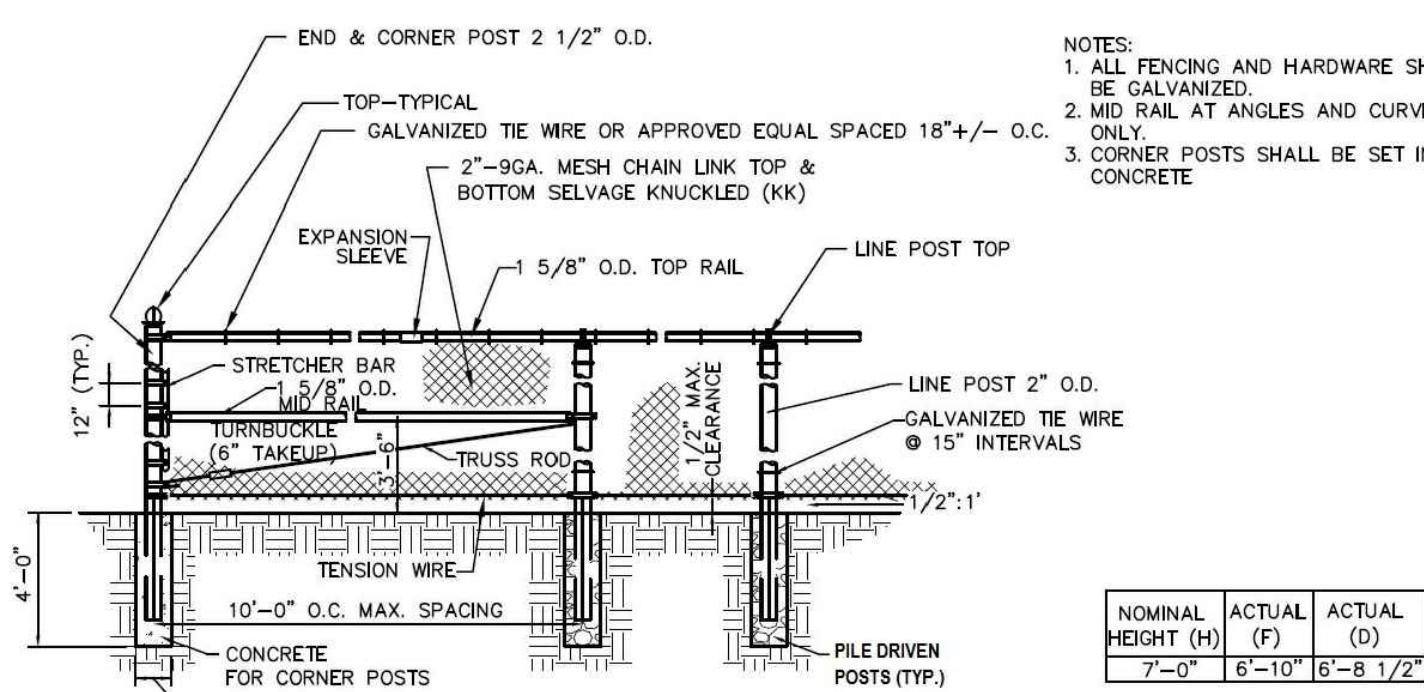
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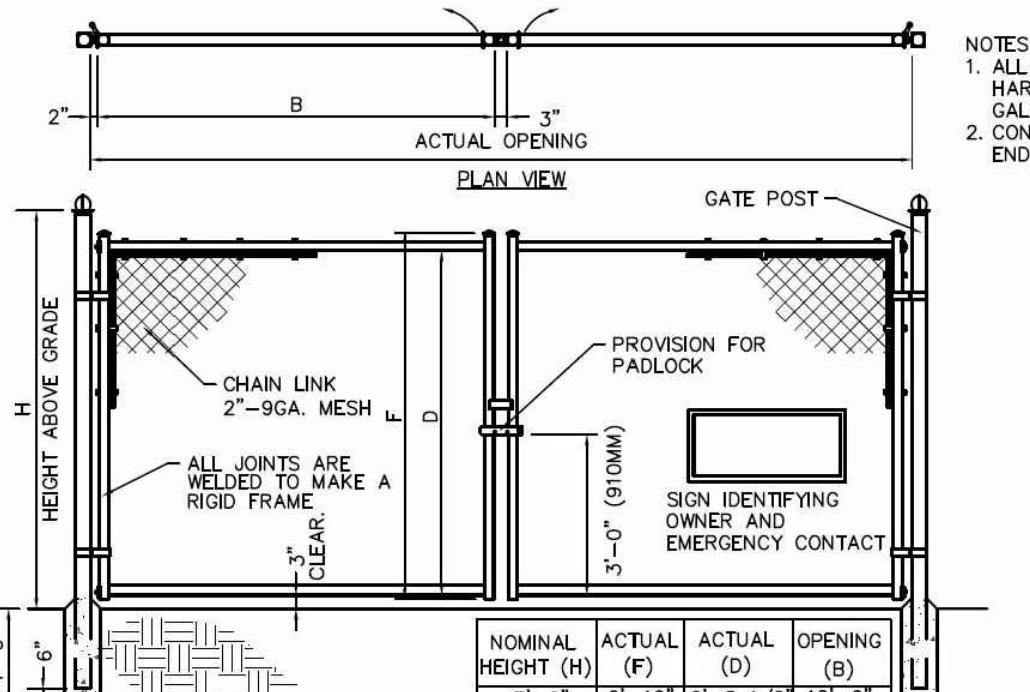
CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE, CO., D.P.C.

