

# Site Plans

Issued for	Application
Date Issued	November 16, 2023
Latest Issue	November 16, 2023

## Glastonbury Solar One

17 Wickham Rd  
Glastonbury, Connecticut



### Applicant

Verogy  
124 LaSalle Road, 2nd Floor  
West Hartford, CT 06107

### Map / Block / Lot:

G5 / 2920 / S0054

### Owner

Catholic Cemeteries Association  
Of the Archdiocese of Hartford  
700 Middletown Ave  
North Haven, CT 06473

### Sheet Index

No.	Drawing Title	Latest Issue
C-1.0	Legend and General Notes	November 16, 2023
C-2.0	Layout and Materials Plan	November 16, 2023
C-3.0	Grading, Drainage, and Utilities Plan	November 16, 2023
C-4.0	Erosion and Sediment Control Plan	November 16, 2023
C-5.0	Site Details	November 16, 2023

### Reference Drawings

No.	Drawing Title	Latest Issue
1 of 1	Existing Conditions	September 12, 2023





100 Great Meadow Road Suite 200 Wethersfield, CT 06109 860.807.4300

Legend

Legend table with columns: Exist., Prop., and descriptions for various site features like Property Line, Pavement, Easement, etc.

Abbreviations

Abbreviations table with columns: General, and descriptions for terms like ABAN, ACR, ADJ, etc.

Notes

Notes table with columns: General, Erosion Control, Existing Conditions Information, Document Use, Utilities, Layout and Materials, Demolition, and detailed numbered notes.

Glastonbury Solar One 17 Wickham Rd Glastonbury, Connecticut

Table with columns: No., Revision, Date, Apprd.

Designed by DRB Checked by SJK Issued for Date

Application November 16, 2023

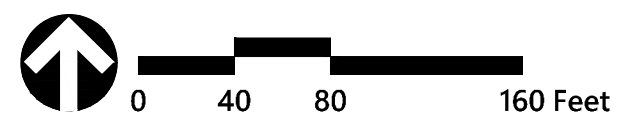
Not Approved for Construction

Legend and General Notes

C-1.0



100 Great Meadow Road  
Suite 200  
Wethersfield, CT 06109  
860.807.4300



**Glastonbury Solar One**  
17 Wickham Rd  
Glastonbury, Connecticut

No.	Revision	Date	Appd.

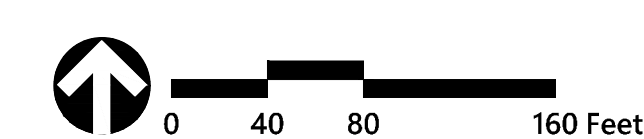
Designed by DRB      Checked by SJK  
Issued for      November 16, 2023

Application

Not Approved for Construction  
Drawing Title  
**Layout and Materials Plan**

Drawing Number  
**C-2.0**  
Sheet of  
2 of 5  
Project Number  
43323.00





### Glastonbury Solar One

17 Wickham Rd  
Glastonbury, Connecticut

No.	Revision	Date	App'd.

Designed by <b>DRB</b>	Checked by <b>SJK</b>
Issued for <b>Application</b>	Date <b>November 16, 2023</b>

