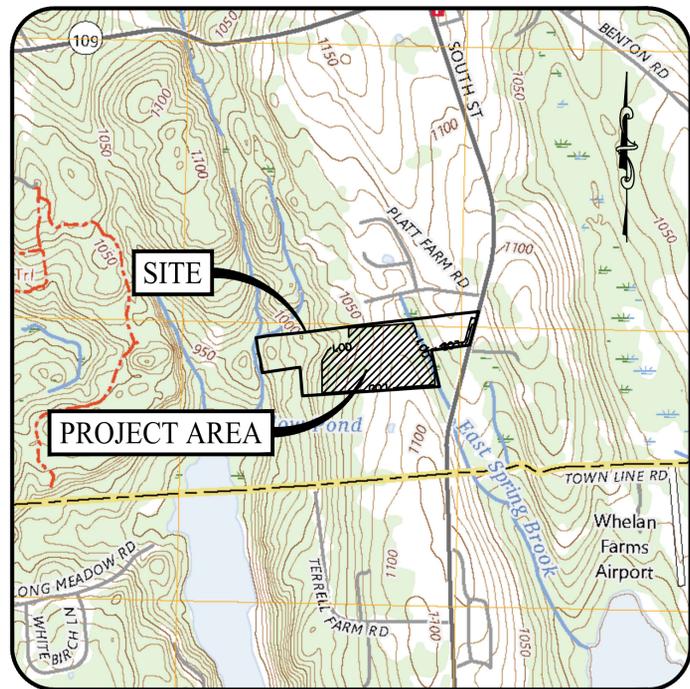


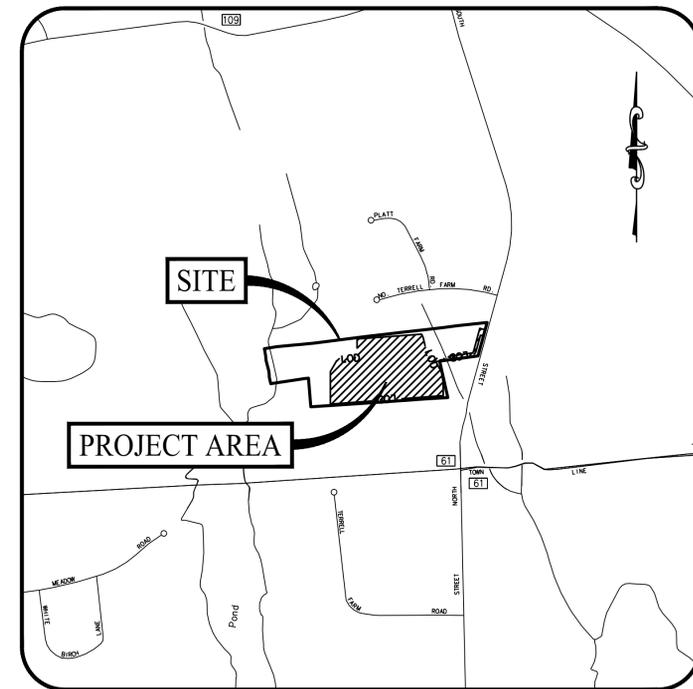
BINA AND ABRAHAM 4.05 MW SOLAR FARM

166 SOUTH STREET
MORRIS, CONNECTICUT 06763



USGS MAP

SCALE: 1" = 1,000'



LOCATION MAP

SCALE: 1" = 1,000'

PREPARED FOR:

LSE PHOBOS LLC

18 NORTH MAIN STREET, 2ND FLOOR
WEST HARTFORD, CONNECTICUT 06107

PREPARED BY:



MONROE, CT | WEST HARTFORD, CT | NORWOOD, MA



OWNER

KESTEN ABRAHAM EST OF & BINA EST OF
82 ELY ROAD
FARMINGTON, CONNECTICUT 06032

ENGINEER OF RECORD

KEVIN SOLLI, P.E., CPESC, LEED AP BD+C
LICENSE NO. 25759
SOLLI ENGINEERING, LLC
501 MAIN STREET
MONROE, CONNECTICUT 06468
(203) 880-5455

APPLICANT

LSE PHOBOS LLC
18 NORTH MAIN STREET, 2ND FLOOR
WEST HARTFORD, CONNECTICUT 06107

SURVEYOR OF RECORD

BRYAN NESTERIAK, PE, LS
LICENSE NO. 23556
ACCURATE LAND SURVEYING
15 RESEARCH DRIVE
WOODBRIIDGE, CONNECTICUT 06525
(203) 881-8145

PROPERTY INFORMATION

ADDRESS: 166 SOUTH STREET, MORRIS, CT
ID: 571
MBLU: 03/680/166
AREA: ±37.30 AC PER SURVEY
BOOK/PAGE: 123/873

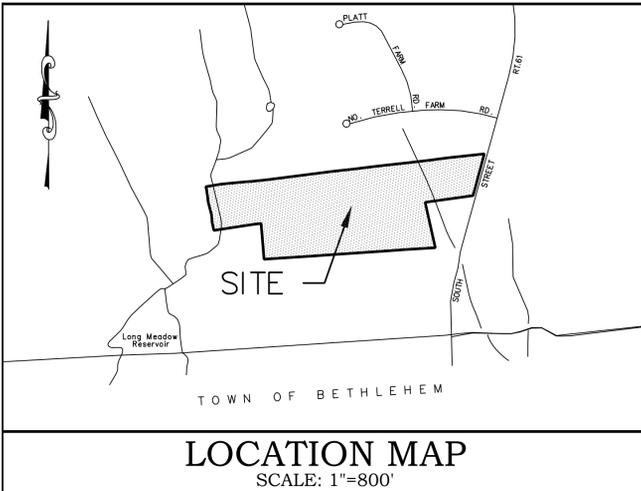
SOIL SCIENTIST

WILLIAM KENNY, CPWS, PLA, ASLA
WILLIAM KENNY ASSOCIATES
195 TUNXIS HILL CUTOFF SOUTH
FAIRFIELD, CT 06825
(203) 366-0588

DRAWING LIST

SHEET #	SHEET NAME	PLAN DATE	LATEST REVISION
0.00	COVER SHEET	10/17/25	02/23/26
1 OF 1	PROPERTY SURVEY	01/10/25	04/07/25
2.10	OVERALL SITE LAYOUT PLAN	10/17/25	02/23/26
2.11	SITE LAYOUT PLAN (SHEET 1 OF 2)	10/17/25	N/A
2.12	SITE LAYOUT PLAN (SHEET 2 OF 2)	10/17/25	N/A
2.21	GRADING & DRAINAGE PLAN (SHEET 1 OF 2)	10/17/25	N/A
2.22	GRADING & DRAINAGE PLAN (SHEET 2 OF 2)	10/17/25	02/23/26
2.31	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE I (SHEET 1 OF 2)	10/17/25	N/A
2.32	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE I (SHEET 2 OF 2)	10/17/25	N/A
2.33	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE II (SHEET 1 OF 2)	10/17/25	N/A
2.34	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE II (SHEET 2 OF 2)	10/17/25	N/A
2.41	SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS	10/17/25	N/A
2.61	LANDSCAPE PLAN	10/17/25	02/23/26
3.01	CONSTRUCTION DETAILS	10/17/25	N/A

Project:	
BINA AND ABRAHAM SOLAR FARM 166 SOUTH STREET MORRIS, CONNECTICUT	
Rev. #:	Date Description
1	02/23/26 CSC Interrogatories
Sheet Title:	Sheet #:
COVER SHEET	0.00

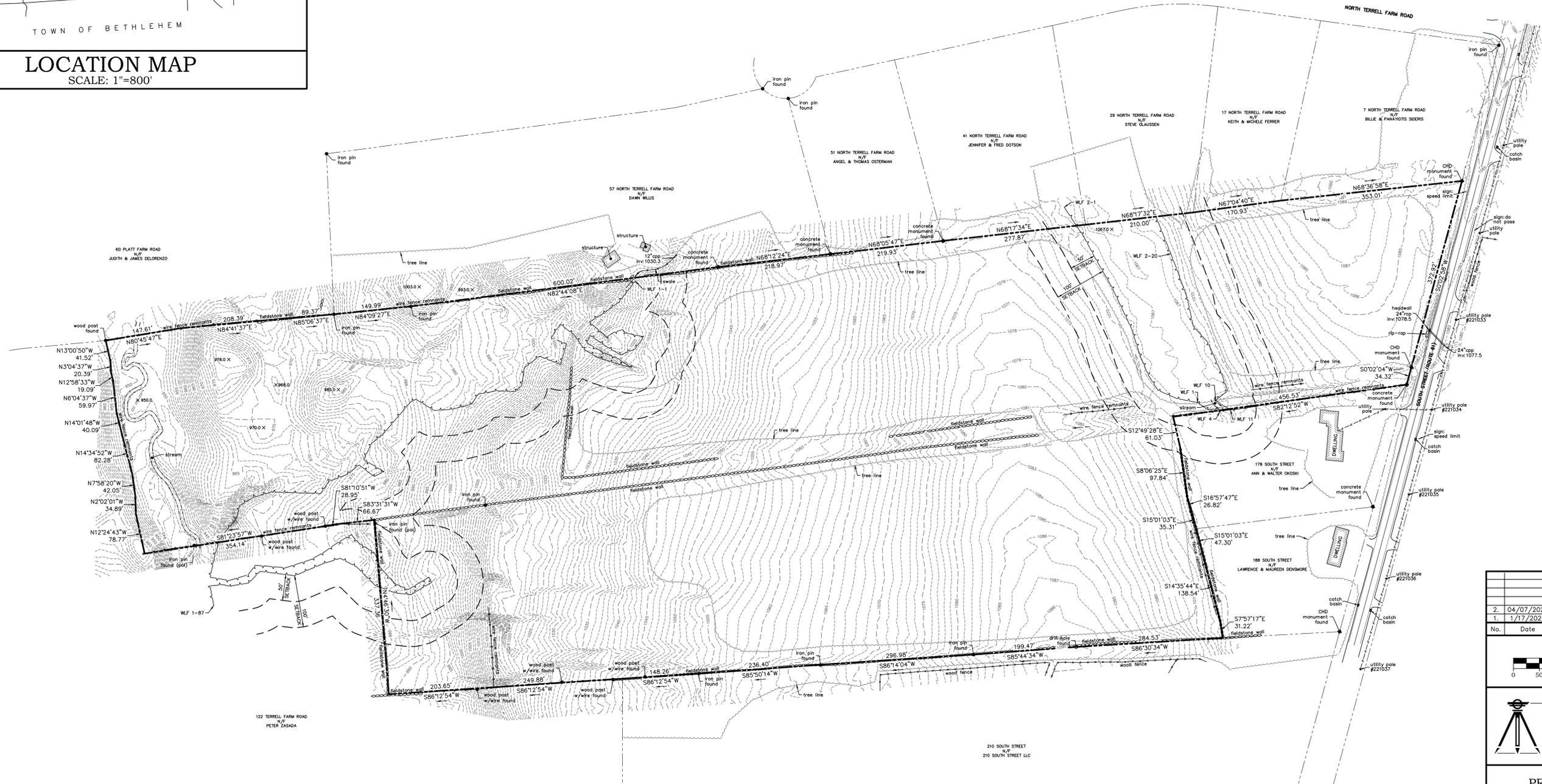


GENERAL SURVEY NOTES

1. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATION OF CONNECTICUT STATE AGENCIES, SECTION 20-300b-1 THROUGH 20-300b-20, EFFECTIVE OCTOBER 26, 2018, AND THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.
2. THE BOUNDARY DETERMINATION SHOWN HEREON IS CONSIDERED A FIRST SURVEY.
3. TOPOGRAPHY SHOWN HEREON OBTAINED FROM PHOTOGRAMMETRIC DRONE TECHNIQUES. VERTICAL DATA CONFORMS TO CLASS V-2 STANDARDS. TOPOGRAPHIC DATA OBTAINED THROUGH PHOTOGRAMMETRIC SURVEY CONFORMS TO CLASS T-3 STANDARDS. CONTOURS AND ELEVATIONS REFER TO NAVD 88 DATUM.
4. BEARINGS, COORDINATES AND ELEVATIONS ARE DERIVED FROM THE CONNECTICUT GEODETIC SURVEY (CTS) VIA GPS TECHNOLOGY AND CONVENTIONAL SURVEY METHODS.
5. THIS IS A PROPERTY SURVEY. THE PURPOSE OF WHICH IS TO SHOW EXISTING CONDITIONS.
6. PROPERTY IS ALSO KNOWN AS TOWN OF MORRIS TAX LOT 166, BLOCK 680 ON ASSESSORS MAP 03.
7. TOTAL AREA = 1,625,153.5 SQ.FT. OR 37.30 ACRES
8. PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD ZONE AS DETERMINED BY FEMA.
9. THE LOCATION OF UNDERGROUND UTILITIES SHOULD BE CONSIDERED APPROXIMATE AND OTHER THAN DEPICTED HEREON, IF ANY, IS UNKNOWN.
10. WETLANDS DELINEATED BY IAN COLE, LLC. FEBRUARY 27, FLAGS WERE LOCATED VIA GPS TECHNOLOGY.

