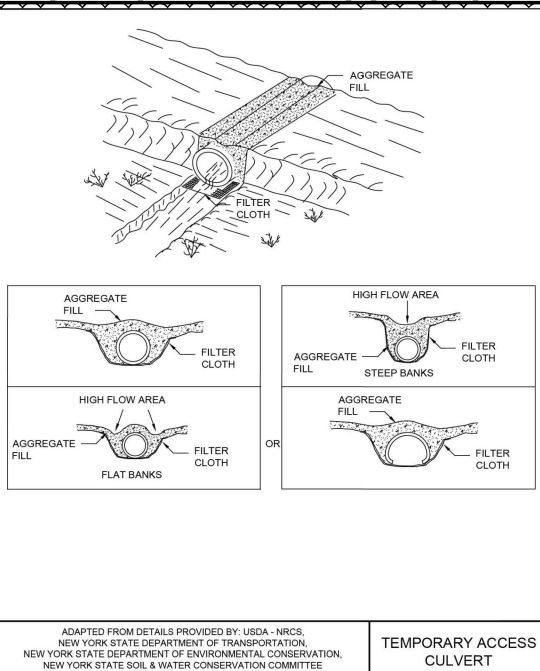
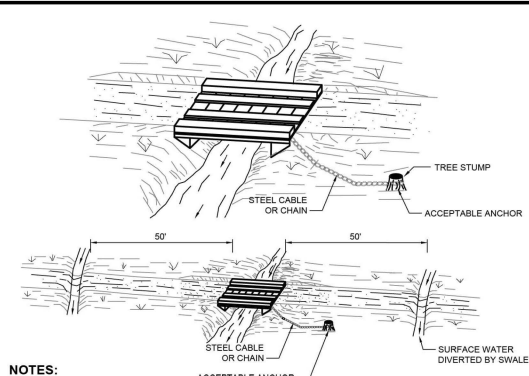


