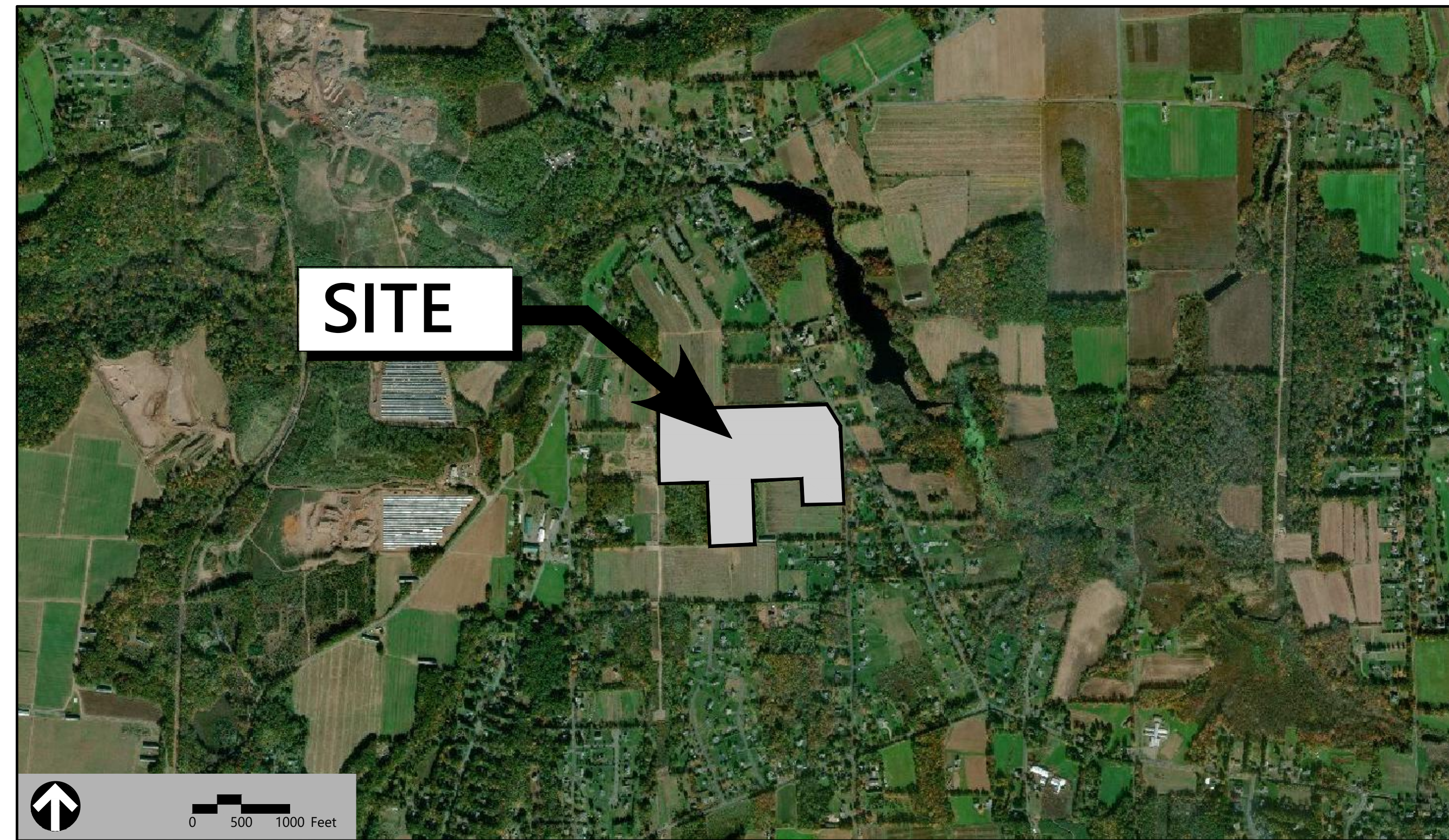


Site Plans

Issued for	Application
Date Issued	October 5, 2020
Latest Issue	October 5, 2020

Photovoltaic Installation

Rockville Road
East Windsor, Connecticut



100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300

Licensed Land Surveyor

Northeast Survey Consultants
116 Pleasant St. Suite 302
P.O. Box 109
Easthampton, MA 01027
413-203-5144

Applicant

Greenskies Clean Energy, LLC
180 Johnson Street
Middletown, CT 06457

Map / Block / Lot:

029 / 68 / 010

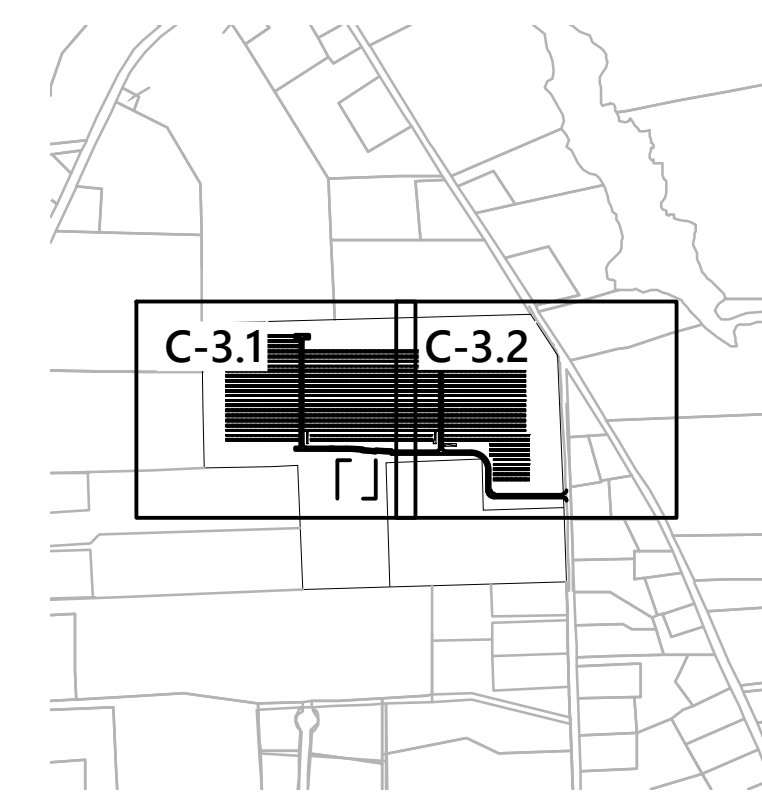
Owner

Leonard A. Mulnite Revocable Trust Agreement
& Donna L. Mulnite Revocable Trust Agreement
28 Miller Road
Broad Brook, CT 06016

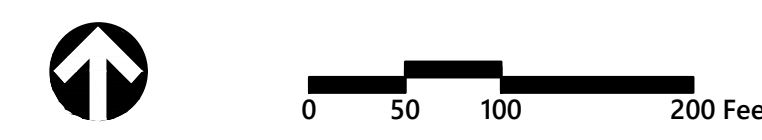
Sheet Index			Reference Drawings		
No.	Drawing Title	Latest Issue	No.	Drawing Title	Latest Issue
C-1.0	Legend and General Notes	October 5, 2020	19-119	Property Survey	December 19, 2019
C-2.0	Key Plan	October 5, 2020	L-1.1	Planting Plan Notes and Details	October 5, 2020
C-3.0	Layout and Materials Plan - Overall	October 5, 2020			
C-3.1-3.2	Layout and Materials Plan 1 and 2	October 5, 2020			
C-4.0	Grading and Drainage Plan - Overall	October 5, 2020			
C-4.1-4.2	Grading and Drainage Plan 1 and 2	October 5, 2020			
C-5.0	Erosion and Sediment Control Plan - Overall	October 5, 2020			
C-5.1-5.2	Erosion and Sediment Control Plan 1 and 2	October 5, 2020			
C-6.1-6.2	Site Details	October 5, 2020			



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Key
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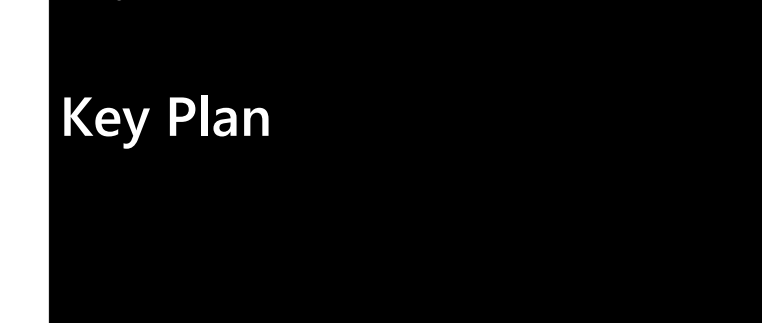
Photovoltaic Installation

Rockville Road
East Windsor, Connecticut

No.	Revision	Date	Apprd.
1	CSC Comments	10/5/2020	SJK

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JDW	SJK
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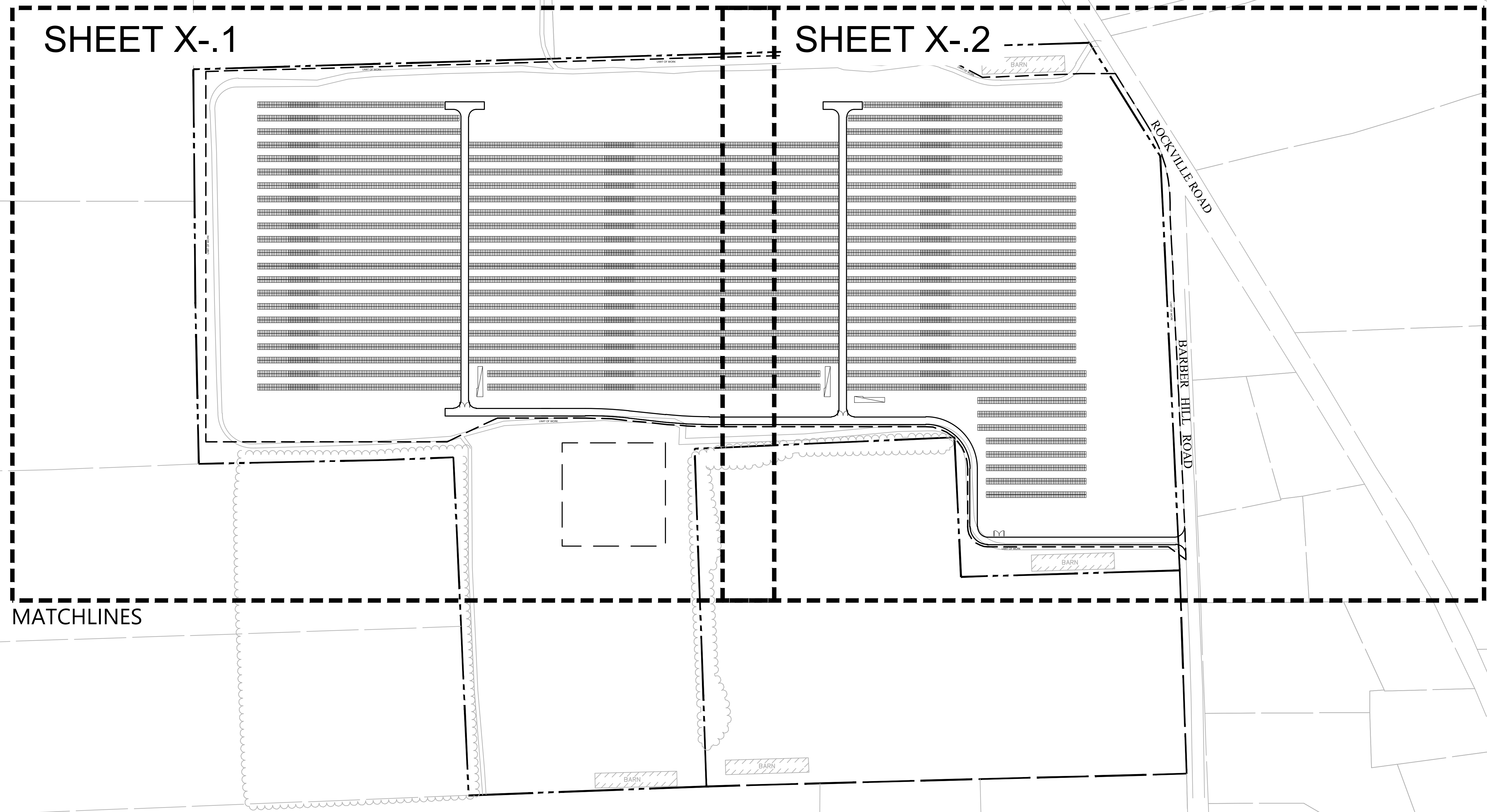