MILTON TURNPIKE SOLAR FARM

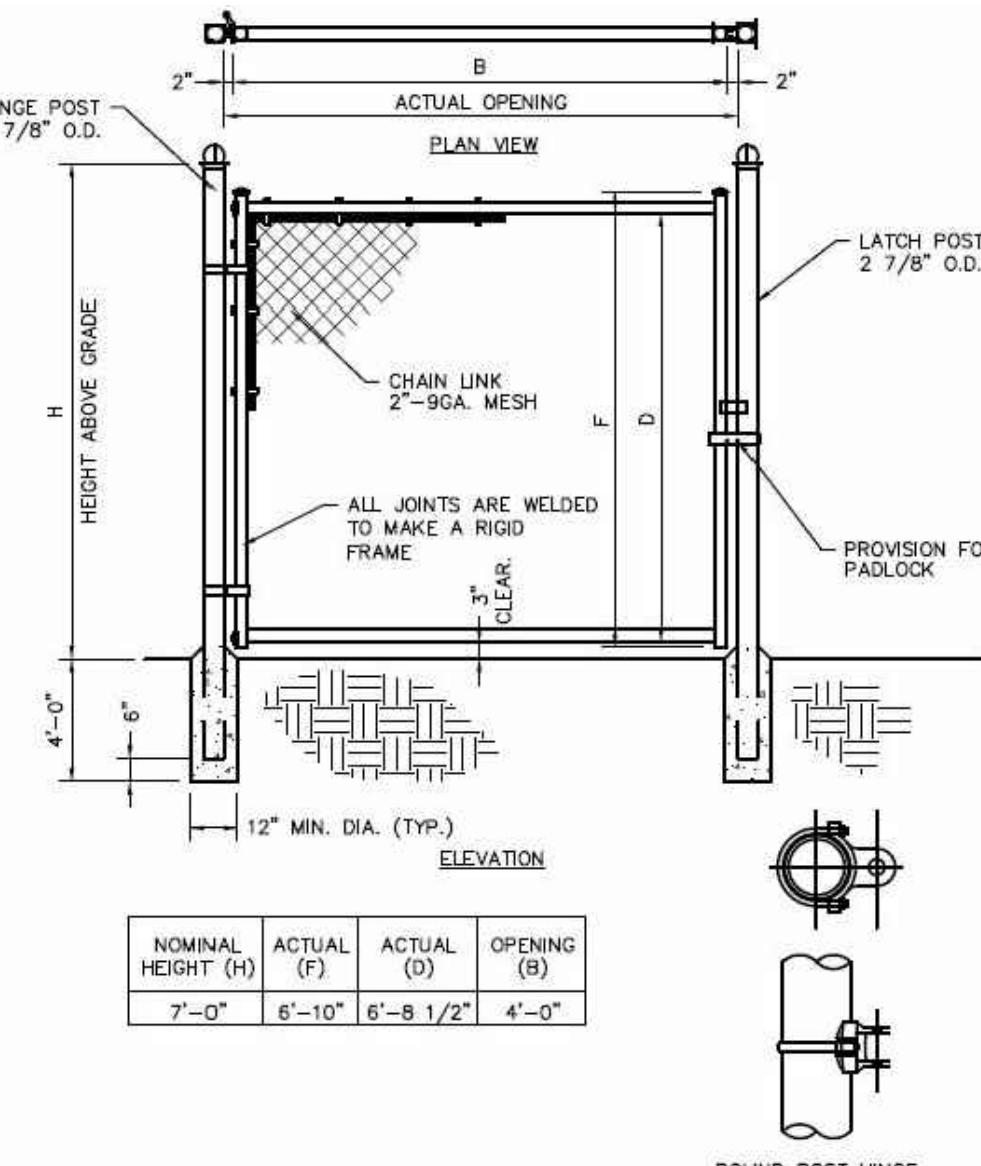
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date 7/26/18	scale 1"=60'
project no.	51711.03
sheet no.	C150