DATE: 09/08/2025
PROJECT: TOWN OF LEICESTER
SHEET: TOWN OF LEICESTER



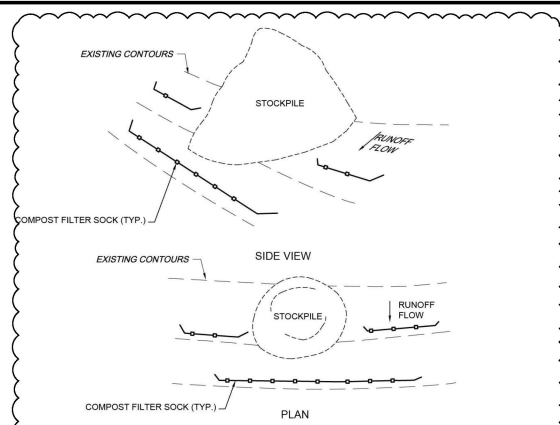
TEMPORARY ACCESS
CULVERT



- NOTES:**
- CONSTRUCTION, USE, OR REMOVAL OF A TEMPORARY ACCESS BRIDGE WILL NOT NORMALLY HAVE ANY TIME OF YEAR RESTRICTIONS IF CONSTRUCTION, USE, OR REMOVAL DOES NOT DISTURB THE STREAM OR ITS BANKS.
 - A TEMPORARY BRIDGE STRUCTURE SHALL BE CONSTRUCTED AT OR ABOVE BANK ELEVATION TO PREVENT THE ENTRAPMENT OF FLOATING MATERIALS AND DEBRIS.
 - ABUTMENTS SHALL BE PLACED PARALLEL TO AND ON STABLE BANKS.
 - BRIDGES SHALL BE CONSTRUCTED TO SPAN THE ENTIRE CHANNEL, IF A FOOTING, PIER, OR BRIDGE SUPPORT IS CONSTRUCTED WITHIN THE WATERWAY, A STREAM-DISTURBANCE PERMIT MAY BE REQUIRED.
 - STRINGERS SHALL EITHER BE LOGS, SAW TIMBER, PRE-STRESSED CONCRETE BEAMS, METAL BEAMS, OR OTHER APPROVED MATERIALS.
 - DECKING SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT THE ANTICIPATED LOAD. ALL DECKING MEMBERS SHALL BE PLACED PERPENDICULAR TO THE STRINGERS, BUTTED TIGHTLY, AND SECURELY FASTENED TO THE STRINGERS. DECKING MATERIALS MUST BE BUTTED TIGHTLY TO PREVENT ANY SOIL MATERIAL TRACKED ONTO THE BRIDGE FROM FALLING INTO THE WATERWAY BELOW.
 - RUN PLANKING SHALL BE SECURELY FASTENED TO THE LENGTH OF THE SPAN. ONE RUN PLANK SHALL BE PROVIDED FOR EACH TRACK OF THE EQUIPMENT WHEELS. ALTHOUGH RUN PLANKS ARE OPTIONAL, THEY MAY BE NECESSARY TO PROPERLY DISTRIBUTE LOADS.
 - CURBS OR FENDERS MAY BE INSTALLED ALONG THE OUTER SIDES OF THE DECK. CURBS OR FENDERS ARE AN OPTION, WHICH WILL PROVIDE ADDITIONAL SAFETY.
 - BRIDGES SHALL BE SECURELY ANCHORED AT ONLY ONE END USING STEEL CABLE OR CHAIN. ANCHORING AT ONLY ONE END WILL PREVENT CHANNEL OBSTRUCTION IN THE EVENT THAT FLOODWATERS FLOAT THE BRIDGE. ACCEPTABLE ANCHORS ARE LARGE TREES, LARGE BOULDERS, OR DRIVEN STEEL ANCHORS. ANCHORING SHALL BE SUFFICIENT TO PREVENT THE BRIDGE FROM FLOATING DOWNSTREAM AND POSSIBLY CAUSING AN OBSTRUCTION TO THE FLOW.

TEMPORARY ACCESS BRIDGE

(FROM NY E&S MANUAL)
NOT TO SCALE

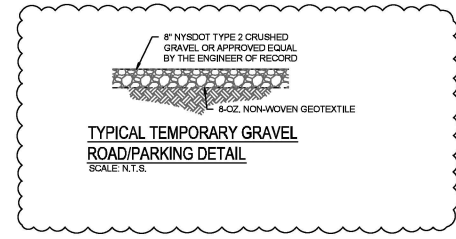


- GENERAL NOTE:**
- LOCATE TEMPORARY SOIL STOCKPILE AS NEEDED. PROVIDE COMPOST FILTER SOCK AS NECESSARY.

