

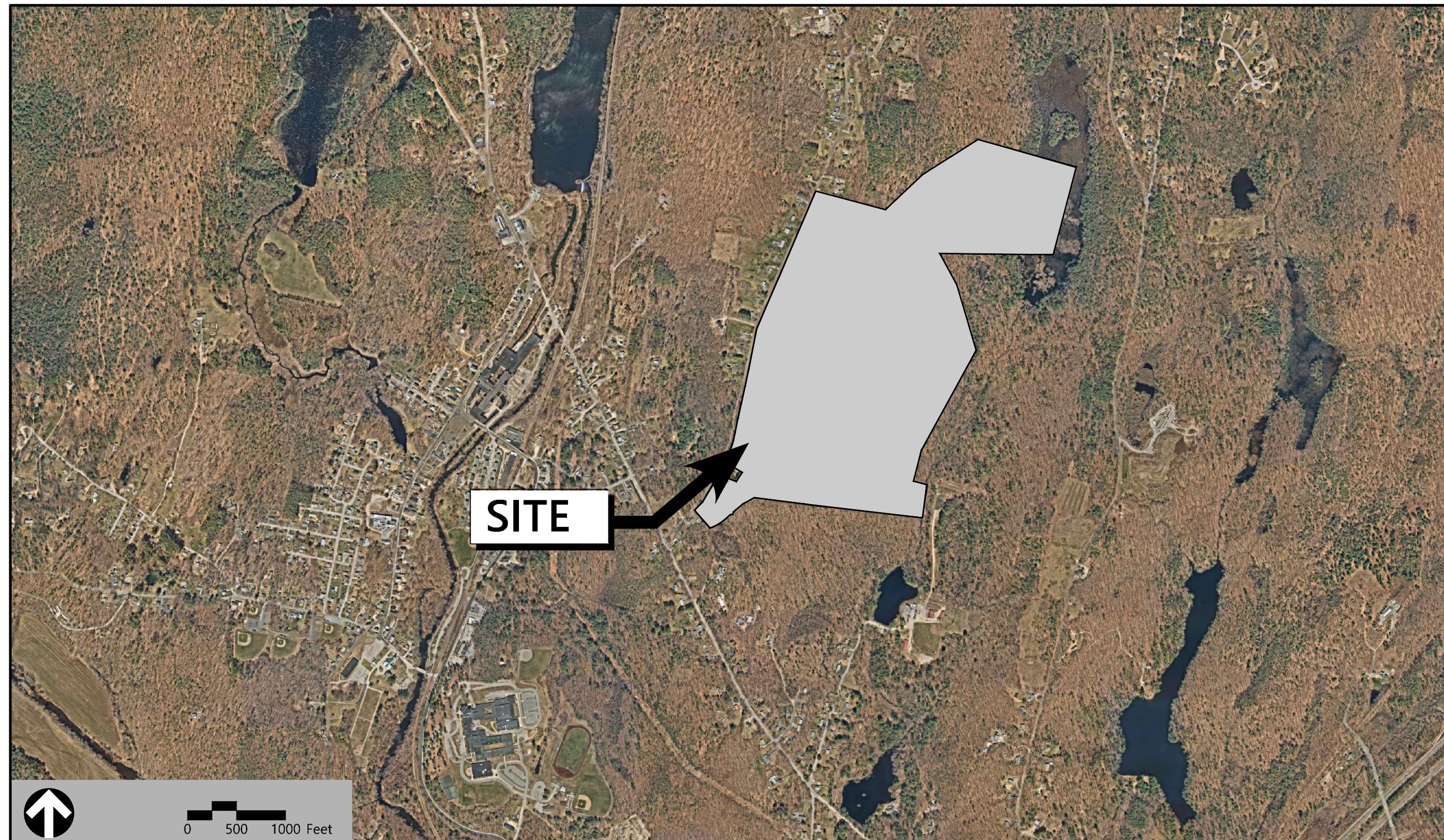
Site Plans

Issued for	Application
Date Issued	August 26, 2024
Latest Issue	August 26, 2024

C-TEC Solar, LLC

"Pompeo Solar"

77 Pompeo Rd
Thompson, Connecticut



Applicant

C-TEC Solar, LLC.,
1 Griffin Road, #200
Bloomfield, CT 06002

Map / Block / Lot:

81 / 48 / 17

Owner

Pompeo, Jeffrey S & Cheryl L
P.O. Box 314
North Grosvenordale, CT 06255

Sheet Index			Reference Drawings		
No.	Drawing Title	Latest Issue	No.	Drawing Title	Latest Issue
C-1.0	Legend and General Notes	August 26, 2024	1 of 1	Existing Conditions	March 20, 2024
C-2.0	Layout and Materials Plan	August 26, 2024			
C-3.0	Grading, Drainage, and Utilities Plan	August 26, 2024			
C-4.0	Erosion and Sediment Control Plan	August 26, 2024			
C-5.0	Site Details	August 26, 2024			