MAP REFERENCES

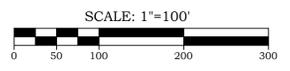
1. PLAN ENTITLED "RIGHT OF WAY MAP TOWN OF MORRIS BETHLEHEM - MORRIS ROAD FROM THE BETHLEHEM TOWN LINE NORTHERLY TO MORRIS CENTER ROUTE NO. 61, V.98 88-08, SHEETS 1 & 2 OF 2. SCALE 1"=40'. DATED: JUNE 13, 1935. ON FILE IN THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION OFFICE DISTRICT 4.
2. PLAN ENTITLED "SUBDIVISION MAP PREPARED FOR DAVSTON INCORPORATED ROUTE 61 MORRIS, CONNECTICUT. SCALE 1"=100'. DATED: FEBRUARY 16, 1974. BY GEORGE P. BURHAM ON FILE IN THE TOWN OF MORRIS CLERK'S OFFICE AS MAP 4-25.
3. PLAN ENTITLED "PROPOSED SUBDIVISION DAVSTON INC MORRIS, CONNECTICUT. SCALE 1"=100'. DATED: NOVEMBER 3, 1974. BY H.W. HART. ON FILE IN THE TOWN OF MORRIS CLERK'S OFFICE AS MAP 5-104.
4. PLAN ENTITLED "RESUBDIVISION PLAN DAVSTON INC MORRIS, CONNECTICUT. SCALE 1"=100'. DATED: JUNE 20, 1977. BY H.W. HART. ON FILE IN THE TOWN OF MORRIS CLERK'S OFFICE AS MAP 5-146.
5. PLAN ENTITLED "MAP PREPARED FOR PETER M. & SANDRA F. DAHLIN NORTH TERRELL FARM ROAD MORRIS, CONNECTICUT. SCALE 1"=40'. DATED: OCTOBER, 1984. BY WILLIAM A. BERGLUND. ON FILE IN THE TOWN OF MORRIS CLERK'S OFFICE AS MAP 8-248.
6. PLAN ENTITLED "MAP PREPARED FOR JOHN D. ENZ NORTH TERRELL FARM ROAD MORRIS, CONNECTICUT. SCALE 1"=100'. DATED: OCTOBER, 1989. BY SAMUEL P. BERTOCCHI, JR. ON FILE IN THE TOWN OF MORRIS CLERK'S OFFICE AS MAP 8-355.



LEGEND

<ul style="list-style-type: none"> □ C.H.D. Monument ● Iron Pin to be Set ● Conc. Monument to be Set ● I. Pipe ● Iron Pin ○ D.H. Drill Hole ○ Fnd. Found ○ N/F. Now or Formerly --- Property Line --- Property Line (adjoining) --- Building Setback Line --- Easement Line --- Edge of water --- FEMA Flood Zone --- Base Flood Elevation --- Existing Spot Elevation --- Building (existing) 	<ul style="list-style-type: none"> --- Gas gate valve --- Water gate valve --- Water meter --- Hyd. Hydrant --- W. Water main (existing) --- G. Gas Main (existing) --- SD. Underground Storm Drain Pipes --- S. Sanitary Sewer Main (existing) --- C. Electrical Line (existing) --- Overhead Wires --- Sanitary Manhole --- Electric Manhole --- Telecom Manhole --- Unknown Manhole --- Chain Link or Split Rail Fence --- Metal/Wire Fence --- Wooden or Vinyl Fence --- Utility Pole with lamp --- Utility Pole 	<ul style="list-style-type: none"> --- Evergreen Tree --- Deciduous Tree --- Swamp or Wetlands --- Tree Line --- 123. Existing Contours --- R.C.P. Reinforced Concrete Pipe --- C.M.P. Corrugated Metal Pipe --- O.P.T.A. Percolation Test Location --- 100. Deep Test Pit Location --- Stone Retaining Wall --- Retaining Wall --- Stone Wall --- Wetland Limit --- Wetland Flag Number --- Wetland Setback --- Benchmark --- Monitoring Well --- INV. Invert Elevation of Pipe --- Existing Catch Basin/Pipe
---	---	---

No.	Date	REVISION DESCRIPTION
2.	04/07/2025	REVISED WETLANDS (FRONT)
1.	1/17/2025	REVISED PROPERTY LINE



ACCURATE LAND SURVEYING, LLC
 13 RESEARCH DRIVE | 501 MAIN STREET
 WOODBRIDGE, CT 06525 | MORRIS, CT 06468
 TEL: 203.891.8145 | TEL: 203.890.9459

PROPERTY SURVEY

OF

166 SOUTH STREET, MORRIS, CONNECTICUT

PREPARED FOR
LODESTAR ENERGY

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Date 1/10/2025
 Scale 1"=100'
 Job No. 1541
 Drawing No. 1 of 1

BRYAN P. NESTERIAK, PE, LS 23556

THIS DOCUMENT, THE IDEAS AND DESIGN INCORPORATED HEREON IS AN INSTRUMENT OF PROFESSIONAL SERVICE AND THE PROPERTY OF ACCURATE LAND SURVEYING, LLC AND IS NOT TO BE REPRODUCED OR USED IN WHOLE OR IN PART FOR ANY EXTENSION OF THIS PROJECT OR FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF ACCURATE LAND SURVEYING, LLC. THIS DRAWING IS NOT A FINAL AND VALID DOCUMENT WITHOUT A SIGNATURE OF THE CERTIFYING PROFESSIONAL AND A LIVE MET STAMP OR EMBOSSED SEAL.

PS: 166 SOUTH STREET, MORRIS, CT.

GENERAL NOTES

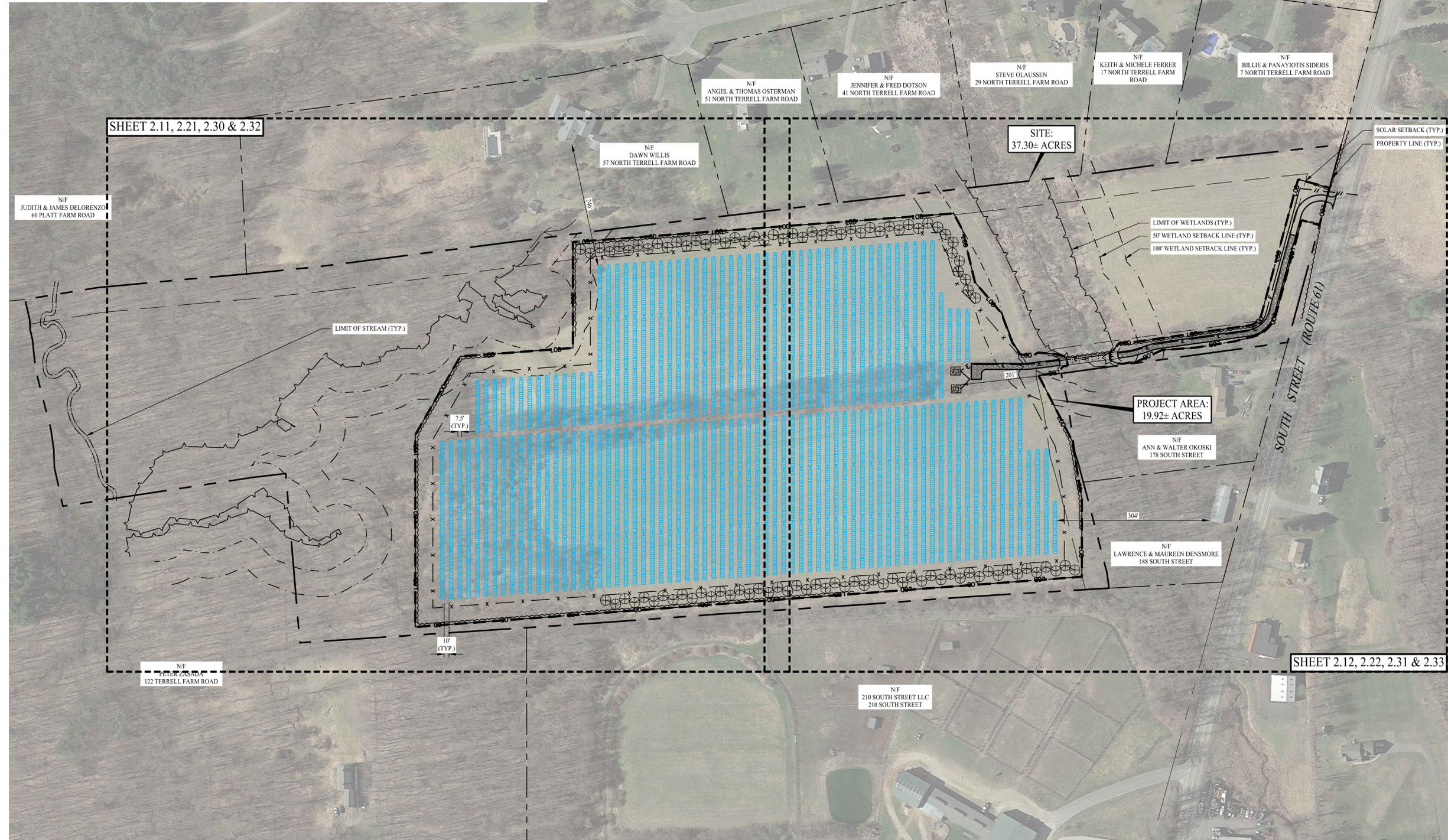
1. THESE PLANS ARE FOR PERMITTING PURPOSES ONLY AND ARE NOT FOR CONSTRUCTION. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
2. EXISTING BOUNDARY, TOPOGRAPHY AND SITE CONDITIONS INFORMATION TAKEN FROM A PLAN ENTITLED "PROPERTY SURVEY OF 166 SOUTH STREET, MORRIS, CONNECTICUT", SCALE 1"=100', DATED: 01/17/2025, BY "ACCURATE LAND SURVEYING, LLC".
3. ALL CONSTRUCTION SHALL COMPLY WITH TOWN OF MORRIS STANDARDS, CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARDS, CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION STANDARDS, AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
4. THE PETITIONER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL COUNTY AND TOWN CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
5. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER OF RECORD IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO BIDDING.
6. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
7. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
8. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER OF RECORD.
9. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER OF RECORD HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
10. THE CONTRACTOR SHALL COMPLY WITH CFR 29 PART 1926 FOR EXCAVATION TRENCHING AND TRENCH PROTECTION REQUIREMENTS.
11. ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE ENGINEER OF RECORD, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING PROCESS.
12. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800) 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.

SOLAR ARRAY SYSTEM INFORMATION

	TOTAL OUTPUT
SIZE DC	4,988 MW
SIZE AC	4,050 MW
INVERTER LOAD RATIO	1.23
MODULE TYPE	SILFAB 580 W
MODULE QUANTITY	8,600
INVERTER	SMA PEAK3 150KW
INVERTER QUANTITY	27
UTILITY	EVERSOURCE
SITE AREA	37.30± ACRES
PROJECT AREA	19.92± ACRES

LEGEND

- PROPERTY LINE (SITE)
- ADJACENT LOT LINE
- SOLAR SETBACK LINE
- PROJECT AREA
- LIMIT OF WETLANDS
- 50' WETLAND SETBACK LINE
- 100' WETLAND SETBACK LINE
- STREAM
- CONCRETE EQUIPMENT PAD
- 8' AGRICULTURAL FENCE
- SOLAR MODULES
- ELECTRIC CONDUIT
- LIMIT OF TREE CLEARING
- LIMIT OF DISTURBANCE
- GRAVEL ACCESS DRIVE
- EVERGREEN TREE



Rev. #:	Date	Description
1	02/23/26	CSC Interrogatories



SOLLI ENGINEERING
 MONROE, CT | W. HARTFORD, CT | NORWOOD, MA
 SOLLIENGINEERING.COM
 T: (203) 880-5455 | F: (203) 880-9695

Drawn By:	AWC
Checked By:	EEL
Approved By:	KMS
Project #:	24118701
Plan Date:	10/17/25
Scale:	1" = 100'



BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

Sheet Title:	Sheet #:
OVERALL SITE LAYOUT PLAN	2.10

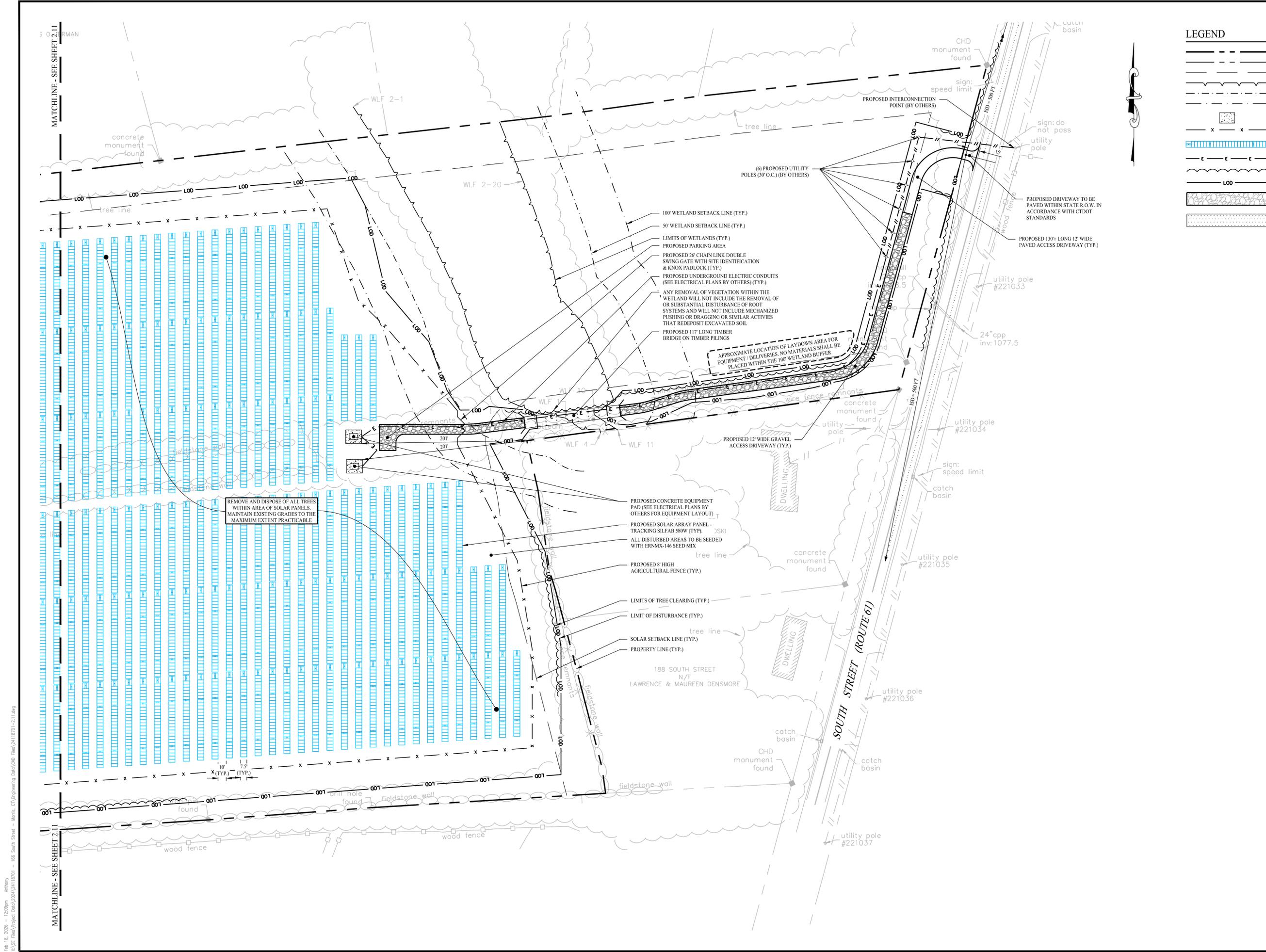
Feb 18, 2024 - 12:09pm Anthony
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LEGEND

	PROPERTY LINE
	ADJACENT LOT LINE
	SOLAR SETBACK LINE
	LIMIT OF WETLANDS
	50' WETLAND SETBACK LINE
	100' WETLAND SETBACK LINE
	CONCRETE EQUIPMENT PAD
	8' AGRICULTURAL FENCE
	SOLAR MODULES
	ELECTRIC CONDUIT
	LIMIT OF TREE CLEARING
	LIMIT OF DISTURBANCE
	GRAVEL ACCESS DRIVE

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Graphic Scale:		
<p>MONROE, CT W. HARTFORD, CT NORWOOD, MA SOLLIENGINEERING.COM T: (203) 880-5455 F: (203) 880-9695</p>		
Drawn By:	AWC	<p>Kevin Solli, P.E. CT 25759</p>
Checked By:	EEL	
Approved By:	KMS	
Project #:	24118701	
Plan Date:	10/17/25	
Scale:	1" = 50'	
Project:		
<p>BINA AND ABRAHAM SOLAR FARM 166 SOUTH STREET MORRIS, CONNECTICUT</p>		
Sheet Title:	Sheet #:	
SITE LAYOUT PLAN (SHEET 1 OF 2)	2.11	



LEGEND

	PROPERTY LINE
	ADJACENT LOT LINE
	SOLAR SETBACK LINE
	LIMIT OF WETLANDS
	50' WETLAND SETBACK LINE
	100' WETLAND SETBACK LINE
	CONCRETE EQUIPMENT PAD
	8' AGRICULTURAL FENCE
	SOLAR MODULES
	ELECTRIC CONDUIT
	LIMIT OF TREE CLEARING
	LIMIT OF DISTURBANCE
	GRAVEL ACCESS DRIVE
	WETLAND IMPACT AREA

Rev. #:	Date	Description



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Drawn By:	AWC
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Project #:	24118701
Plan Date:	10/17/25
Scale:	1" = 50'



BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

Sheet Title:	SITE LAYOUT PLAN (SHEET 2 OF 2)
Sheet #:	2.12

Feb 18, 2024 - 12:09pm Anthony
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GRADING & DRAINAGE NOTES

1. REFER TO THE EXISTING CONDITIONS MAP FOR THE ENTIRE PROPERTY BOUNDARY AND EXISTING CONDITIONS INFORMATION. THE PLAN HEREON DEPICTS A PORTION OF THE PROPERTY IN WHICH THE SITE WORK IS BEING PROPOSED.
2. THIS DRAWING IS INTENDED TO DESCRIBE GRADING AND DRAINAGE ONLY. REFER TO SITE PLAN FOR GENERAL INFORMATION, AND DETAIL SHEETS FOR DETAILS.
3. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON DRAWINGS. REFER TO EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND EROSION CONTROL NOTES.
4. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE FOR USE IN FINAL LANDSCAPING.
5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY GOVERNMENT AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS FROM THE TOWN OF MORRIS REQUIRED TO PERFORM ALL WORK, INCLUDING FOR STREET CUTS AND CONNECTIONS TO EXISTING UTILITIES. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
6. ALL DISTURBANCE INCURRED TO TOWN OR STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO ITS PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWN OF MORRIS AUTHORITY.
7. SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED, EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER OF RECORD IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
8. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK OF IMPACTED SOIL AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
9. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT (800) 922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
10. ALL PIPE LENGTHS ARE HORIZONTAL DISTANCES AND ARE APPROXIMATE.
11. ALL DISTURBED AREAS ARE TO BE RESEED WITH ERNMX-146.

LEGEND

	PROPERTY LINE
	MAJOR CONTOURS
	MINOR CONTOURS
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	PROPOSED SPOT ELEVATION
	EXISTING SPOT ELEVATION
	STORM DRAIN PIPE
	FLARED END SECTION
	RIPRAP APRON

Rev. #:	Date	Description



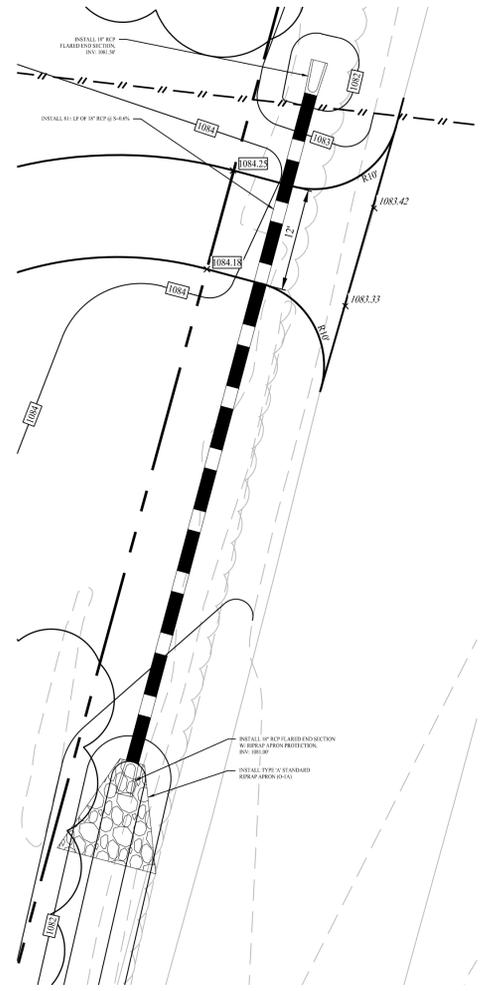
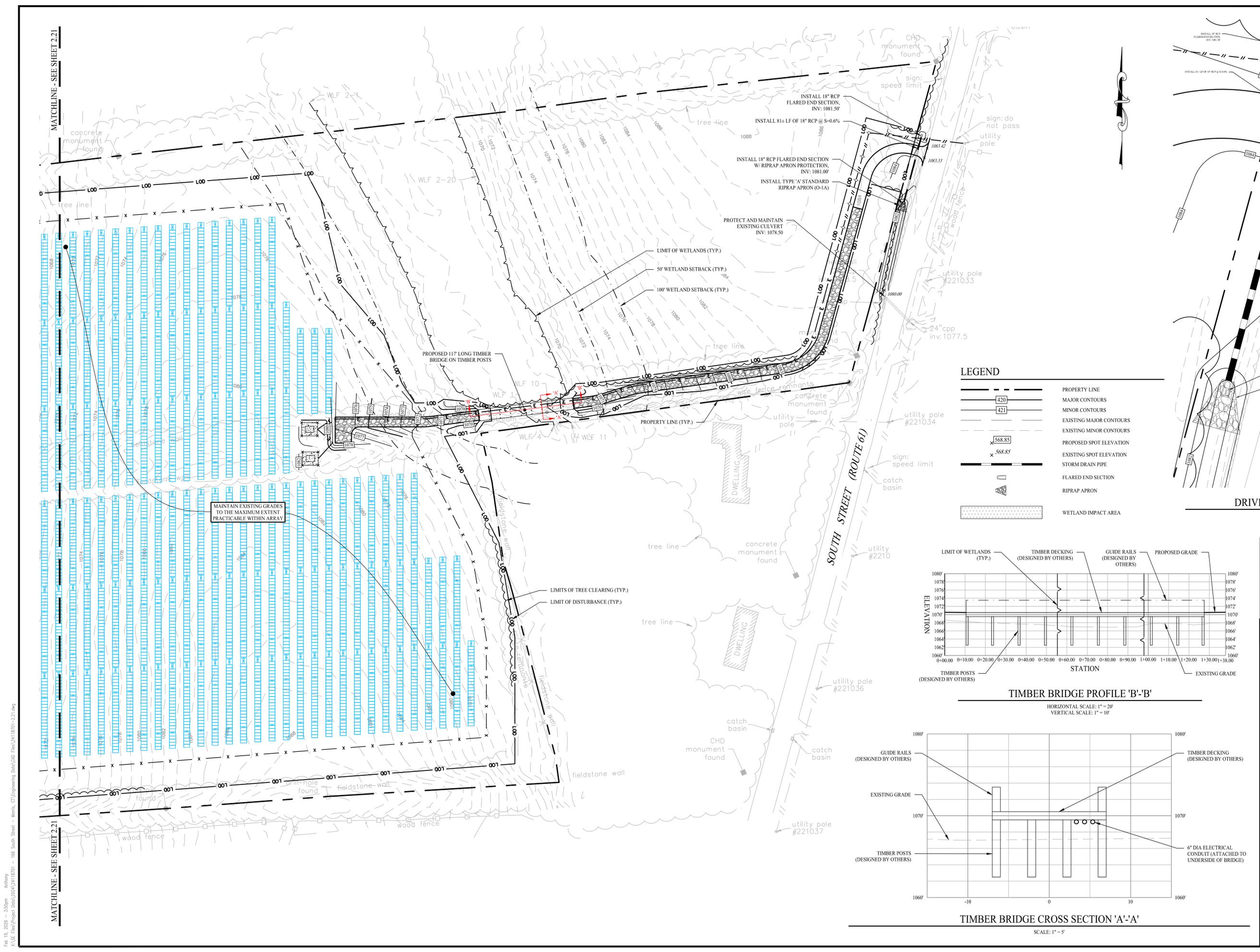
SOLLI ENGINEERING
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Drawn By:	AWC
Checked By:	EEL
Approved By:	KMS
Project #:	24118701
Plan Date:	10/17/25
Scale:	1" = 50'



BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

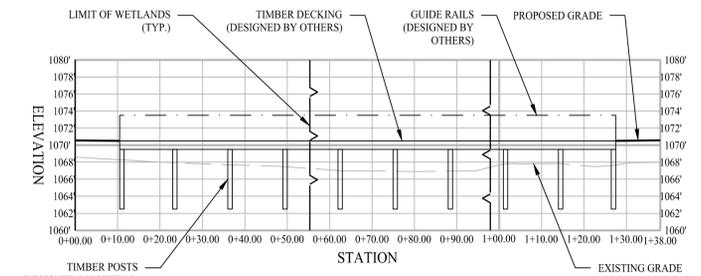
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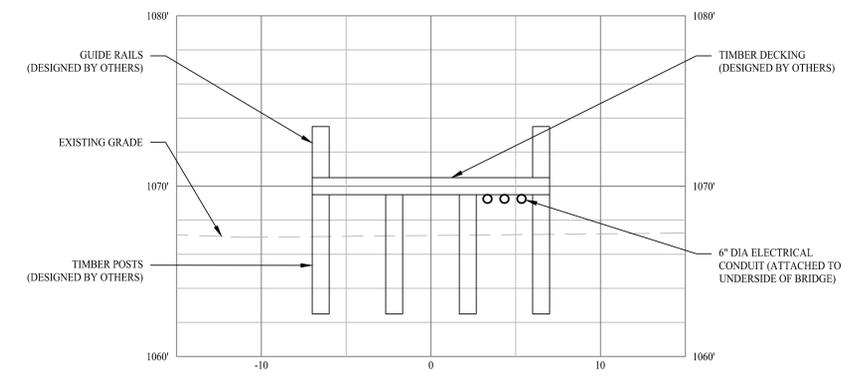
DRIVE ENLARGEMENT
SCALE: 1" = 5'