- NOTES:**
- THE FOLLOWING IS REFERENCED FROM NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS GUIDELINES FOR SOLAR ENERGY PROJECTS - CONSTRUCTION MITIGATION FOR AGRICULTURAL LANDS (REVISION 10/18/2019)
- STRIPPED TOPSOIL SHOULD BE STOCKPILED FROM WORK AREAS (E.G. PARKING AREAS, ELECTRIC CONDUCTOR TRENCHES, ALONG ACCESS ROADS, EQUIPMENT PADS) AND KEPT SEPARATE FROM OTHER EXCAVATED MATERIAL (ROCK AND/OR SUB-SOIL) UNTIL THE COMPLETION OF THE FACILITY FOR FINAL RESTORATION. FOR PROPER TOPSOIL SEGREGATION, AT LEAST 25 FEET OF ADDITIONAL TEMPORARY WORKSPACE (ATWS) MAY BE NEEDED ALONG OPEN-CUT UNDERGROUND UTILITY TRENCHES. ALL TOPSOIL WILL BE STOCKPILED AS CLOSE AS IS REASONABLY PRACTICAL TO THE AREA WHERE STRIPPED/REMOVED AND SHALL BE USED FOR RESTORATION ON THAT PARTICULAR AREA. ANY TOPSOIL REMOVED FROM PERMANENTLY CONVERTED AGRICULTURAL AREAS (E.G. PERMANENT ROADS, ETC.) SHOULD BE TEMPORARILY STOCKPILED AND EVENTUALLY SPREAD EVENLY IN ADJACENT AGRICULTURAL AREAS WITHIN THE PROJECT LIMITS OF DISTURBANCE (LOD), HOWEVER NOT TO SIGNIFICANTLY ALTER THE HYDROLOGY OF THE AREA. CLEARLY DESIGNATE TOPSOIL STOCKPILE AREAS AND TOPSOIL DISPOSAL AREAS IN THE FIELD AND ON CONSTRUCTION DRAWINGS. CHANGES OR ADDITIONS TO THE DESIGNATED STOCKPILE AREAS MAY BE NEEDED BASED ON FIELD CONDITIONS IN CONSULTATION WITH THE ENVIRONMENTAL MONITOR. SUFFICIENT LOD (AS DESIGNATED ON THE SITE PLAN OR BY THE EM) AREA SHOULD BE ALLOTTED TO ALLOW ADEQUATE ACCESS TO THE STOCKPILE FOR TOPSOIL REPLACEMENT DURING RESTORATION.
 - TOPSOIL STOCKPILES ON AGRICULTURAL AREAS LEFT IN PLACE PRIOR TO OCTOBER 31ST SHOULD BE SEEDDED WITH AROOSTOOK WINTER RYE OR EQUIVALENT AT AN APPLICATION RATE OF THREE BUSHELS (108 LBS.) PER ACRE AND MULCHED WITH STRAW MULCH AT RATE OF TWO TO THREE BALES PER 1000 SQ. FT.
 - TOPSOIL STOCKPILES LEFT IN PLACE BETWEEN OCTOBER 31ST AND MAY 31ST SHOULD BE MULCHED WITH STRAW AT A RATE OF TWO TO THREE BALES PER 1000 SQ. FT. TO PREVENT SOIL LOSS.
 - PROPOSED PERMANENT ACCESS SHOULD BE ESTABLISHED AS SOON AS POSSIBLE BY REMOVING TOPSOIL ACCORDING TO THE DEPTH OF TOPSOIL AS DIRECTED BY THE EM. ANY EXTRA TOPSOIL REMOVED FROM PERMANENTLY CONVERTED AREAS (E.G. PERMANENT ROADS, EQUIPMENT PADS, ETC.) SHOULD BE TEMPORARILY STOCKPILED AND EVENTUALLY SPREAD EVENLY IN ADJACENT AGRICULTURAL AREAS WITHIN THE PROJECT LIMITS OF DISTURBANCE (LOD), HOWEVER NOT TO SIGNIFICANTLY ALTER THE HYDROLOGY OF THE AREA.
 - STOCKPILED TOPSOIL MUST NOT BE REGRADED, AND SUBSOIL MUST NOT BE DECOMPACTED UNTIL PLASTICITY, AS DETERMINED BY THE ATTERBERG FIELD TEST, IS ADEQUATELY REDUCED.

TEMPORARY SOIL STOCKPILE DETAIL

NOT TO SCALE



**TEMPORARY GRAVEL
ROAD/PARKING DETAIL**

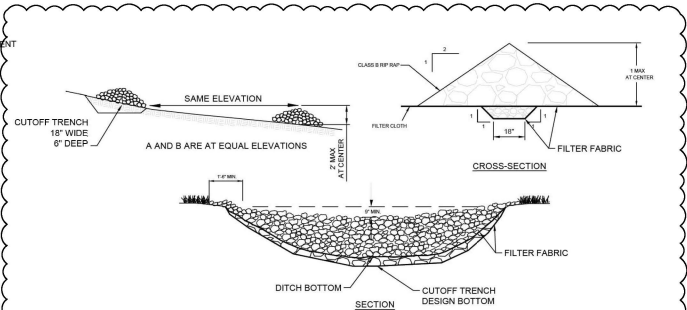
SCALE: N=1/8"

CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 1"-4" GRAVEL OR APPROVED EQUAL OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - FIFTEEN (15) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

ROCK CHECK DAM

NOT TO SCALE

2180 South 1300 East, Suite 800
Salt Lake City, UT 84106-2748
(801) 679-3500

249 Western Avenue
Augusta, ME 04330

PE STAMP:

UNDER NEW YORK STATE LAW, ANY UNAUTHORIZED REPRODUCTION OR ALTERATION OF THIS SEAL OR THE SEAL OF ANY OTHER PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT, IS A VIOLATION OF THE PROFESSIONAL ENGINEERING LAW.