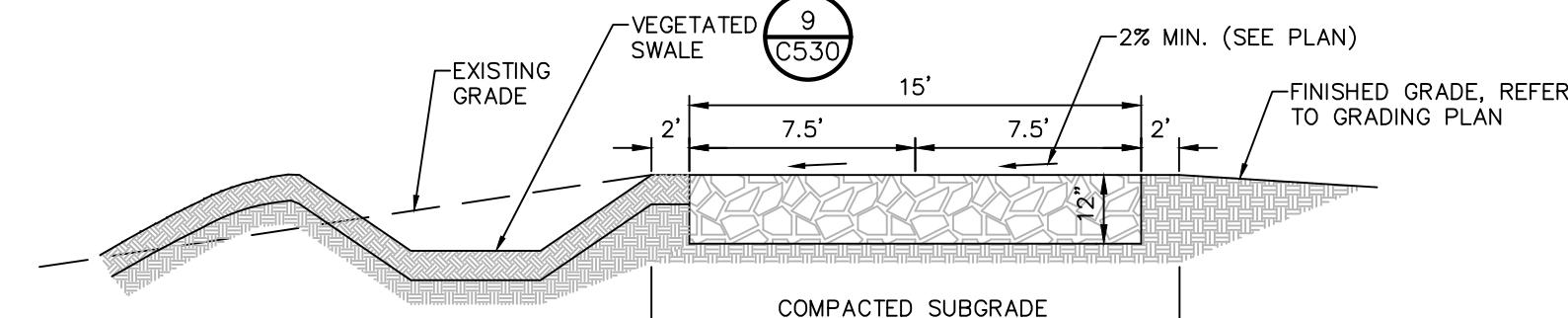
① CHAIN LINK SECURITY FENCE
SCALE: NOT TO SCALE



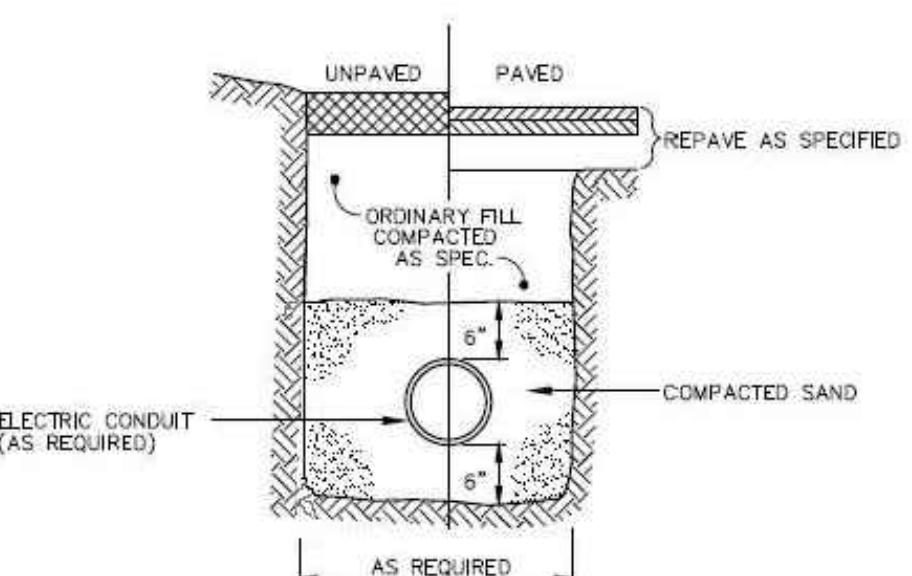
② CHAIN LINK SECURITY FENCE - DOUBLE GATE
SCALE: NOT TO SCALE



③ CHAIN LINK SECURITY FENCE - PERSONNEL GATE
SCALE: NOT TO SCALE



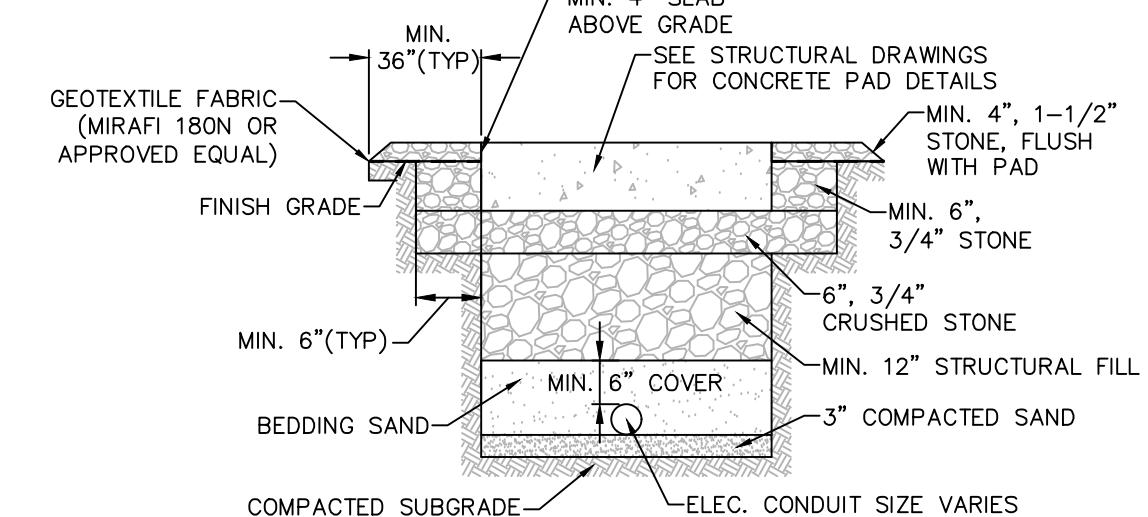
④ ACCESS DRIVE CROSS SECTION
SCALE: NOT TO SCALE



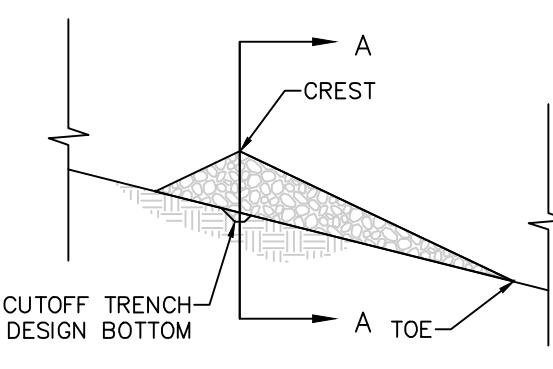
⑤ ELECTRIC CONDUIT TRENCH
SCALE: NOT TO SCALE

SIGN SCHEDULE					
SIGN NO.	SIGN FACE	MIN. SIZE	COLORS	LEGEND	MOUNTING
①	IN CASE OF EMERGENCY, PLEASE CONTACT NEXAMP AT (617) 431-1440 X 8	4"x4"	WHITE	BLACK	ATTACH TO CHAIN LINK FENCE @ THE GATE
②	DANGER HIGH VOLTAGE - KEEP AWAY NO TRESPASSING THIS SITE IS MONITORED BY SURVEILLANCE	5"x14"	WHITE	BLACK	ATTACH TO CHAIN LINK FENCE @ 200' O.C.

