

Site Plans

Issued for	Application
Date Issued	August 26, 2024
Latest Issue	January 2, 2025

C-TEC Solar, LLC

"Pompeo Solar"

77 Pompeo Rd
Thompson, Connecticut

Applicant

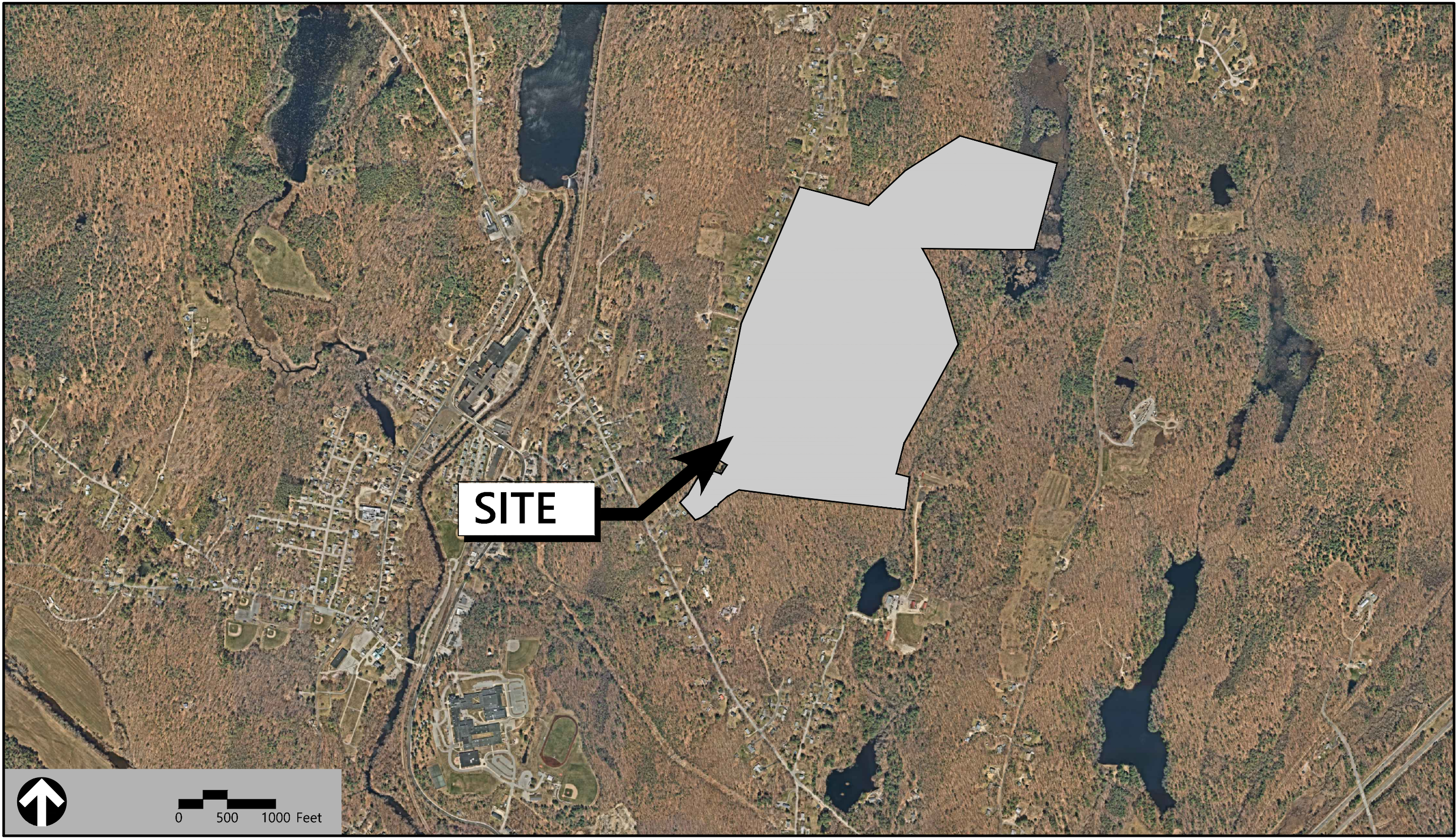
C-TEC Solar, LLC,.
1 Griffin Road, #200
Bloomfield, CT 06002

Map / Block / Lot:

81 / 48 / 17

Owner

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



Sheet Index		
No.	Drawing Title	Latest Issue
C-1.0	Legend and General Notes	January 2, 2025
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C-3.0	Grading, Drainage, and Utilities Plan	January 2, 2025
C-4.0	Erosion and Sediment Control Plan	January 2, 2025
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Reference Drawings		
No.	Drawing Title	Latest Issue
1 of 1	Existing Conditions	March 20, 2024





100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300

Legend

Exist.	Prop.	
		PROPERTY LINE
		LIMIT OF DISTURBANCE
		WETLAND LINE WITH FLAG
		GRAVEL ROAD
		OVERHEAD WIRE
		UNDERGROUND ELECTRIC
		RIPRAP
		CONSTRUCTION EXIT
		TRANSFORMER PAD
		UTILITY POLE
		PATH
		TREE LINE
		FENCE
		STONE WALL
		DETENTION BASIN
		SILT FENCE
		MINOR CONTOUR
		MAJOR CONTOUR

Notes

General

1. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (811 OR 1-800-922-4455) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS.
4. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
5. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
6. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
7. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
8. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
9. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
10. THIS PROJECT IS LOCALLY EXEMPT AND DISTURBS MORE THAN ONE ACRE OF LAND, REQUIRING ADHERENCE TO AND REGISTRATION FOR THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND DEWATERING WASTEWATERS FROM CONSTRUCTION ACTIVITIES, EFFECTIVE NOVEMBER 25, 2022.
11. STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ABUTTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

Utilities

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES. NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND THE CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
3. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
4. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE LOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS FURNISHED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
5. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED STEWWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUIT, DUCT BANKS, LIGHTABLE BAYS, AND CONCRETE DUCTS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCLOSUREMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.