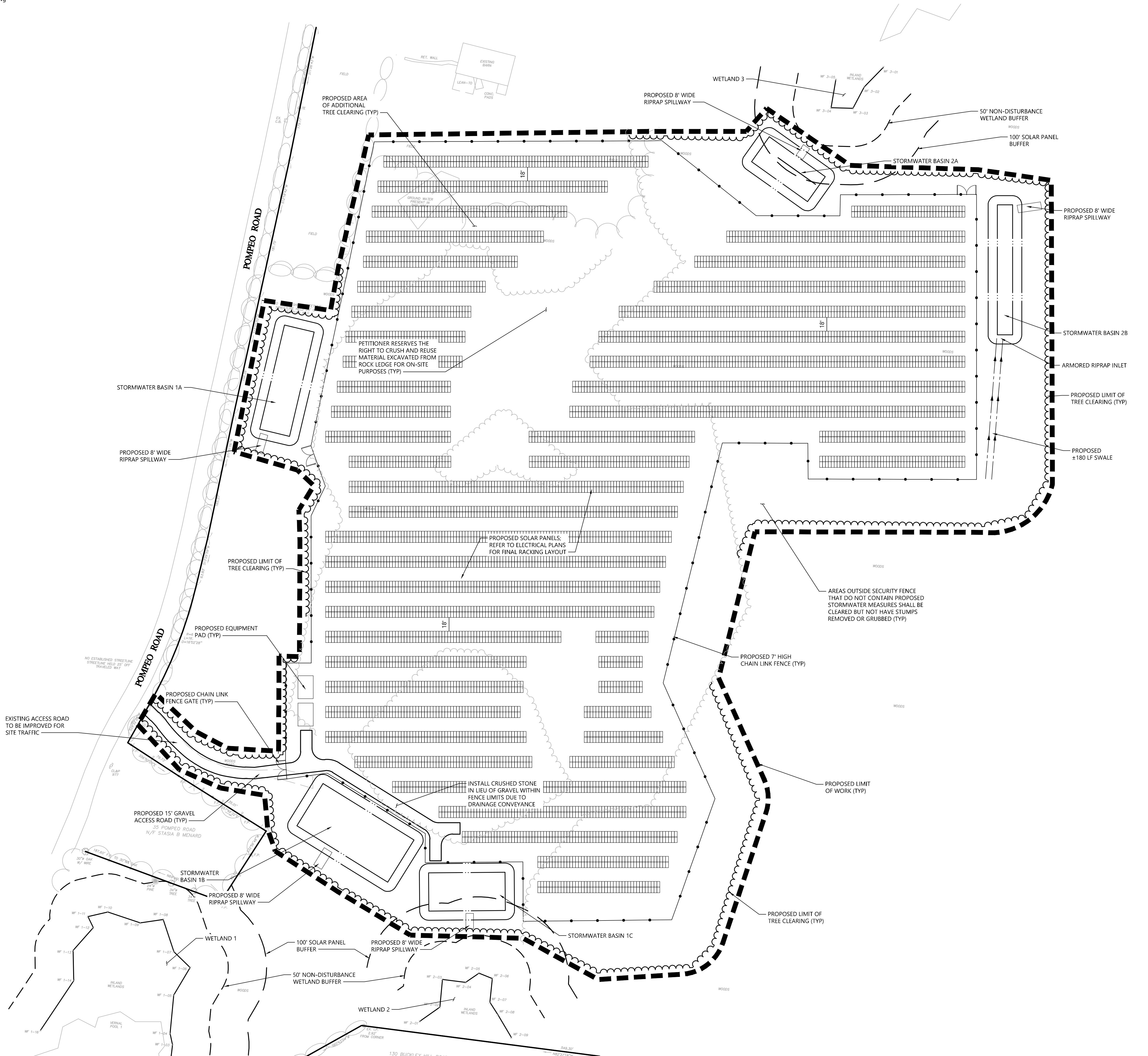
vhb.com

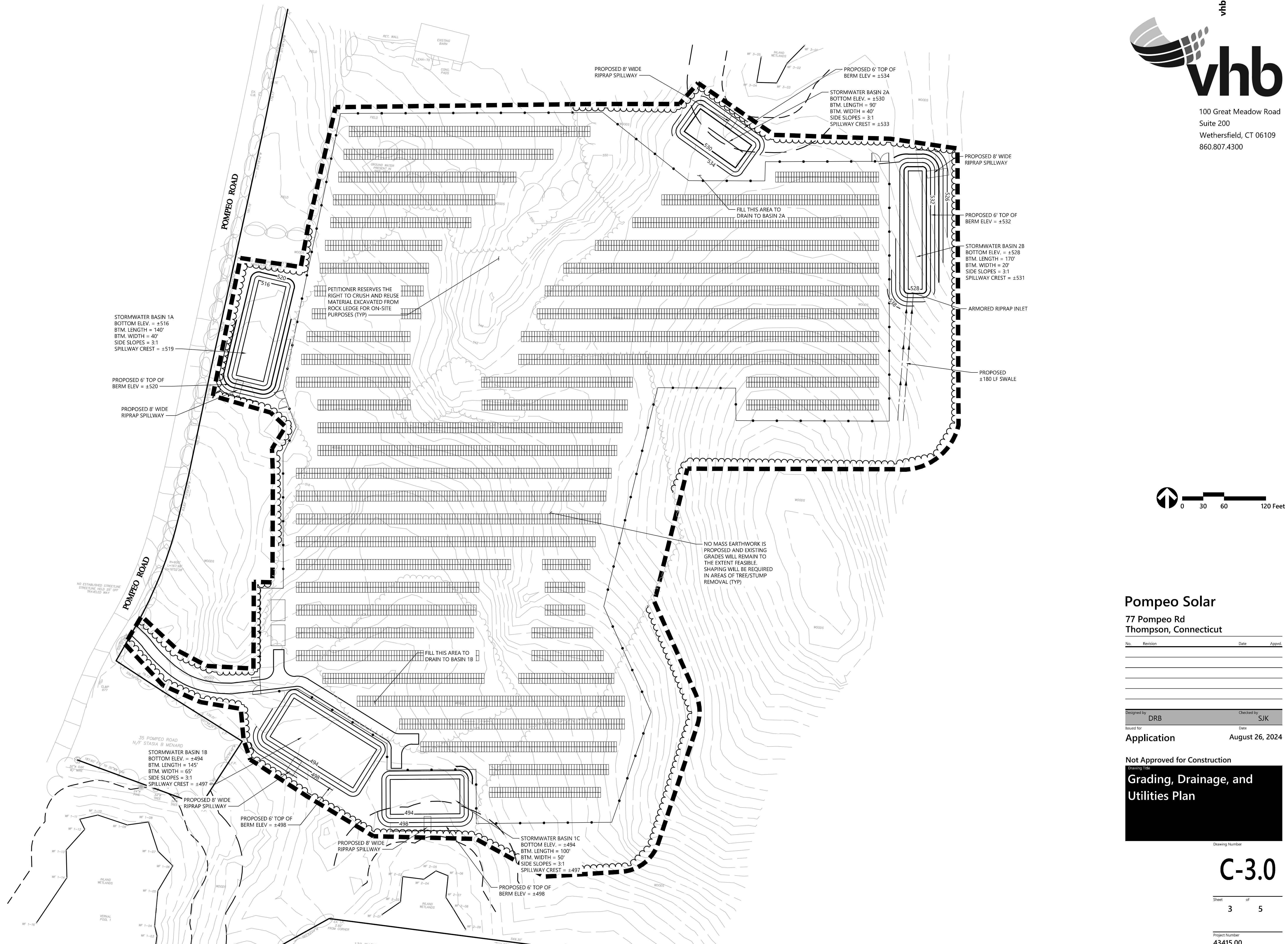


100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300



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CONSTRUCTION SEQUENCING

ALL CONSTRUCTION ACTIVITIES ARE EXPECTED TO BEGIN IN THE SPRING/SUMMER OF 2025 AND BE COMPLETED BY THE END OF 2025. THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:

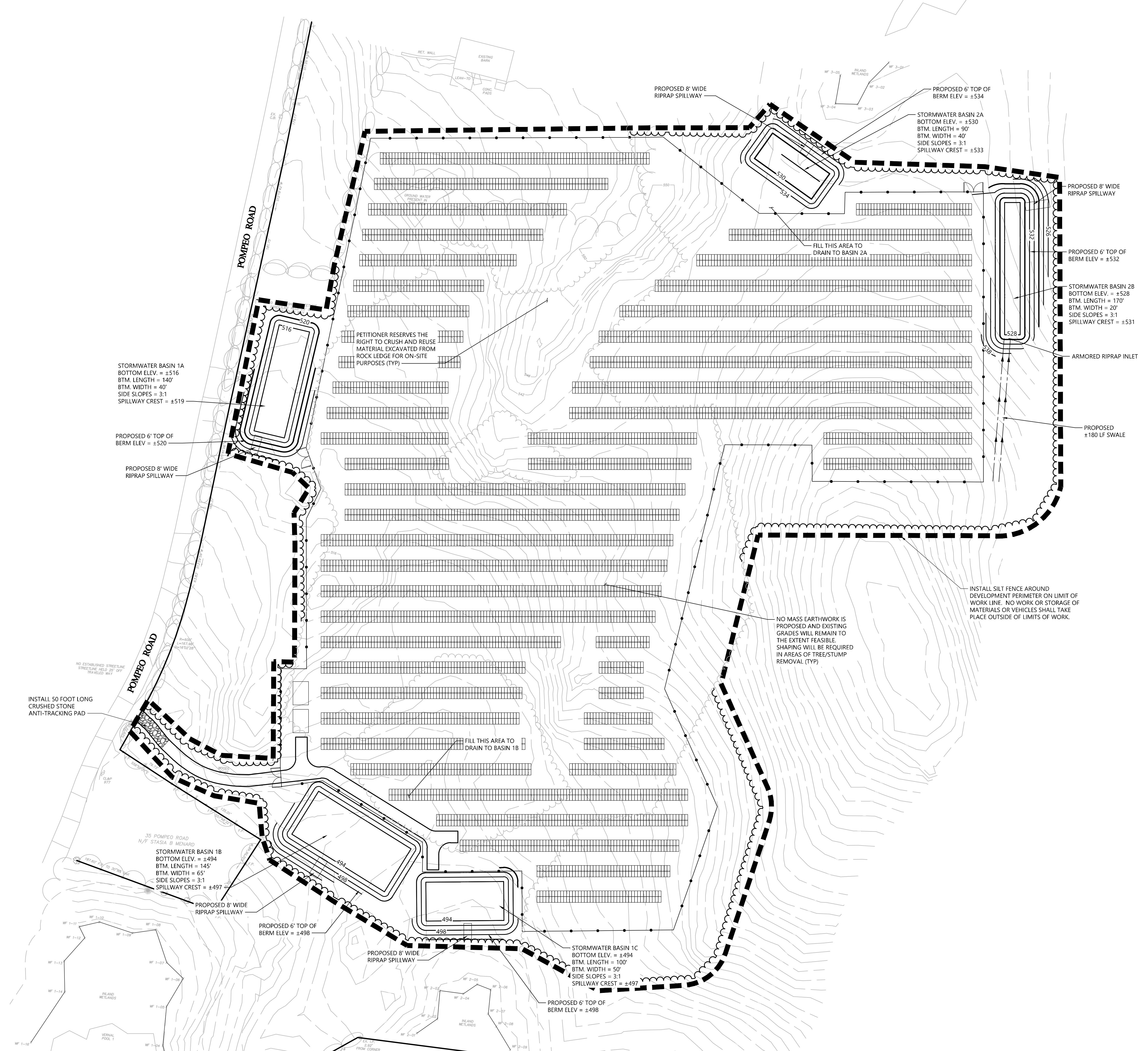
1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, WETLANDS AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. DESIGNATED ACCESS DRIVES MUST BE USED TO THE MAXIMUM EXTENTS POSSIBLE. IT IS REQUIRED THAT THE SITE CONTRACTOR PERFORM A DAILY INSPECTION OF ALL EROSION AND SEDIMENT CONTROL MEASURES EMPLOYED AT THE SITE.
2. A CTDEP-APPROVED QUALIFIED INSPECTOR SHALL BE ASSIGNED TO BE RESPONSIBLE FOR PERFORMING INSPECTIONS AND PREPARING REPORTS IN ACCORDANCE WITH SECTION 5(B)(4)(B) OF THE CONSTRUCTION GENERAL PERMIT. THESE INSPECTIONS SHALL TAKE PLACE WEEKLY, AT A MINIMUM, AND SHALL BE REQUIRED WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 0.5 INCHES. THE ENGINEER OF RECORD SHALL BE REQUIRED TO REVIEW AND COUNTER-SIGN THE PREPARED WEEKLY REPORTS. IT IS ALSO ANTICIPATED THAT REPRESENTATIVES FROM CTDEP AND/OR THE STATE CONSERVATION DISTRICT WILL PERFORM PERIODIC INSPECTIONS.
3. ENGINEER OF RECORD WILL PERFORM MONTHLY PLAN IMPLEMENTATION INSPECTIONS AND PREPARE REPORTS OF THE FINDINGS. THESE INSPECTIONS SHALL LAST A MINIMUM OF THREE (3) MONTHS OR UNTIL THE COMPLETION AND STABILIZATION OF ALL EROSION CONTROL MEASURES AT THE SITE.
4. THROUGHOUT THE COURSE OF THE CONSTRUCTION PROJECT, ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE WARRANTED AT THE DISCRETION OF THE QUALIFIED INSPECTOR AND/OR DESIGN ENGINEER. THESE IMPROVEMENTS MUST BE IMPLEMENTED IN A TIMELY FASHION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION GENERAL PERMIT. ADDITIONALLY, AREAS OF PROPOSED COMPACTED NATIVE SOIL ROADS SHALL BE CONVERTED TO STABLE GRAVEL ROADS IF/AS DETERMINED BY THE QUALIFIED INSPECTOR OR ENGINEER OF RECORD.
5. PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF THOMPSON WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
6. CONTRACTOR SHALL ADHERE TO 2024 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.
7. THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, DEVELOPER, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, CTDEP, TOWN OF THOMPSON, ENGINEER OF RECORD, AND QUALIFIED SWPPP INSPECTOR.
8. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) PRIOR TO ENGAGING IN ANY EXCAVATION ACTIVITIES AT THE SITE.
9. THE CONTRACTOR SHALL NOTIFY THE TOWN OF THOMPSON AGENT, ZONING ENFORCEMENT OFFICER, AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
10. NO CONSTRUCTION OF SITE IMPROVEMENTS MAY BEGIN UNTIL THE PROPER EROSION CONTROL MEASURES SERVING THE AREA TO BE DISTURBED ARE IN PLACE.
11. ANTICIPATED WORK HOURS WILL BE BETWEEN 7:00 AM AND 5:00 PM. ANY WEEKEND WORK SHALL BE AT THE DISCRETION OF THE SITING COUNCIL.
12. ANY DEWATERING BY PUMP SHALL INCLUDE AN INTAKE AND/OR DISCHARGE FILTRATION SYSTEM (I.E. DIRT BAG SYSTEM) AND BE PUMPED TO STABLE GROUND. CONTRACTOR TO ENSURE DISCHARGED WATER IS RUNNING CLEAN OR ALTERNATIVE METHODS MUST BE EMPLOYED.