Drawing Number

C-2

Sheet 2 of 13

Project Number
42518.01



SHEET X-1

SHEET X-2

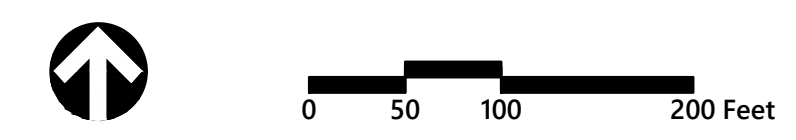
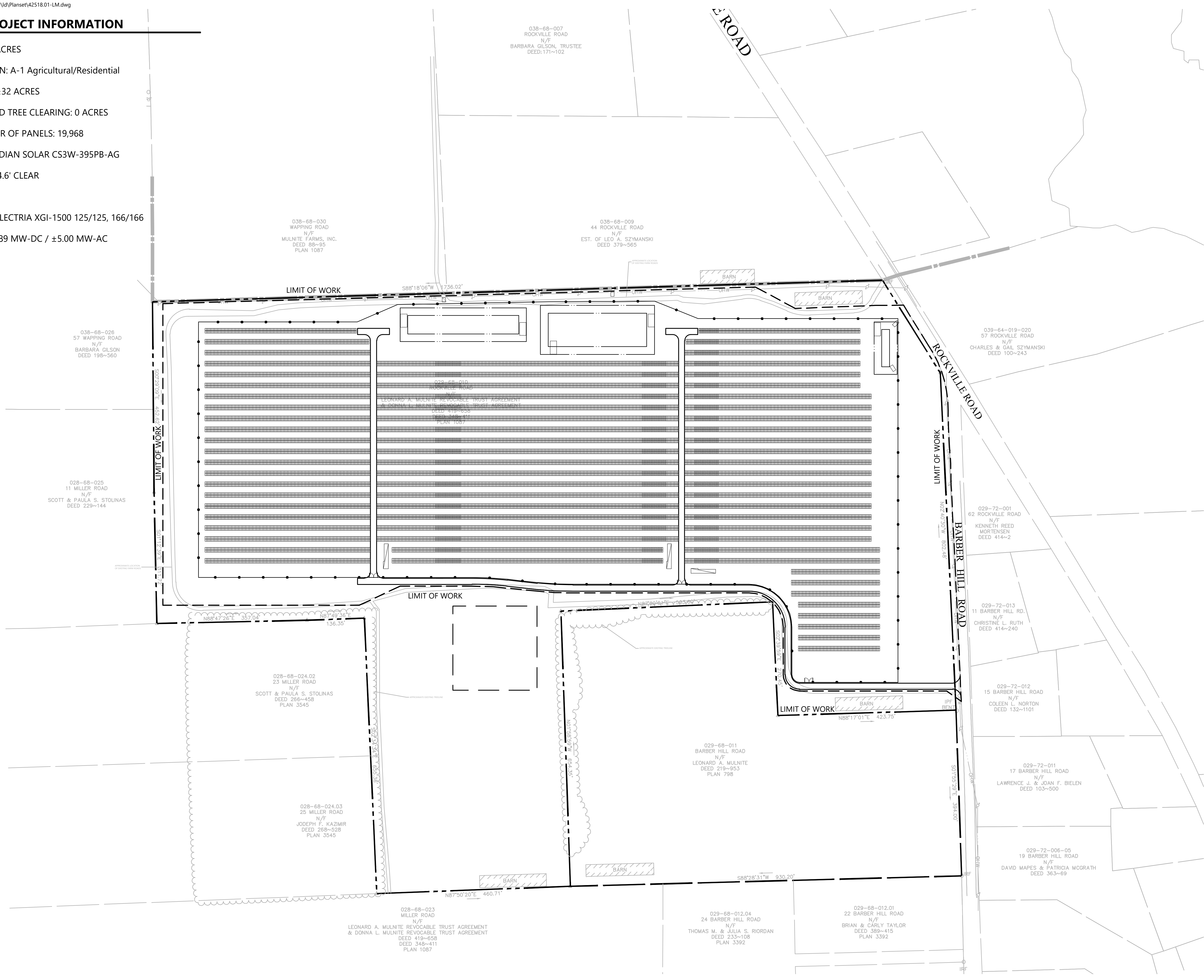
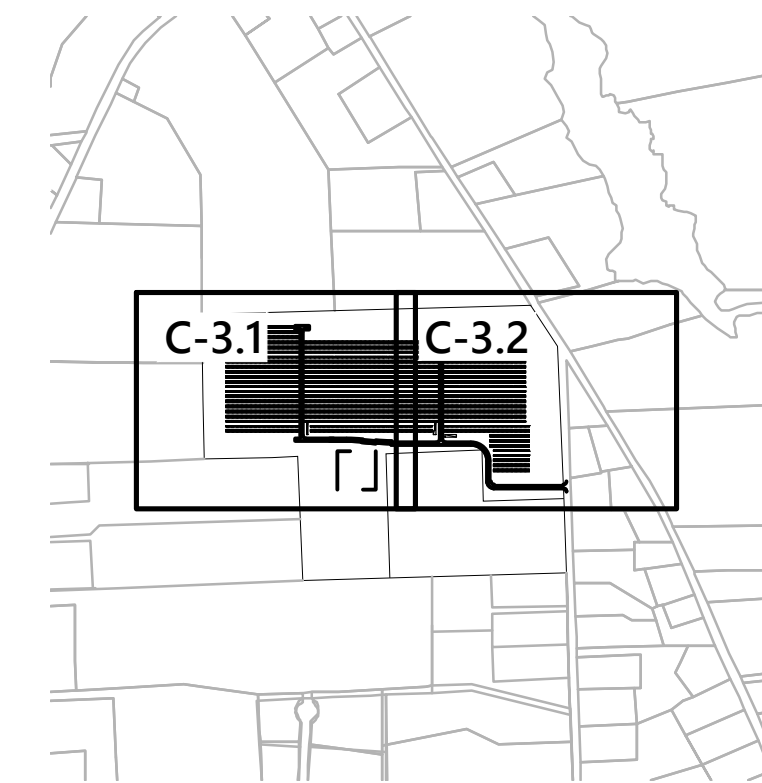
MATCHLINES

PROJECT INFORMATION

PARCEL SIZE: ±54 ACRES
 ZONE DESIGNATION: A-1 Agricultural/Residential
 LIMITS OF WORK: ±32 ACRES
 AREA OF PROPOSED TREE CLEARING: 0 ACRES
 PROPOSED NUMBER OF PANELS: 19,968
 PANEL TYPE: CANADIAN SOLAR CS3W-395PB-AG
 ROW SPACING: ±14.6' CLEAR
 TILT ANGLE: 30°
 INVERTER TYPE: SOLECTRIA XGI-1500 125/125, 166/166
 SYSTEM POWER: 7.89 MW-DC / ±5.00 MW-AC



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Layout and Materials Plan - Overall

Drawing Number

C-3.0

Sheet 3 of 13

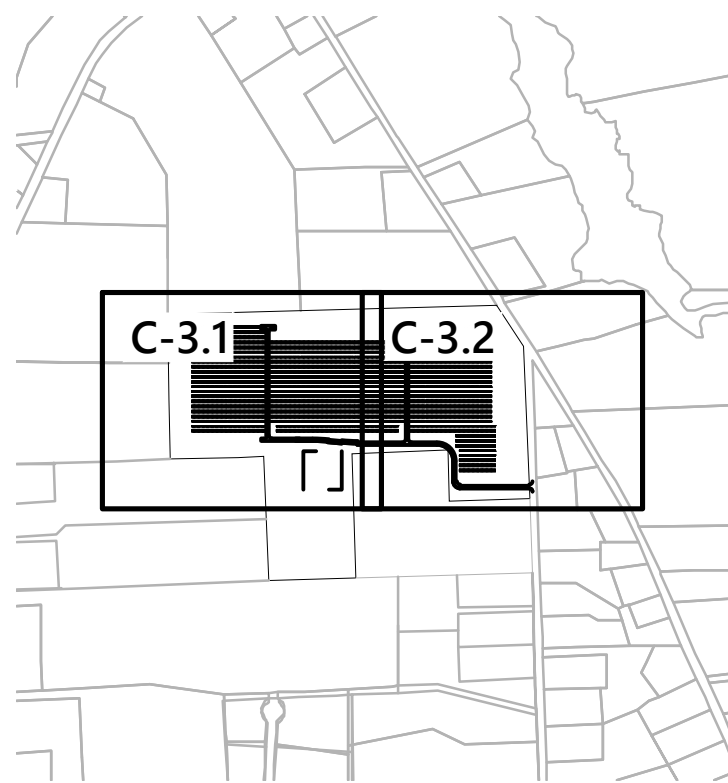
Project Number
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ADDITIONAL NOTES

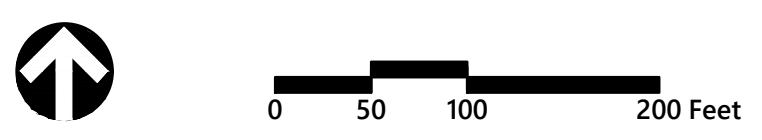
NO REGRADING WITHIN LIMITS OF SOLAR ARRAY IS PROPOSED WITH THE EXCEPTION OF PERMANENT SWALES OR PERMANENT STORMWATER BASINS



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Photovoltaic Installation Rockville Road East Windsor, Connecticut

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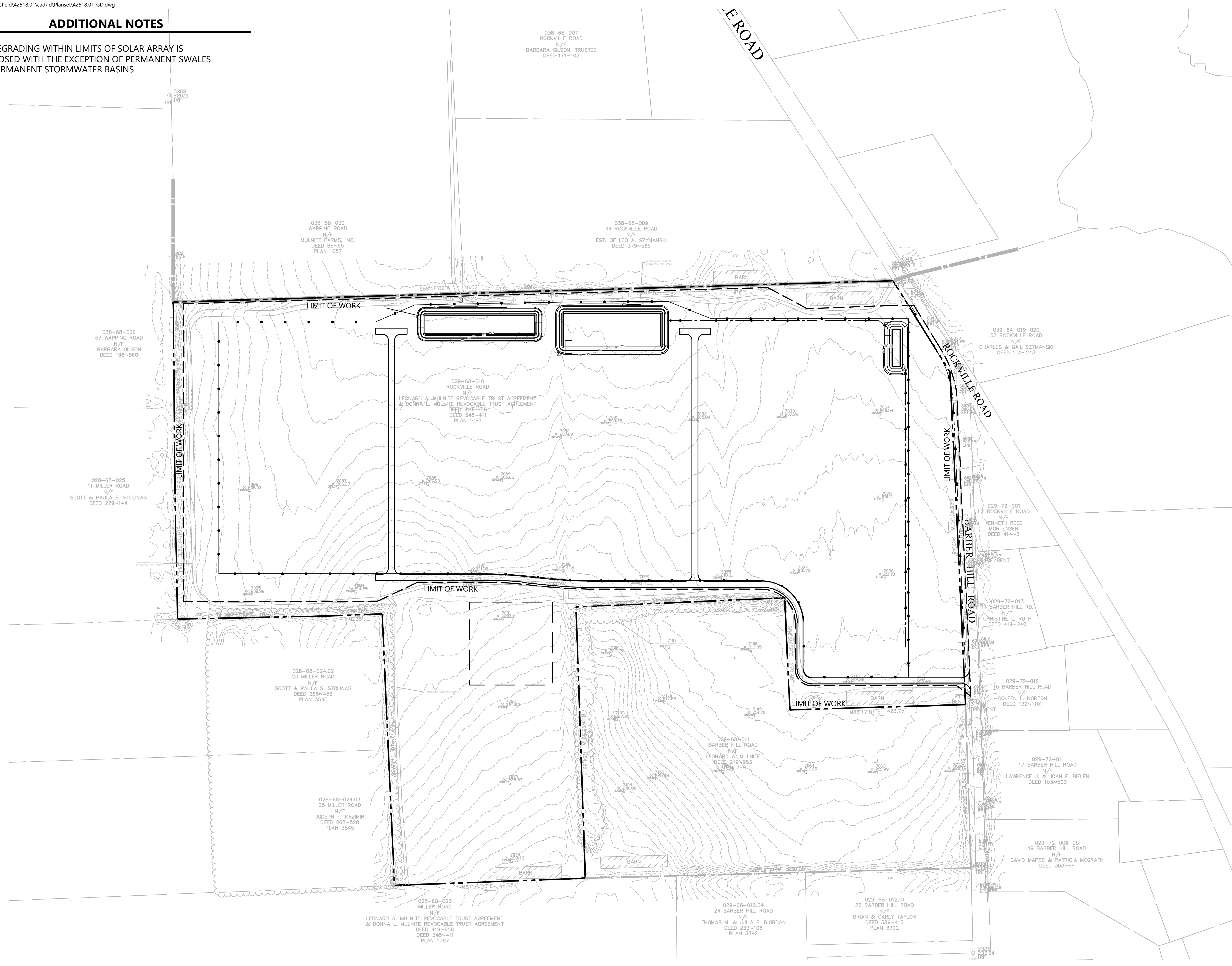
Grading and Drainage Plan - Overall

Drawing Number

C-4.0

Sheet 6 of 13

Project Number
42518.01



5303
180.11
IRP

038-68-030
WAPPING ROAD
N/F
MULNITE FARMS, INC.
DEED 88-95
PLAN 1087

038-68-007
ROCKVILLE ROAD
N/F
BARBARA GILSON, TRUSTEE
DEED:171-102

038-68-009
44 ROCKVILLE ROAD
N/F
EST. OF LEO A. SZYMANSKI
DEED 379-565

038-68-026
57 WAPPING ROAD
N/F
BARBARA GILSON
DEED 198-580

039-64-019-020
57 ROCKVILLE ROAD
N/F
CHARLES & GAIL SZYMANSKI
DEED 100-243

029-68-010
ROCKVILLE ROAD
N/F
LEONARD A. MULNRITE REVOCABLE TRUST AGREEMENT
& DONNA L. MULNRITE REVOCABLE TRUST AGREEMENT
DEED 419-658
DEED 348-411
PLAN 1087