Layout and Materials

1. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
2. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
3. FINAL LAYOUT SUBJECT TO CONDITIONS ENCOUNTERED IN THE FIELD.

Demolition

1. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
2. THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO ADAPT THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEVID EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
3. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVED DOCUMENTS PERTAINING TO THIS PROJECT.
2. CONTRACTOR OR QUALIFIED INSPECTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS OR MORE FREQUENTLY AS NEEDED, (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND REPAIR OR REPLACE EROSION CONTROL MEASURES WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM AMOUNT OF TIME BEFORE THEY ARE COVERED, SEEDDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
6. VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 1-4 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH SHALL BE APPLIED AFTER PERMANENT SLOPE STABILIZATION TO PROTECT SOIL FROM IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

Existing Conditions Information

1. EXISTING CONDITIONS BASE PLAN WAS PREPARED BY DENINO SURVEY & CONSULTING, LLC DATED MARCH 20, 2024.
2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. WETLANDS WERE FIELD-DELINEATED BY ALLPOINTS IN JUNE 2021.

Document Use

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH WAS ISSUED. THE USER ASSUMES THE ENTIRE RISK OF ANY WRITTEN CONSENT OF VHB, ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS, AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

Pompeo Solar

77 Pompeo Rd
Thompson, Connecticut

No.	Revision	Date	Appvd.
1	CSC Interrogatories Set 1	2025-01-02	SJK

Designed by	DRB	Checked by	SJK
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Application

August 26, 2024

Not Approved for Construction

Drawing Title

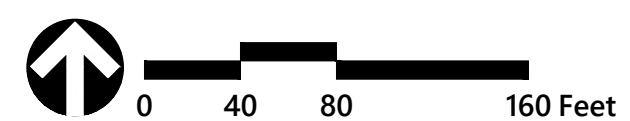
Legend and General Notes

Drawing Number

C-1.0

Sheet 1 of 5

Project Number
43415.00



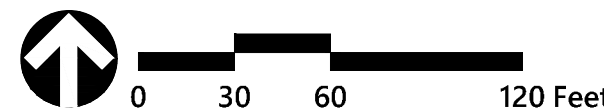
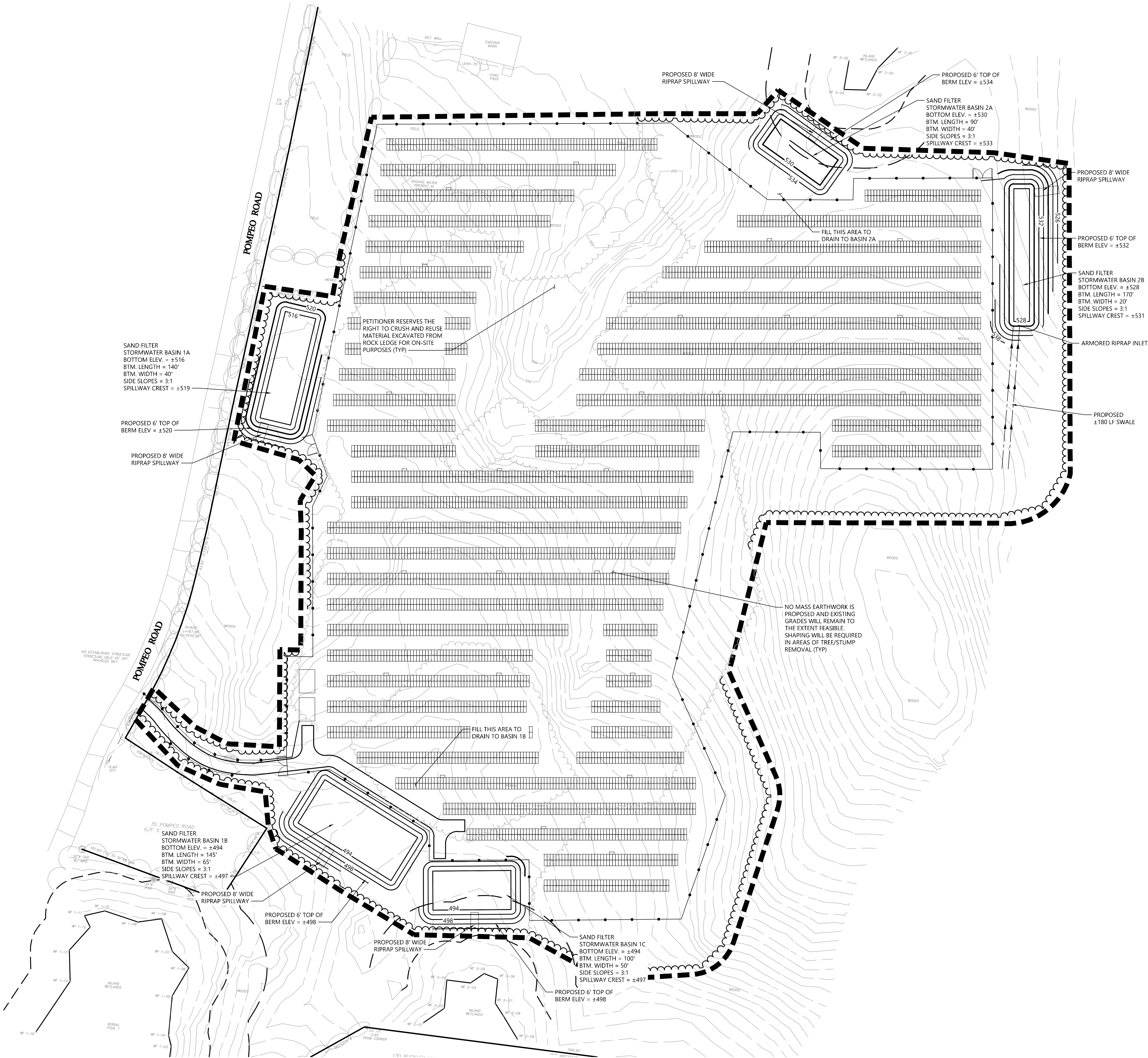
77 Pompeo Rd
Thompson, Connecticut