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

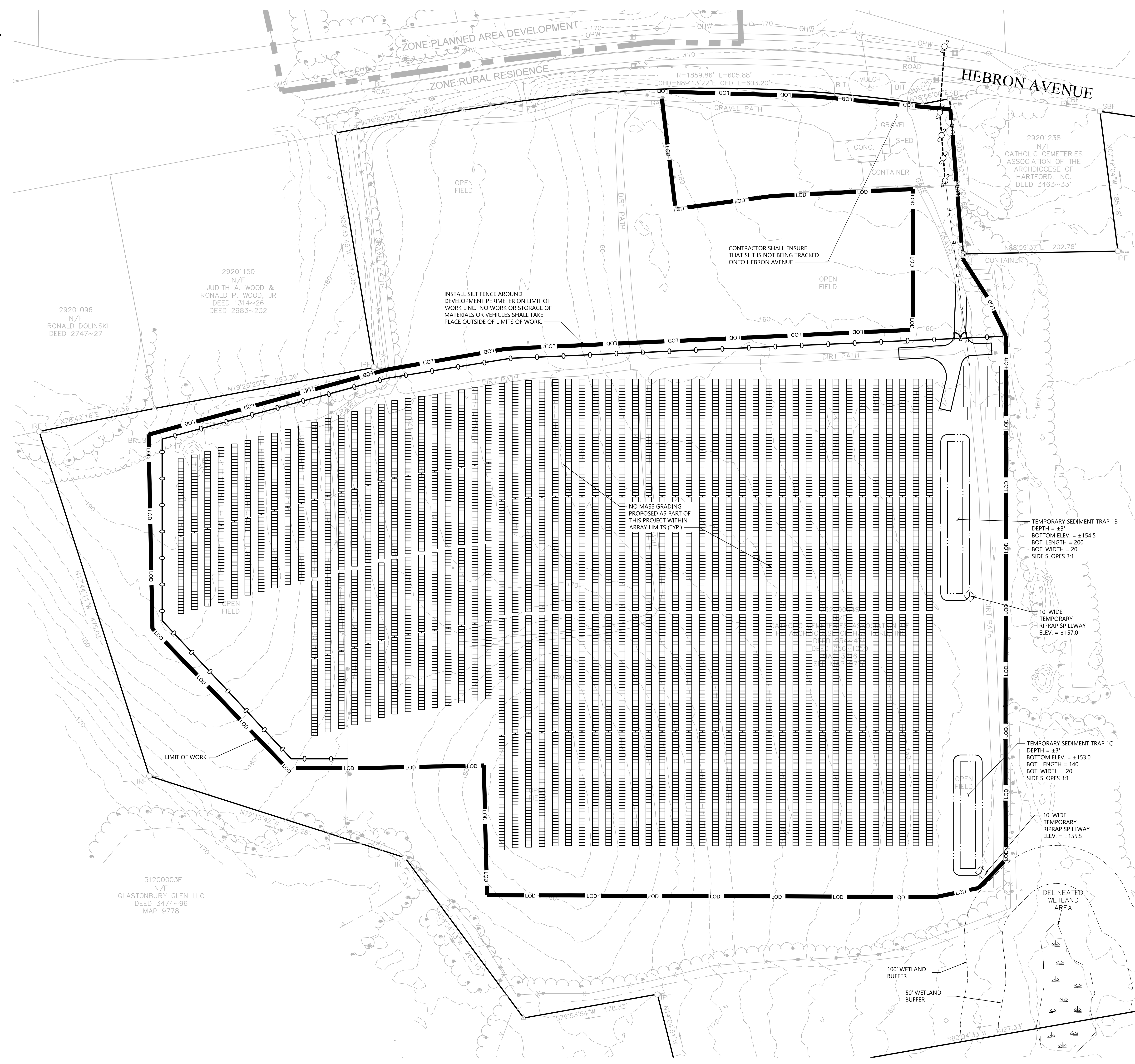


# CONSTRUCTION SEQUENCING

- ALL CONSTRUCTION ACTIVITIES ARE EXPECTED TO BEGIN IN THE SPRING/SUMMER OF 2024 AND BE COMPLETED BY THE END OF 2024. 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 CTDEEP-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 CTDEEP 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 GLASTONBURY WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
  6. CONTRACTOR SHALL ADHERE TO 2002 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, CTDEEP, TOWN OF GLASTONBURY, 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 GLASTONBURY 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.
  12. ANY DEWATERING BY PUMP SHALL INCLUDE AN INTAKE AND/OR DISCHARGE FILTRATION SYSTEM (I.E. DIRTBAG SYSTEM) AND BE PUMPED TO STABLE GROUND. CONTRACTOR TO ENSURE DISCHARGED WATER IS RUNNING CLEAN OR ALTERNATE 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. 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.
  4. 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.
  3. THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILLING AND GRADING GULLIES. TRACK GULLIES UP AND DOWN SLOPE. A STAPLED BIODEGRADABLE EROSION CONTROL BLANKET WITHOUT MONOFILAMENT MESH IS AN ACCEPTABLE ALTERNATIVE FOR HYDROSEED AND BFM. 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 CTDEEP REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS INCLUDING SEDIMENT TRAPS AND DIVERSION SWALES. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AS NEEDED.



vhb.com

100 Great Meadow Road  
Suite 200  
Wethersfield, CT 06109  
860.807.4300

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Glastonbury, Connecticut

No.	Revision	Date	App'd.