028-68-025
11 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 229-144

029-72-001
62 ROCKVILLE ROAD
N/F
KENNETH REED
WORTENSEN
DEED 414-2

LIMIT OF WORK

028-68-024.02
23 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 286-458
PLAN 3545

029-72-013
BARBER HILL RD.
N/F
CHRISTINE L. RUTH
DEED 414-240

029-72-012
15 BARBER HILL ROAD
N/F
COLEEN L. NORTON
DEED 132-1101

028-68-024.03
25 MILLER ROAD
N/F
JOSEPH F. KAZIMIR
DEED 268-528
PLAN 3545

029-72-011
17 BARBER HILL ROAD
N/F
LAWRENCE J. & JOAN F. BIJLEN
DEED 103-500

029-72-006-05
19 BARBER HILL ROAD
N/F
DAVID MAPES & PATRICIA MCGRATH
DEED 363-69

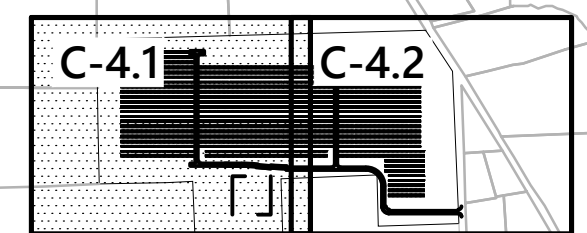
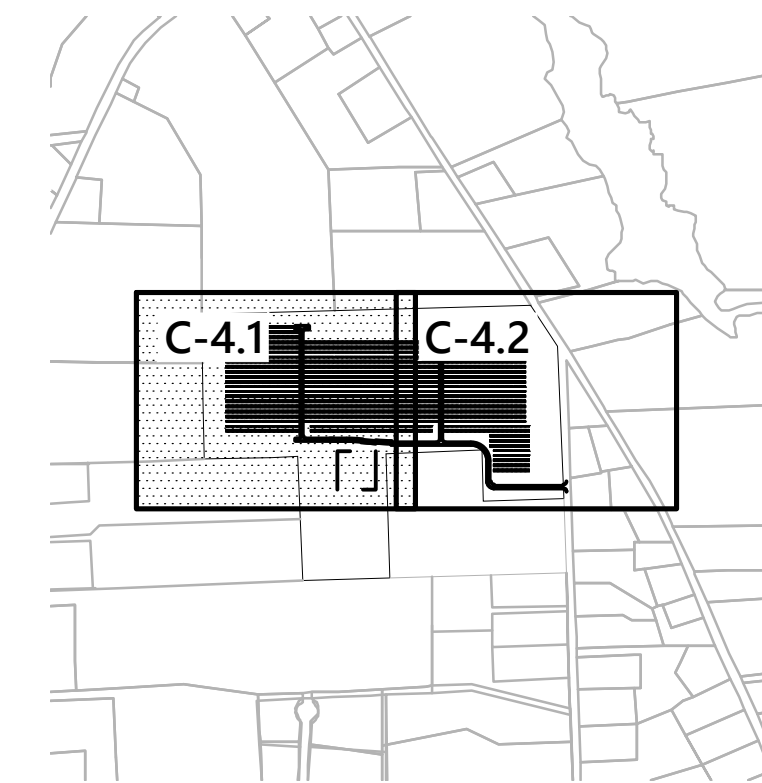
028-68-023
MILLER ROAD
N/F
LEONARD A. MULNRITE REVOCABLE TRUST AGREEMENT
& DONNA L. MULNRITE REVOCABLE TRUST AGREEMENT
DEED 419-658
DEED 348-411
PLAN 1087

029-68-012.04
24 BARBER HILL ROAD
N/F
THOMAS M. & JULIA S. RIORDAN
DEED 233-108
PLAN 3392

029-68-012.01
22 BARBER HILL ROAD
N/F
BRIAN & CARLY TAYLOR
DEED 389-415
PLAN 3392



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Grading and
Drainage Plan

Drawing Number

C-4.1

Sheet 7 of 13

Project Number
42518.01

038-68-026
57 WAPPING ROAD
N/F
BARBARA GILSON
DEED 198~560

028-68-025
11 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 229~144

028-68-024.02
23 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 266~458
PLAN 3545

029-68-010
ROCKVILLE ROAD
N/F
LEONARD A. MULNITE REVOCABLE TRUST AGREEMENT
& DONNA L. MULNITE REVOCABLE TRUST AGREEMENT
DEED 419~658
DEED 348~411
PLAN 1087

PERMANENT SWALE 1-1.
REFER TO SIZING TABLE
FOR DIMENSIONS.

PROPOSED RIPRAP
SPILLWAY 1. REFER
TO SIZING TABLE
FOR DIMENSIONS.

PERMANENT
STORMWATER BASIN 1.
REFER TO SIZING TABLE
FOR DIMENSIONS.

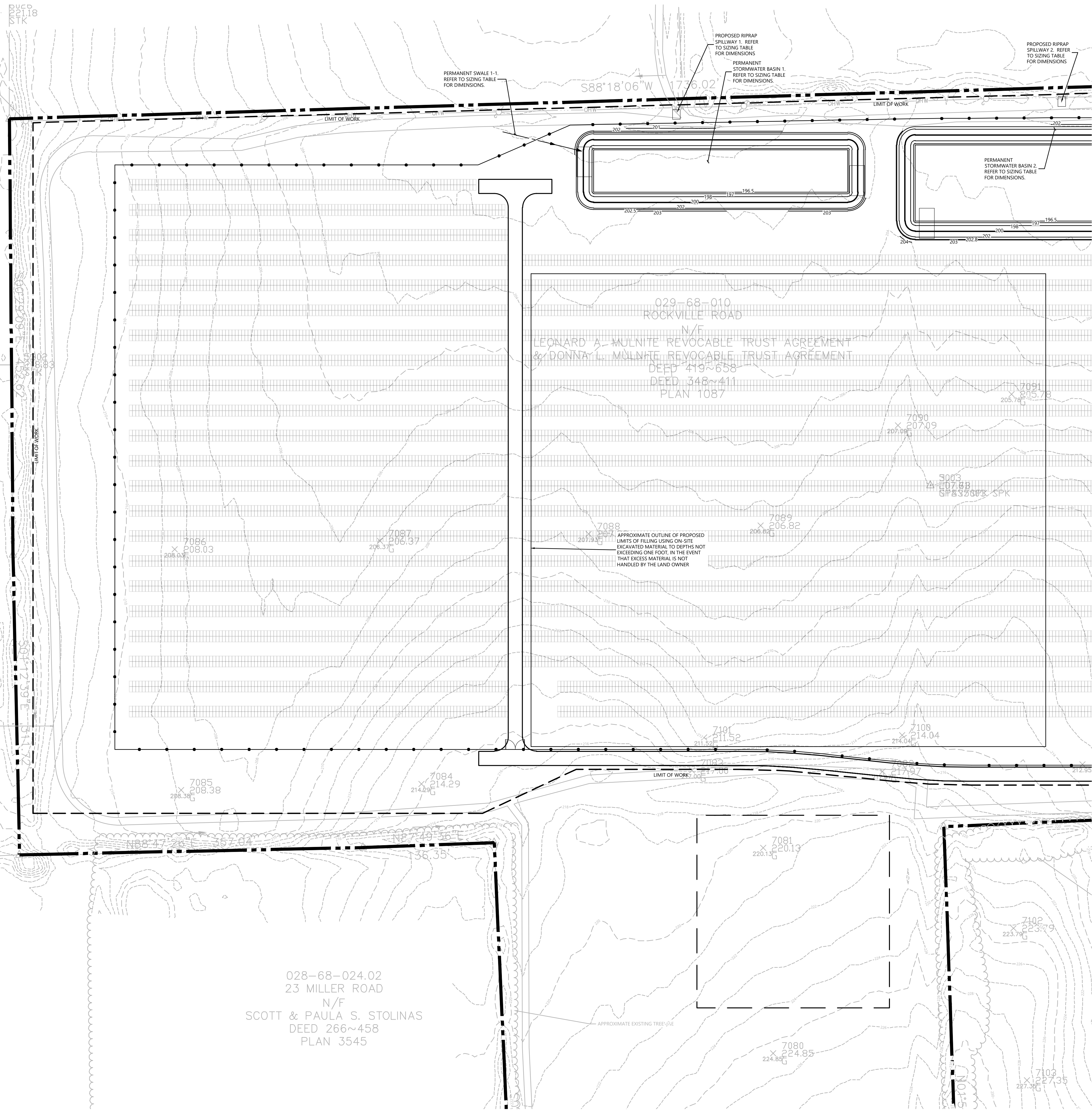
PROPOSED RIPRAP
SPILLWAY 2. REFER
TO SIZING TABLE
FOR DIMENSIONS.

PERMANENT
STORMWATER BASIN 2.
REFER TO SIZING TABLE
FOR DIMENSIONS.

APPROXIMATE OUTLINE OF PROPOSED
LIMITS OF FILLING USING ON-SITE
EXCAVATED MATERIAL TO DEPTHS NOT
EXCEEDING ONE FOOT, IN THE EVENT
THAT EXCESS MATERIAL IS NOT
HANDLED BY THE LAND OWNER

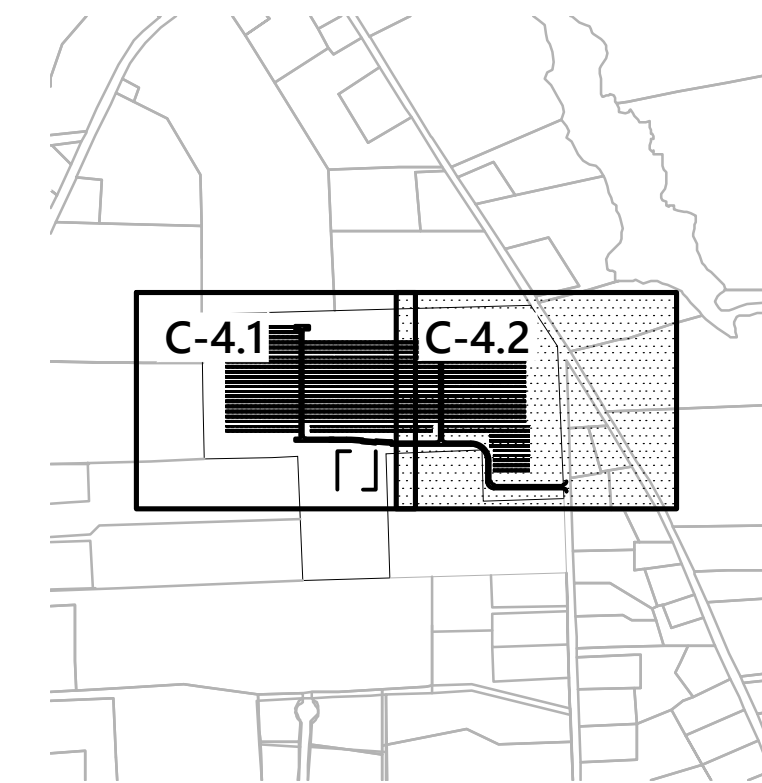
APPROXIMATE LOCATION
OF EXISTING FARM ROADS

APPROXIMATE EXISTING TREE-LINE

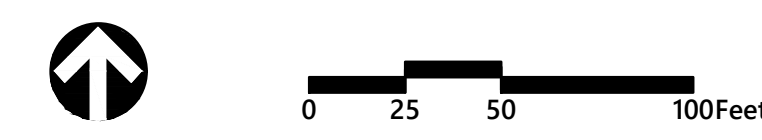
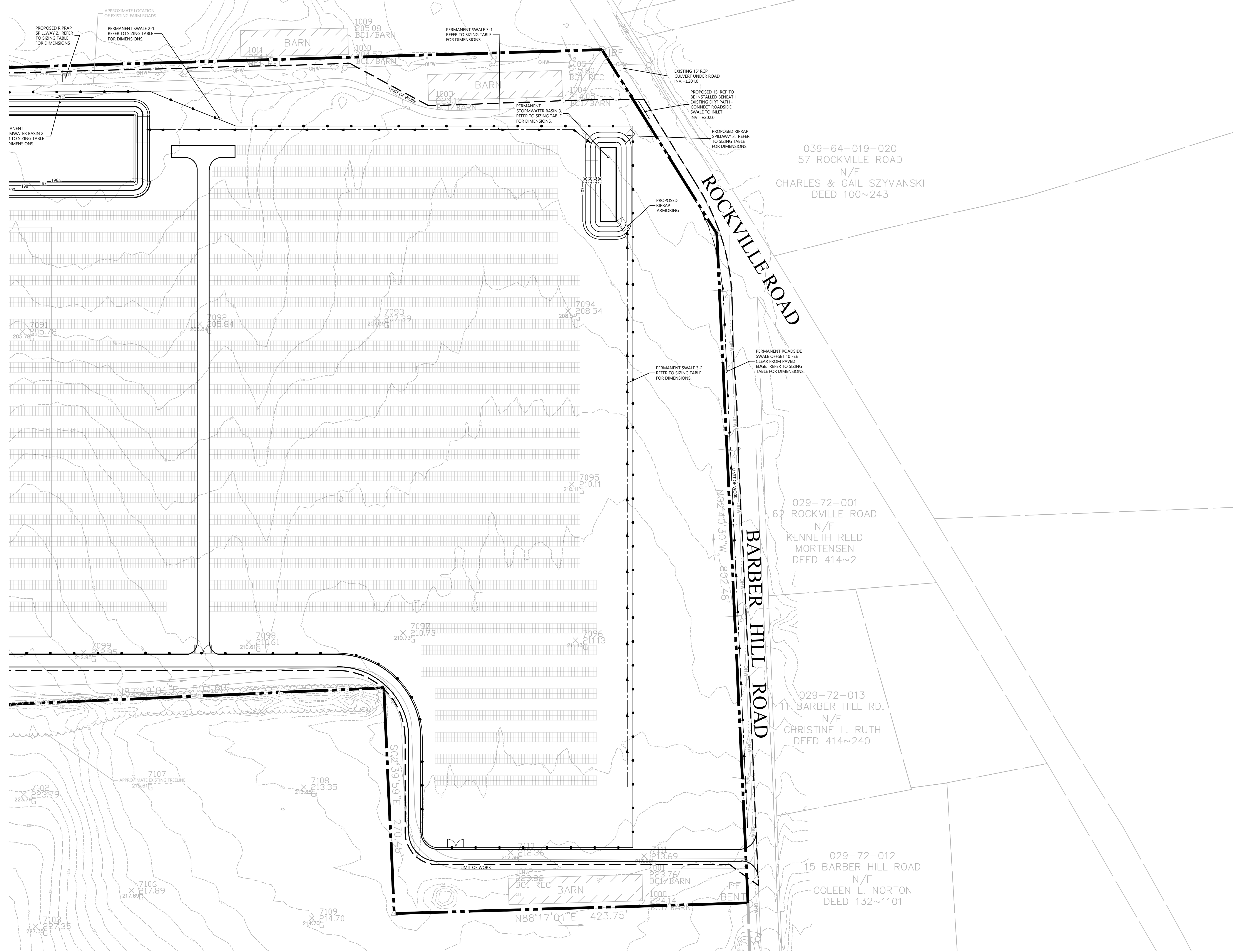