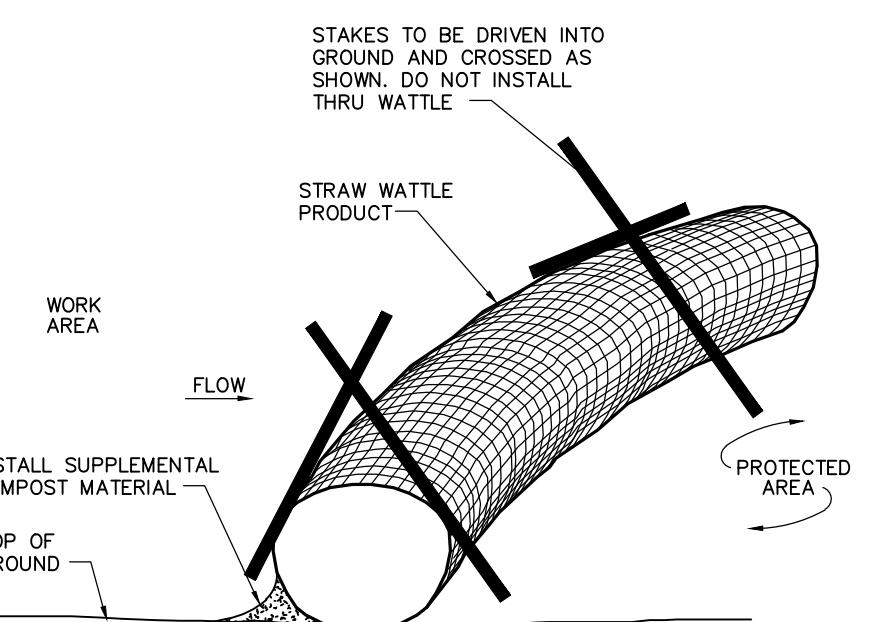
PRE-CONSTRUCTION SITE PROTECTION SEQUENCE

1. ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
2. INSTALL EROSION AND SEDIMENT CONTROLS FOLLOWING THE CT GUIDELINES AND MANUFACTURER'S DIRECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL INSTALL MEASURES AS REQUIRED BY THE ENGINEER OF RECORD OR QUALIFIED INSPECTOR, TO PREVENT SEDIMENT-LADEN RUNOFF FROM REACHING WETLANDS OR DISCHARGING OFFSITE.
3. EXECUTE MAJOR TREE CLEARING OPERATIONS NECESSARY TO PROVIDE WORKABLE SPACE FOR BASIN GRADING/INSTALLATION.
4. INSTALL TEMPORARY SEDIMENT TRAPS AND CONVEYANCE SWALES IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC SWPPC AND CT GUIDELINES. THE ENGINEER OF RECORD SHALL INSPECT FEATURES TO CONFIRM REQUIRED STORAGE CAPACITIES ARE PROVIDED AND THAT OUTLETS AND/OR SPILLWAYS ARE CONSTRUCTED CORRECTLY. DISCHARGE AREAS BELOW OUTFALLS MUST BE INSPECTED TO CONFIRM FLOW WILL BE OVER STABLE GROUND AND SHEET FLOW IS ENCOURAGED. IF DISTURBED SOILS ARE PRESENT, THE ENGINEER OF RECORD TO PROVIDE CORRECT MEASURES TO ADDRESS CONDITION.
5. SEED AND PROTECT DISTURBED SOILS AROUND SEDIMENT TRAPS WITHIN 14 DAYS OF COMPLETION. SECURE SEED WITH BIODEGRADABLE EROSION CONTROL MATTING.

CONSTRUCTION SEQUENCE

1. CLEAR AND GRUB AREAS TO LIMITS PRESCRIBED ON THE PLANS.
2. TOPSOIL SHALL BE REPLACED OVER REGRADED AREAS UPON COMPLETION OF MASS EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY MASS EARTHWORK OPERATIONS SHALL BE RESEED WITHIN 14 DAYS OF COMPLETION. IT IS HIGHLY RECOMMENDED THAT VEGETATION BE ALLOWED TO GROW WITHIN PANEL ARRAY BEFORE INSTALLATION OF PILES.
3. THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILTER AND GRAVEL GUARD TRACK GUIDES, AND DRAINAGE DRAINS. A TAPLED BIODEGRADABLE EROSION CONTROL BLANKET WITHOUT MONOFILAMENT MESH IS AN ACCEPTABLE ALTERNATIVE FOR HYDROSEED AND BFM.
4. UPON COMPLETION OF THIS CONSTRUCTION PHASE, ALL DISTURBED AREAS SHALL BE SEEDED AND STABILIZED WITH BIODEGRADABLE EROSION CONTROL MATTING PRIOR TO CONTINUING CONSTRUCTION SEQUENCE.
5. INSTALL PILES AND/OR GROUND SCREWS FOR SOLAR PANEL RACKING.
6. INSTALL ELECTRICAL CONDUIT AS REQUIRED BY THE ELECTRICAL DESIGN PLANS.
7. THE INSTALLATION OF RACKING SHALL FOLLOW THE FOUNDATION INSTALLATION BY ROUGHLY ONE WEEK STARTING FROM THE SAME POINT.
8. RESEED AND REGRADE ALL AREAS DISTURBED BY CONSTRUCTION TRAFFIC WITHIN THE ARRAYS WHERE RACKS ARE INSTALLED AS EARLY AS POSSIBLE. RUTS AND RILLS SHALL BE SMOOTHED AND GRADED AS DISCOVERED.
9. INSTALL SOLAR PANEL MODULES IN THE RACKING. MUCH OF THIS WORK IS ANTICIPATED TO BE PERFORMED BY HAND AND LIGHT CONSTRUCTION EQUIPMENT WHICH WILL CAUSE MINIMAL DISTURBANCE COMPARED TO THE USE OF HEAVY EQUIPMENT. DESIGNATED ACCESS ROADS SHALL STILL BE USED TO THE MAXIMUM EXTENTS POSSIBLE.
10. UPON COMPLETION OF CONSTRUCTION, RE-SEED ALL DISTURBED AREAS WITHIN 14 DAYS AND PREVENT VEHICULAR TRAFFICKING OVER THESE AREAS. INSTALL FINAL LANDSCAPING.
11. AFTER SITE IS STABILIZED AND AFTER INSPECTION BY DESIGN ENGINEER AND/OR CTDEP REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS INCLUDING SEDIMENT TRAPS AND DIVERSION SWALES. ENTIRE SITE SHALL BE CHECKED FOR AND CLEARED OF SEDIMENT AS NEEDED.