Designed by: DRB      Checked by: SJK

Issued for: Application      Date: November 16, 2023

Not Approved for Construction

Drawing Title: **Erosion and Sediment Control Plan**

Drawing Number: **C-4.0**

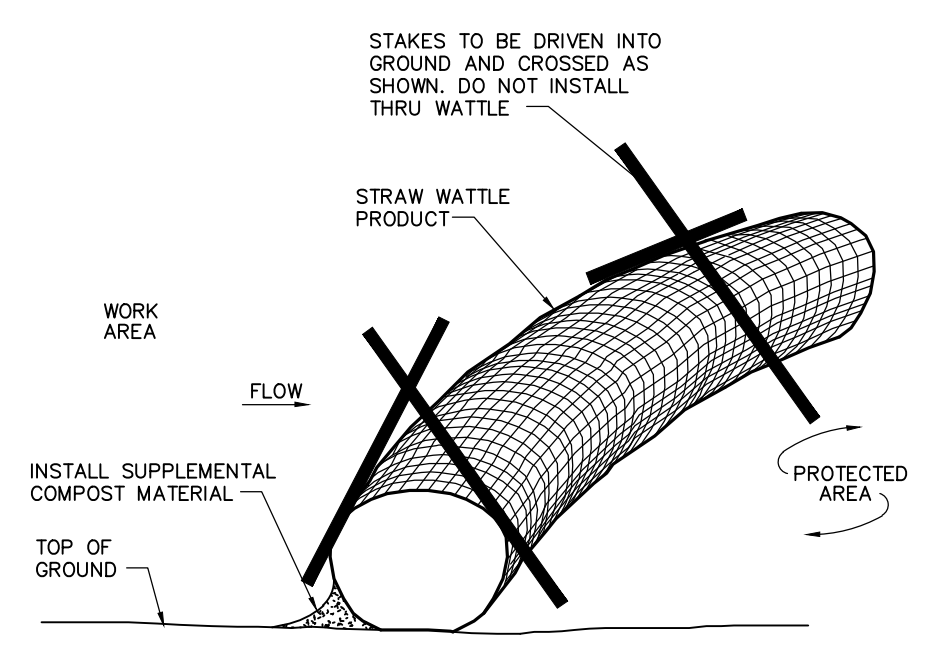
Sheet 4 of 5

Project Number: 43323.00