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Photovoltaic Installation
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**Grading and
Drainage Plan**

Drawing Number

C-4.2

Sheet 8 of 13

Project Number
42518.01

CONSTRUCTION SEQUENCING

ALL CONSTRUCTION ACTIVITIES ARE EXPECTED TO BEGIN IN THE SPRING/SUMMER OF 2021 AND COMPLETED BY THE END OF 2021. THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:

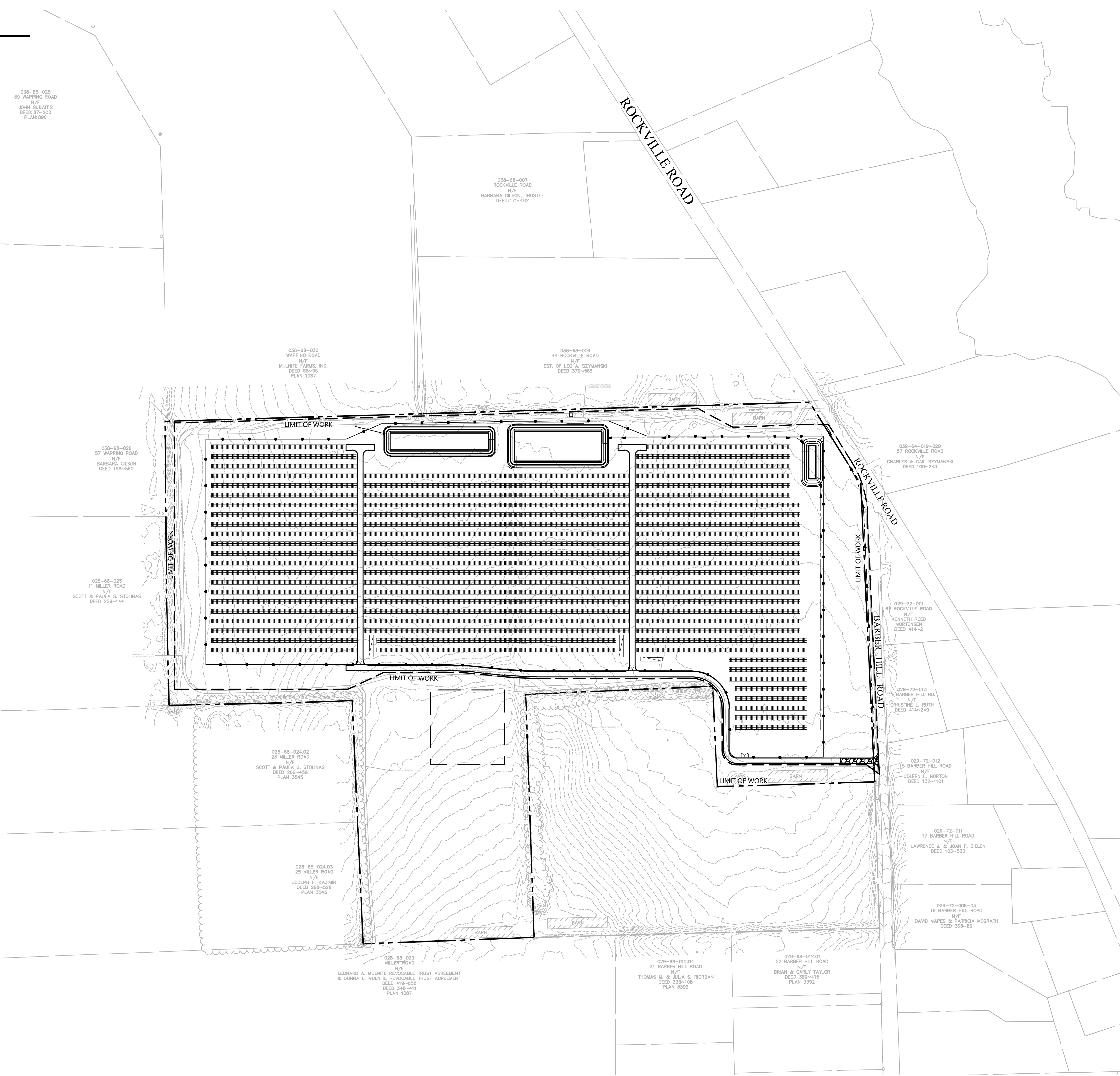
1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, WETLANDS AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. DESIGNATED ACCESS DRIVES MUST BE USED TO THE MAXIMUM EXTENTS POSSIBLE.
2. A 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. IT IS ALSO ANTICIPATED THAT REPRESENTATIVES FROM CTDEEP AND/OR THE STATE CONSERVATION DISTRICT WILL PERFORM PERIODIC INSPECTIONS.
3. ENGINEER OF RECORD SHALL PERFORM THREE (3) MONTHLY PLAN IMPLEMENTATION INSPECTIONS WITHIN THE FIRST 90 DAYS OF CONSTRUCTION ACTIVITY, AS REQUIRED BY CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION.
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 EAST WINDSOR WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION. CONTRACTOR SHALL ADHERE TO 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.
6. THE CONTRACTOR SHALL FLAG THE LIMITS OF CLEARING NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
7. THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, CTDEEP, TOWN OF EAST WINDSOR, 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 EAST WINDSOR 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 6:30 AM AND 5:00 PM.

PRE-CONSTRUCTION SITE PROTECTION SEQUENCE

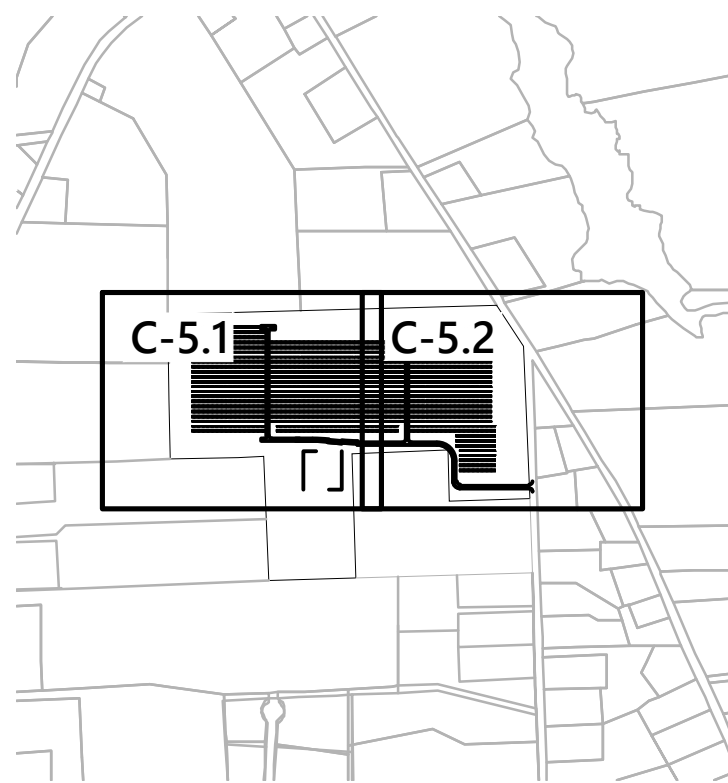
1. INSTALL STABILIZED VEHICLE CONSTRUCTION EXIT AT THE EXISTING ROAD INTERSECTING WITH BARBER HILL ROAD.
2. ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
3. INSTALL ENTRENCHED SILT FENCE FOLLOWING STANDARDS OF THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL. PERIMETER SILT FENCE SHALL BE MAINTAINED IN PERPETUITY UNTIL COMPLETION OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILLING AND GRADING GULLIES. TRACK GULLIES UP AND DOWN SLOPE AND HYDROSEED WITH A THERMALLY-TREATED WOOD BONDED FIBER MATRIX (BFM) MULCH WITH TACKIFIER. A STAPLED BIODEGRADABLE EROSION CONTROL BLANKET WITHOUT MONOFILAMENT MESH IS AN ACCEPTABLE ALTERNATIVE FOR HYDROSEED AND BFM.
5. INSTALL TEMPORARY SEDIMENT TRAPS IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC SWPCP 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.
6. SEED AND PROTECT DISTURBED SOILS AROUND SEDIMENT TRAPS AND BASINS WITHIN 10 DAYS OF COMPLETION. SECURE SEED WITH A THERMALLY-TREATED BFM APPLIED FOLLOWING MANUFACTURER'S SPECIFICATIONS FOR USE AT SPECIFIED APPLICATION RATES. AN ANIONIC POLYACRYLAMIDE PRODUCT MAY BE INCLUDED WITH THE TACKIFIER TO PROMOTE SOIL STABILITY. ALL OTHER AMENDMENTS SHOULD BE PRESCRIBED BASED ON THE RESULT OF SOIL TESTS.
7. INSTALL OTHER 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.
8. ESTABLISH DESIGNATED VEHICULAR TRAFFIC ACCESS ROADS (GRAVEL, OR COMPACTED NATIVE SOIL, PER PLANS) THAT SHALL BE USED AS PRIMARY ACCESSSES. EFFORTS MUST BE MADE TO MINIMIZE VEHICULAR TRAFFICKING ACROSS NON-DESIGNATED AREAS TO THE EXTENTS POSSIBLE.

CONSTRUCTION SEQUENCE

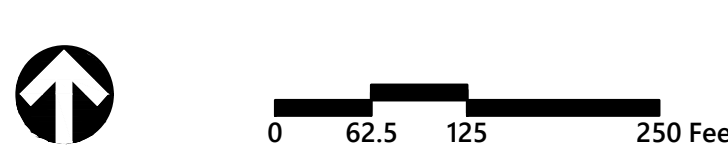
1. PERFORM MASS EARTHWORK ON THE SITE AND INSTALL PERIMETER FENCE TO SERVE AS CONSTRUCTION BARRIER. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM AREAS PROPOSED FOR REGRADING. REFER TO RESOURCE PROTECTION PLAN.
2. TOPSOIL SHALL BE REPLACED TO 3" MINIMUM DEPTH OVER REGRADED AREAS UPON COMPLETION OF MASS EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY MASS EARTHWORK OPERATIONS SHALL BE RESEED WITHIN 10 DAYS OF COMPLETION.
3. DRIVE PILES FOR SOLAR PANEL RACKING.
4. THE INSTALLATION OF RACKING SHALL FOLLOW THE PILE DRIVING BY ROUGHLY ONE WEEK STARTING FROM THE SAME POINT.
5. 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.
6. 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.
7. UPON COMPLETION OF CONSTRUCTION, RE-SEED ALL DISTURBED AREAS WITHIN 10 DAYS AND PREVENT VEHICULAR TRAFFICKING OVER THESE AREAS. INSTALL FINAL LANDSCAPING.
8. AFTER SITE IS STABILIZED, AND AFTER INSPECTION BY DESIGN ENGINEER, OR OTHER OWNER'S REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AS NEEDED.