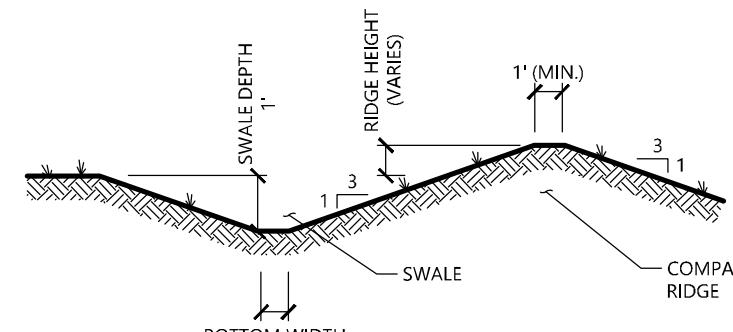



Straw Wattle Installation

N.T.S. Source: VHB

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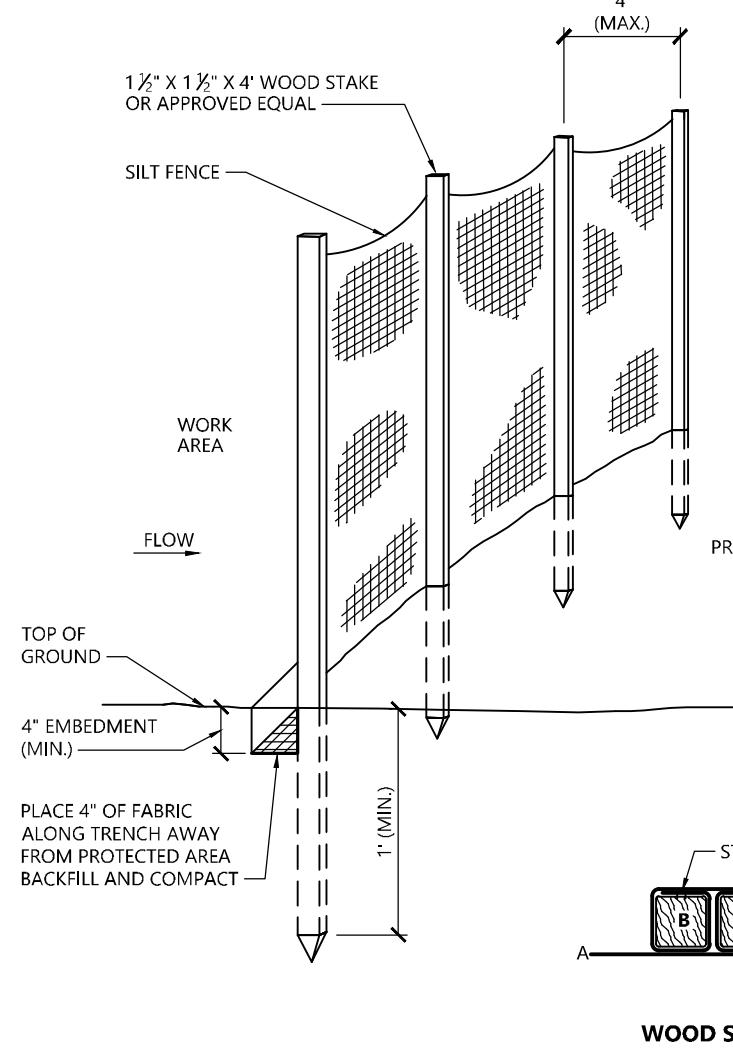
LD_658


Diversion Swale

N.T.S.

Source: VHB

LD_658

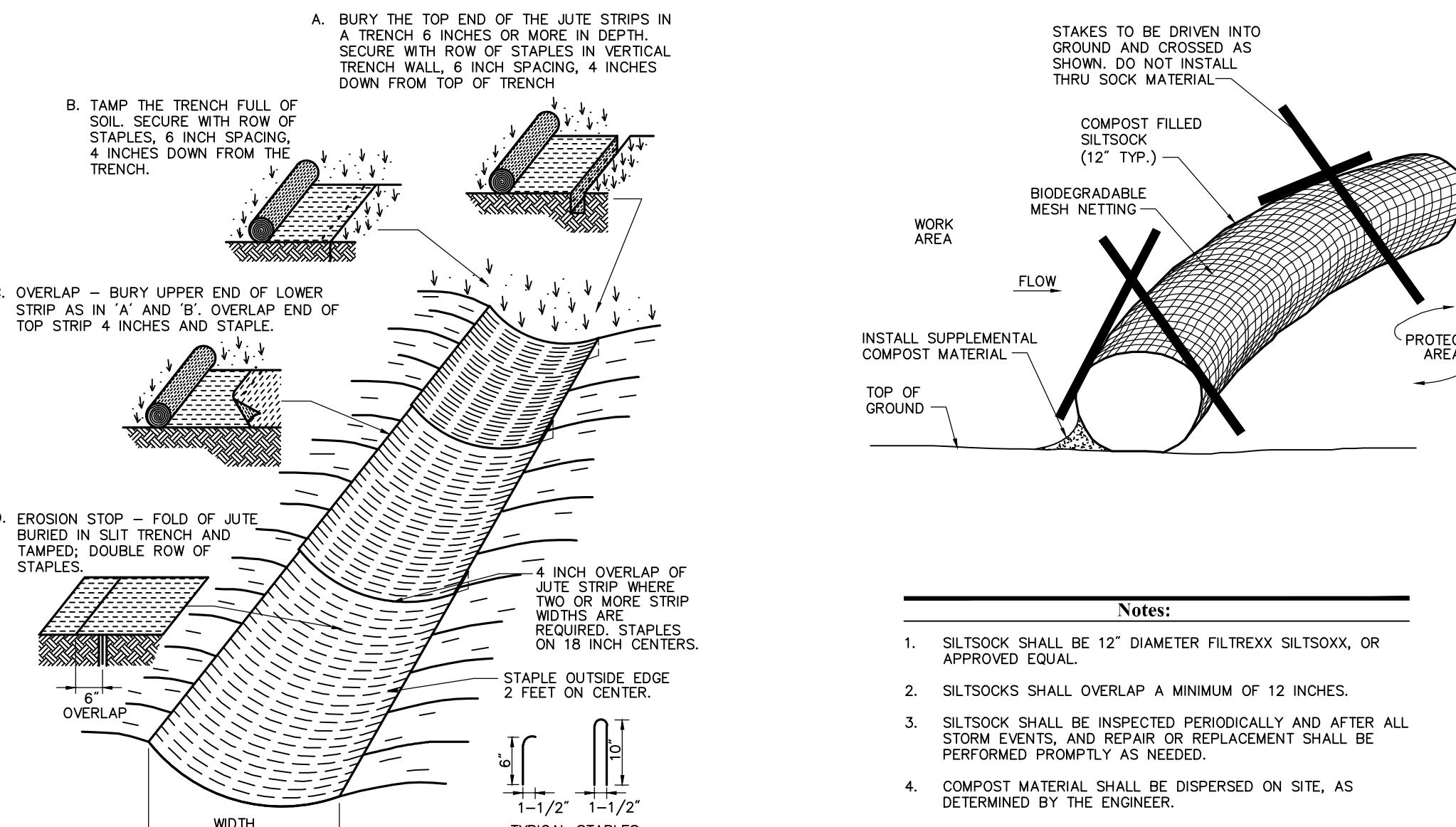

Silt Fence Barrier

N.T.S.