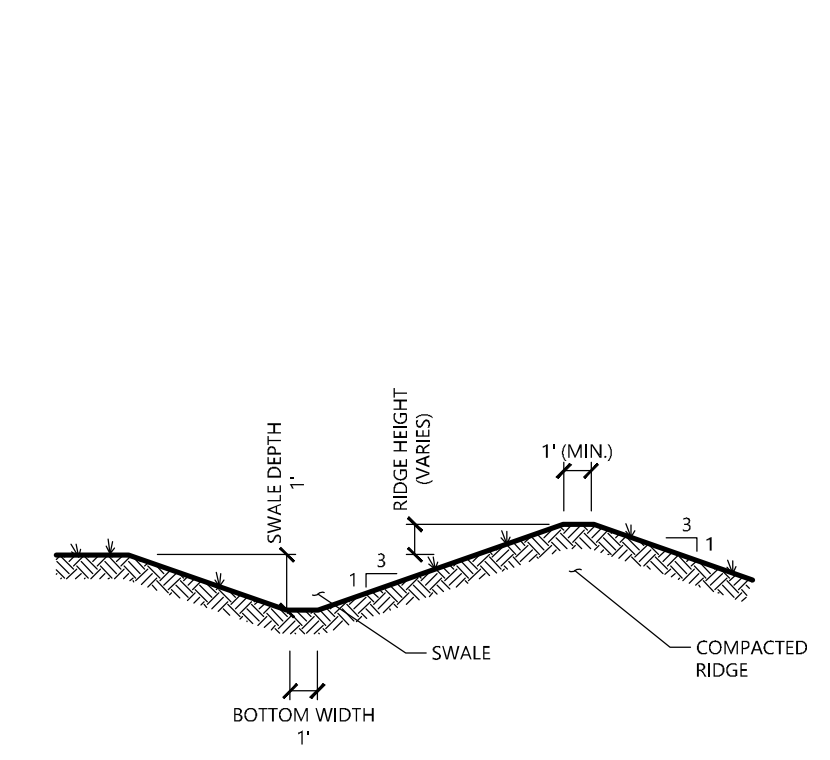




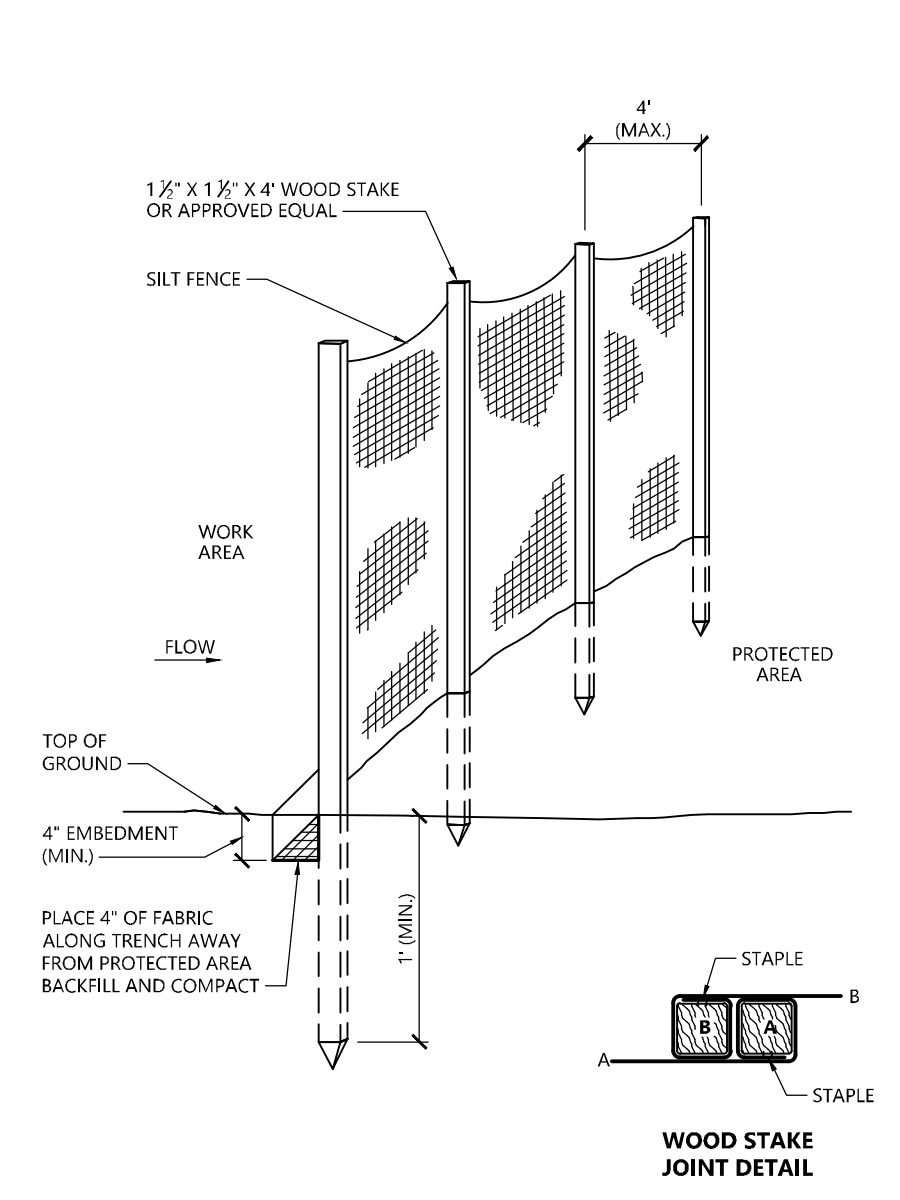
100 Great Meadow Road  
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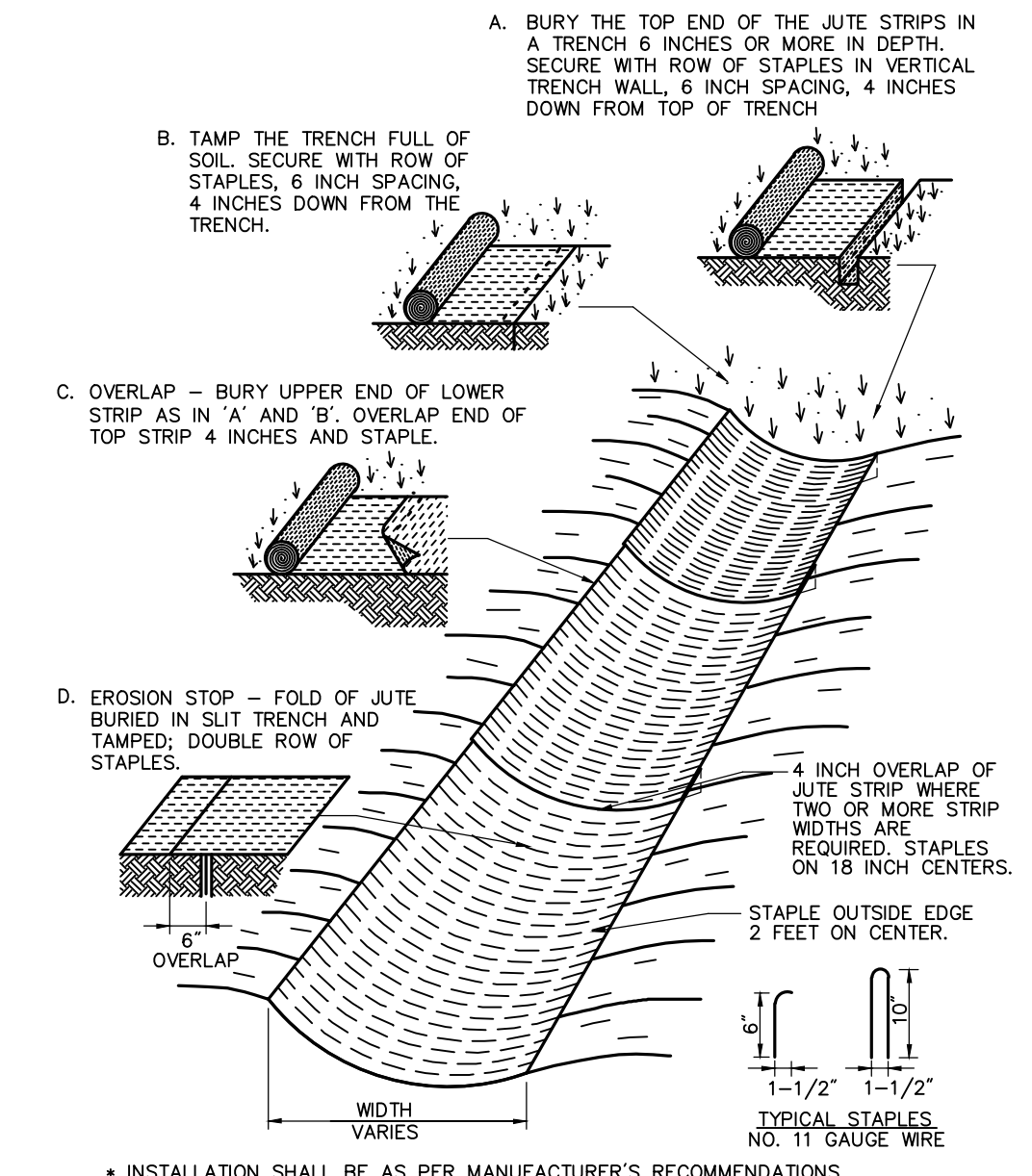
**Straw Wattle Installation** 8/12  
N.T.S. Source: VHB LD\_658