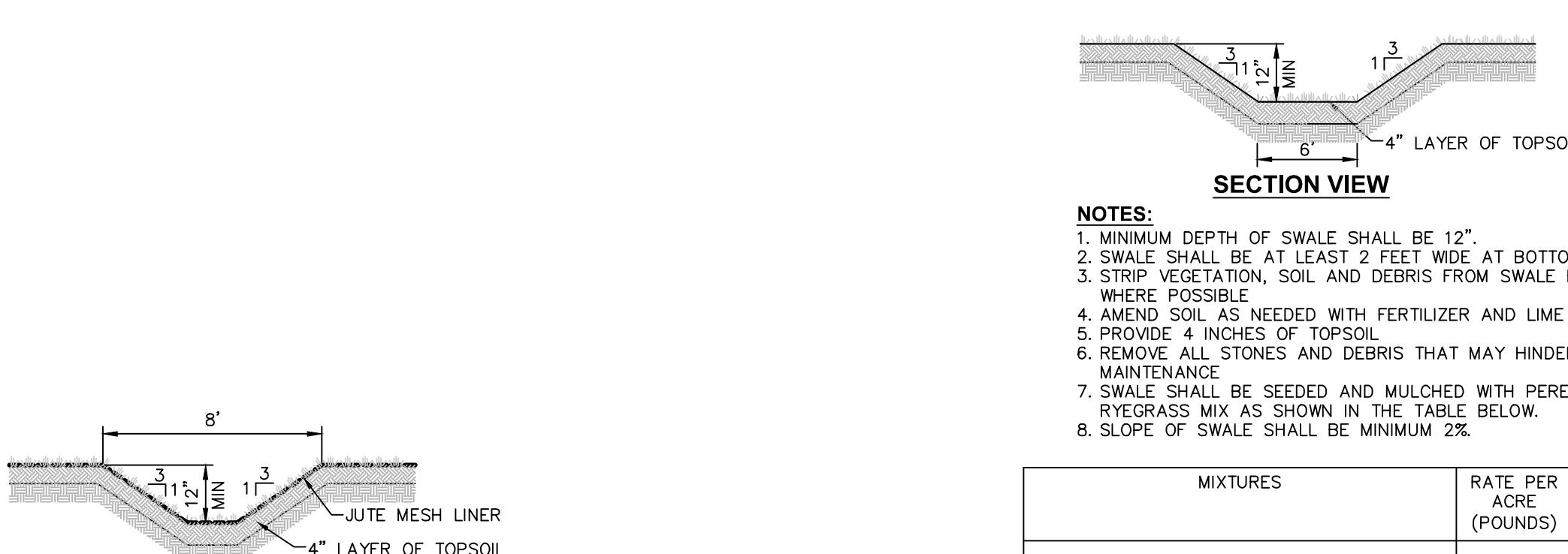
⑥ FENCE SIGN SCHEDULE
SCALE: NOT TO SCALE



⑦ SUBSOIL EQUIPMENT FOUNDATION DETAIL
SCALE: NOT TO SCALE



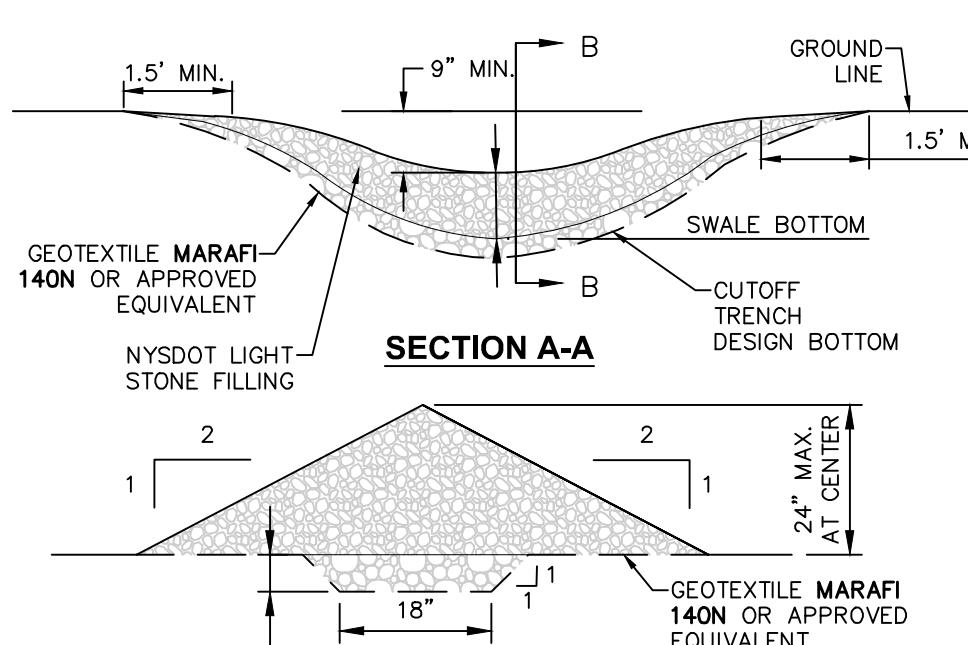
PROFILE



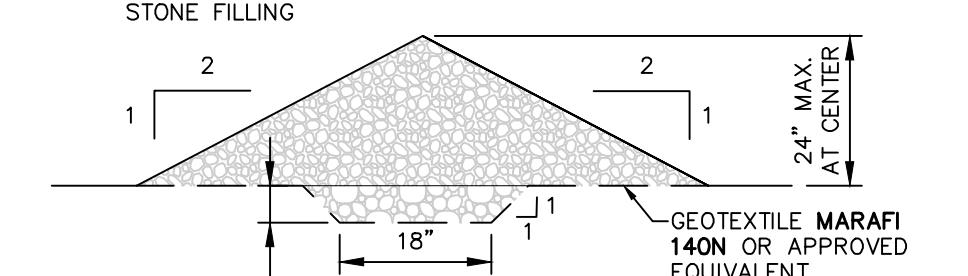
⑧ CONVEYANCE SWALE DETAIL
SCALE: NOT TO SCALE

MIXTURES	RATE PER ACRE (POUNDS)	RATE PER 1,000 SF (POUNDS)
A. PERENNIAL RYEGRASS	30	0.68
TALL FESCUE OR SMOOTH BROMEGRASS	20	0.45
REDTOP	2	0.05