Source: VHB

1/16

LD_650

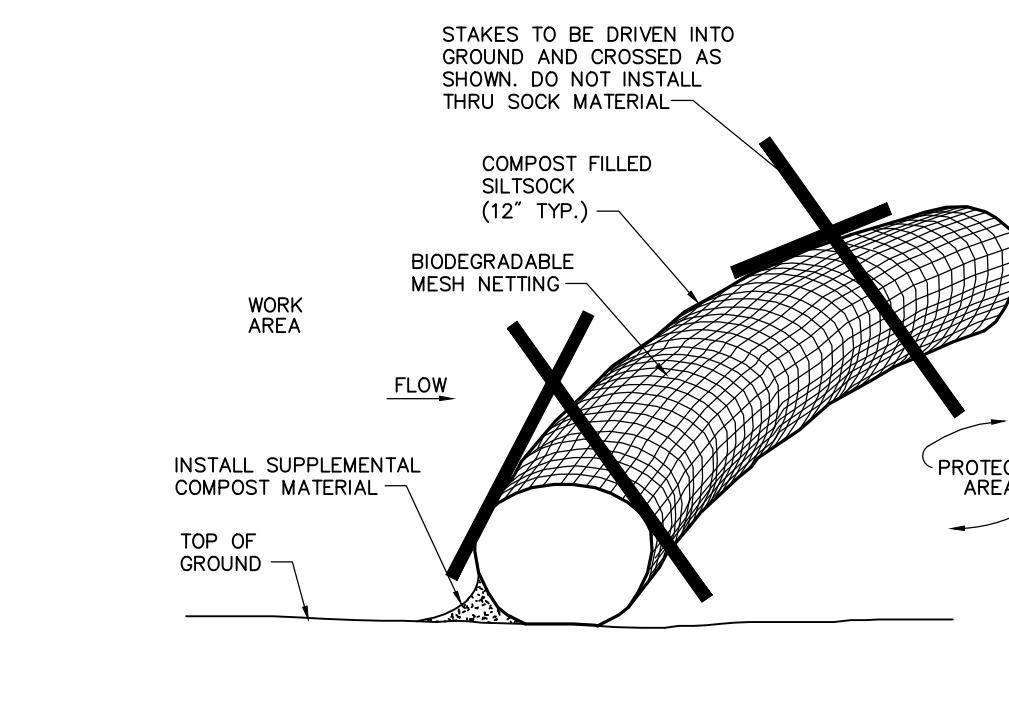

Erosion Control Blanket (ECB) Swale Installation

N.T.S.

Source: VHB

6/08

LD_681

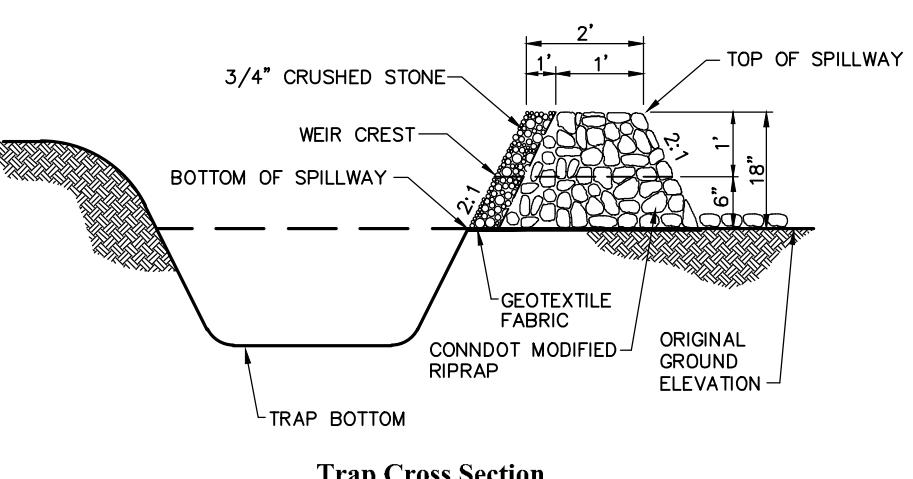

Compost Filter Sock (CFS)

N.T.S.

Source: VHB

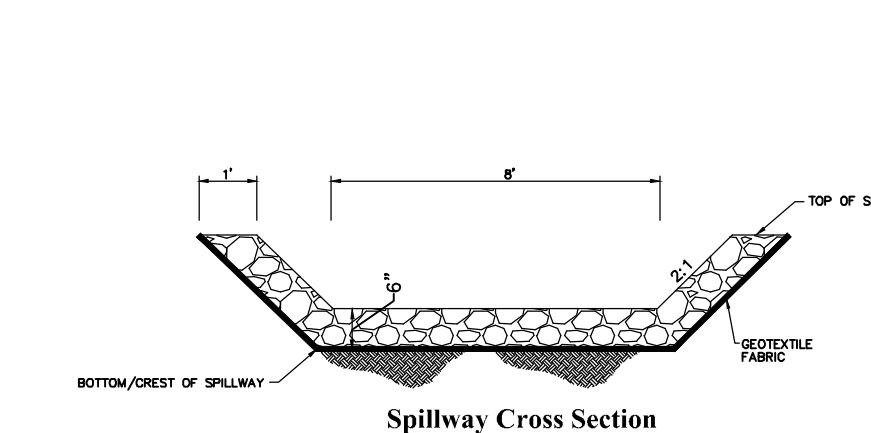
8/12

LD_658



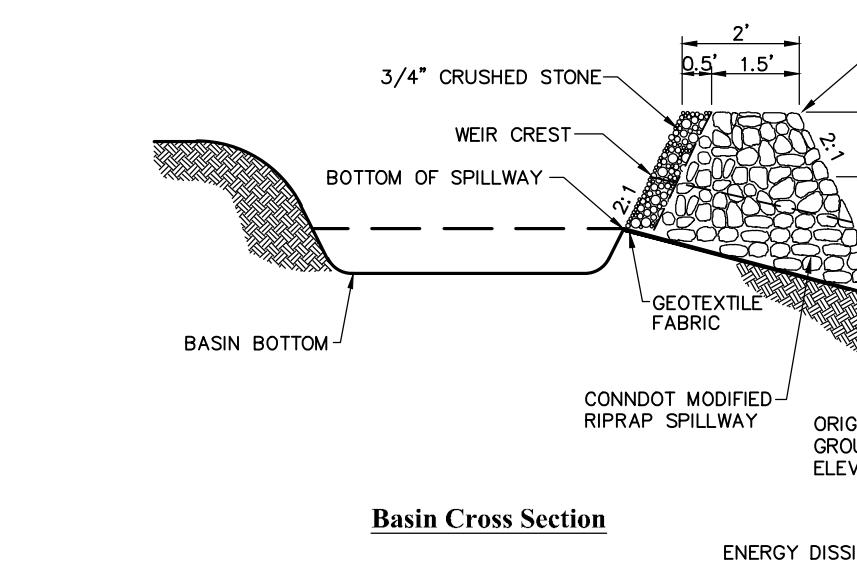
Trap Cross Section

NOTE:
 1. ALL VEGETATED SIDE SLOPES SHALL NOT EXCEED 3:1
 2. SIDE OF EMBANKMENT SHALL BE STABILIZED BY EROSION CONTROL BLANKETS OR AS DIRECTED BY THE ENGINEER
 3. TRAP SHALL BE DRAINED AND CLEANED OF SEDIMENT ONCE SEDIMENT IS > 1' ABOVE TRAP BOTTOM.