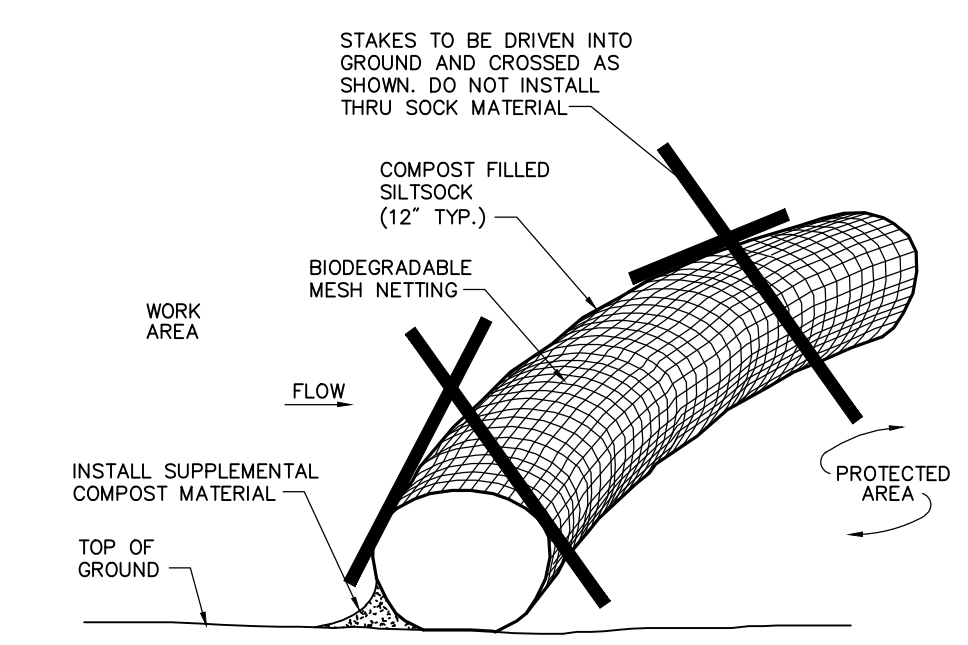
**Diversion Swale** 8/12  
N.T.S. Source: VHB LD\_658



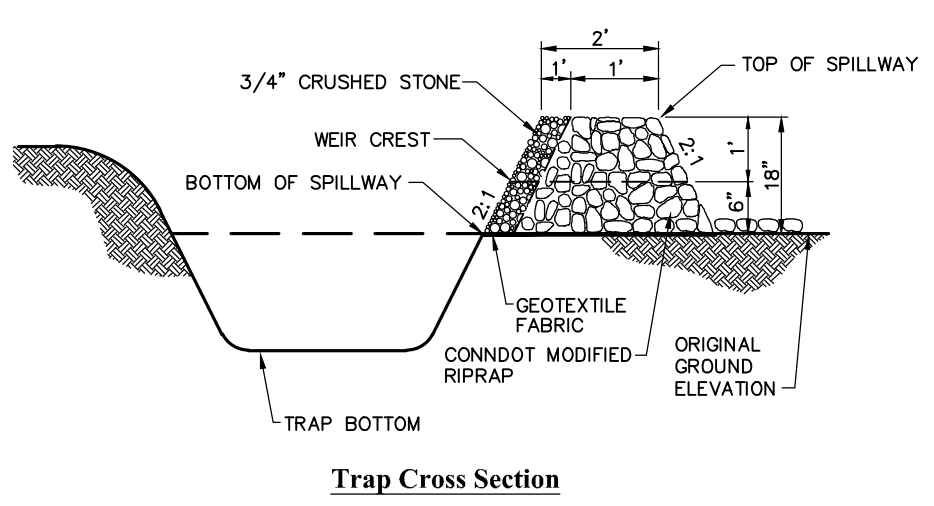
**Silt Fence Barrier** 1/16  
N.T.S. Source: VHB LD\_650



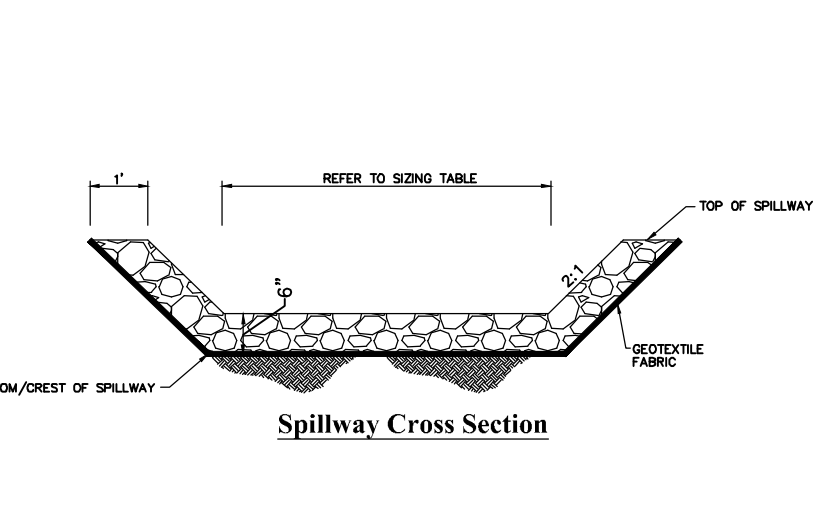
**Erosion Control Blanket (ECB) Swale Installation** 6/08  
N.T.S. Source: VHB LD\_681