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Drawing Title
Erosion and Sediment Control Plan - Overall

Drawing Number

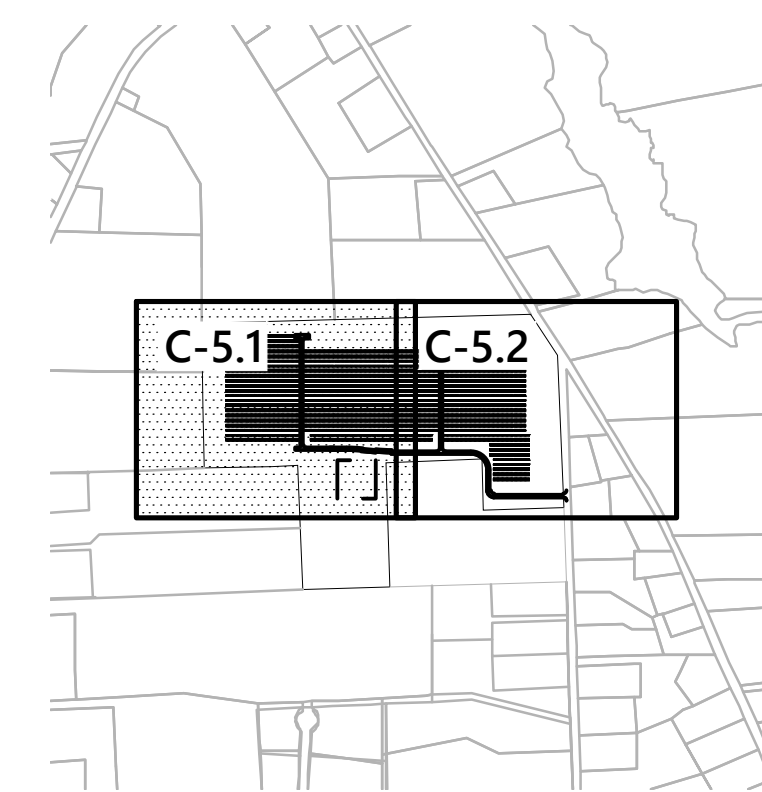
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Project Number
42518.01



100 Great Meadow Road
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038-68-026
57 WAPPING ROAD
N/F
BARBARA GILSON
DEED 198~560

028-68-025
11 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 229~144

028-68-024.02
23 MILLER ROAD
N/F
SCOTT & PAULA S. STOLINAS
DEED 266~458
PLAN 3545

APPROXIMATE LOCATION
OF EXISTING FARM ROADS

APPROXIMATE EXISTING TREE LINE

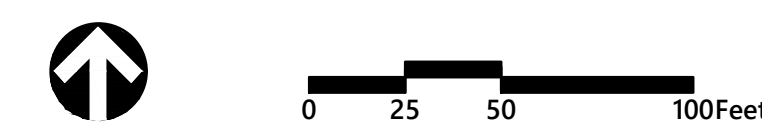
INSTALL E-FENCE IN LIEU
OF SILT FENCE AT
SPILLWAY OF BASIN (TYP)

INSTALL EROSION
CONTROL BLANKETS ON
INSIDE SIDE SLOPES OF
STORMWATER BASIN (TYP)

INSTALL E-FENCE IN LIEU
OF SILT FENCE AT
SPILLWAY OF BASIN (TYP)

INSTALL EROSION
CONTROL BLANKETS ON
INSIDE SIDE SLOPES OF
STORMWATER BASIN (TYP)

50 LF COMPOST
FILTER SOCK (TYP)



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JDW	SJK

Issued for: Application Date: May 29, 2020

Not Approved for Construction
Erosion and Sediment
Control Plan

Drawing Number

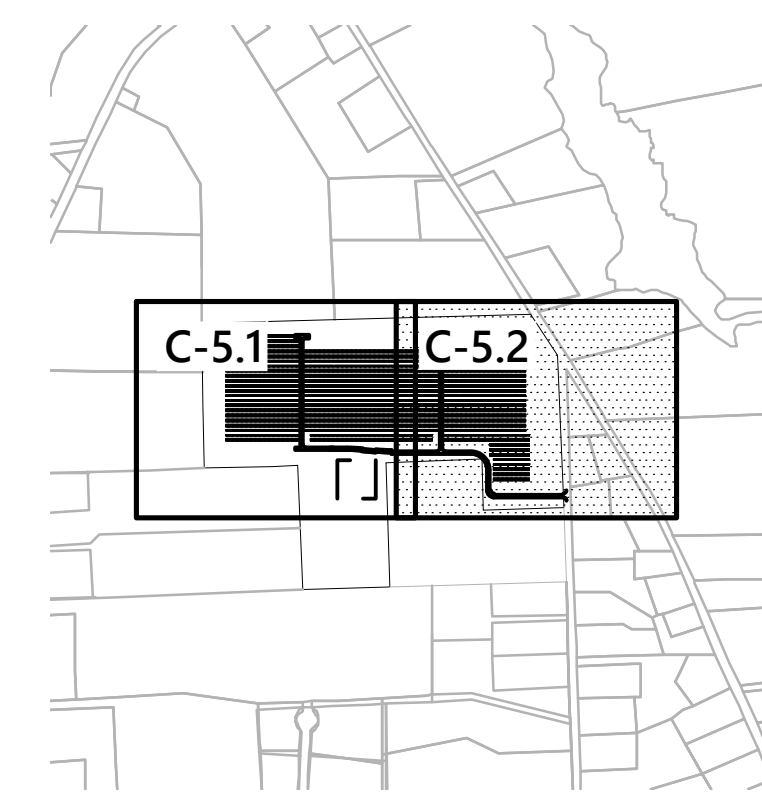
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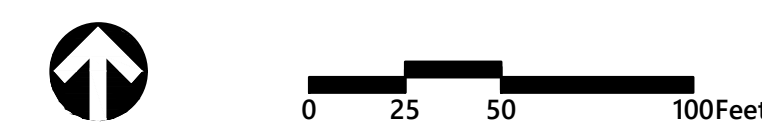
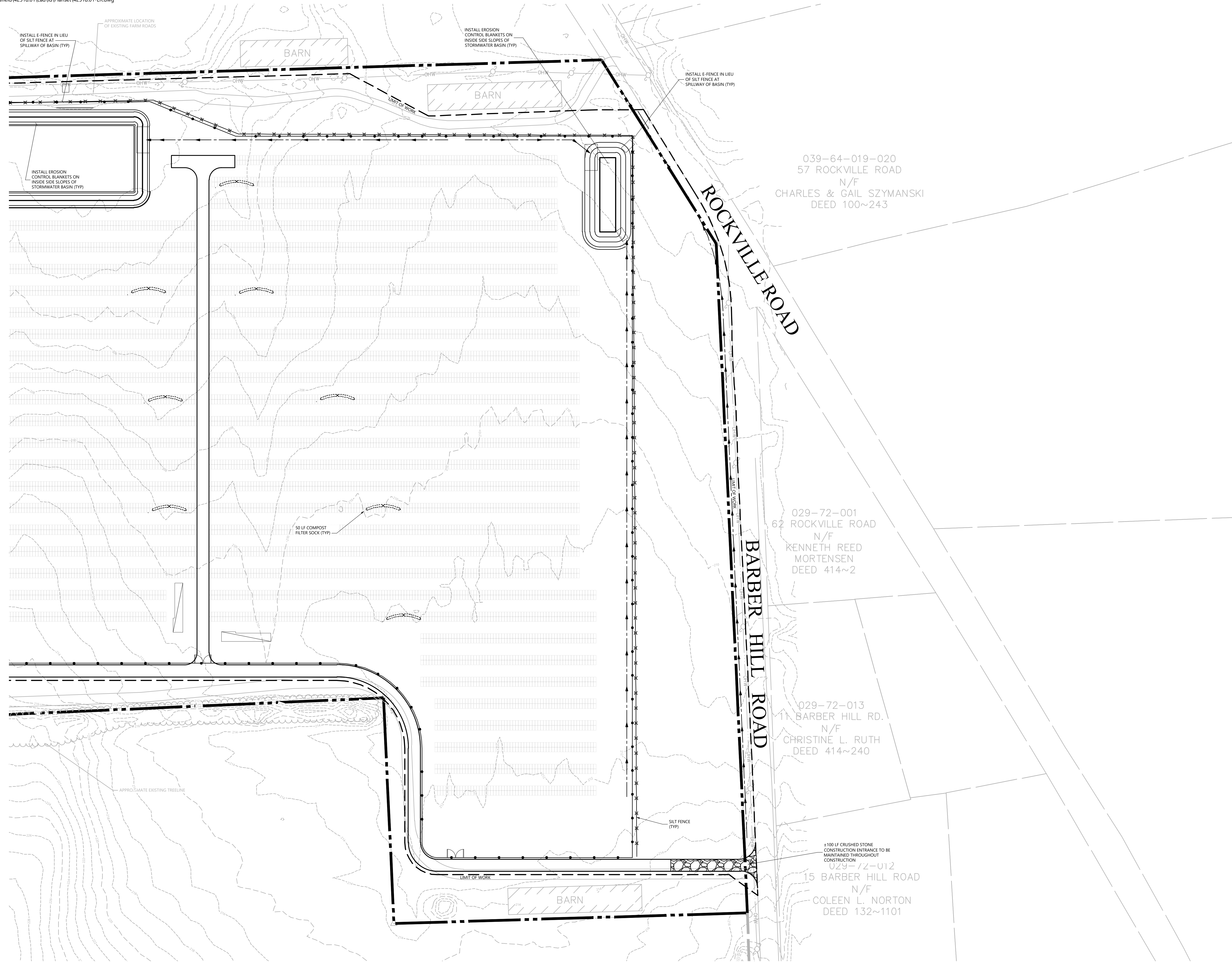
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Erosion and Sediment Control Plan

Drawing Number

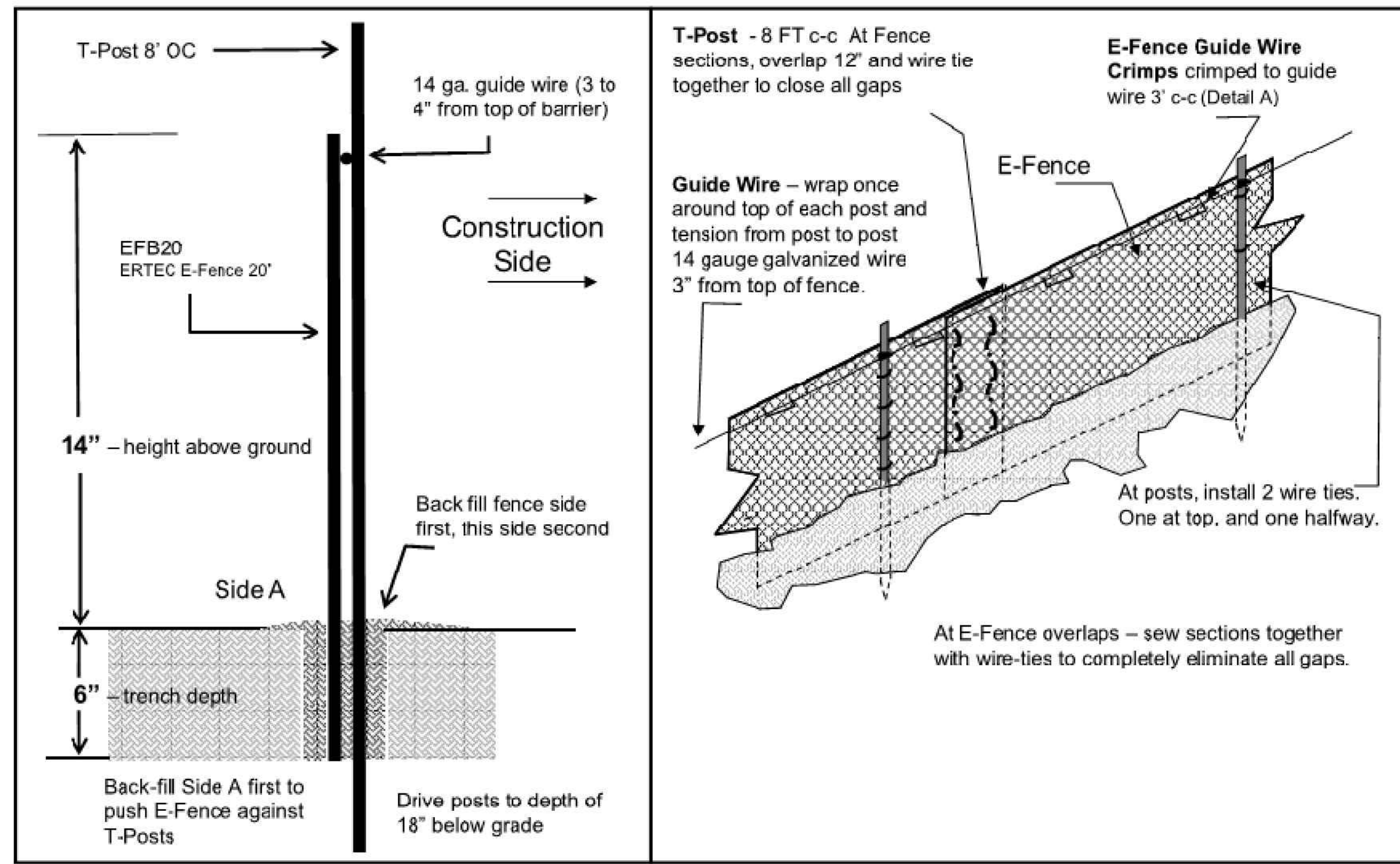
C-5.2

Sheet 11 of 13

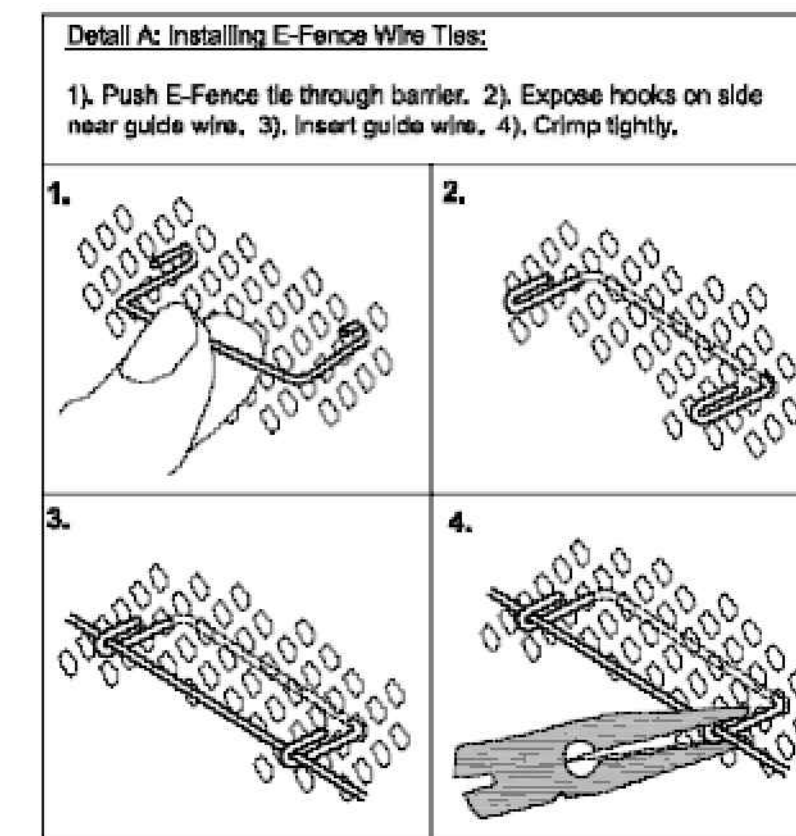
Project Number
42518.01

E-Fence DETAILS – Wildlife Exclusion - WPT

E-Fence™ (Patent #US8402630, other patents pending)