Designed by DRB	Checked by SJK
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Layout and Materials Plan

C-2.0

Project Number
43415.00



Pompeo Solar
77 Pompeo Rd
Thompson, Connecticut

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1	CSC Interrogatories Set 1	2025-01-02	SJK

Designed by	Checked by
DRB	SJK

Issued for: **Application** Date: **August 26, 2024**

Not Approved for Construction
Drawing Title
**Grading, Drainage, and
Utilities Plan**

Drawing Number

C-3.0

Sheet 3 of 5

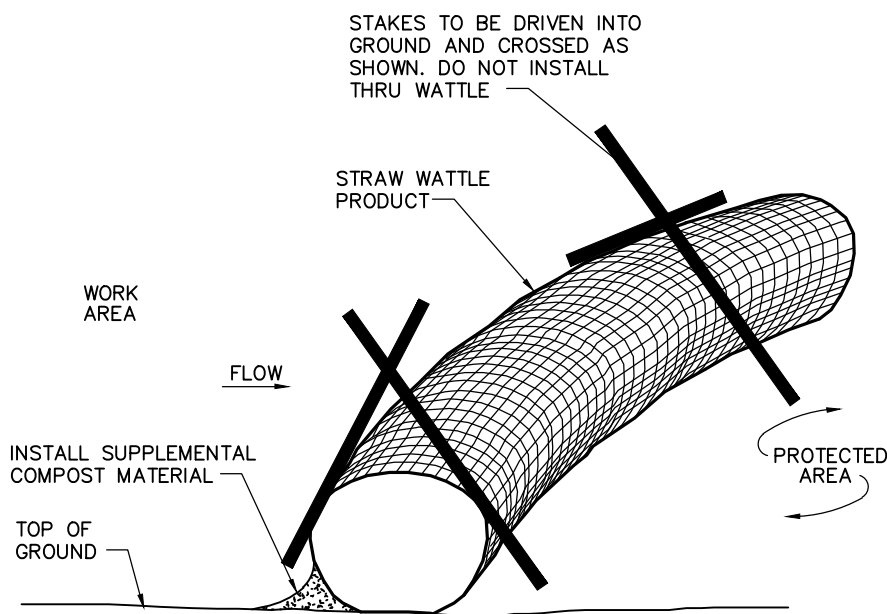
Project Number
43415.00

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Erosion and Sediment Control Plan