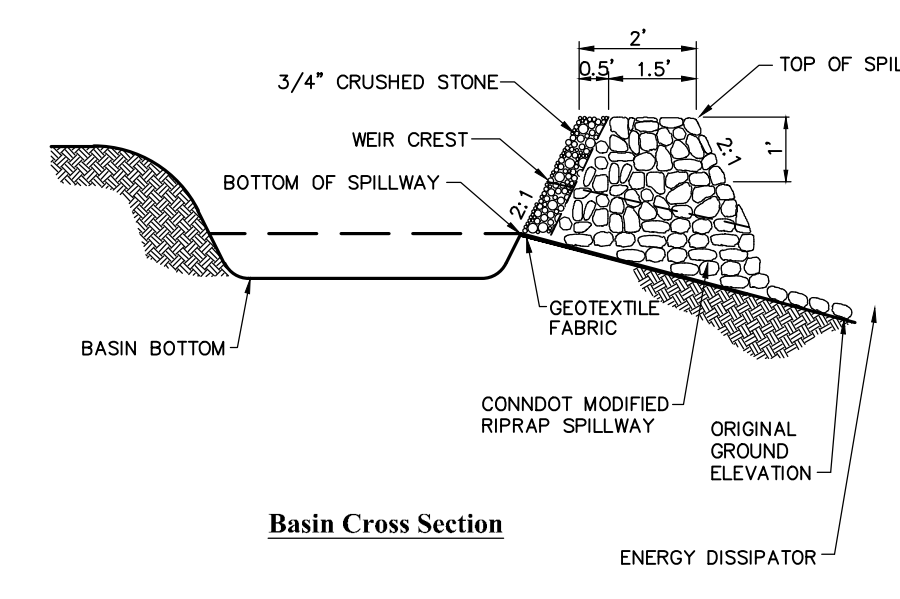
**Compost Filter Sock (CFS)** 8/12  
N.T.S. Source: VHB LD\_658



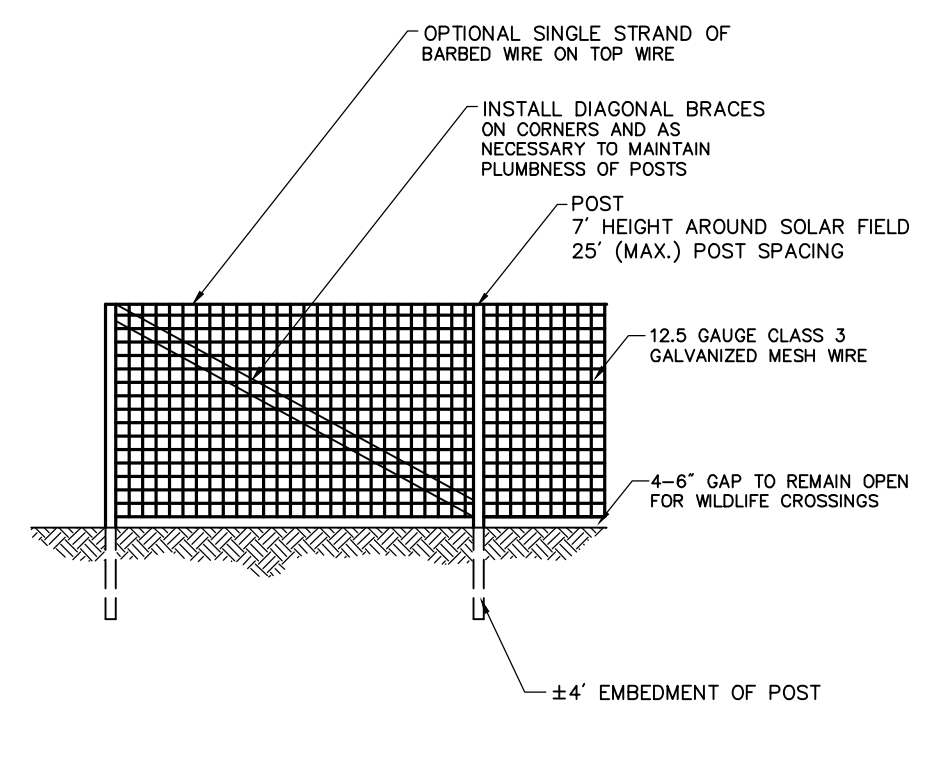
**Sediment Trap (TST)** 8/12  
N.T.S. Source: VHB LD\_658