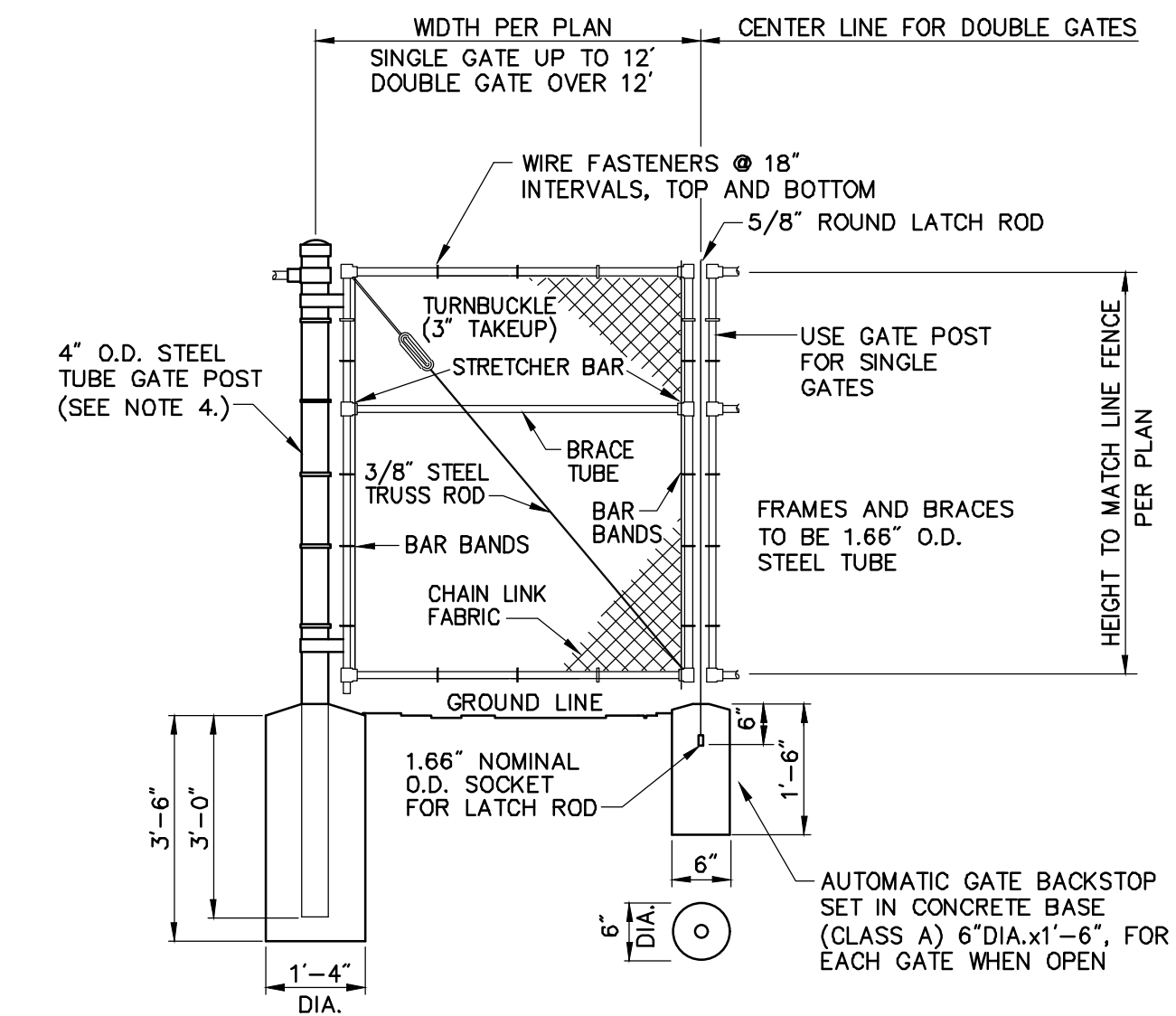
E-Fence DETAILS – Guidewire Crimp



E-Fence™ DETAILS – Wildlife Exclusion

Installation Notes:

- Excavate a trench a minimum of 4" wide and a minimum of 5" deep.
- T-posts shall be a minimum of 0.95 lbs/ft. T-posts shall be driven a minimum 18" deep into the ground 8' centers
- Insert barrier material into trench and attach to post in two places: 1) at 3" below top of fence and at 2) mid-height
- At 3 Inches from top of fence (above wire tie), wrap 14 gauge galvanized wire once around each T-post and pull the guide wire from post to post, wrap, secure and pull wire tight between each post.
- At segment overlaps (roll length 100 or 150 LF), overlap segments a minimum of 12". Eliminate all gaps by tying sections together with tie wire in two vertical rows, as shown.
- Push E-Fence Guide Wire Crimps through the E-Fence and crimp the ties to the guide wire on the other side of the fence (two crimps per tie) at 3' intervals, as illustrated in Detail A of the installation guidelines. Crimp to the guide-wire securely.
- E-Fence must be installed in continuous lengths (100 or 150 foot rolls). Do not cut segments into shorter lengths unless necessary due to sudden changes in elevation.
- Backfill trench with trench spoils. Backfill from E-Fence side of posts first so that E-Fence is pushed up against T-posts. Back fill other side to complete backfill.



Notes:

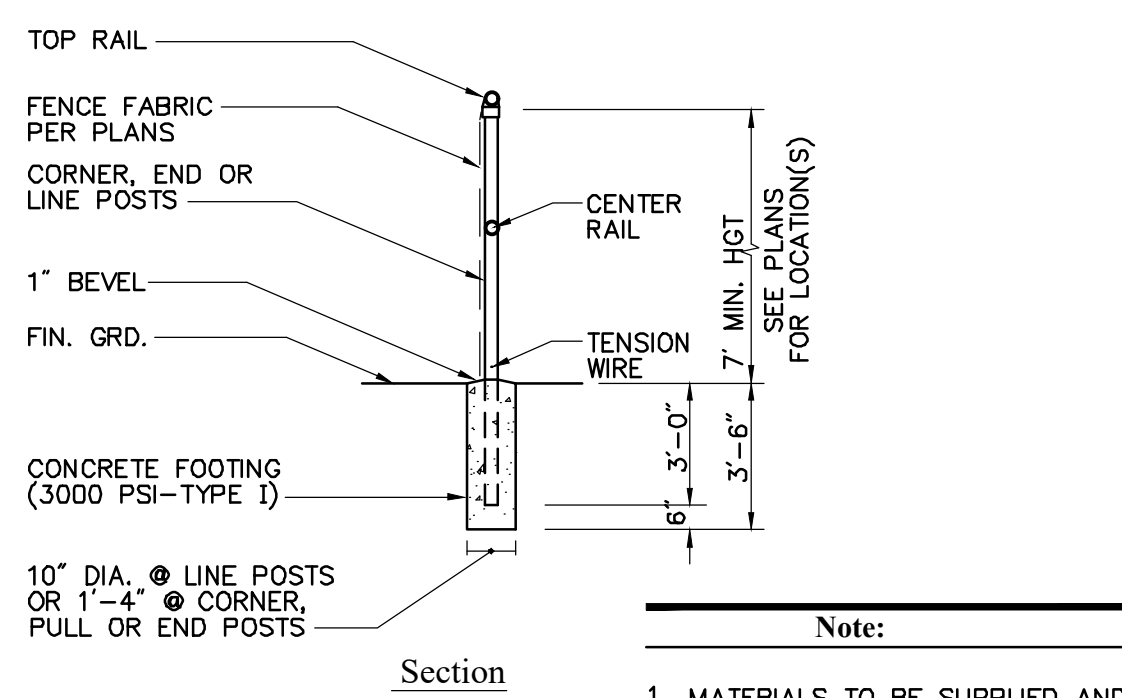
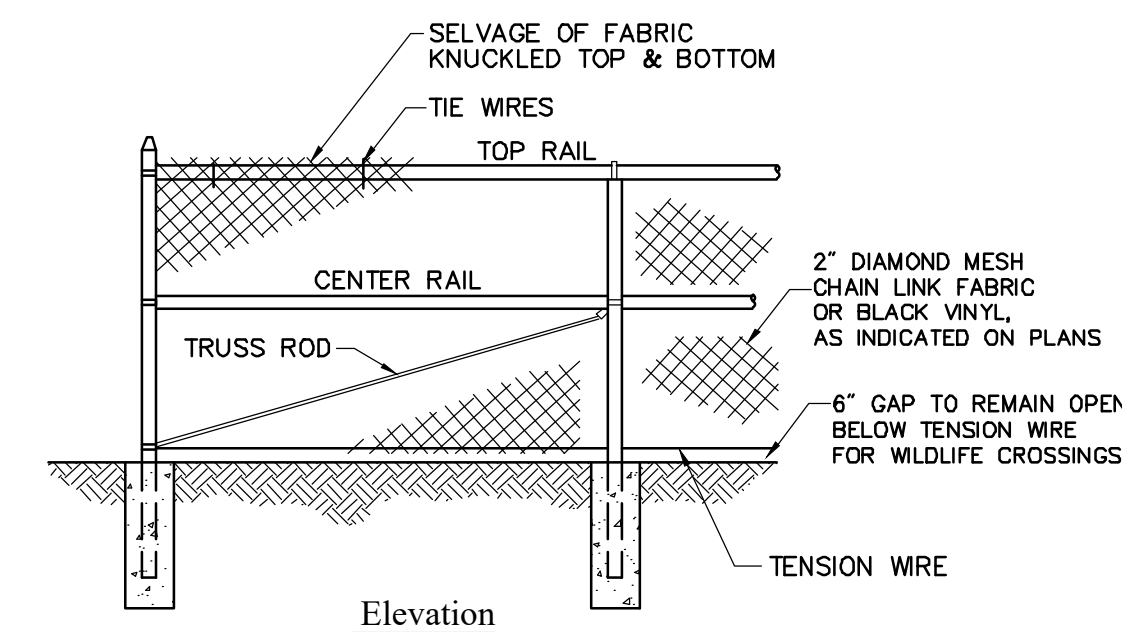
- CHAIN LINK FABRIC FOR GATES TO BE THE SAME AS REQUIRED FOR FENCE.
- GATE POST BASE—PORTLAND CEMENT CONCRETE (3000 PSI).
- FENCE FABRIC, POSTS, FRAMEWORKS, AND HARDWARE SHALL BE GALVANIZED STEEL OR BLACK VINYL (AS INDICATED ON PLANS) PER SPECIFICATIONS.
- GATE POSTS TO BE USED ON EACH SIDE OF SINGLE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

Chain Link Fence Gate

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

E-Fence Installation Details

N.T.S. Source: Ertec Environmental Systems



- Note:**
- MATERIALS TO BE SUPPLIED AND INSTALLED IN CONFORMANCE WITH "CHAIN LINK MANUFACTURER'S INSTITUTE" PRODUCT MANUAL.