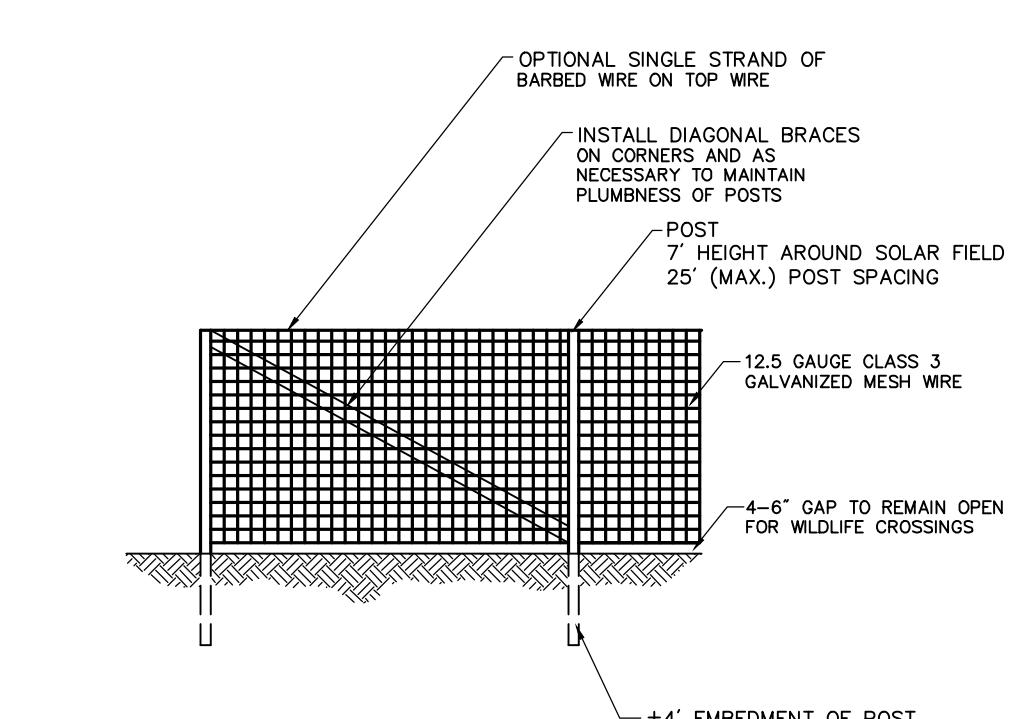
Spillway Cross Section

NOTE:
 1. ALL VEGETATED SIDE SLOPES SHALL NOT EXCEED 2:1 FOR SPILLWAY
 2. TOP OF EMBANKMENT SHALL BE 6' (MIN) WIDTH.
 3. TOP OF EMBANKMENT SHALL BE 6' (MIN) WIDTH AND
 4. SIDE SLOPES OF EMBANKMENT SHALL BE STABILIZED BY EROSION CONTROL BLANKETS OR AS DIRECTED BY THE ENGINEER



Basin Cross Section

NOTE:
 1. ALL VEGETATED SIDE SLOPES SHALL NOT EXCEED 3:1
 2. TOP OF EMBANKMENT SHALL BE 6' (MIN) WIDTH.
 3. SIDE SLOPES OF EMBANKMENT SHALL BE STABILIZED BY EROSION CONTROL BLANKETS OR AS DIRECTED BY THE ENGINEER



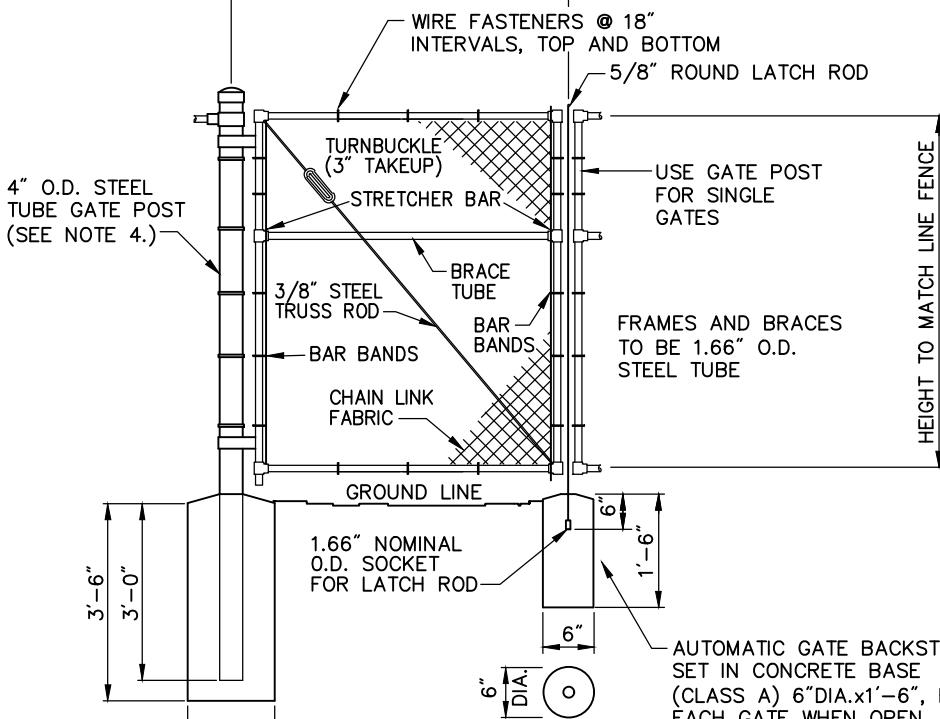
Notes:
 1. FINAL DESIGN OF FENCE TO BE DETERMINED.
 2. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF FENCE TO BE APPROVED PRIOR TO INSTALLATION.
 3. POST HOLES TO BE AUGURED PRIOR TO POST INSTALLATION.
 4. ALL POSTS TO BE PLUMB AND DRAINED.
 5. INSTALL STAINLESS STEEL TIE WIRE AT 1' INTERVALS.
 6. DIAGONAL BRACING TO BE INSTALLED AS REQUIRED TO KEEP POSTS PLUM WHEN FORCE IS TENSIONED.
 7. FORCE FABRIC TO BE TENSIONED TO ELIMINATE SAGS.

Agricultural Fence

N.T.S. Source: By Others

REV

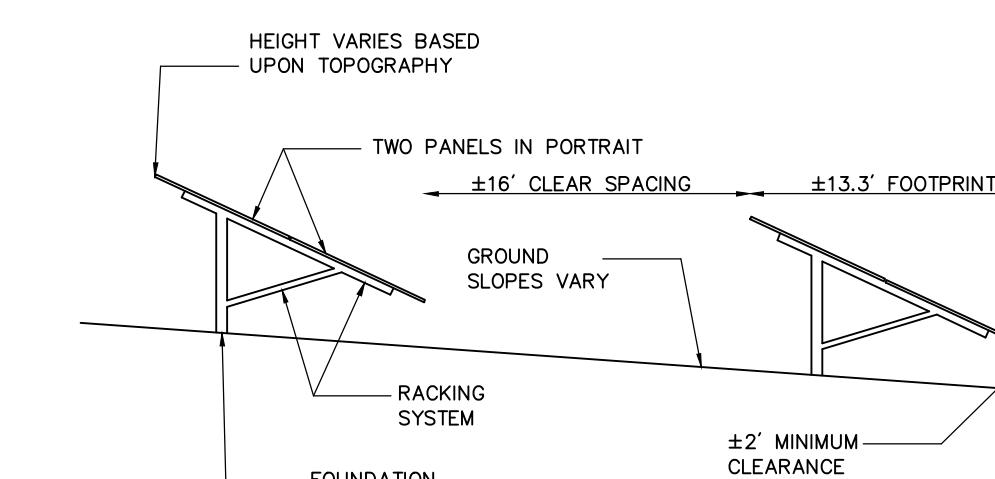
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Chain Link Fence Gate

N.T.S.