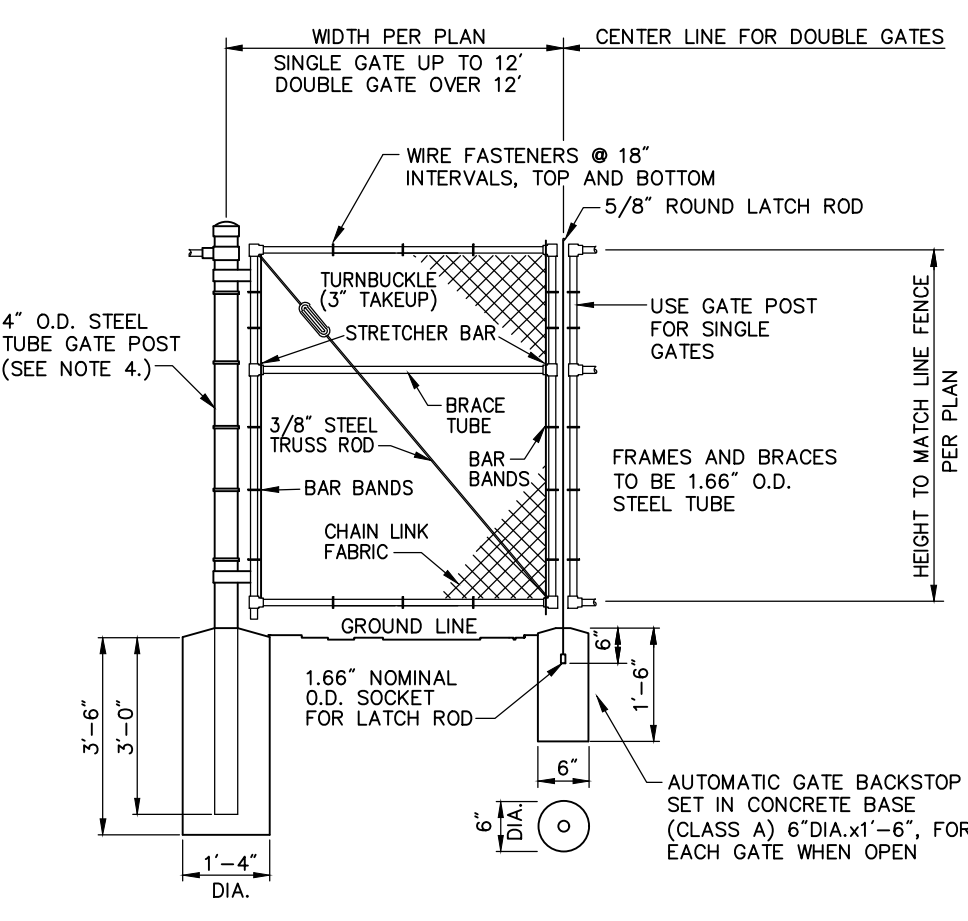
**Stormwater Basin Spillway** 8/12  
N.T.S. Source: VHB LD\_658



**Permanent Stormwater Basin** 8/12  
N.T.S. Source: VHB LD\_658



**Agricultural Fence** 6/08  
N.T.S. Source: By Others REV LD\_480

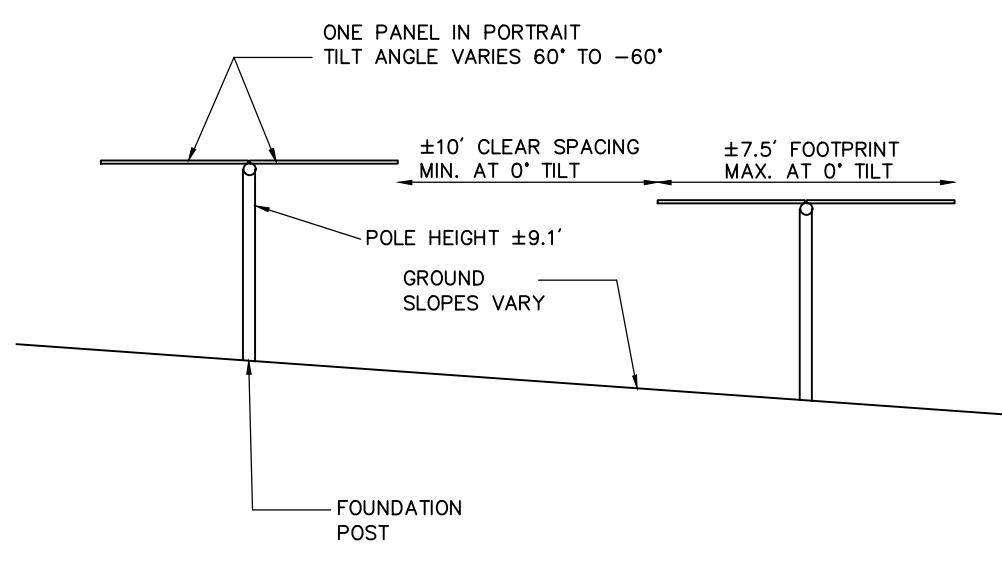


**Chain Link Fence Gate** 6/08  
N.T.S. Source: VHB LD\_482



PHOTOVOLTAIC INSTALLATION  
Site Location: 17 Wickham Road, Glastonbury, CT 06473  
Owner: Verogy  
Attn: Brad Parsons  
124 LaSalle Road, 2nd Floor  
West Hartford, CT 06107  
IN CASE OF EMERGENCY CALL 911  
GLASTONBURY POLICE DEPARTMENT - (860) 633-8301