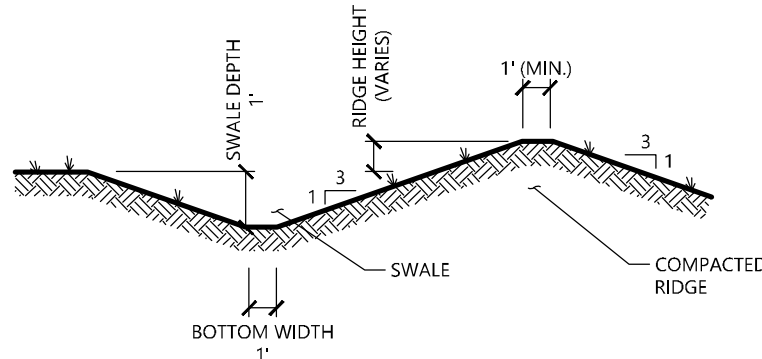


100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300



Straw Wattle Installation

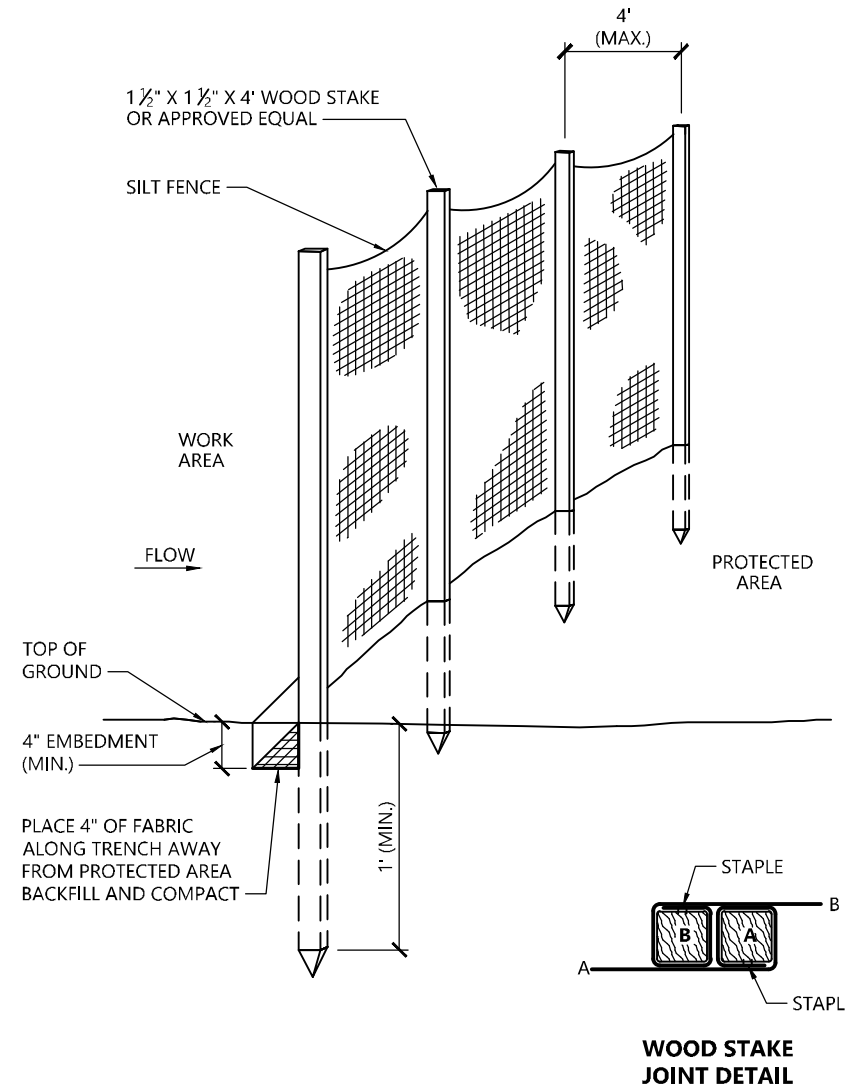
N.T.S. Source: VHB 8/12 LD_658



- NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1
 2. THE INTENT IS TO USE THE MATERIAL EXCAVATED FROM THE SWALE TO CONSTRUCT THE RIDGE.
 3. BOTTOM OF SWALE SHALL BE LINED WITH EROSION CONTROL BLANKET.