KEY PLAN:

REVISIONS:

NO.	DATE	DESCRIPTION
E	04/08/2025	ISSUED FOR REVIEW
F	04/16/2025	ISSUED FOR REVIEW
G	04/28/2025	ISSUED FOR REVIEW
H	08/11/2025	ADDED LANDOWN YARD
I	09/12/2025	ADDED SEDIMENT PONDS
J	09/21/2025	REVISED PER CLIENT COMMENTS
K	10/05/2025	ADDED REVISION CLOUDS
L	10/22/2025	ADDED OCSF AROUND E&S

PROJECT TITLE:

WHITE CREEK SOLAR

PROJECT LOCATION:

**TOWN OF YORK &
TOWN OF LEICESTER
LIVINGSTON COUNTY
NEW YORK**

SHEET TITLE & DESCRIPTION:

**EROSION AND
SEDIMENT CONTROL
DETAILS**

ISSUED FOR
CONSTRUCTION

PROJ. NO.	666563
DES.	TRC
DWN.	TRC
CHK.	SGL
APP.	-
DATE	09/08/2025
SCALE	AT 22' x 34'

NTS

SHEET NO.	TCP-10	REV.	L
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NOT TO SCALE



1. INSTALL BRACE ASSEMBLY AS REQUIRED AT CORNER, CHANGE IN DIRECTION, OR APPROXIMATELY EVERY 1,320 LF.
2. INSTALL LINE POSTS AT 10 FT MAXIMUM INTERVALS DEPENDING ON LOCAL SOIL CONDITIONS, TERRAIN, AND MANUFACTURER'S RECOMMENDATIONS.
3. INSTALL FENCING WITHIN THE LIMITS OF APPROVED CLEARING. PERFORM NO ADDITIONAL CLEARING TO ACCOMMODATE FENCE INSTALLATION.

NOT TO SCALE



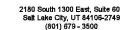
NOT TO SCALE



NOT TO SCALE

2. PROVIDE A FENCING OF THE SECURITY FENCE SYSTEM SHALL BE IN ACCORDANCE WITH THE NEC
3. GROUND LAY MATERIALS AND APPURTENANCES NECESSARY FOR INSTALLATION
4. DOUBLE SWING GATES TO OPEN UPON TOWARD SECURE AREA AS SHOWN ON PLANS
5. PROVIDE METAL POSTS AND FOOTINGS PER APPROVED AREA OF FENCE MANUFACTURER
6. INSTALL PERMANENT FENCE WARNING SIGNS 5' ABOVE GROUND IN ACCORDANCE WITH NEC 110.21(B).
7. PROVIDE HORIZONTAL AND DIAGONAL BRACING AT CORNERS, PILL, TERMINAL, GATE POSTS, AND NOT MORE THAN 1,320 FT APART.
8. POSTS SHALL BE SPACED AT A MAXIMUM OF 10 FT TO IN. SEE DETAIL FOR GATE POST SPACING.
9. PROVIDE GATE POSTS PRESSURE TREATED PINE AT LEAST 4" SQUARE.
10. HORIZONTAL WOOD BRACES SHALL BE PINNED OR DOWELED.
11. GATE SHALL BE PT WOOD 4 IN MIN. SQUARE POST, METAL (2 IN 6 GAUGE COATED), OR APPROVED EQUIVALENT.
12. MESH SHALL BE HIGH TENSILE STEEL, MIN 6 X 6 IN FIXED-NOT 12 IN BLANK WIRE.

1. MUST INCLUDE KNOX BOXES FOR ACCESS TO SUB-STATION AND ANY OTHER MAIN ACCESS DRIVE GATES FOR EMERGENCY VEHICLE ACCESS



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KEY PLAN



REVISIONS:		
	DATE	DESCRIPTION
E	04/08/2026	ISSUED FOR REVIEW
F	04/16/2026	ISSUED FOR REVIEW
G	04/29/2026	ISSUED FOR REVIEW
H	08/11/2026	ADDED LAYDOWN YARD
I	09/18/2026	ADDED SEDIMENT PONDS
J	09/21/2026	REVISED PER CLIENT COMMENT
K	10/05/2026	ADDED REVISION CLOUDS
L	10/22/2026	ADDED OCSF AROUND ES&E

PROJECT TITLE:

WHITE CREEK SOLAR

PROJECT LOCATION:

TOWN OF YORK &
TOWN OF LEICESTER
LIVINGSTON COUNTY
NEW YORK

SHEET TITLE & DESCRIPTION:

EROSION AND SEDIMENT CONTROL DETAILS

ISSUED FOR
CONSTRUCTION

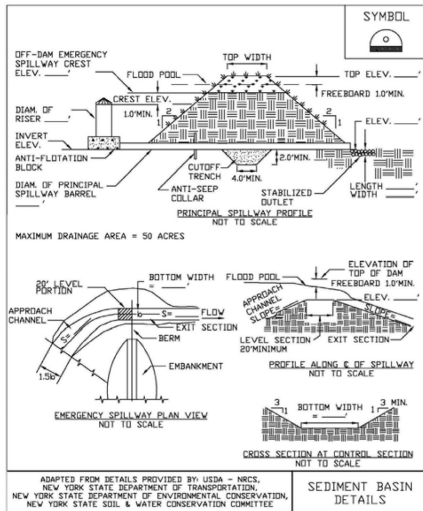
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DWN:	TRC
CHK:	SGL
APV:	-
DATE:	09/08/2025
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SCALE AT 22" x 34"

NTS
SHEET NO: TCP-13

REV: L

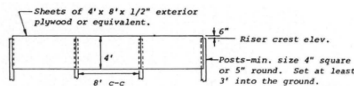
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SEDIMENT BASIN DETAIL
NOT TO SCALE

SEDIMENT BASIN NOTES:

1. CONTRACTOR TO DESIGN AND INSTALL SEDIMENT BASINS PER LOCAL REQUIREMENTS AND/OR SUGGESTED PRACTICE FOR ALL COMPONENTS NOT SPECIFICALLY CALLED OUT.
2. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL EXISTING SITE CONDITIONS AND WITH DESIGN DOCUMENTS PROVIDED BY THE VARIOUS DESIGN PROFESSIONALS INVOLVED IN THIS PROJECT.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DETAILS, AND SPATIAL RELATIONSHIPS SHOWN ON THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER RELATED DESIGN DRAWINGS. ANY DISCREPANCIES, CONFLICTS, OR OMISSIONS FOUND SHALL BE REPORTED TO THE ENGINEER AND OTHER DESIGN PROFESSIONALS AS APPROPRIATE FOR RESOLUTION PRIOR TO PROCEEDING WITH ANY WORK ON THE PROJECT.
4. THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS, INCLUDING SHOP DRAWINGS, AND VERIFY CORRECTNESS OF THEM PRIOR TO SUBMISSION TO OWNER.



New York State Standards and Specifications
For Erosion and Sediment Control

Page 5.41

November 2016

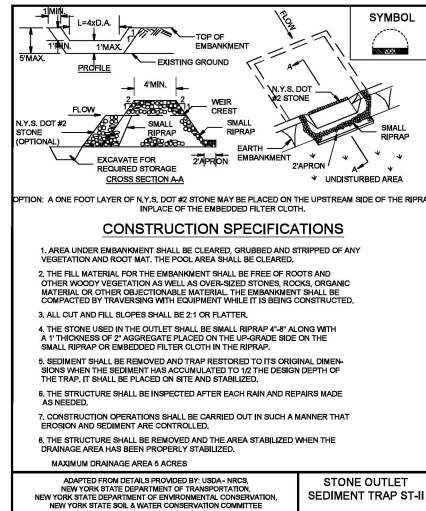
SEDIMENT BASIN BAFFLE DETAIL

Basin Number	Drainage Area (Ac.)	Disturbed Area (Ac.)	10-y Peak Flow (During Construction) (cfs)	Sediment Storage Surface Area (0.01" Q-10y) (Ac.)	Sediment Storage Surface Area (0.015" Q-10y) (Ac.)	Sediment Storage Surface Area Req'd (Ac.)	Sediment Storage Surface Area Provided (Ac.)	Length	Width	L:W Ratio ¹	Clearout at 50% SSE	Req'd Sediment Storage Zone (cf)	Provided Sediment Storage Zone (cf)	Req'd Dewatering Zone (cf)	Provided Dewatering Zone (cf)	Riser Bl.	Riser Crest Bl.	Riser Dia (in)	Barrel Dia (in)	Outlet Bl.	Spillway Bl.	Skimmer Dia (in) (pg 5.11)
3P1	6.3	6.3	23.75	0.2375	0.09	0.272	0.272	138	100	1.38	741.5	6300	6966	22680	27082	745.0	745.2	48	6	741	745.2	3
3P2	6.07	5.07	25.8	0.258	0.09	0.258	0.272	138	100	1.38	745.9	6970	6966	21852	27082	749.4	749.6	48	6	745.4	749.6	3
2P1	3.31	2.93	9.22	0.0922	0.05	0.0922	0.294	143	73	1.96	746.5	2930	8065	11916	19968	749	749.2	48	6	746	749.2	3