7' Chain Link Fence

N.T.S. Source: VHB 6/08 LD_480



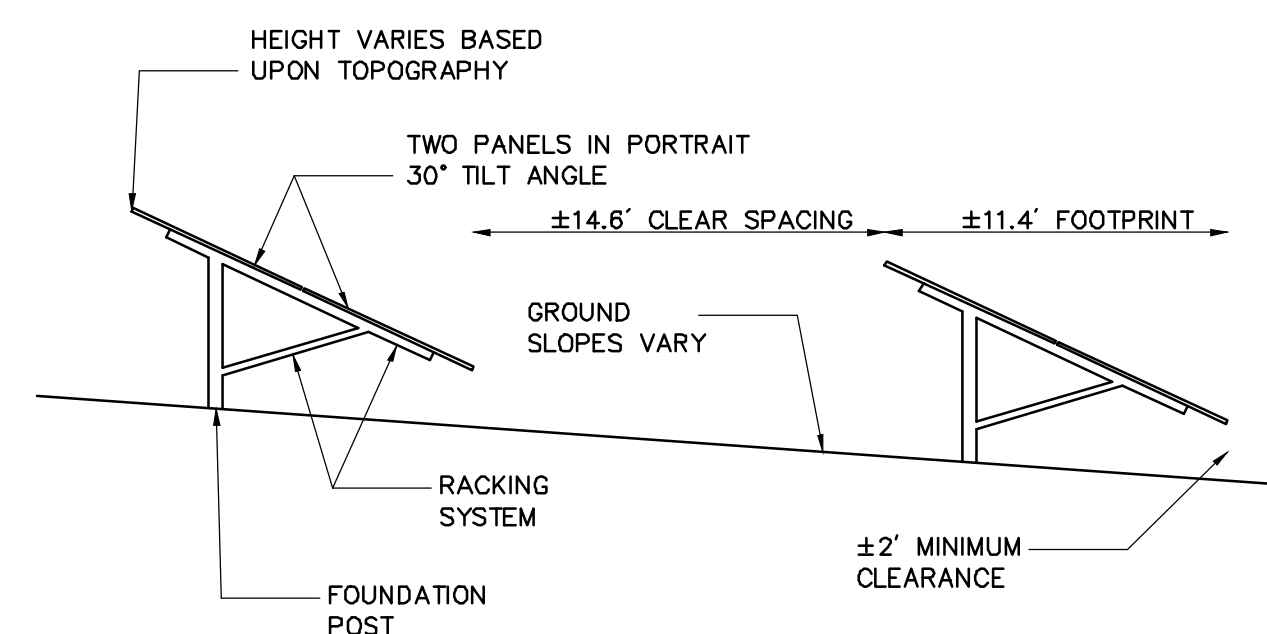
PHOTOVOLTAIC INSTALLATION
 Site Location: Rockville Road, East Windsor, CT 06016
 Owner: Greenskies Clean Energy, LLC
 Attn: Christopher Ross
 180 Johnson Street
 Middletown, CT 06457
IN CASE OF EMERGENCY CALL 911
EAST WINDSOR POLICE DEPARTMENT - (860) 292-8240

Notes:

- THE SITE FACILITY SIGN IS A DRAFT SHOWING THE MINIMUM AMOUNT OF INFORMATION THAT WILL BE PROVIDED. SIGN WILL BE 18" X 24".
- ALL SIGNS WILL BE MOUNTED ONTO THE CHAIN LINK FENCE.

Danger and Site Facility Signs

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



Notes:

- 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 Panel Array

N.T.S. Source: VHB 7/20

Photovoltaic Installation

Rockville Road
East Windsor, Connecticut

No.	Revision	Date	Apprd.
1	CSC Comments	10/5/2020	SJK

Designed by: JDW Checked by: SJK
 Issued for: Date: May 29, 2020

Application

Not Approved for Construction

Site Details

Drawing Number

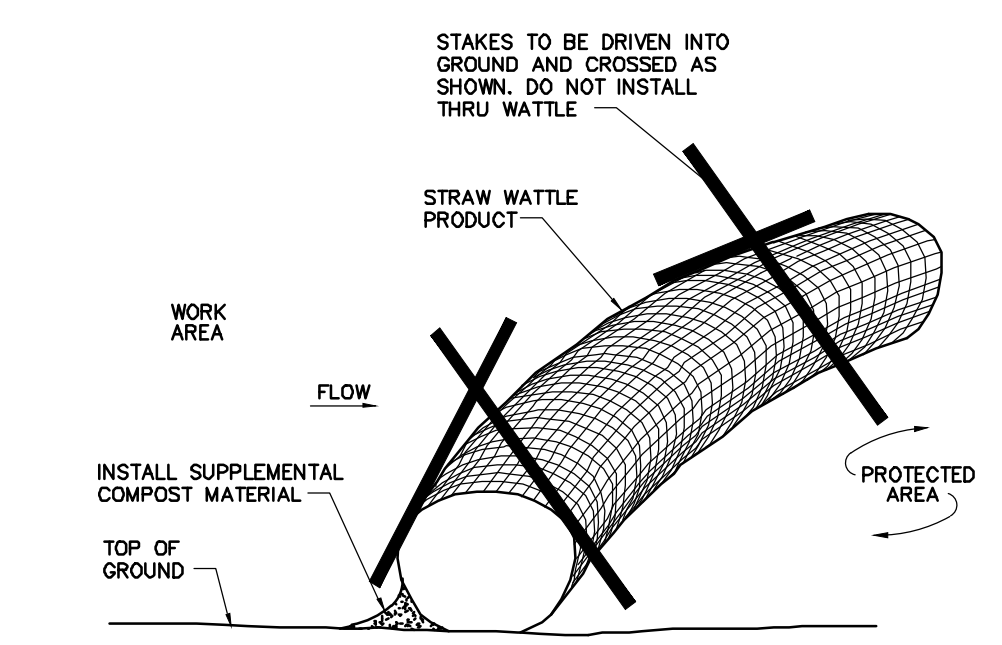
C-6.1

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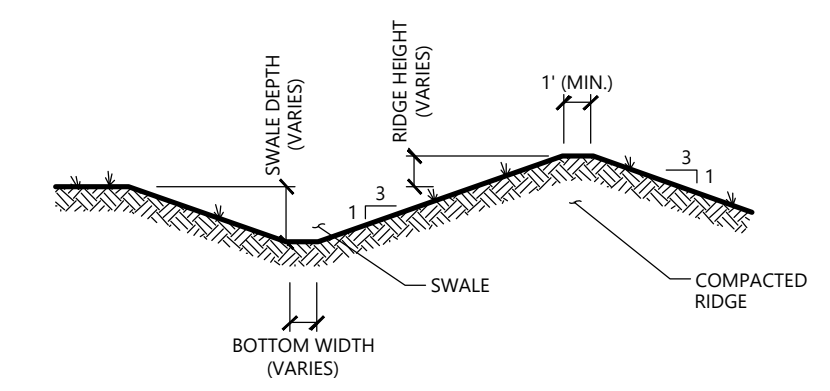
Project Number
42518.01



100 Great Meadow Road
Suite 200
Wethersfield, CT 06109
860.807.4300

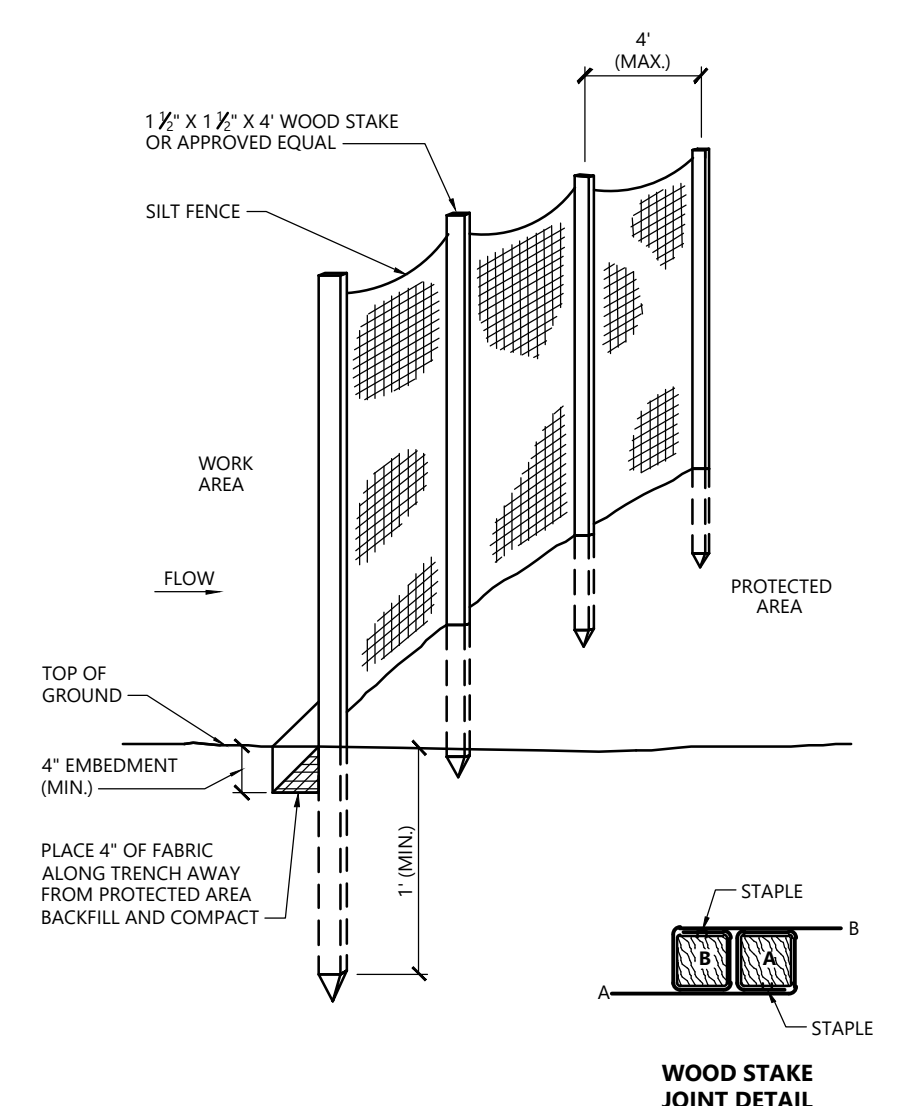


Straw Wattle Installation 8/12
N.T.S. Source: VHB LD_658

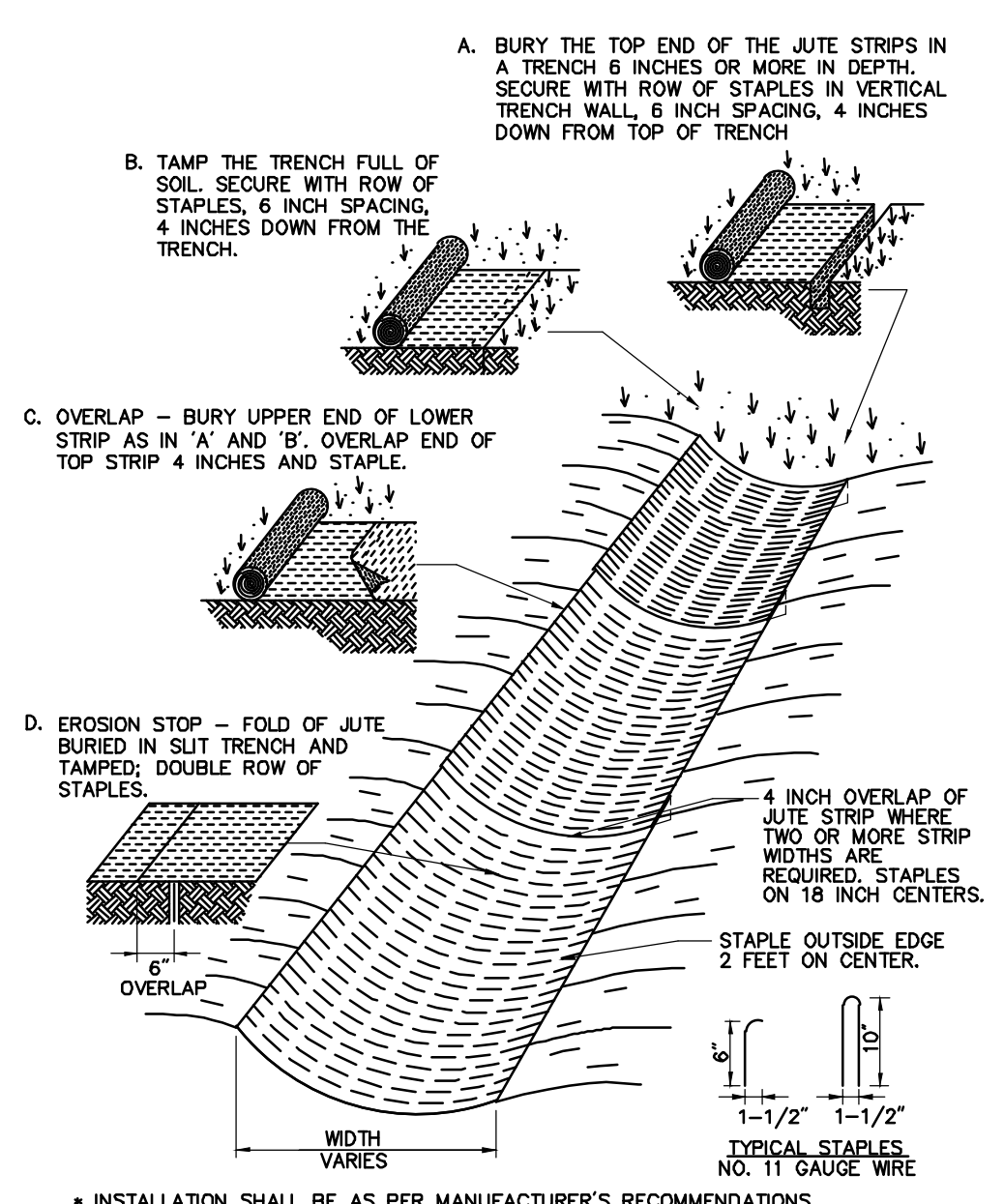


NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1
2. REFER TO "DIVERSION SWALE SIZING" TABLE FOR SELECTION OF LINING MATERIAL TO BE INSTALLED OVER ENTIRE SWALE AREA.
3. REFER TO "DIVERSION SWALE SIZING" TABLE FOR VARIABLE SIZING.
4. THE INTENT IS TO USE THE MATERIAL EXCAVATED FROM THE SWALE TO CONSTRUCT THE RIDGE.