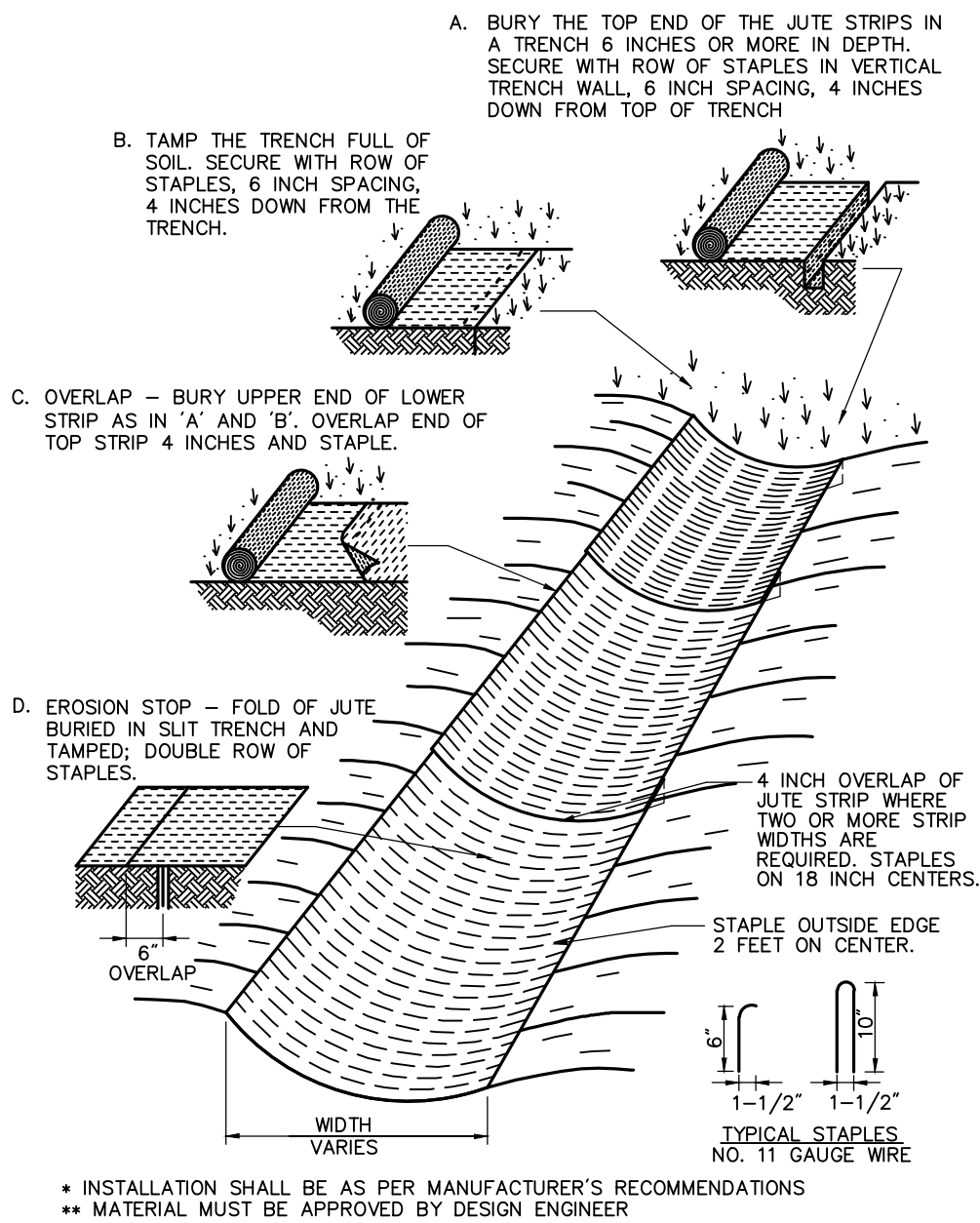
Diversion Swale

N.T.S. Source: VHB



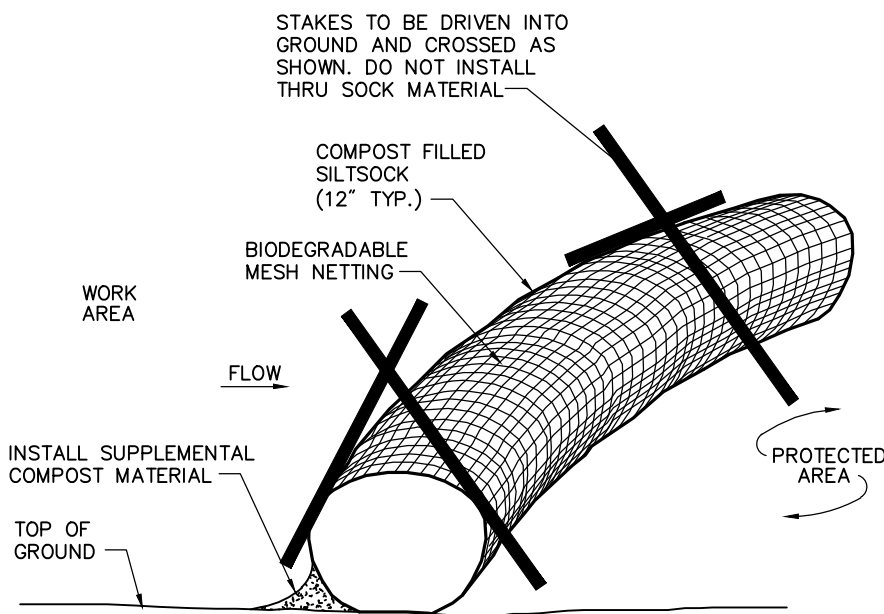
Silt Fence Barrier

N.T.S. Source: VHB 1/16 LD_650



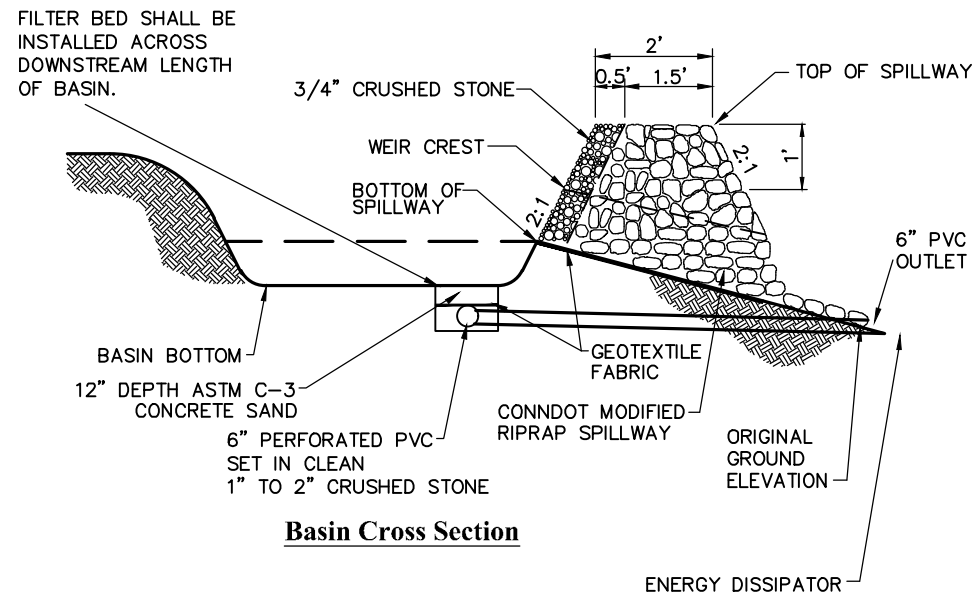
Erosion Control Blanket (ECB) Swale Installation

N.T.S. Source: VHB 6/08 LD_681



Compost Filter Sock (CFS)