SEDIMENT BASIN SPECIFICATIONS

Basin Number	Drainage Area (Ac.)	Req'd Storage Volume (cf)	Depth (ft)	Surface Area (sf)	Provided Storage Volume (cf)	Req'd Length (ft)	Provided Length (ft)	Top Bl.	Bottom Bl.	Weir Bl.
1P	5	18000	2	9536	19272	20	137.000	755.2	752.2	754.2

STONE OUTLET SEDIMENT TRAP SPECIFICATIONS



STONE OUTLET SEDIMENT TRAP DETAIL
NOT TO SCALE

SUBCATCHMENT (AC)	MIN. REQUIRED STORAGE VOLUME (CF)	TRAP DEPTH (SF) (EXCLUSIVE OF 1-FT REQUIRED FREEBOARD)	REQUIRED TRAP SURFACE AREA (SF) (VOL/0.4' DEPTH)	PROVIDED TRAP SURFACE AREA (SF)	TRAP TYPE
1.00	3,600	2.00	4,500	6,077	Type B

Design Storage Depth (Includes 1-FT of Required Freeboard)

Trap Type	Construction
Type A	Double Stack of 12" compost sock
Type B	Triple Stack of 12" compost sock
Type C	4-Stack of 12" compost sock
Type D	5-Stack of 12" compost sock
Type E	6-Stack of 12" compost sock

II. Stone Outlet Sediment Trap

A Stone Outlet Sediment Trap consists of a trap formed by an embankment or excavation. The outlet of this trap is over a stone section placed on level ground. The minimum length (feet) of the outlet shall be equal to four (4) times the drainage area (acres).

Required storage shall be 3,600 cubic feet per acre of drainage area.

The outlet crest (top of stone in weir section) shall be level, at least one (1) foot below top of embankment and no more than one (1) foot above ground beneath the outlet. Stone used in the outlet shall be small riprap (4 in. x 8 in.). To provide more efficient trapping effect, a layer of filter cloth should be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.

Stone Outlet Sediment Traps may be interchangeable in the field with pipe outlet sediment traps provided they are constructed in accordance with the detail and specifications for these traps. Stone outlet sediment traps shall be limited to a five (5) acre maximum drainage area.

See details for Stone Outlet Sediment Trap ST-II in Figure 5.27 on page 5.51.



aes

2180 South 1340 Ewe, Suite 800
Salt Lake City, UT 84105-2748
(801) 678 - 3500

TRC

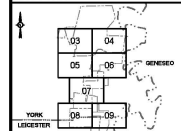
249 Western Avenue
Augusta, ME 04330

PE STAMP:



UNDER NEW YORK STATE E&S REGULATIONS, THE ENGINEER OF THE LAW FOR ANY PERSON, UNDER THE JURISDICTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

KEY PLAN:



REVISIONS:

DATE	DESCRIPTION
04/08/2026	ISSUED FOR REVIEW
04/18/2026	ISSUED FOR REVIEW
04/28/2026	ISSUED FOR REVIEW
08/11/2026	ADDED LAYDOWN YARD
08/19/2026	ADDED SEDIMENT POND
08/21/2026	REVISED PER CLIENT COMMENTS
10/05/2026	ADDED REVISION CLOUDS
10/22/2026	ADDED OCSF AND/OR ES&E

PROJECT TITLE:

WHITE CREEK SOLAR

PROJECT LOCATION:

TOWN OF YORK & TOWN OF LEICESTER LIVINGSTON COUNTY NEW YORK

SHEET TITLE & DESCRIPTION:

EROSION AND SEDIMENT CONTROL DETAILS

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PROJ. NUM.	666563
DES.	TRC
DWN.	TRC
CHK.	SGL
APP.	-
DATE:	08/20/2025
SCALE AT 22" x 34":	

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SHEET NO.	TCF-14	REV.	L
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