LEGEND

- PROPERTY LINE
- MAJOR CONTOURS
- MINOR CONTOURS
- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- STORM DRAIN PIPE
- FLARED END SECTION
- RIPRAP APRON
- WETLAND IMPACT AREA



TIMBER BRIDGE PROFILE 'B'-'B'
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'



TIMBER BRIDGE CROSS SECTION 'A'-'A'
SCALE: 1" = 5'

2	02/23/26	CSC Interrogatories
1	06/30/25	Revised Per CTDOT
Rev. #:	Date	Description



SOLLI ENGINEERING
 MONROE, CT | W. HARTFORD, CT | NORWOOD, MA
 SOLLIENGINEERING.COM
 T: (203) 880-5455 | F: (203) 880-9695

Drawn By:	AWC
Checked By:	EEL
Approved By:	KMS
Project #:	24118701
Plan Date:	10/17/25
Scale:	1" = 5'



BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

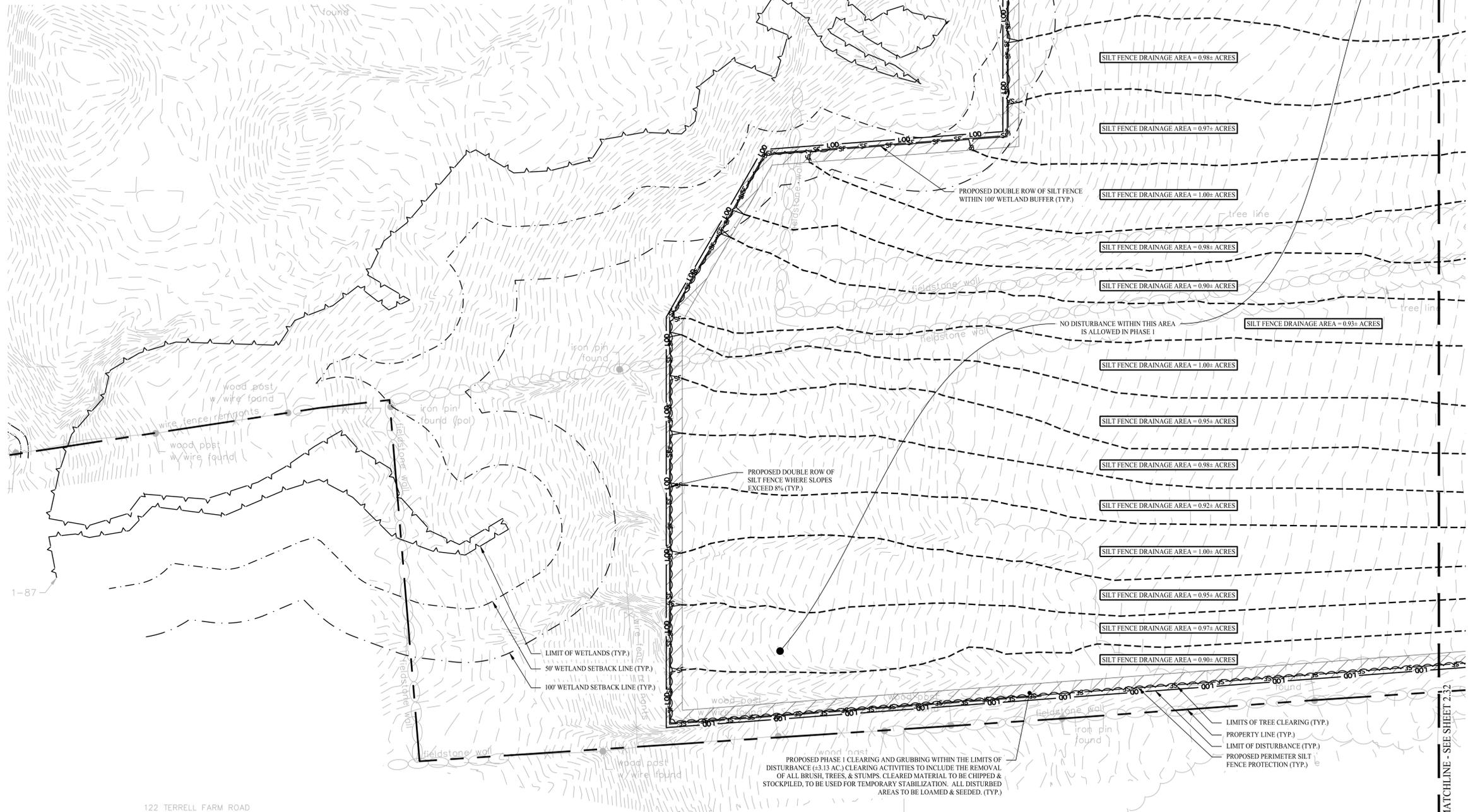
Sheet Title:	GRADING & DRAINAGE PLAN (SHEET 2 OF 2)
Sheet #:	2.22

Feb 19, 2026 - 3:50pm Anthony
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SEDIMENT & EROSION CONTROL NOTES

- THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF MORRIS, PERMITTEE, AND/OR SWPCP MONITOR. ALL PERIMETER SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF CLEARING AND GRUBBING AND DEMOLITION OPERATIONS.
- THESE DRAWINGS ARE ONLY INTENDED TO DESCRIBE THE SEDIMENT AND EROSION CONTROL MEASURES FOR THIS SITE. SEE CONSTRUCTION SEQUENCE FOR ADDITIONAL INFORMATION. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN ARE SHOWN AS REQUIRED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EROSION CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO STORM DRAINAGE SYSTEMS AND/OR WATERCOURSES. ACTUAL SITE CONDITIONS OR SEASONAL AND CLIMATIC CONDITIONS MAY WARRANT ADDITIONAL CONTROLS OR CONFIGURATIONS, AS REQUIRED, AND AS DIRECTED BY THE PERMITTEE AND/OR SWPCP MONITOR. REFER TO SITE PLAN FOR GENERAL INFORMATION AND OTHER CONTRACT PLANS FOR APPROPRIATE INFORMATION.
- A BOND OR LETTER OF CREDIT MAY BE REQUIRED TO BE POSTED WITH THE GOVERNING AUTHORITY FOR THE EROSION CONTROL INSTALLATION AND MAINTENANCE.
- THE CONTRACTOR SHALL APPLY THE MINIMUM EROSION & SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN IN CONJUNCTION WITH CONSTRUCTION SEQUENCING, SUCH THAT ALL ACTIVE WORK ZONES ARE PROTECTED. ADDITIONAL AND/OR ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES MAY BE INSTALLED DURING THE CONSTRUCTION PERIOD IF FOUND NECESSARY BY THE CONTRACTOR, OWNER, ENGINEER OF RECORD, MUNICIPAL OFFICIALS, OR ANY GOVERNING AGENCY. THE CONTRACTOR SHALL CONTACT THE OWNER AND APPROPRIATE GOVERNING AGENCIES FOR APPROVAL IF ALTERNATIVE CONTROLS OTHER THAN THOSE SHOWN ON THE PLANS ARE PROPOSED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE EXTREME CARE DURING CONSTRUCTION SO AS NOT TO DISTURB UNPROTECTED WETLAND AREAS OR INSTALLED SEDIMENTATION AND EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSPECT ALL SEDIMENT AND EROSION CONTROLS WEEKLY AND WITHIN 24 HOURS OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCHES OR GREATER TO VERIFY THAT THE CONTROLS ARE OPERATING PROPERLY AND MAKE REPAIRS AS NECESSARY IN A TIMELY MANNER.
- THE CONTRACTOR SHALL KEEP A SUPPLY OF EROSION CONTROL MATERIAL (SILT FENCE, COMPOSITE FILTER SOCK, EROSION CONTROL BLANKET, ETC.) ON-SITE FOR PERIODIC MAINTENANCE AND EMERGENCY REPAIRS.
- ALL FILL MATERIAL PLACED ADJACENT TO ANY WETLAND AREA SHALL BE GOOD QUALITY, WITH LESS THAN 5% FINES PASSING THROUGH A #200 SIEVE (BANK RUN), SHALL BE PLACED IN MAXIMUM ONE FOOT LIFTS, AND SHALL BE COMPACTED TO 95% MAX. DRY DENSITY MODIFIED PROCTOR OR AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
- PROTECT EXISTING TREES THAT ARE TO BE SAVED BY FENCING, ORANGE SAFETY FENCE, CONSTRUCTION TAPE, OR EQUIVALENT FENCING TAPE. ANY LIMB TRIMMING SHOULD BE DONE AFTER CONSULTATION WITH AN ARBORIST AND BEFORE CONSTRUCTION BEGINS IN THAT AREA. FENCING SHALL BE MAINTAINED AND REPAIRED DURING CONSTRUCTION.
- CONSTRUCTION ENTRANCES (ANTI-TRACKING PADS) SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR CONSTRUCTION ACTIVITY AND SHALL BE MAINTAINED THROUGHOUT THE DURATION OF ALL CONSTRUCTION IF REQUIRED. THE LOCATION OF THE TRACKING PADS MAY CHANGE AS VARIOUS PHASES OF CONSTRUCTION ARE COMPLETED. CONTRACTOR SHALL ENSURE THAT ALL VEHICLES EXITING THE SITE ARE PASSING OVER THE ANTI-TRACKING PADS PRIOR TO EXITING.
- ALL CONSTRUCTION SHALL BE CONTAINED WITHIN THE LIMIT OF DISTURBANCE, WHICH SHALL BE MARKED WITH SILT FENCE, SAFETY FENCE, HAY BALES, RIBBONS, OR OTHER MEANS PRIOR TO CLEARING. CONSTRUCTION ACTIVITY SHALL REMAIN ON THE UPHILL SIDE OF THE SEDIMENT BARRIER UNLESS WORK IS SPECIFICALLY CALLED FOR ON THE DOWNHILL SIDE OF THE BARRIER.
- NO CUT OR FILL SLOPES SHALL EXCEED 2:1 EXCEPT WHERE STABILIZED BY ROCK FACED EMBANKMENTS OR EROSION CONTROL BLANKETS. ALL SLOPES SHALL BE SEEDED AND BANKS WILL BE STABILIZED IMMEDIATELY UPON COMPLETION OF FINAL GRADING UNTIL TURF IS ESTABLISHED.
- DIRECT ANY DEWATERING PUMP DISCHARGE TO A SEDIMENT CONTROL DEVICE CONFORMING TO THE GUIDELINES WITHIN THE APPROVED LIMIT OF DISTURBANCE IF REQUIRED. DISCHARGE TO STORM DRAINS OR SURFACE WATERS FROM SEDIMENT CONTROLS SHALL BE CLEAR AND APPROVED BY THE PERMITTEE OR MUNICIPALITY.
- THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS ON THE SITE. PROPER SANITARY DEVICES SHALL BE MAINTAINED ON-SITE AT ALL TIMES AND SECURED APPROPRIATELY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS ON THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL

- APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION AND RESPONSE/CONTAINMENT.
- MINIMIZE LAND DISTURBANCES. SEED AND MULCH DISTURBED AREAS WITH TEMPORARY MIX AS SOON AS PRACTICABLE (2 WEEK MAXIMUM UNSTABILIZED PERIOD) USING PERENNIAL RYEGRASS AT 40 LBS PER ACRE. MULCH ALL CUT AND FILL SLOPES AND SWALES WITH LOOSE HAY AT A RATE OF 2 TONS PER ACRE. IF NECESSARY, REPLACE LOOSE HAY ON SLOPES WITH EROSION CONTROL BLANKETS OR JUTE CLOTH. MODERATELY GRADED AREAS, ISLANDS, AND TEMPORARY CONSTRUCTION STAGING AREAS MAY BE HYDROSEDED WITH TACKIFIER.
 - SWEEP AFFECTED PORTIONS OF OFF SITE ROADS ONE OR MORE TIMES A DAY (OR LESS FREQUENTLY IF TRACKING IS NOT A PROBLEM) DURING CONSTRUCTION. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAYS DAMP. CALCIUM CHLORIDE MAY ALSO BE APPLIED TO ACCESS ROADS. DUMP TRUCK LOADS EXITING THE SITE SHALL BE COVERED.
 - VEGETATIVE ESTABLISHMENT SHALL OCCUR ON ALL DISTURBED SOIL, UNLESS THE AREA IS UNDER ACTIVE CONSTRUCTION, IT IS COVERED IN STONE OR SCHEDULED FOR PAVING WITHIN 30 DAYS. TEMPORARY SEEDING OR NON-LIVING SOIL PROTECTION OF ALL EXPOSED SOILS AND SLOPES SHALL BE INITIATED WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK IN AREAS TO BE LEFT LONGER THAN 30 DAYS.
 - MAINTAIN ALL PERMANENT AND TEMPORARY SEDIMENT CONTROL DEVICES IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. UPON COMPLETION OF WORK SWEEP CONCRETE PADS, CLEAN THE STORMWATER MANAGEMENT SYSTEMS AND REMOVE ALL TEMPORARY SEDIMENT CONTROLS ONCE THE SITE IS FULLY STABILIZED AND APPROVAL HAS BEEN RECEIVED FROM PERMITTEE OR THE MUNICIPALITY.
 - SEEDING MIXTURES SHALL BE 80% MX-146, OR APPROVED EQUAL.
 - REFER TO SHEET 2.35 FOR SEDIMENT & EROSION CONTROL NARRATIVE & DETAILS.



LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJOINING LOT LINE
	SILT FENCE PROTECTION
	FENCE / ROCK WALL REMOVAL
	MATERIAL STOCKPILE AREA
	CONSTRUCTION ENTRANCE
	PHASE I CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE (PHASE I)

THE FOLLOWING SUGGESTED SEQUENCE OF CONSTRUCTION ACTIVITIES IS PROJECTED BASED UPON ENGINEERING JUDGEMENT AND BEST MANAGEMENT PRACTICES. THE CONTRACTOR MAY ELECT TO ALTER THE SEQUENCING TO BEST MEET THE CONSTRUCTION SCHEDULE, THE EXISTING SITE ACTIVITIES AND WEATHER CONDITIONS. SHOULD THE CONTRACTOR ALTER THE CONSTRUCTION SEQUENCE OR ANY EROSION AND SEDIMENTATION CONTROL MEASURES THEY SHALL MODIFY THE STORMWATER POLLUTION CONTROL PLAN ("SWPCP") AS REQUIRED BY THE GENERAL PERMIT. MAJOR CHANGES IN SEQUENCING AND/OR METHODS MAY REQUIRE REGULATORY APPROVAL PRIOR TO IMPLEMENTATION.

- PHASE I:**
- PHYSICALLY FLAG THE LIMITS OF DISTURBANCE IN THE FIELD AS NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
 - CONDUCT A PRE-CONSTRUCTION MEETING TO DISCUSS THE PROPOSED WORK AND EROSION AND SEDIMENTATION CONTROL MEASURES. THE MEETING SHOULD BE ATTENDED BY THE OWNER, THE OWNER'S REPRESENTATIVE(S), THE GENERAL CONTRACTOR, DESIGNATED SUB-CONTRACTORS AND THE PERSON, OR PERSONS, RESPONSIBLE FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF THE EROSION AND SEDIMENTATION MEASURES. THE CONSTRUCTION PROCEDURES FOR THE ENTIRE PROJECT SHALL BE REVIEWED AT THIS MEETING.
 - NOTIFY CALL BEFORE YOU DIG AT 811, AS REQUIRED, PRIOR TO THE START OF CONSTRUCTION.
 - REMOVE EXISTING IMPEDIMENTS AS NECESSARY AND PROVIDE MINIMAL DISTURBANCE TO INSTALL THE REQUIRED CONSTRUCTION ENTRANCE.
 - INSTALL TIMBER BRIDGE. REFER TO RESOURCE PROTECTION NOTES ON SHEET 2.32 FOR SEQUENCING.
 - INSTALL ACCESS DRIVE.
 - INSTALL SILT FENCE / PERIMETER SEC MEASURES AS PROPOSED (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SEC MEASURES). **NO TREE CLEARING MAY BE PERFORMED BETWEEN APRIL 15 AND OCTOBER 31.**
 - PREPARE TEMPORARY PARKING AND STORAGE AREAS. ESTABLISH MATERIAL STOCKPILE AREA AND INSTALL SEC BARRIER SURROUNDING PILE.
 - COMPLETE PHASE I CLEARING & GRUBBING. STABILIZE OPEN SOILS WITH SPECIFIED SEED MIXES.

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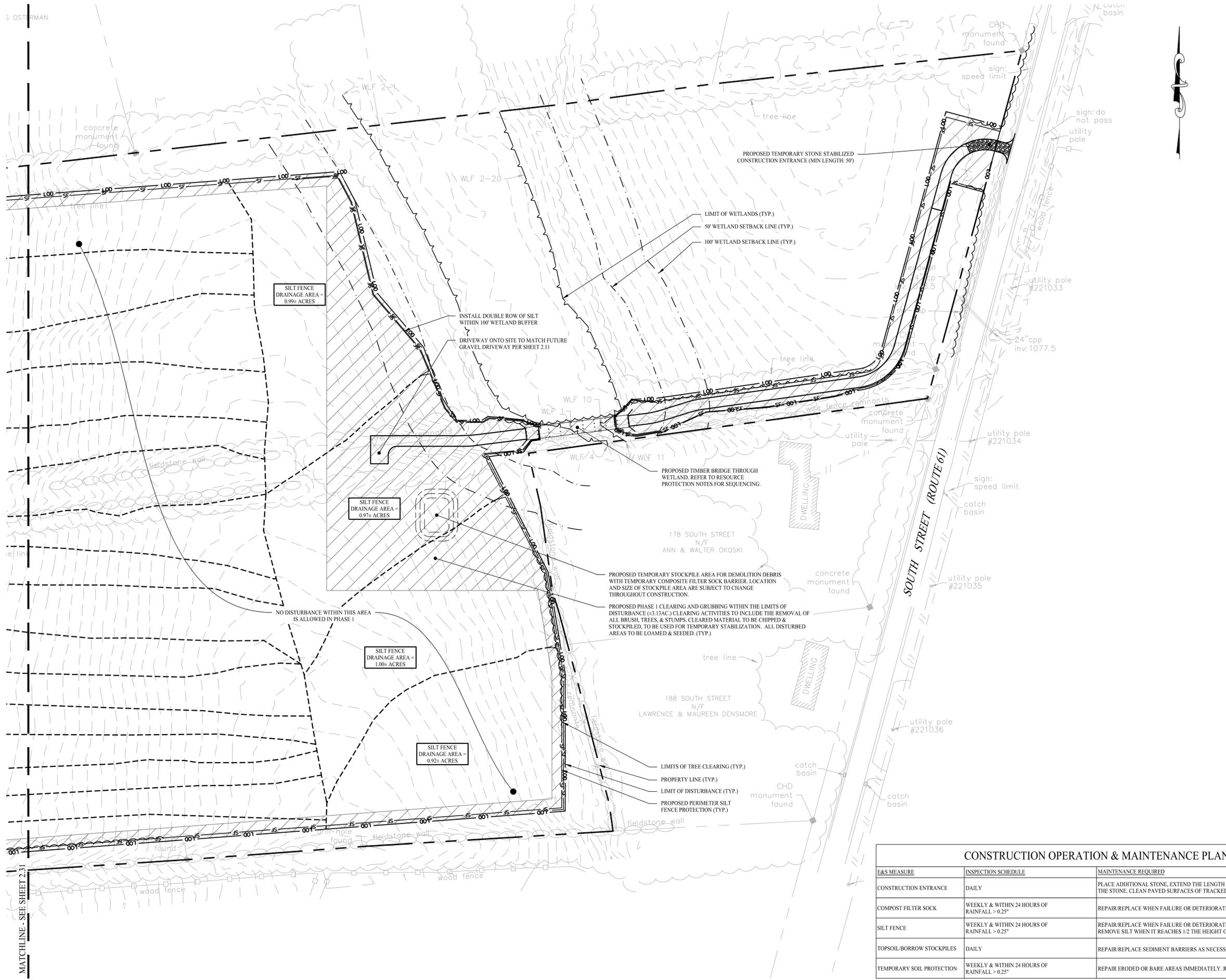
BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

Sheet Title:	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE I (SHEET 1 OF 2)	Sheet #:	2.31
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Feb 18, 2024 - 12:00pm Anthony
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122 TERRELL FARM ROAD
 N/F

MATCHLINE - SEE SHEET 2.32

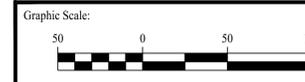


LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJOINING LOT LINE
	SILT FENCE PROTECTION
	FENCE / ROCK WALL REMOVAL
	MATERIAL STOCKPILE AREA
	CONSTRUCTION ENTRANCE
	PHASE I CLEARING AND GRUBBING

- RESOURCE PROTECTION NOTES**
1. FLAG OR FENCE PROJECT LIMITS OF DISTURBANCE WITHIN ALL WETLAND AREAS AND AREAS WITHIN 100 FEET OF WETLANDS PRIOR TO ANY WORK IN WETLAND AREAS.
 2. LOCATE STAGING AREAS AND ACCESS POINTS. STAGING AREAS SHOULD BE LOCATED AT LEAST 50 FEET FROM THE EDGE OF THE WETLAND. INSTALL SEDIMENT BARRIERS DOWN SLOPE OF ANY STAGING AREAS OR ACCESS POINTS.
 3. THE REMOVAL OF VEGETATION WILL NOT INCLUDE THE REMOVAL OR SUBSTANTIAL DISTURBANCE OF ROOT SYSTEMS AND WILL NOT INCLUDE MECHANIZED PUSHING OR DRAGGING OR SIMILAR ACTIVITIES THAT REDEPOSIT EXCAVATED SOILS.
 4. THE EXCAVATION OF DREDGE MATERIAL FOR THE INSTALLATION OF THE TIMBER PILING WILL NOT BE REDEPOSITED ON THE WETLAND SURFACE.
 5. ALL DREDGED MATERIAL TO BE COLLECTED, CONTAINED AND REMOVED WITHOUT IMPACT TO SURROUNDING SOILS OR VEGETATION.
 6. THE INSTALLATION OF TIMBER PILING WITHIN THE WETLAND WILL NOT HAVE THE EFFECT OF A DISCHARGE OF FILL MATERIAL AND WILL NOT IMPAIR THE REACH, FLOW, OR CIRCULATION OF THE WETLAND.
 7. THE INSTALLATION OF THE TIMBER PILING WILL NOT ADVERSELY ALTER OR ELIMINATE THE EXISTING AQUATIC FUNCTIONS OF THE WETLAND SYSTEM.
 8. ALL MECHANIZED EQUIPMENT WILL REMAIN ON THE BRIDGE DECK THROUGHOUT CONSTRUCTION AND WILL NOT BE DRIVEN, PARKED, OR STORED ON THE WETLAND SURFACE.
 9. ALL UTILITIES ARE ROUTED TO AVOID TRENCHING THROUGH WETLAND AREAS, USING BRIDGE-MOUNTED CONDUITS WHERE NECESSARY.
 10. NO SOIL AMENDMENTS SUCH AS AGRICULTURAL LIME, FERTILIZER, ETC. WILL BE USED WITHIN WETLAND AREAS.
 11. MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL DEVICES UNTIL SITE WORK IS COMPLETE AND A UNIFORM 70% PERENNIAL VEGETATIVE COVER IS ESTABLISHED AS CONFIRMED BY THE ENGINEER OF RECORD OR SOILS SCIENTIST.
 12. REMOVE ALL SOIL AND EROSION SEDIMENT CONTROL MEASURES WITHIN 30 DAYS UPON ESTABLISHMENT OF A UNIFORM 70% VEGETATIVE COVER OVER THE DISTURBED AREA. RE-GRADE AND REVEGETATE AREAS DISTURBED DURING THE REMOVAL OF THE SOIL EROSION AND SEDIMENT CONTROLS.

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BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

Sheet Title:	SOIL EROSION & SEDIMENT CONTROL PLAN PHASE I (SHEET 2 OF 2)
Sheet #:	2.32

CONSTRUCTION OPERATION & MAINTENANCE PLAN

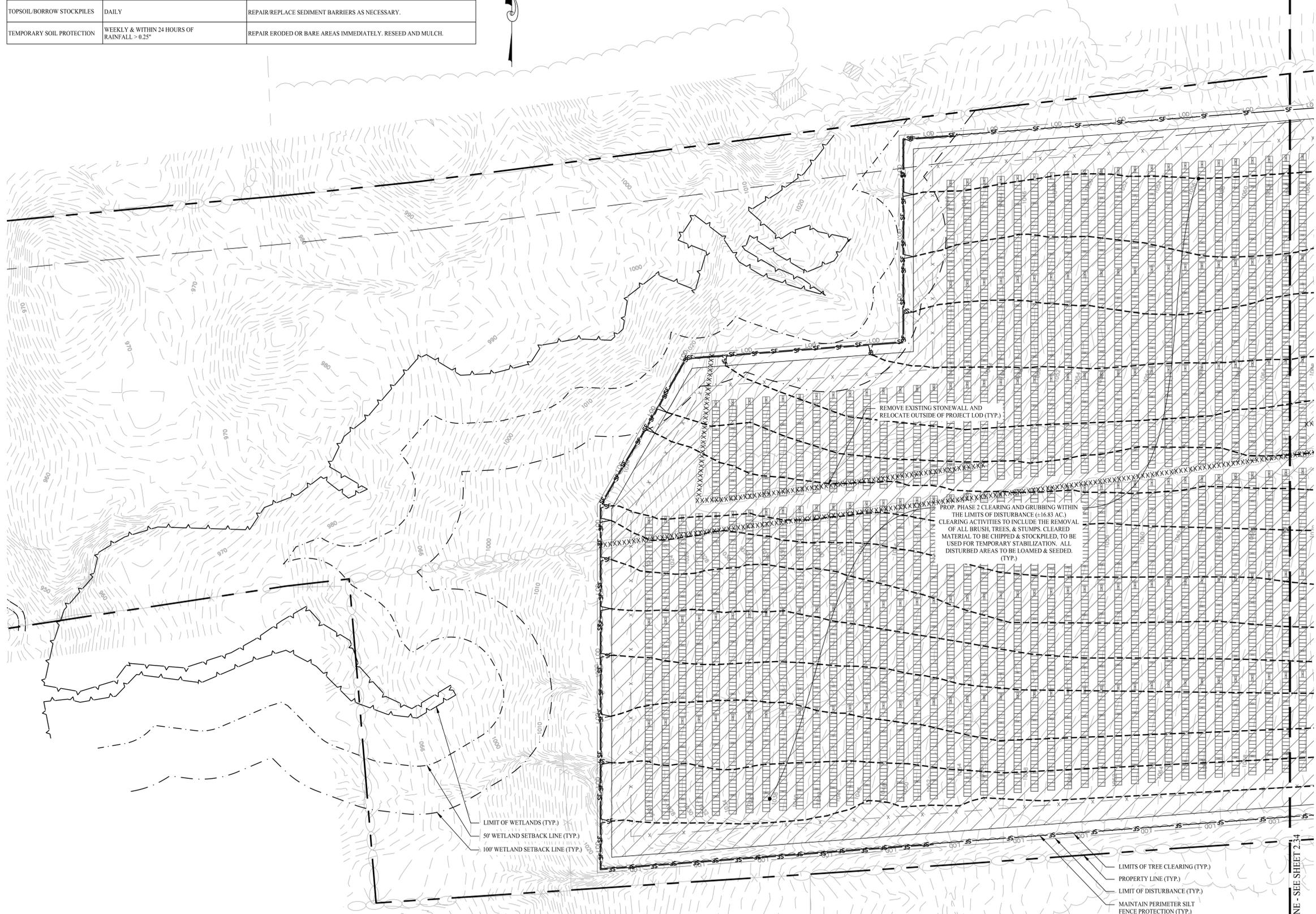
EAS MEASURE	INSPECTION SCHEDULE	MAINTENANCE REQUIRED
CONSTRUCTION ENTRANCE	DAILY	PLACE ADDITIONAL STONE, EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT.
COMPOST FILTER SOCK	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED.
SILT FENCE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
TOPSOIL/BORROW STOCKPILES	DAILY	REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY.
TEMPORARY SOIL PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH.