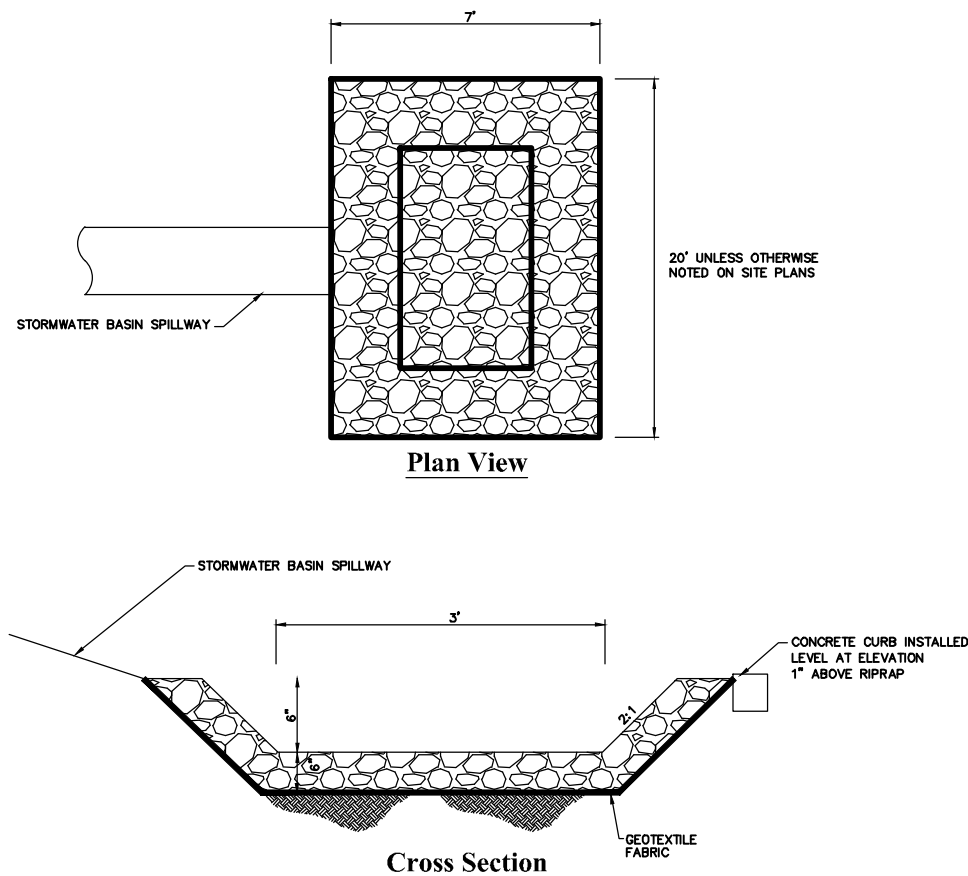
N.T.S. Source: VHB 8/12 LD_658



- NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1
 2. TOP OF EMBANKMENT SHALL BE 2\"/>

Earthen Surface Sand Filter Basin

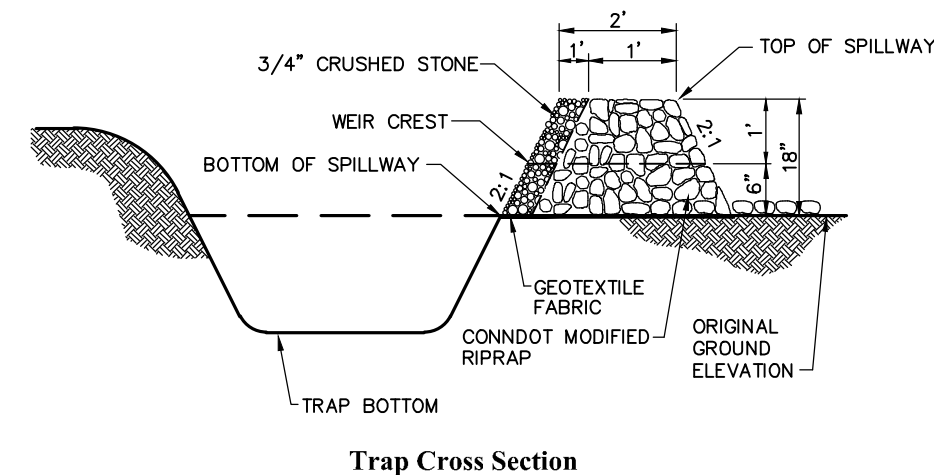
N.T.S. Source: VHB



- NOTE:
1. SHALL BE INSTALLED AT THE OUTLET FROM EACH STORMWATER BASIN SPILLWAY.

Energy Dissipator

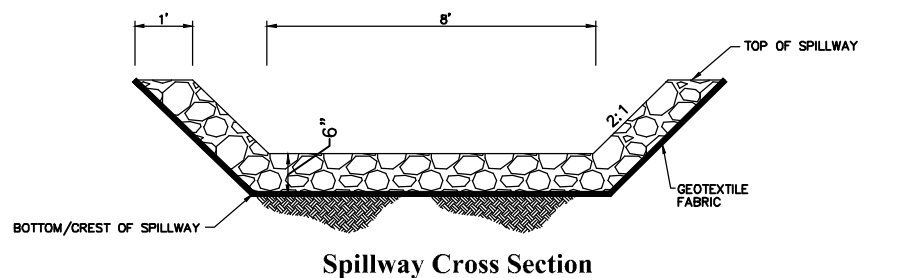
N.T.S. Source: VHB



- NOTE:
1. ALL VEGETATED SIDE SLOPES SHALL NOT EXCEED 3:1
 2. SIDE SLOPES 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\"/>

Sediment Trap (TST)