⑨ VEGETATED SWALE DETAIL
SCALE: NOT TO SCALE



SECTION A-A



SECTION B-B

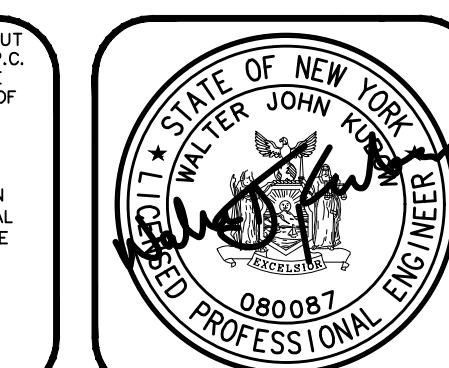
CONSTRUCTION SPECIFICATIONS:
1. STONE SHALL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN ON THE PLAN.
2. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE SWALE BANKS TO PREVENT CUTTING AROUND THE DAM.
3. PROTECT THE CHANNEL DOWNSTREAM OF THE CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.

⑩ STONE CHECK DAM DETAIL
SCALE: NOT TO SCALE



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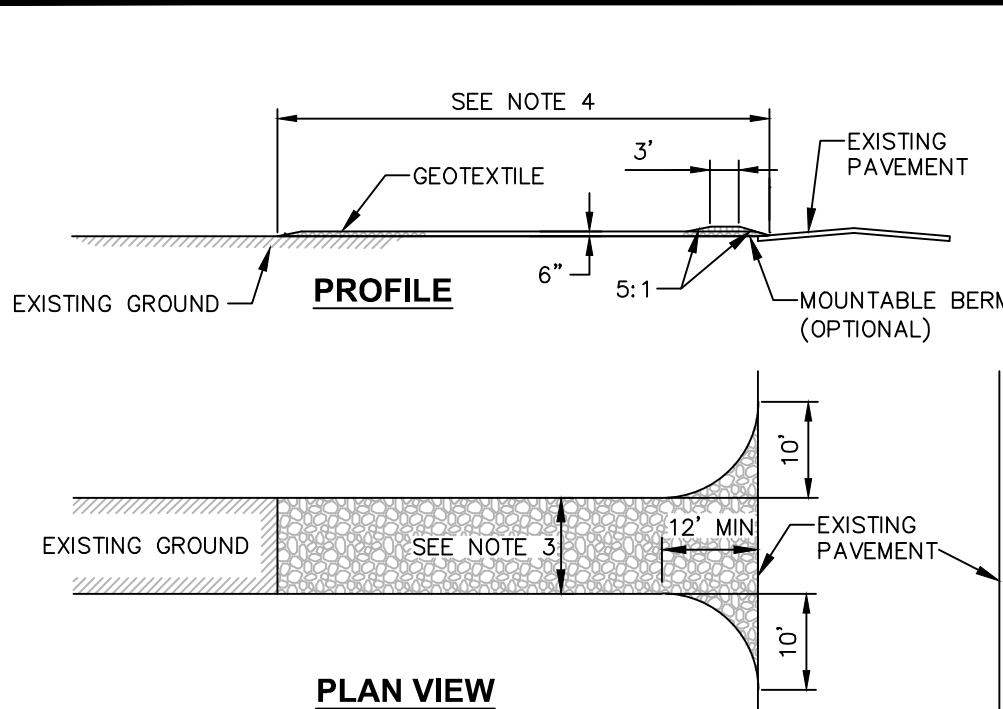
Office Locations:
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 Westchester NY Office:
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White Plains, New York 10601
Phone: (914) 997-8510

MILTON TURNPIKE SOLAR FARM

SITE DETAILS

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

checked
LL
WJK
date
7/26/18
scale
AS SHOWN
project no.
51711.03
sheet no.
C530



PLAN VIEW

CONSTRUCTION ENTRANCE SPECIFICATIONS:

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. THICKNESS – NOT LESS THAN SIX (6) INCHES.

3. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY FOUR (24) FEET IF SINGLE ENTRANCE TO SITE.

4. LENGTH – NOT LESS THAN 50' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).

5. GEOTEXTILE – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.

6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRactical, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