CONSTRUCTION OPERATION & MAINTENANCE PLAN

E&S MEASURE	INSPECTION SCHEDULE	MAINTENANCE REQUIRED
CONSTRUCTION ENTRANCE	DAILY	PLACE ADDITIONAL STONE. EXTEND THE LENGTH OR REMOVE AND REPLACE THE STONE. CLEAN PAVED SURFACES OF TRACKED SEDIMENT.
COMPOST FILTER SOCK	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED.
SILT FENCE	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR/REPLACE WHEN FAILURE OR DETERIORATION IS OBSERVED. REMOVE SILT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.
TOPSOIL/BORROW STOCKPILES	DAILY	REPAIR/REPLACE SEDIMENT BARRIERS AS NECESSARY.
TEMPORARY SOIL PROTECTION	WEEKLY & WITHIN 24 HOURS OF RAINFALL > 0.25"	REPAIR ERODED OR BARE AREAS IMMEDIATELY. RESEED AND MULCH.

N/F
ANGEL & THOMAS OSTERMAN

57 NORTH TERRELL FARM ROAD
N/F
DAWN WILLIS



LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- ADJOINING LOT LINE
- SILT FENCE PROTECTION
- CONSTRUCTION FENCE
- FENCE / ROCK WALL REMOVAL
- MATERIAL STOCKPILE AREA
- CONSTRUCTION ENTRANCE
- CONCRETE WASHPIT
- PHASE 2 CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE (PHASE II)

- PHASE II:**
- TEMPORARILY SEED, THROUGHOUT CONSTRUCTION, DENUDED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
 - COMPLETE PHASE 2 CLEARING AND GRUBBING. STABILIZE OPEN SOILS WITH SPECIFIED SEED MIXES.
 - INSTALL RACKING POSTS FOR SOLAR PANELS.
 - INSTALL SOLAR PANELS AND COMPLETE ELECTRIC INSTALLATION.
 - COMPLETE REMAINING SITE WORK, INCLUDING CHAIN LINK FENCE, EQUIPMENTS PADS, AND INTERCONNECTION ROUTE. STABILIZE ALL DISTURBED AREAS THROUGHOUT CONSTRUCTION.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - PER APPENDIX 1 (D)(1)(C)(iii) FOR SLOPES GREATER THAN OR EQUAL TO 8%, EROSION CONTROL BLANKETS OR STUMP GRINDINGS OR EROSION CONTROL MIX MULCH OR HYDROSEED WITH TACKIFIER SHALL BE APPLIED WITHIN 72 HOURS OF FINAL GRADING, OR WHEN A RAINFALL OF 0.5 INCHES OR GREATER IS PREDICTED WITHIN 24 HOURS OF FINAL GRADING, WHICHEVER TIME PERIOD IS LESS.
 - PREPARE SITE FOR FINAL GRADING.
 - FINE GRADE, RAKE, SEED, AND MULCH ALL REMAINING DISTURBED AREAS.
 - CONTRACTOR / CONSTRUCTION MANAGER TO COORDINATE WITH ENGINEER OF RECORD AND SOIL CONSERVATION DISTRICT AGENT TO OBTAIN STABILIZED SITE STATUS.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT IS SIGNED BY THE CONSTRUCTION MANAGER AND SUBMITTED.

REMOVE EXISTING STONEWALL AND RELOCATE OUTSIDE OF PROJECT LOD (TYP.)

PROP. PHASE 2 CLEARING AND GRUBBING WITHIN THE LIMITS OF DISTURBANCE (±16.83 AC.) CLEARING ACTIVITIES TO INCLUDE THE REMOVAL OF ALL BRUSH, TREES, & STUMPS. CLEARED MATERIAL TO BE CHIPPED & STOCKPILED, TO BE USED FOR TEMPORARY STABILIZATION. ALL DISTURBED AREAS TO BE LOAMED & SEEDED. (TYP.)

LIMIT OF WETLANDS (TYP.)
50' WETLAND SETBACK LINE (TYP.)
100' WETLAND SETBACK LINE (TYP.)

LIMITS OF TREE CLEARING (TYP.)
PROPERTY LINE (TYP.)
LIMIT OF DISTURBANCE (TYP.)
MAINTAIN PERIMETER SILT FENCE PROTECTION (TYP.)

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BINA AND ABRAHAM SOLAR FARM
166 SOUTH STREET
MORRIS, CONNECTICUT

Sheet Title: SOIL EROSION & SEDIMENT CONTROL PLAN PHASE II (SHEET 1 OF 2)	Sheet #: 2.33
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Feb 18, 2024 - 12:00pm Anthony Morris, CT\Engineering\Dot\CAD Files\24118701-2.32.dwg X:\SE Files\Project Data\2024\24118701 - 166 South Street - Morris, CT\Engineering\Dot\CAD Files\24118701-2.32.dwg

122 TERRELL FARM ROAD
N/F

MATCHLINE - SEE SHEET 2.34

NATURAL DIVERSITY DATABASE NOTES

AS A PRECAUTIONARY CONSERVATION MEASURE, THE FOLLOWING IS A SUMMARY OF MEASURES PROVIDED BY THE CT DEEP WHICH WILL BE USED BEFORE, DURING AND FOLLOWING CONSTRUCTION TO PROTECT BAT SPECIES THAT MAY POTENTIALLY BE ENCOUNTERED AT THE PROJECT SITE. REMOVAL AND CUTTING OF TREES GREATER THAN OR EQUAL TO 3" IN DIAMETER MUST BE CONDUCTED BETWEEN NOVEMBER 1 AND APRIL 14, A TIME PERIOD IN WHICH BATS ARE HIBERNATING AND ARE NOT INHABITING TREES.

PRE CONSTRUCTION

- A. WORKSITE SAFETY PERMITTING, NATURAL ROOSTING RESOURCES INCLUDING SNAGS, TREES WITH CAVITIES, CRACKS OR CREVICES, TREES WITH EXFOLIATING BARK, CONIFEROUS TREES AND TALUS SLOPES SHOULD BE IDENTIFIED BEFOREHAND AND PRESERVED IF POSSIBLE.
- B. SUMMER ROOSTING OPPORTUNITIES OCCURRING IN MAN-MADE STRUCTURES SUCH AS HOUSE-EVES OR BARN SHOULD BE IDENTIFIED BEFOREHAND AND PRESERVED IF POSSIBLE.
- C. PRESERVE EDGE HABITAT DUE TO ITS MEANS AS HIGHWAYS OF TRAVEL FOR BAT FORAGING, WATERING, AND ROOSTING ACTIVITIES.
- D. TAKE STEPS NECESSARY TO DESIGN, BUILD AND OPERATE THE PROPOSED PROJECT IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE LEED GREEN BUILDING RATING SYSTEM PILOT CREDIT #55.

MID-CONSTRUCTION

- A. WATER SOURCES IN AND AROUND THE PROJECT SITE SHOULD BE MAINTAINED AS CLEAN FOR WILDLIFE USE AND FREE OF SILTATION DURING CONSTRUCTION. EROSION SOURCES THAT COULD CONTRIBUTE TO SILTATION OF NATURAL AND ARTIFICIAL WATERBODIES SHOULD BE MANAGED THROUGHOUT CONSTRUCTION.
- B. THE USE OF PESTICIDES IN AND AROUND THE PROJECT SITE SHOULD BE AVOIDED TO MINIMIZE IMPACTS TO INSECT FOOD SOURCES.
- C. DOWN SHIELD AND POSITION LIGHTING AWAY FROM NATURAL, NON-PROJECT SITE AREAS, TO AVOID POTENTIALLY DANGEROUS LIGHT HAZARDS FOR BATS AND BIRDS. LIMIT INTERIOR AND EXTERIOR LIGHTING AT NIGHT.

POST-CONSTRUCTION

- A. ARTIFICIAL ROOSTING STRUCTURES (I.E. BAT BOXES) SHOULD BE INSTALLED AROUND THE PROJECT SITE IF NATURAL ROOSTING OPTIONS POST-PROJECT COMPLETION WILL BE MINIMAL.
- B. PROTECT EXISTING AND PROMOTE ESTABLISHING A DIVERSITY OF NATIVE VEGETATION AT THE PROJECT SITE THAT COULD SERVE AS HABITAT FOR INSECT FOOD SOURCES.

SEDIMENT & EROSION CONTROL NARRATIVE

1. THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND MOUNTED SOLAR PANEL FACILITY WITH ASSOCIATED EQUIPMENT, INCLUDING GRADING OF APPROXIMATELY 19.92+ ACRES OF EXISTING LOT.

THE PROPOSED PROJECT INVOLVES THE FOLLOWING CONSTRUCTION:

- A. CLEARING, GRUBBING, AND GRADING OF EXISTING LOT.
- B. CONSTRUCTION OF 8,600 GROUND MOUNTED SOLAR PANELS AND ASSOCIATED EQUIPMENT.
- C. THE STABILIZATION OF DISTURBED AREAS WITH PERMANENT VEGETATIVE TREATMENTS.

2. FOR THIS PROJECT, THERE ARE APPROXIMATELY 19.92+ ACRES OF THE SITE BEING DISTURBED WITH NEGLIGIBLE INCREASE IN THE IMPERVIOUS AREA OF THE SITE. IMPERVIOUS AREAS ARE LIMITED TO THE CONCRETE PADS FOR ELECTRICAL EQUIPMENT & GRAVEL ACCESS DRIVE.

3. THE PROJECT AREA, AS MAPPED IN THE SOIL SURVEY OF STATE OF CONNECTICUT (NRCS, VERSION 1, SEPTEMBER 15, 2023), CONTAINS TYPE 3 HYDROLOGIC SOIL GROUP D, 45B (HYDROLOGIC SOIL GROUP C/D), 84B (HYDROLOGIC SOIL GROUP C), AND 84C (HYDROLOGIC SOIL GROUP C). A GEOTECHNICAL ENGINEERING REPORT IS SCHEDULED AND WILL BE PROVIDED UNDER SEPARATE COVER.

4. IT IS ANTICIPATED THAT CONSTRUCTION WILL BE COMPLETED IN APPROXIMATELY 4-8 MONTHS.

5. REFER TO THE CONSTRUCTION SEQUENCING AND EROSION AND SEDIMENTATION NOTES FOR INFORMATION REGARDING SEQUENCING OF MAJOR OPERATIONS IN THE ON-SITE CONSTRUCTION PHASES.

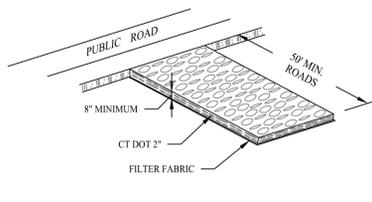
6. STORMWATER MANAGEMENT DESIGN CRITERIA UTILIZES THE APPLICABLE SECTIONS OF THE 2024 CONNECTICUT STORMWATER QUALITY MANUAL AND 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. TO THE BEST EXTENT POSSIBLE AND PRACTICABLE FOR THIS PROJECT ON THIS SITE, EROSION AND SEDIMENTATION MEASURES ARE BASED UPON ENGINEERING PRACTICE, JUDGEMENT AND THE APPLICABLE SECTIONS OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION.

7. CONSERVATION PRACTICES TO BE USED DURING CONSTRUCTION:

- A. STAGED CONSTRUCTION;
- B. MINIMIZE THE DISTURBED AREAS TO THE EXTENT PRACTICABLE DURING CONSTRUCTION;
- C. STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT MEASURES AS SOON AS POSSIBLE, BUT NO LATER THAN 7-DAYS FOLLOWING DISTURBANCE;
- D. MINIMIZE IMPERVIOUS AREAS;
- E. UTILIZE APPROPRIATE CONSTRUCTION EROSION AND SEDIMENTATION MEASURES.