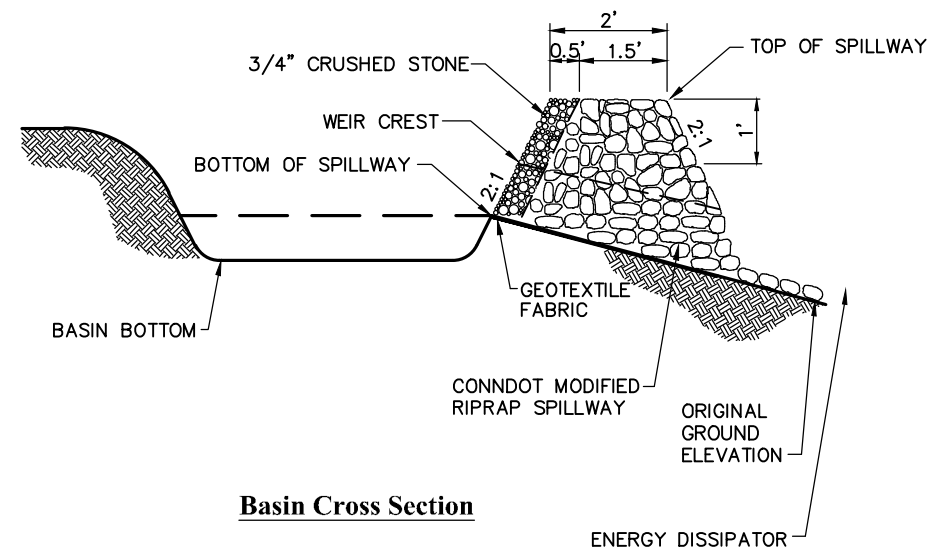
N.T.S. Source: VHB



- NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 2:1 FOR SPILLWAY
 2. STONE FOR SPILLWAY SHALL BE 8-12\"/>