Source: VHB

6/08 LD_482

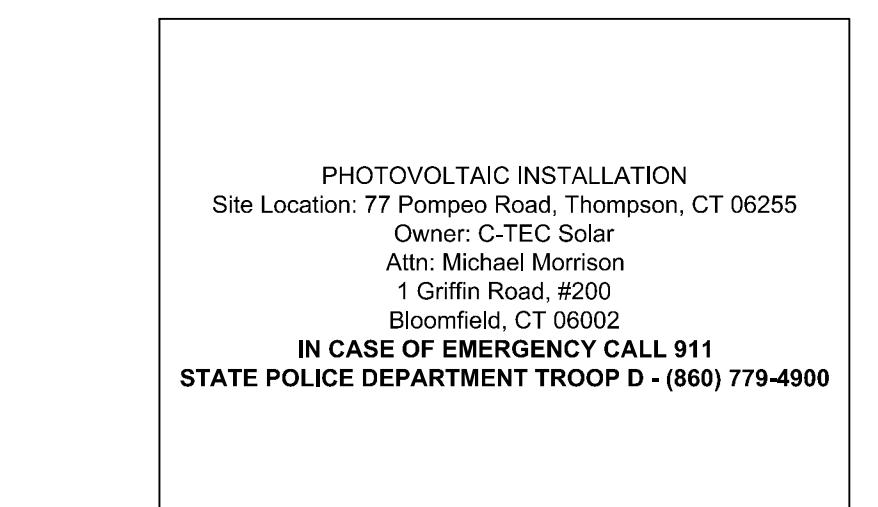

Permanent Stormwater Basin

N.T.S.

Source: VHB

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LD_480


Cross Section of Fixed-Tilt Panel Array

N.T.S.

Source: VHB

7/20

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Danger and Site Facility Signs

N.T.S.

Source: VHB

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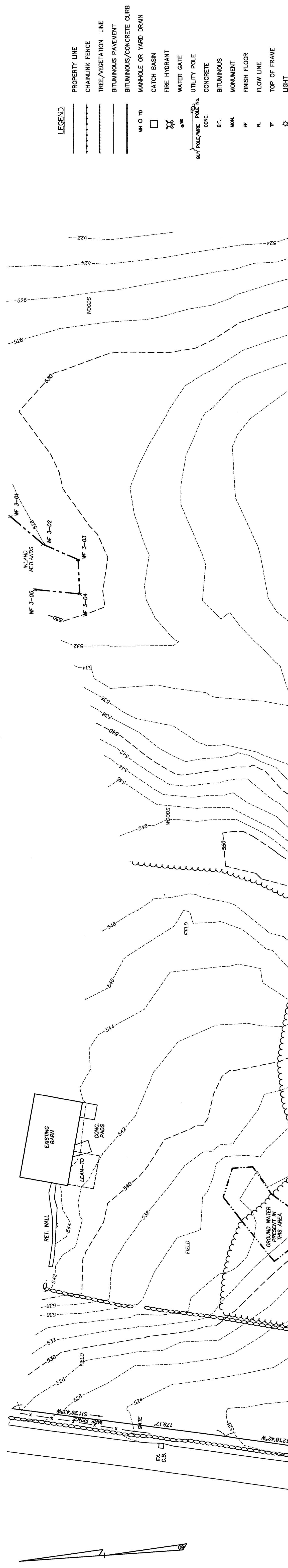
Pompeo Solar
 77 Pompeo Rd
 Thompson, Connecticut

 No. Revision Date Approved

 Designed by DRB Checked by SJK
 Issued for Application Date August 26, 2024

 Not Approved for Construction
 Drawing 108
 Site Details

LEGEND



MAP REFERENCES:
1. "PROPERTY SURVEY PREPARED FOR JEFFREY & CHERYL POMPEO, 9 POMPEO ROAD - THOMPSON, CT SCALE 1"=20' DATE: MAY 18, 2010 BY D&D CIVIL ENGINEERS, LLC, INC.
GROTON, CT.
2. "COMPLIATION PLAN PREPARED FOR JEFFREY S. POMPEO POMPEO ROAD THOMPSON, CONNECTICUT SCALE 1"=200' DATE: 4/21/2014 KILLINGLY ENGINEERING ASSOCIATES CIVIL ENGINEERING & SURVEYING."

SURVEY NOTES:
THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS PREPARED AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.
THE TYPE OF SURVEY PERFORMED IS AN IMPROVEMENT LOCATION SURVEY.
BOUNDARY DETERMINATION CATEGORY-RESURVEY BASED ON A DEFENDED RESURVEY.
THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2, AND VERTICAL ACCURACY CLASS T-2.
COORDINATES BASED UP CT STATE PLANE COORDINATE SYSTEM, TAKEN FROM GPS OBSERVATIONS ON 2/28/24, HORIZONTAL DATUM IN NAD 83, VERTICAL DATUM IN NAVD 88.
WETLANDS FLAGGED BY MATTHEW GUSTAFSON REGISTERED SOIL SCIENTIST, ALL TECHNOLGIES CONSULTANT, INC., ON 5/7/2021. LOCATED IN THE FIELD BY DENNO LAND SURVEYING.

EXISTING CONDITIONS
PREPARED FOR
JEFFREY S & CHERYL L POMPEO
77 POMPEO ROAD
THOMPSON, CONNECTICUT

REVISIONS:
TO MY KNOWLEDGE AND BELIEF THIS MAP IS
SUBSTANTIALLY CORRECT AS NOTED HEREON.
DENNO LAND SURVEYING & CONSULTING, LLC
2, TUNXS RD STE. 214 TARIFFVILLE, CT 06081
NOT VALID UNLESS LINE SIGNATURE AND ENCLOSED SEAL IS AFFIXED
SHEET NO. 1 OF 2



UTILITY STATEMENT
UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COPIED FROM RECORD MAPS SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROL TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE, ADDITIONALLY, OTHER SUCH LOCATIONS WHICH MAY EXIST ON THE LAND SURFACE, WHETHER KNOWN OR UNKNOWN, MAY NOT BE SHOWN. THE SURVEYOR IS NOT RESPONSIBLE FOR THE LOCATION OF THESE LOCATIONS. THE SURVEYOR IS NOT RESPONSIBLE FOR THE LOCATION OF THESE LOCATIONS.
VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION.
CALL BEFORE YOU DIG 1-800-922-4455.