9. THE FOLLOWING SEPARATE DOCUMENTS ARE TO BE CONSIDERED A PART OF THE EROSION AND SEDIMENTATION PLAN:

- A. STORMWATER MANAGEMENT REPORT.
- B. SWPCP, TO BE ISSUED AT A LATER DATE.



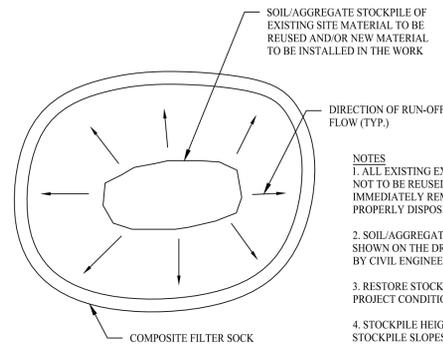
GRADATION TABLE

SQUARE MESH SIEVES	CONN. DOT	ASTM	ASTM
	2" CRUSHED GRAVEL	C-33 NO. 2	C-33 NO. 3
2 1/2 INCHES	100	90-100	100
2 INCHES	95-100	35-70	90-100
1 1/2 INCHES	35-70	0-15	35-70
1 1/4 INCHES	0-25	—	—
1 INCHES	0-10	—	0-15
3/4 INCHES	—	0-5	—
1/2 INCHES	—	—	0-5
3/8 INCHES	—	—	—

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT

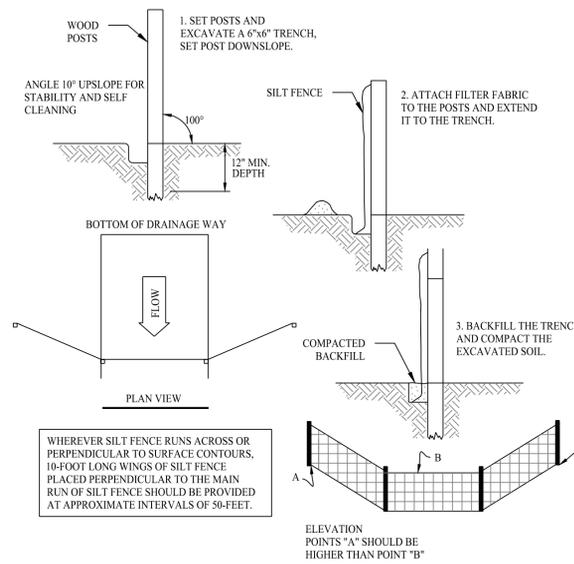
CONSTRUCTION ENTRANCE

SCALE: NTS



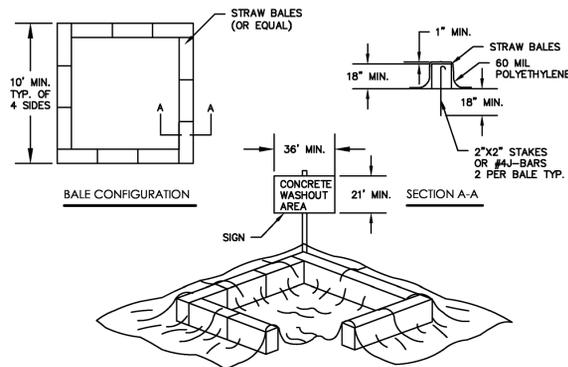
MATERIALS STOCKPILE DETAIL

SCALE: NTS



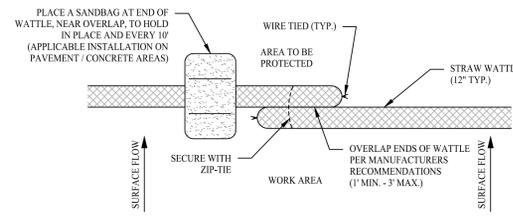
SILT FENCE PROTECTION DETAIL

SCALE: NTS



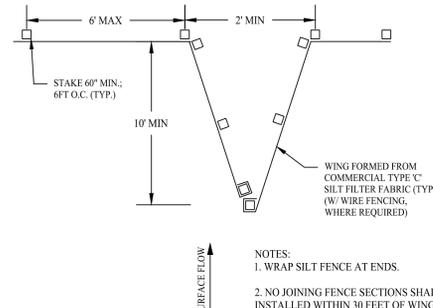
CONCRETE WASHOUT PIT

SCALE: NTS



COMPOST FILTER SOCK

SCALE: NTS



SILT FENCE WING DETAIL

SCALE: NTS

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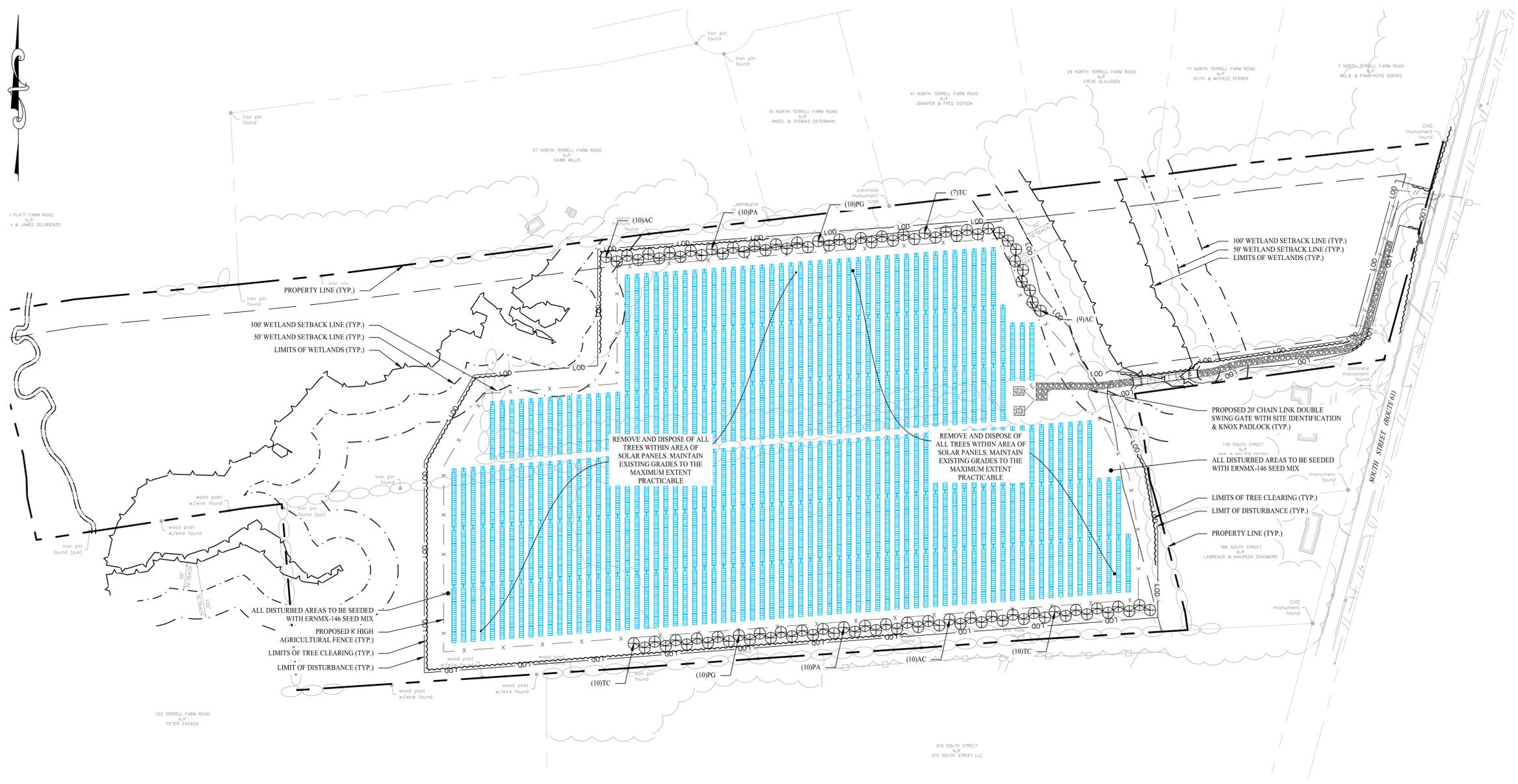
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Drawn By:	PDS
Checked By:	AWC
Approved By:	KMS
Project #:	24118701
Plan Date:	10/17/25
Scale:	NTS



Project:
BINA AND ABRAHAM SOLAR FARM
 166 SOUTH STREET
 MORRIS, CONNECTICUT

Sheet Title:	Sheet #:
SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS	2.41



LEGEND

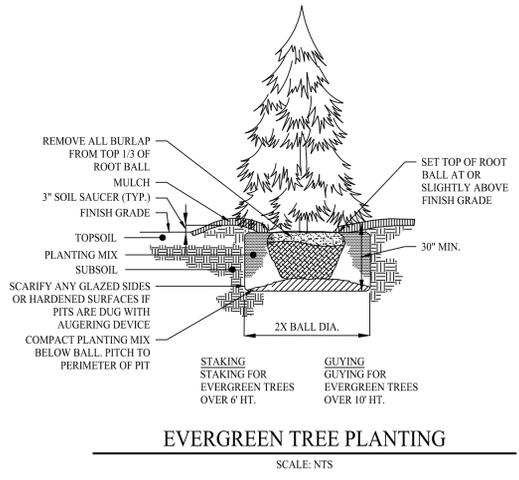
	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJOINING LOT LINE
	EXISTING TREE LINE
	PROPOSED TREE LINE
	LIMIT OF WETLANDS
	50' WETLAND SETBACK LINE
	100' WETLAND SETBACK LINE
	CHAIN LINK FENCE
	LIMIT OF DISTURBANCE
	EVERGREEN TREE

PLANTING NOTES

- BE AWARE OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR PLANTING OPERATIONS. USE CARE TO PROTECT EXISTING UTILITIES FROM DAMAGE. CONTACT "CALL BEFORE YOU DIG" PRIOR TO EXCAVATION.
- ALL PLANTINGS ARE TO BE INSTALLED BY A QUALIFIED LANDSCAPE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO CARRY WORKMEN'S COMPENSATION INSURANCE AND COMPREHENSIVE GENERAL LIABILITY INSURANCE. CERTIFICATES WILL BE REQUIRED PRIOR TO SIGNING CONTRACTS.
- CONTRACTOR IS RESPONSIBLE FOR JOBSITE SAFETY. CONTRACTOR SHALL MAINTAIN A SAFE JOBSITE AT ALL TIMES.
- CONTRACTOR SHALL BE FAMILIAR WITH THE SITE VERIFY ALL DIMENSIONS, GRADES, AND EXISTING CONDITIONS. REPORT ANY DISCREPANCIES TO LANDSCAPE DESIGNER.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES REQUIRED FOR COMPLETING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL EXCAVATED SOIL, BRUSH AND DEBRIS OFF-SITE IN A SAFE AND LEGAL MANNER.
- NOTIFY OWNER OR LANDSCAPE DESIGNER 72 HOURS MINIMUM IN ADVANCE OF STARTING PLANTING OPERATIONS. RECEIVE APPROVAL FOR LAYOUT OF ALL BED LINES AND MATERIAL LOCATIONS PRIOR TO INSTALLATION.
- PROTECT EXISTING VEGETATION TO REMAIN FROM DAMAGE DURING CONSTRUCTION. IT IS THE INTENT OF THIS CONTRACT TO AVOID ANY DISTURBANCE TO EXISTING VEGETATION ON THE SITE OTHER THAN THOSE SPECIFICALLY DESIGNATED FOR REMOVAL. ADJUSTMENTS SHALL BE MADE IN THE FIELD AT THE DIRECTION OF THE LANDSCAPE DESIGNER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL PLANTING, SEEDING AND TREE WORK WITH OTHER TRADES. RESPECT OTHER TRADES WORK AT ALL TIMES.
- CONTRACTOR IS TO EXERCISE EXTREME CARE DURING THE COURSE OF DEMOLITION AND REMOVALS ANY DAMAGE TO EXISTING FACILITIES, UTILITIES OR TREES TO REMAIN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE IN KIND.
- CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL AREAS DAMAGED TO PRE-EXISTING CONDITIONS AS A RESULT OF PLANTING OPERATIONS TO OWNERS AND/OR LANDSCAPE DESIGNERS APPROVAL.
- VEGETATION TO BE REMOVED, NOT INDICATED ON PLAN, SHALL BE TAGGED IN FIELD BY LANDSCAPE DESIGNER.
- THE LANDSCAPE DESIGNER RESERVES THE RIGHT TO REJECT INFERIOR PLANT MATERIALS AND SUBSTITUTIONS. THE LANDSCAPE DESIGNER IS WILLING TO MAKE TWO TRIPS TO SUPPLIERS TO TAG, REVIEW AND APPROVE MATERIALS. PREVIOUSLY UNAPPROVED MATERIALS MAY BE REJECTED AT THE SITE. MINIMALLY, ALL MATERIALS WILL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z601 - 2004) OF THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN GOOD, HEALTHY, AND FLOURISHING CONDITION FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. THE CONTRACTOR SHALL REPLACE, AS SOON AS WEATHER AND SEASONAL CONDITIONS PERMIT, ALL DEAD PLANTS AND ALL PLANTS NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE LANDSCAPE DESIGNER DURING, AND AT THE END OF THE GUARANTEE PERIOD. WARRANTY REPLACEMENT WILL BE PROVIDED AT NO COST TO THE OWNER AND INCLUDE MATERIALS AND LABOR. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE INCURRED DURING REPLACEMENT OF WARRANTY MATERIALS.
- WHEN THERE IS A DISCREPANCY BETWEEN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THE PLAN, USE THE QUANTITIES FROM THE PLAN.
- PROVIDE A MINIMUM 6" TOPSOIL FOR ALL DISTURBED AREAS. SUBMIT SAMPLE OF TOPSOIL AND SOIL TEST RESULTS FOR LANDSCAPE DESIGNER APPROVAL PRIOR TO DELIVERING TO SITE.
- MULCH ALL BEDS SHOWN AS CONTINUOUS WITH A 3" MINIMUM OF DOUBLE SHREDDED CEDAR BARK MULCH. SAMPLE TO BE SUBMITTED TO LANDSCAPE DESIGNER FOR APPROVAL.
- ALL PLANT MATERIALS TO BE SOURCED FROM LOCALLY GROWN GROWERS.