Stormwater Basin Spillway

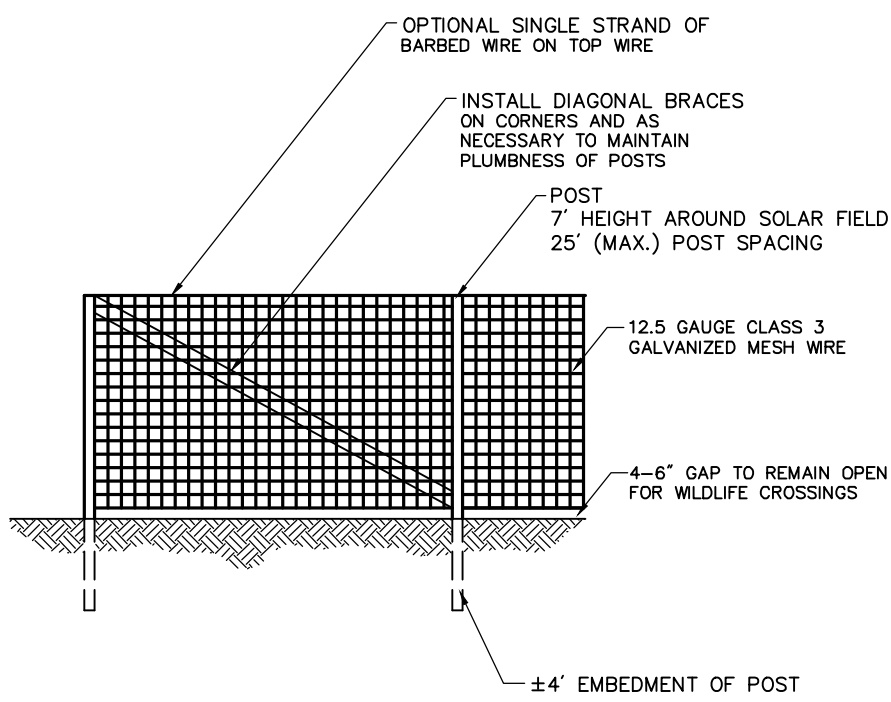
N.T.S. Source: VHB



- NOTE:
1. ALL VEGETATED SIDE SLOPES SHALL NOT EXCEED 3:1
 2. TOP OF EMBANKMENT SHALL BE 2\"/>

Permanent Stormwater Basin

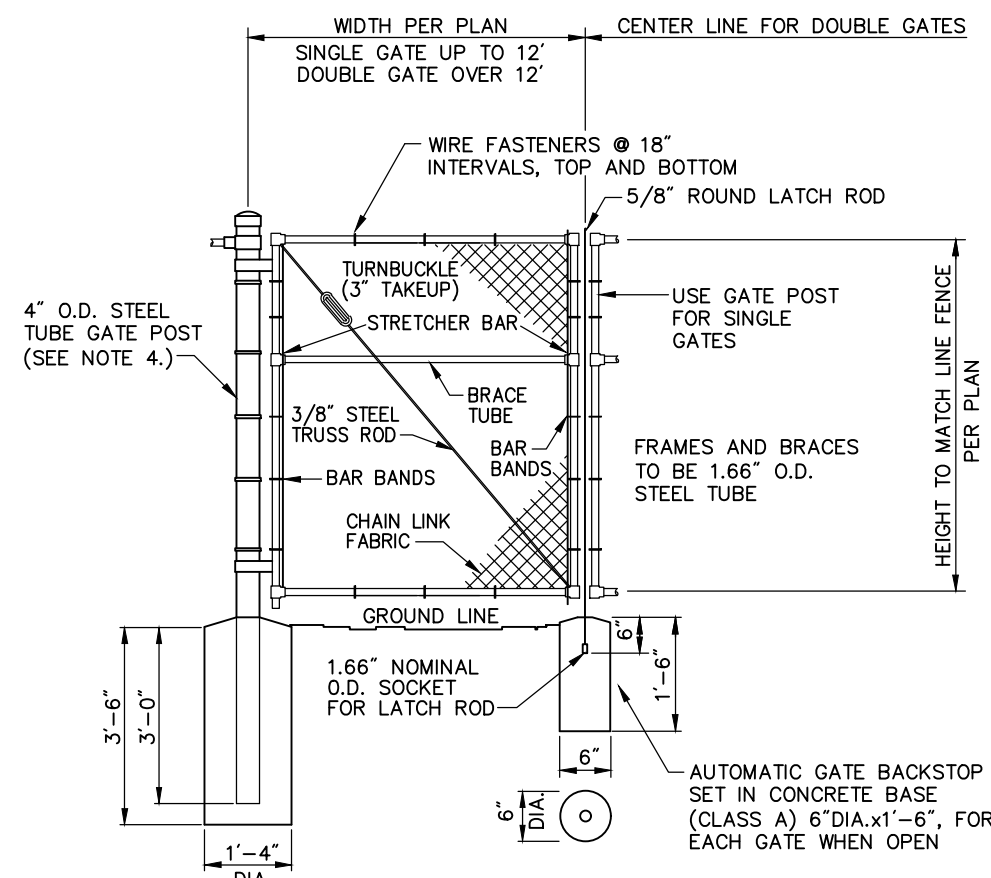
N.T.S. Source: VHB



- 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 IN ALL DIRECTIONS.
 5. INSTALL STAINLESS STEEL TIE WIRES AT 15\"/>

Agricultural Fence

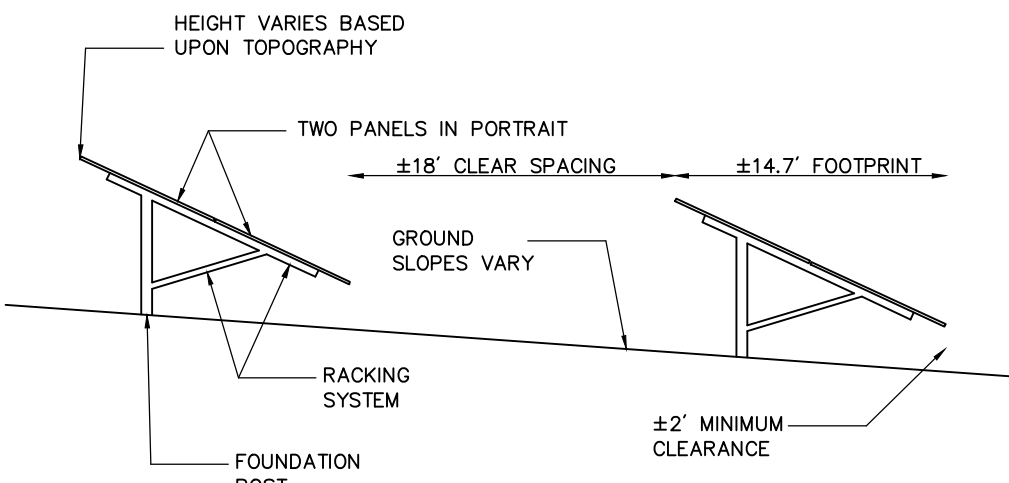
N.T.S. Source: By Others 6/08 LD_480



- Notes:
1. CHAIN LINK FABRIC FOR GATES TO BE THE SAME AS REQUIRED FOR FENCE.
 2. GATE POST BASE-PORTLAND CEMENT CONCRETE (3000 PSI).
 3. FENCE FABRIC, POSTS, FRAMEWORKS, AND HARDWARE SHALL BE GALVANIZED STEEL OR BLACK VINYL (AS INDICATED ON PLANS) PER SPECIFICATIONS.
 4. GATE POSTS TO BE USED ON EACH SIDE OF SINGLE AND DOUBLE GATE OPENINGS.

Chain Link Fence Gate

N.T.S. Source: VHB 6/08 LD_482



- Notes:
1. FINAL DETERMINATION OF PANEL TYPE, RACKING SYSTEM, AND FOUNDATION POSTS TO BE DETERMINED PENDING BEST AVAILABLE TECHNOLOGY AT TIME OF CONSTRUCTION AND STRUCTURAL GROUND TESTING.

Cross Section of Fixed-Tilt Panel Array

N.T.S. Source: VHB 7/00



PHOTOVOLTAIC INSTALLATION
Site Location: 77 Pompeo Road, Thompson, CT 06255
Owner: C-TEC Solar
Attn: Michael Morrison
1 Griffin Road, #200
Bloomfield, CT 06002

IN CASE OF EMERGENCY CALL 911
STATE POLICE DEPARTMENT TROOP D - (860) 779-4900

- Notes:
1. THE SITE FACILITY SIGN IS A DRAFT SHOWING THE MINIMUM AMOUNT OF INFORMATION THAT WILL BE PROVIDED. SIGN WILL BE 18\"/>

Danger and Site Facility Signs

N.T.S. Source: VHB 1/16

Pompeo Solar

77 Pompeo Rd
Thompson, Connecticut

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1	CSC Interrogatories Set 1	2025-01-02	SJK

Designed by	DRB	Checked by	SJK
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Site Details

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C-5.0

Sheet 5 of 5

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