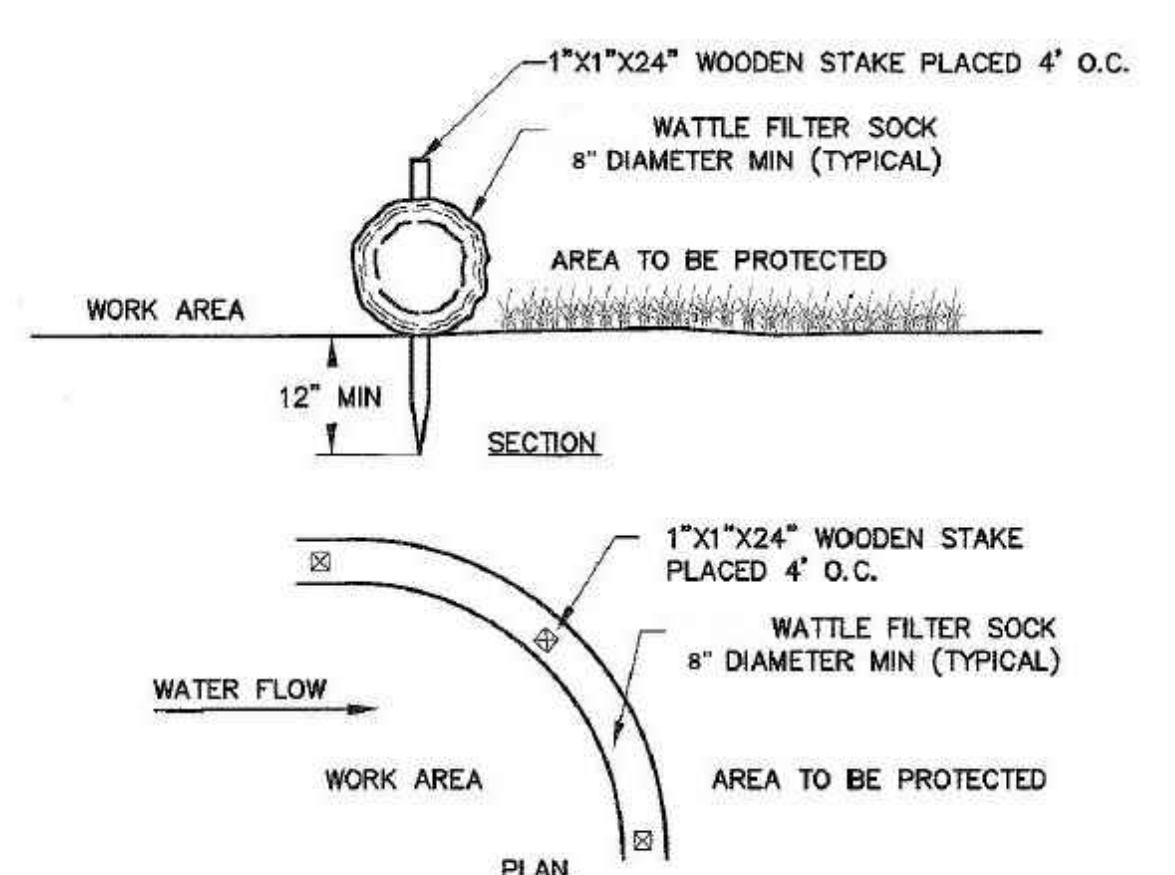
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

8. WASHING – WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ON PUBLIC RIGHTS-OF-WAY. 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.

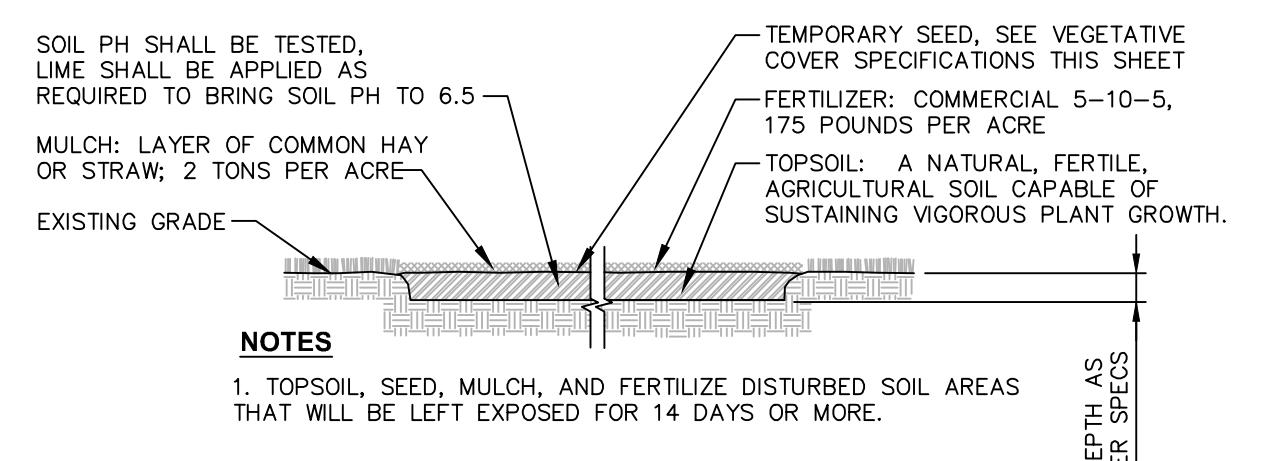
1 STABILIZED CONSTRUCTION ENTRANCE DETAIL

SCALE: NOT TO SCALE



2 BIODEGRADABLE WATTLE FILTER SOCK INSTALLATION DETAIL

SCALE: NOT TO SCALE



3 TEMPORARY TOPSOIL, FERTILIZER, SEED & MULCH DETAIL

SCALE: NOT TO SCALE

COMPACTON REQUIREMENTS

LOCATION	COMPACTON	TESTING FREQUENCY
PIPE TRENCH BACKFILL	95% ASTM D1557	1 SERIES OF TESTS FOR EACH 150 FT OR LESS OF TRENCH LENGTH. SERIES INCLUDE 3 COMPACTION TESTS SPREAD EVENLY ALONG TRENCH PROFILE.
PIPE BEDDING AND PIPE ZONE BACKFILL	95% ASTM D1557	1 TEST FOR EACH 150 FT OR LESS OF TRENCH LENGTH.
PIPE LAYING, FIRST LIFT AND LAST LIFT OF SELECTED GRANULAR FILL (FILL BETWEEN SHEET PILES)	95% ASTM D1557	1 TEST FOR EVERY 2,000 SQ FT. OF LIFT AREA, BUT NO FEWER THAN TWO TESTS PER LIFT

SPDES GENERAL PERMIT GP-01-15-002 COMPLIANCE NOTES:

THIS PLAN SET AND THE ACCOMPANYING SWPPP ENTITLED "STORMWATER POLLUTION PREVENTION PLAN – ROUTE 9D SOLAR FARM" HAVE BEEN SUBMITTED AS A SET. THESE ENGINEERING DRAWINGS ARE CONSIDERED AN INTEGRAL PART OF THE SWPPP, THEREFORE THE PLAN SET IS NOT CONSIDERED COMPLETE WITHOUT THE SWPPP.