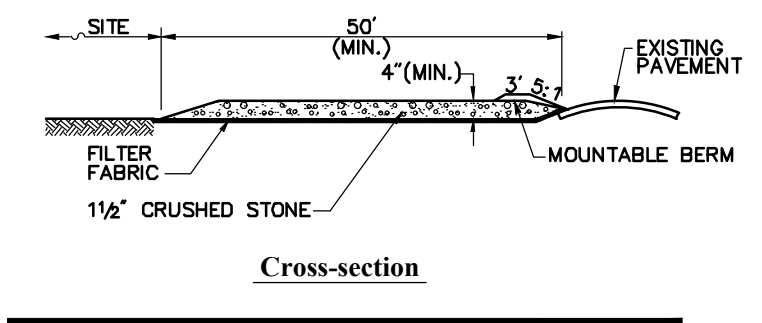
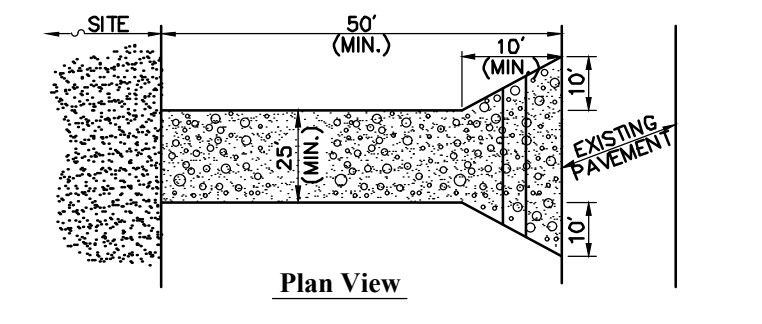
Diversion Swale
N.T.S. Source: VHB



Silt Fence Barrier 1/16
N.T.S. Source: VHB LD_650

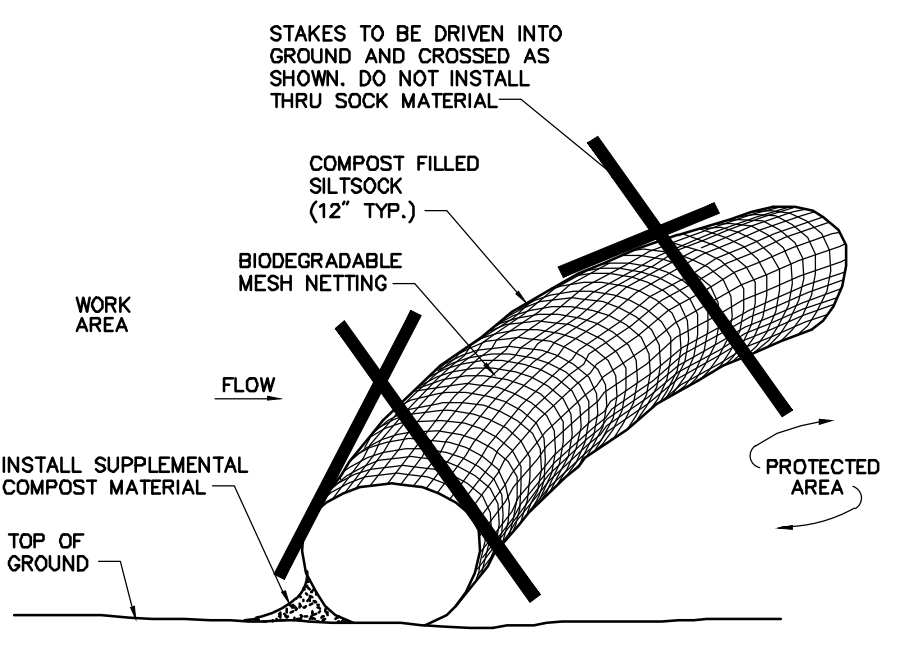


Erosion Control Blanket Swale Installation 6/08
N.T.S. Source: VHB LD_681



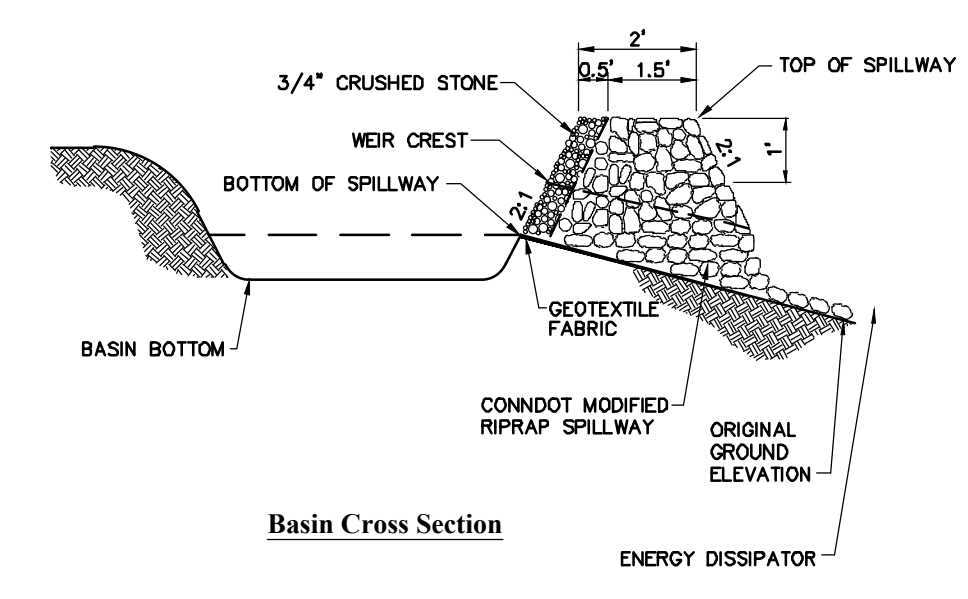
Notes:
1. ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
3. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

Stabilized Construction Exit 6/08
N.T.S. Source: VHB LD_682



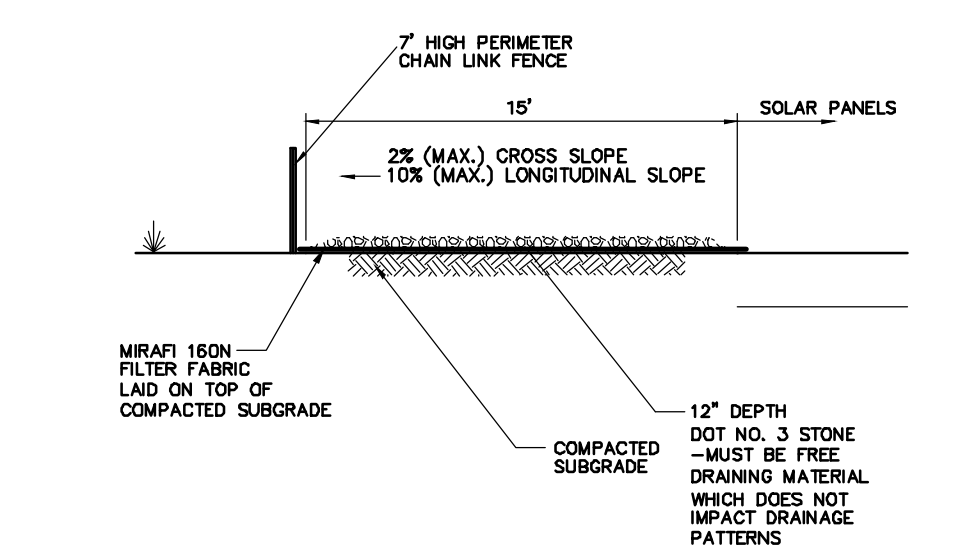
Notes:
1. SILT SOCK SHALL BE 12\"/>

Compost Filter Sock (CFS) 8/12
N.T.S. Source: VHB LD_658



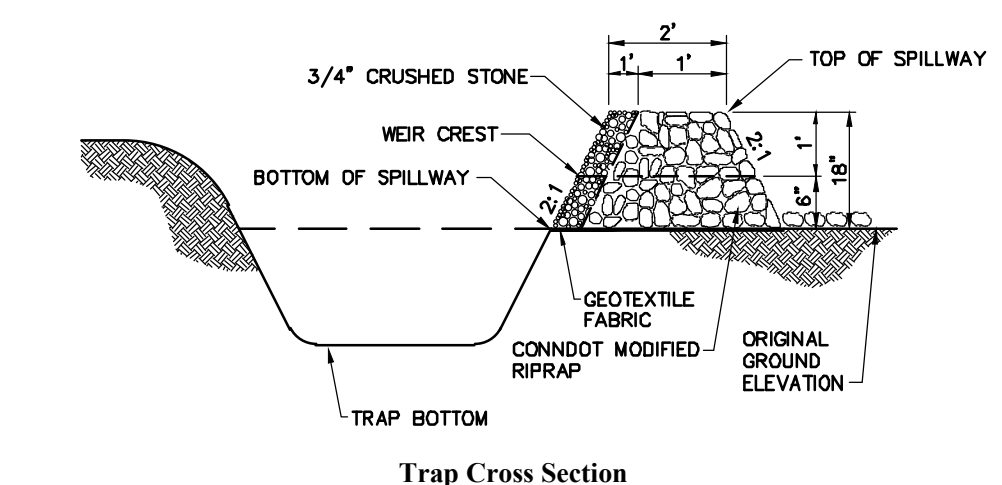
NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1
2. TOP OF EMBANKMENT SHALL BE 2\"/>

Permanent Stormwater Basin
N.T.S. Source: VHB



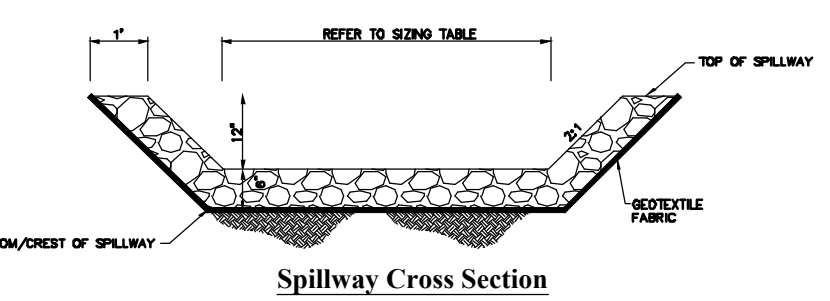
Notes:
1. CRUSHED STONE SHALL BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION.

Perimeter Access Cross Section
N.T.S. Source: VHB



NOTE:
1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1
2. SIDE SLOPES OF EMBANKMENT SHALL BE STABILIZED BY TEMPORARY SEEDING OR EROSION CONTROL BLANKETS AS DIRECTED BY THE ENGINEER.
3. TRAP SHALL BE DRAINED AND CLEANED OF SEDIMENT ONCE SEDIMENT IS > 1\"/>

Temporary Sediment Trap (TST)
N.T.S. Source: VHB



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

Stormwater Basin Spillway
N.T.S. Source: VHB

PERMANENT STORMWATER BASIN SIZING								
NUMBER	BASIN TYPE	LENGTH AT BASIN BOTTOM (T/OE OF SLOPE), FT	WIDTH AT BASIN BOTTOM (T/OE OF SLOPE), FT	SIDE SLOPES	BOTTOM ELEVATION, FT	ELEVATION OF BOTTOM/CREST OF SPILLWAY, FT	SPILLWAY WIDTH AT BASE, FT	MINIMUM TOP OF BERM ELEVATION, FT
1	INFILTRATION	44	264	3:1	194.5	200.5	9	202.5
2	INFILTRATION	79	234	3:1	196.5	201.3	15	205.8
3	INFILTRATION	19	89	3:1	200.0	203.3	3	206.0

Sizing Tables for Temporary & Permanent Stormwater Features
N.T.S. Source: VHB

DIVERSION SWALE SIZING						
NAME	APPROXIMATE TRIBUTARY AREA, AC	APPROXIMATE LENGTH, FT	BOTTOM WIDTH, FT	SIDE SLOPES	SWALE DEPTH, FT	LINING MATERIAL
1-1	10.6	160	5	3:1	1.5	ECB
2-1	2.7	360	1	3:1	1	ECB
3-1	1.0	750	1	3:1	1	ECB
3-2	0.6	660	1	3:1	1	ECB
Roadside	10.6	860	4	3:1	2	ECB

Photovoltaic Installation
Rockville Road
East Windsor, Connecticut

No.	Revision	Date	Appr'd
1	CSC Comments	10/5/2020	SJK

Designed by: JDW Checked by: SJK
Issued for: Application Date: May 29, 2020

Not Approved for Construction

Drawing Title: **Site Details**

Drawing Number: _____

C-6.2

Sheet of 13 13

Project Number: 42518.01