**Danger and Site Facility Signs** 1/16  
N.T.S. Source: VHB



**Cross Section of Tracking Panel Array** 7/20  
N.T.S. Source: VHB

**Glastonbury Solar One**  
17 Wickham Rd  
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No.	Revision	Date	Appd.

Designed by DRB Checked by SJK  
Issued for \_\_\_\_\_ Date \_\_\_\_\_

Application November 16, 2023

Not Approved for Construction  
Drawing Title  
**Site Details**  
Drawing Number

C-5.0

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5 5





**LEGEND**

—	LOCUS PROPERTY LINE	□	CONC. BOUND FOUND
- - -	ABUTTERS PROPERTY LINE	○	IRON PIPE OR ROD FOUND
- · - · -	EASEMENT LINE	△	CALCULATED POINT
- · - - -	2' CONTOUR LINE	⊕	UTILITY POLE
—	TRUNK LINK	⊞	CATCH BASIN
—	DRIP LINE		
—	ZONING LINE		
—	OVERHEAD WIRES		
—	WIRE FENCE		
—	YELLOW PAINT LINE		
—	WHITE PAINT LINE		
—	WETLAND DELINEATION		

**NORTHEAST SURVEY CONSULTANTS**  
 3 FERRY STREET  
 EASTHAMPTON, MA 01027  
 (413) 203-5144

**EXISTING CONDITIONS**

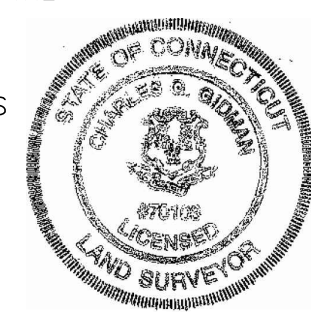
SURVEYOR:	CGG	ENGINEER:	—
DRAFTING:	JDG	DESIGN:	—
FIELD WORK:	CRC	MAK	HORZ. SCALE: 1" = 70'
PROJECT NUMBER:	23-155	VERT. SCALE:	—
DRAWING NAME:	23-155.DWG	DATE:	9-12-2023

THIS SURVEY 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 ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON SEPTEMBER 26, 1997.

TYPE OF SURVEY: IMPROVEMENT LOCATION SURVEY  
 BOUNDARY SURVEY CATEGORY: DEPENDENT RESURVEY  
 CLASS OF ACCURACY: HORIZONTAL CLASS A-2  
 VERTICAL CLASS V-2  
 TOPOGRAPHIC CLASS T-2  
 PURPOSE OF SURVEY: PROPOSED SOLAR FACILITY

THIS DOCUMENT AND COPIES THEREOF ARE VALID ONLY IF THEY BEAR THE LIVE SIGNATURE AND EMBOSSED SEAL OF THE DESIGNATED PROFESSIONAL. UNAUTHORIZED ALTERATIONS RENDER ANY DECLARATION NULL AND VOID.

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



*Charles G. Gidman*  
 CHARLES G. GIDMAN, P.L.S. #70103



BUILDINGS, ROADS, GRAVES AND OTHER DETAILS ARE NOT SHOWN FOR THIS PORTION OF THE LOCUS PARCEL

- NOTES:**
1. FIELD SURVEY BY RTK GPS & RTK DRONE IN JULY & AUGUST 2023.
  2. THE HORIZONTAL DATUM IS NAD83. THE VERTICAL DATUM IS NAVD88. BOTH WERE DERIVED FROM RTK GPS OBSERVATIONS TAKEN ON SITE.
  3. THE LOCATIONS OF UTILITIES SHOWN HEREON ARE THE RESULT OF SURFACE EVIDENCE ONLY. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION OF THESE UTILITIES AND MAY NOT SHOW ALL OF THE UTILITIES WHICH EXIST WITHIN THE PREMISES SURVEYED. CONTACT DIG-SAFE AT 1-888-344-7233 BEFORE EXCAVATION.
  4. THE LOCUS PARCEL IS LOCATED IN THE TOWN OF GLASTONBURY RURAL RESIDENCE ZONING DISTRICT.
  5. ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE PROPOSED FACILITY IS LOCATED IN AN AREA DESIGNATED AS "ZONE X" (AREAS OF MINIMAL FLOODING); COMMUNITY PANEL NO. 09003C 0529 F & 09003C 0531 F, EFFECTIVE ON 9/26/2008.
  6. WETLANDS SHOWN HEREON WERE DELINEATED AND LOCATED BY VHB ON 9/1/2023.
  7. ALL CONTOURS SHOWN HEREON WERE GENERATED IN QGIS FROM DIGITAL ELEVATION MODELS OF THE 2016 CRCOG LIDAR DATA COLLECTED BY USGS AND DISTRIBUTED BY NOAA.

**PLAN OF LAND IN GLASTONBURY, CT  
 17 WICKHAM ROAD**  
 PREPARED FOR  
**VEROGY**

SHEET NO. **1** OF **1**