1. THIS PROJECT HAS NOT RECEIVED WRITTEN APPROVAL FROM NYSDEC ALLOWING THE DISTURBANCE OF MORE THAN FIVE (5) ACRES OF LAND AT ANY ONE TIME. THEREFORE, IF THE CONTRACTOR'S CONSTRUCTION SEQUENCE REQUIRES THE DISTURBANCE OF MORE THAN FIVE ACRES AT ANY ONE TIME, WRITTEN APPROVAL MUST BE OBTAINED FROM NYSDEC PRIOR TO EXCEEDING THE 5 ACRE LIMIT.

CONSTRUCTION SEQUENCING NOTES:

1. PRIOR TO COMMENCING ANY CLEARING, GRUBBING, EARTHWORK ACTIVITIES, ETC. AT THE SITE, THE CONTRACTOR SHALL FLAG THE WORK LIMITS AND SHALL INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES (I.E. SILT FENCES, TREE PROTECTION/BARRIER FENCES, STABILIZED CONSTRUCTION ENTRANCES, STORM DRAIN SEDIMENT FILTERS, DRAINAGE DITCH SEDIMENT FILTERS, ETC.) INDICATED ON THE PROJECT DRAWINGS. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.
2. THE CONTRACTOR SHALL COMMENCE SITE CONSTRUCTION ACTIVITIES INCLUDING CLEARING & GRADING OF THE PROPOSED AREA OF DISTURBANCE AS REQUIRED.
3. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON THE AREAS DISTURBED DURING THEIR REMOVAL.

MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES:

PERMANENT AND TEMPORARY VEGETATION:

INSPECT ALL AREAS THAT HAVE RECEIVED VEGETATION EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. ALL AREAS DAMAGED BY EROSION OR WHERE SEED HAS NOT ESTABLISHED SHALL BE REPAIRED AND RESTABILIZED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE:

INSPECT THE ENTRANCE PAD EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. CHECK FOR MUD, SEDIMENT BUILD-UP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING WET WEATHER. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL. WASH AND REPLACE STONE AS NEEDED. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPAIRED IMMEDIATELY IF THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. REMOVE TEMPORARY CONSTRUCTION ENTRANCE AS SOON AS THEY ARE NO LONGER NEEDED TO PROVIDE ACCESS TO THE SITE.

BIODEGRADABLE WATTLE FILTER SOCK:

INSPECT FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE FENCE BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE FENCE. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF FENCE IMMEDIATELY.

SOIL STOCKPILE:

INSPECT SEDIMENT CONTROL BARRIERS (WATTLE OR HAY BALE) AND VEGETATION FOR DAMAGE EVERY SEVEN DAYS & AFTER EVERY RAIN EVENT. MAKE ALL REPAIRS IMMEDIATELY. REMOVE SEDIMENT FROM THE UP-SLOPE FACE OF THE SEDIMENT CONTROL BARRIER BEFORE IT ACCUMULATES TO A HEIGHT EQUAL TO 1/3 THE HEIGHT OF THE SEDIMENT CONTROL BARRIER. IF SEDIMENT CONTROL BARRIER TEARS, BEGINS TO DECOMPOSE, OR IN ANYWAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED SECTION OF SEDIMENT CONTROL BARRIER IMMEDIATELY. REVEGETATE DISTURBED AREA TO STABILIZE SOIL STOCK PILE. REMOVE THE SEDIMENT CONTROL BARRIER WHEN THE SOIL STOCKPILE HAS BEEN REMOVED.

DUST CONTROL:

APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER) AS NEEDED.

EROSION AND SEDIMENT CONTROL MEASURES:

GENERAL MEASURES:

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
2. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", NOVEMBER 2016.
2. EXCESS SOIL TO BE STOCKPILED WITHIN THE LIMITS OF SITE DISTURBANCE IF NOT USED IMMEDIATELY FOR GRADING PURPOSES. INSTALL SILT FENCE AROUND SOIL STOCKPILES.
3. APPLY SURFACE STABILIZATION AND RESTORATION MEASURES. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE THERE IS DISPLAYED SEDIMENTATION OR EROSION SHALL NOT BE RESTABILIZED FOR 21 DAYS OR MORE. SOIL SHOULD BE STABILIZED WITH TEMPORARY VEGETATIVE COVER WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITIES IN THAT PORTION OF THE SITE HAS CEASED. (SEE SPECIFICATIONS FOR TEMPORARY VEGETATIVE COVER). AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE WORK IS COMPLETE AND WILL NOT BE RESTABILIZED SHALL BE STABILIZED AND RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE. (SEE SPECIFICATIONS FOR PERMANENT VEGETATIVE COVER). SEEDING FOR PERMANENT VEGETATIVE COVER SHALL BE WITHIN THE SEASONAL LIMITATIONS. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.
4. SEEDED AREAS TO BE MULCHED WITH STRAW OR HAY MULCH IN ACCORDANCE WITH VEGETATIVE COVER SPECIFICATIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL.
7. WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

TOPSOIL SPECIFICATIONS:

1. EXISTING EXCESS TOPSOIL SHALL BE REMOVED AND STORED IN TOPSOIL STOCKPILES. SUFFICIENTLY REMOVED FROM OTHER EXCAVATION OR DISTURBANCE TO AVOID MIXING. SILT FENCE SHALL BE INSTALLED AROUND TOPSOIL STOCKPILE AREAS.