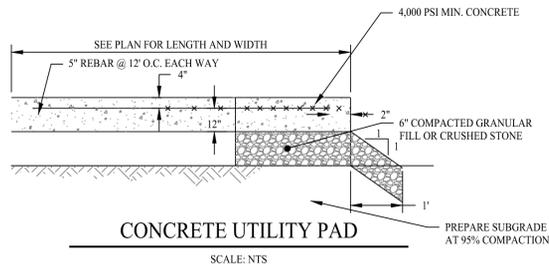
PROPOSED PLANT SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT SIZE	ROOT SIZE	COMMENTS
TREES						
AC	29	ABIES CONCOLOR	CONCOLOR / WHITE FIR	B&B	6' - 8' HT	FULL, EXTRA HEAVY, 20' ON CENTER
PA	20	PICEA ABIES	NORWAY SPRUCE	B&B	6' - 8' HT	FULL, EXTRA HEAVY, 20' ON CENTER
PG	20	PICEA GLAUCA	WHITE SPRUCE	B&B	6' - 8' HT	FULL, EXTRA HEAVY, 20' ON CENTER
TC	27	TSUGA CANADENSIS	EASTERN HEMLOCK	B&B	6' - 8' HT	FULL, EXTRA HEAVY, 20' ON CENTER



EVERGREEN TREE PLANTING
SCALE: NTS

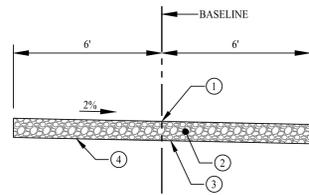
1 02/23/26 CSC Interrogatories	
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Drawn By: JJS	 Mary Blackburn, P.L.A. CT 1499
Checked By: MFB	
Approved By: KMS	
Project #: 24118701	
Plan Date: 10/17/25	
Scale: 1" = 100'	
Project: BINA AND ABRAHAM SOLAR FARM 166 SOUTH STREET MORRIS, CONNECTICUT	
Sheet Title: LANDSCAPE PLAN	Sheet #: 2.61



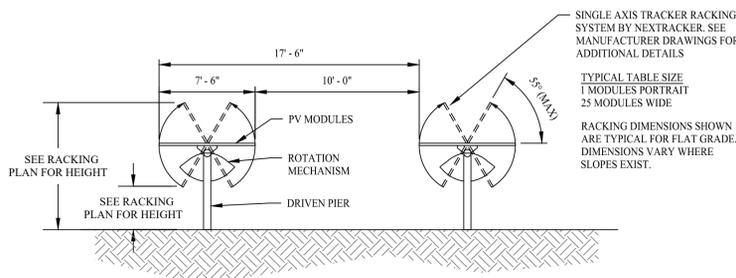
CONCRETE UTILITY PAD
SCALE: NTS

- ① POINT OF APPLICATION OF GRADE OR MATCH EXISTING GROUND
- ② 12" LAYER CRUSHED STONE
- ③ NONWOVEN GEOTEXTILE (MIRAFI 140N OR EQUAL)
- ④ FIRM AND STABLE NATURAL GRANULAR SOIL

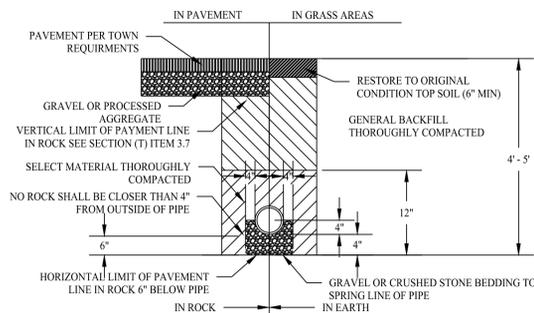
NOTES:
1. THE CONTRACTOR SHALL CONTACT CT CALL BEFORE YOU DIG (CBYD) A MINIMUM OF 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.
2. TRANSITIONS BETWEEN TYPICAL ACCESS ROAD SECTIONS SHALL OCCUR OVER 50 FEET. (TYPICAL)



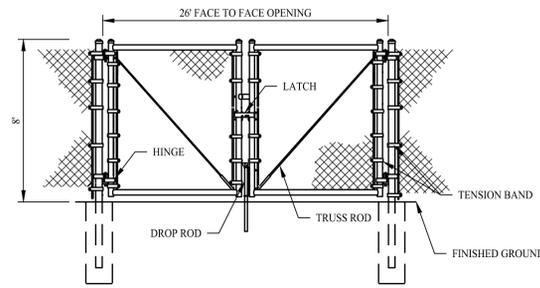
TYPICAL GRAVEL ROADWAY SECTION
SCALE: NTS



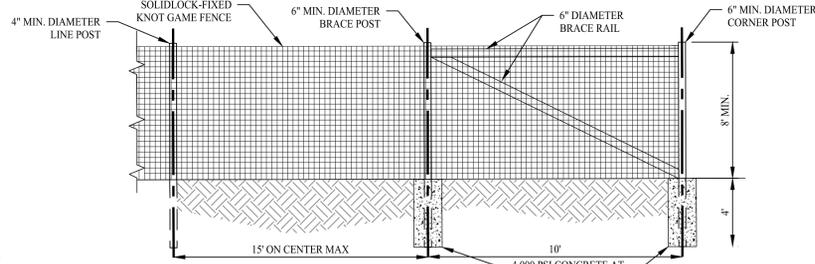
RACKING DETAIL
SCALE: NTS



STORM TRENCH DETAIL
SCALE: NTS

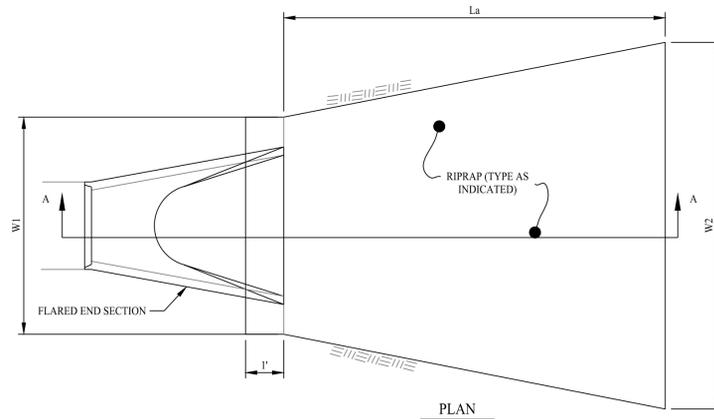


DOUBLE SWING GATE DETAIL
SCALE: NTS



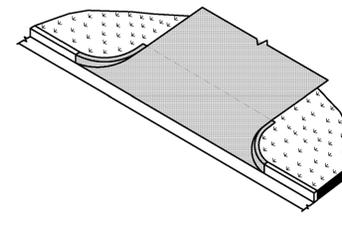
NOTES:
1. POSTS AND BRACE RAIL MATERIAL SHALL BE PRESSURE-TREATED SOUTHERN YELLOW PINE.
2. FENCE MATERIAL: SOLIDLOCK FIXED KNOT GAME FENCE, 96" HIGH, 12.5 GAUGE WIRE AND CLASS 3 GALVANIZED. LARGER OPENINGS SHALL BE LOCATED AT THE BASE. FABRIC TO BE FASTENED TO POSTS WITH STAPLES PER THE SPECIFICATIONS.
3. ADDITIONAL BRACING MAY BE REQUIRED ON LONGER FENCE RUNS.

8' HIGH AGRICULTURAL FENCE DETAIL
SCALE: NTS

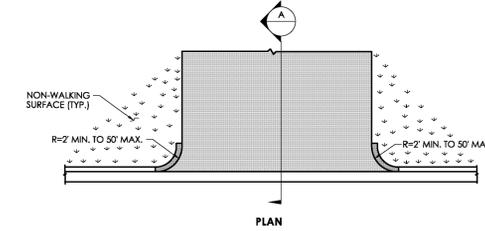


RIPRAP AT FLARED SECTION
SCALE: NTS

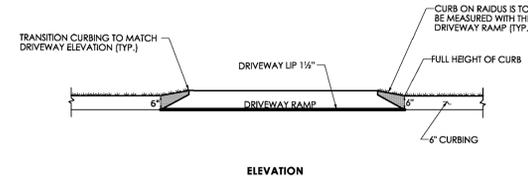
OUTLET	La	W1	W2	RIPRAP	RIPRAP TYPE	"T" (INCHES)
O-1A	12'	3'	12'	MODIFIED	INTERMEDIATE	18
					MODIFIED	12



BITUMINOUS CONCRETE DRIVEWAY

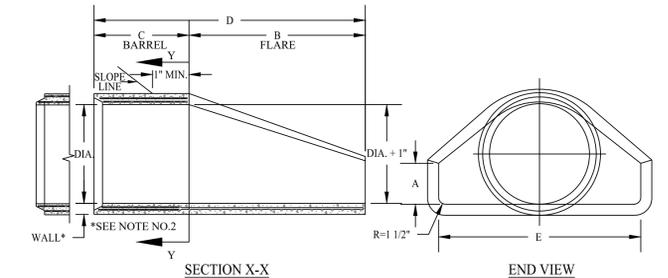
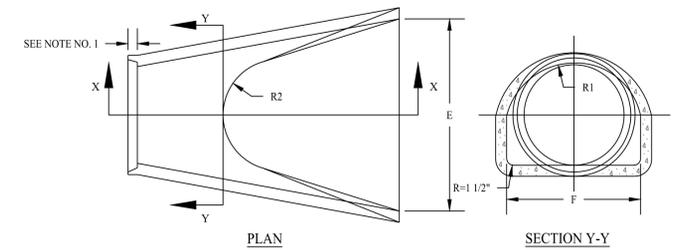


ELEVATION



BITUMINOUS CONCRETE DRIVEWAY

SCALE: NTS
DETAIL PROVIDED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION



DIMENSIONS FOR REINFORCED CONCRETE FLARED END									FLARE REINFORCEMENT ONE LAYER ONLY IN CENTER OF WALL	
DIA.	A	B	C	D	E	F	R ₁	R ₂	MIN. AREA OF LONGITUDINALS SQ. IN. PER FT.	MIN. AREA OF TRANSVERSE STEEL SQ. IN. PER FT.
12"	4"	2'-0"	4' - 0 3/8"	6' - 0 3/8"	2'-0"	1' - 7 15/16"	10 1/4"	9"	0.048	0.048
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2' - 0 5/16"	1' - 0 1/2"	11"	0.054	0.054
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2'-5"	1' - 3 1/2"	1'-0"	0.060	0.060
21"	9"	2'-11"	3'-2"	6'-1"	3'-6"	2' - 7 1/2"	1'-4"	1'-1"	0.066	0.066
24"	9 1/2"	3' - 7 1/2"	2'-6"	6' - 1 1/2"	4'-0"	2' - 9 3/16"	1' - 4 3/16"	1'-2"	0.072	0.072
30"	1'-0"	4'-6"	1' - 7 3/4"	6' - 1 3/4"	5'-0"	3'-1"	1' - 6 1/2"	1'-3"	0.084	0.084
36"	1'-3"	5'-3"	2' - 10 3/4"	8' - 1 3/4"	6'-0"	3' - 11 13/16"	2' - 0 5/16"	1'-8"	0.096	0.096
42"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4' - 5 7/8"	2' - 3 1/2"	1'-10"	0.108	0.108
48"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	4' - 8 1/2"	2' - 4 1/2"	1'-10"	0.120	0.120
54"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5' - 5 1/2"	2' - 9 1/8"	2'-0"	0.132	0.132
60"	2'-6"	5'-0"	3'-3"	8'-3"	8'-0"	6' - 0 1/2"	3' - 0 11/16"	2'-0"	0.144	0.144

NOTES:
1. JOINT SHALL BE TONGUE AND GROOVE OR BELL AND SPIGOT AS REQUIRED TO CONFORM TO PIPE INSTALLED.
2. WALL THICKNESS SHALL CONFORM TO PIPE THICKNESS.

REINFORCED CONCRETE FLARED END
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Drawn By: PDS
Checked By: AWC
Approved By: KMS
Project #: 24118701
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Scale: NTS



Kevin Solli, P.E.
CT 25759

Project:
BINA AND ABRAHAM SOLAR FARM
166 SOUTH STREET
MORRIS, CONNECTICUT

Sheet Title:
CONSTRUCTION DETAILS

Sheet #:
3.01