SITE PREPARATION:

1. COMPLETE ROUGH GRADING AND FINAL GRADE, ALLOWING FOR DEPTH OF TOPSOIL TO BE ADDED.
2. REMOVE REFUSE, WOODY PLANT PARTS, STONES OVER 3 INCHES IN DIAMETER, AND OTHER LITTER.

TOPSOIL MATERIALS:

1. NEW TOPSOIL SHALL BE BETTER THAN OR EQUAL TO THE QUALITY OF THE EXISTING ADJACENT TOPSOIL.

APPLICATION AND GRADING:

1. TOPSOIL SHALL BE DISTRIBUTED TO A UNIFORM DEPTH OF 4" OVER THE AREA. IT SHALL NOT BE PLACED WHEN IT IS PARTLY FROZEN, MUDDY, OR ON FROZEN SLOPES OR OVER ICE, SNOW, OR STANDING WATER.
2. TOPSOIL PLACED AND GRADED ON SLOPES STEEPER THAN 5% SHALL BE PROMPTLY FERTILIZED, SEEDED, MULCHED AND STABILIZED BY "TRACKING" WITH SUITABLE EQUIPMENT.

VEGETATIVE COVER SPECIFICATIONS:

TEMPORARY VEGETATIVE COVER (DURING CONSTRUCTION):

1. SITE PREPARATION (SAME AS PERMANENT VEGETATIVE COVER)
2. SEED MIX: (APPLY AT RATE OF 3 TO 4 LBS PER 1000 SF)

AMOUNT BY: SPECIES OR VARIETY MINIMUM %
WEIGHT 100% ANNUAL RYEGRASS 98%

3. SEEDING (SAME AS PERMANENT VEGETATIVE COVER)

PERMANENT VEGETATIVE COVER (AFTER CONSTRUCTION):

1. SITE PREPARATION: BRING AREA TO BE SEDED TO REQUIRED GRADE. A MINIMUM OF 4" OF TOPSOIL IS REQUIRED.
2. SEED MIX: PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, CONFORMING TO FEDERAL AND STATE STANDARDS.

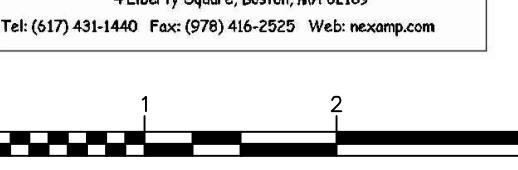
ERNST SOLAR FARM SEED MIX: (ITEM #: ERNMX-186, APPLY AT RATE OF 6 LBS PER 1000 SF. PROVIDE 2' CLEARANCE BETWEEN THE GROUND AND THE SOLAR PANELS.)
AMOUNT BY: WEIGHT SPECIES OR VARIETY
35.0% FESTUCA AUREA 'CREEPING RED FESCUE'
35.0% FESTUCA RUBRA 'COMMUTATA' (HENNGES' FESCUE)
10.0% FESTUCA BREVIPILA 'BEACON' (HARD FESCUE, 'BEACON')
10.0% FESTUCA OVINA VAR. DURIUSCULA (F. LONGIFOLIA), 'JETTY' (HARD FESCUE, 'JETTY')
5.0% POA PRATENSIS, 'CORSAIR' (KENTUCKY BLUEGRASS, 'CORSAIR')
5.0% POA PRATENSIS, 'SHAMROCK' (KENTUCKY BLUEGRASS, 'SHAMROCK')

3. SEEDING
 - APPLY SEED UNIFORMLY BY CYCLONE SEEDER CULTI-PACKER OR HYDRO-SEEDER AT RATE INDICATED.
 - ALL SEDED AREAS SHALL BE PROTECTED FROM EROSION BY ONE OF THE FOLLOWING METHODS, IF NEEDED:
 - A UNIFORM BLANKET OF STRAW APPLIED AT A RATE OF 2 TONS /ACRE MIN., TO BE APPLIED ONCE SEEDING IS COMPLETE.
 - WOOD FIBER CELLULOSE APPLIED WITH SEED MIX BY HYDROSEEDER AT RATE OF 2,000 LBS/ACRE.
 - ALL SEDED SLOPES 3:1 OR GREATER SHALL BE PROTECTED FROM EROSION WITH JUTE MESH OR APPROVED EQUAL.
 - IRRIGATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISLODGE PLANTING SOIL.
- E. UNLESS OTHERWISE DIRECTED IN WRITING, SEED FROM MARCH 15TH TO JUNE 15TH, AND FROM AUGUST 15TH TO OCTOBER 15TH.



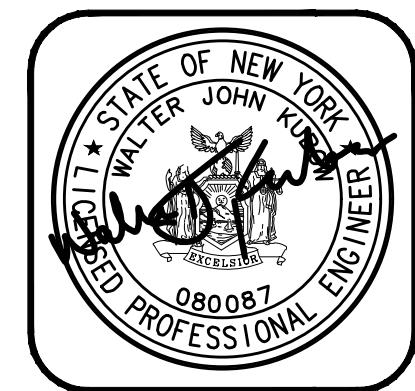
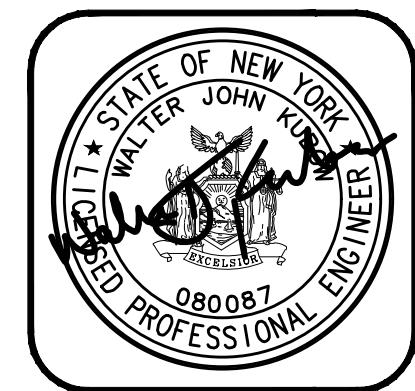
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