			General Ir	formation				
Weather conditions during inspection	57ºF,	cloudy	Inspection	9:15AM	Inspection end time	10:00 AM		
Inspector Name, Title & Chanler Florian, Environmental S Contact Information cflorian@beta-inc.com			•					
Phase 1. NOTE: The access Present Phase of Construction However, the entirety of th		Phase 1. NOTE: The access roa	ad and stabilized construction entrance has been established pursuant to the Phase 1 scope of work. te has been cleared of trees. No grubbing/stumping has occurred other than that required to					
Inspection Location North Sturbridge Road Solar Fa			acility – Entirety of Site	e (0 North Sturbridge Road, Cha	rlton, MA 01507)			
Inspection Frequency Standard Frequency Every 7 days		L u may be subject to different inspec	tion frequencies in diff	erent areas of the site. Check all th	at apply)			
🛛 Every 14 days a	and within 2	24 hours of a 0.25" rain or the oc	currence of runoff fro	om snowmelt sufficient to cause	a discharge			
Increased Frequenc Every 7 days or Tier 3)	5	a 24 hours of a 0.25" rain (for area	as of sites discharging	g to sediment or nutrient-impaire	ed waters or to wate	ers designated as Tier 2, Tier 2.5,		
Reduced Frequency	<i>I</i> :							
Twice during first	t month, no	o more than 14 calendar days a	part; then once per	month after first month; (for stak	pilized areas)			
Twice during first	t month, no	o more than 14 calendar days a	part; then once mor	e within 24 hours of a 0.25" rain	(for stabilized areas	on "linear construction sites")		
Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought)								
Once per mont	h (for frozei	n conditions where earth-disturb	ing activities are bei	ng conducted)				
		y a 0.25" storm event? Xes						
If yes, how did you determined whether a 0.25" storm event has occurred?  Rain gauge on site Weather station representative of site. Specify weather station source: Worcester Regional Airport								
	onsite		alive of site. specify		stel Regional Alipor	l		
Total rainfall amo	ount that tri	iggered the inspection (inches):	0.25″					
Was this inspection triggered by the occurrence of runoff from snowmelt sufficient to cause a discharge? $\Box$ Yes $igarsimes$ No								

Unsafe Conditions for Inspection

Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5? Yes No

If "yes", complete the following:

- Describe the conditions that prevented you from conducting the inspection in this location: N/A
- Location where conditions were found: N/A

	Condition and Effectiveness of Erosion and Sediment (E&S) Controls (CGP Part 2.2)					
Type/Location of E&S Control	Maintenance Needed?*					
1. Silt Fence and Straw Wattles	Yes (As of 9/2/2021)	No	9/2/ 2021	A breach was observed at Discharge 2. Although the double row of straw bales is intact, silt fence was observed to be knocked over and signs of stormwater flow were detected in the area beyond the fence. A minor tear was identified in a section of silt fence on the southern side of the Site with no erosion observed. Minor degradation of a straw wattle was observed on the southeastern side of the Site; no erosion was observed but pools of water were found to be forming behind the straw wattle.		
2. Stabilized Construction Entrance (Site Entrance – Access Road)	No (As of 9/2/2021)	No		A tree was knocked over and laying on the silt fence on the on the northwestern portion of the site in Zone 5. Hydroseed was applied to exposed soil in this area and continues to germinate, some grass seedlings are now observed.		
3. Stump and Soil Stockpile Area	No (As of 7/22/2021)	No				
4. Dust Controls	N/A	N/A				
5. Jute Mesh (Steep Slopes)	N/A	N/A				
6. Temporary Seeding	No (As of 9/2/ 2021)	No	7/22/2021	Hydroseed has been applied to the earthen access road and hand- application of seed was performed within the area beyond the limit of work that was subjected to Discharge 1. Germination was		

								observed within areas of disturbed soils within the limits of work; however, little to no germination was observed within the disturbed area downgradient of the limit of work. Additional seed should be hand-applied in this area.
						10/05/ 2021		The areas downgradient of Discharges 1 and 2 have been stabilized with straw and seed. These areas will be monitored for germination and stabilization.
7. Topsoil Re-Use		N/A		N/A				
8. Storm Drain Inlets		N/A		N/A				Seedling growth is observed
(North Brookfield Road)								
9. Temporary Drainage Swales	6	N/A		N/A				
(Throughout Site)		N/A		N/A				
10 Tomporany Sodimont Pasing		Condit	tion and	t Effectiv	eness (	of Pollution P	reventio	on (P2) Practices (CGP Part 2.3)
Type/Location of P2 Practices [insert additional rows if applicable]	Mainte Neede	enance	Correc Action Require	tive	Date o Mainte Correc	n Which enance or stive Action entified?	Notes	
1. Equipment Refueling	□Yes	⊠No	□Yes	⊠No	[Enter	date]		
Staging Area	<b>—</b>		<b>—</b>		-			
2. Hydraulic Lines	Hydraulic Lines		□Yes	⊠No	[Enter	datej		
Staging/Work Areas		⊠No	□Yes	⊠No	[Enter	date]		
3. Equipment Maintenance					(Enter	datal		
Staging Area	∟Yes	⊠No	□Yes	ЫNO	[Enter	ualej		
4. Sanitary Toilets	□Yes	⊠No	□Yes	⊠No	[Enter	date]		
Staging Area					[Entor	datal		
5. Vehicle Accident	∟Yes	⊠No	□Yes	凶No	[Enter	ualej		
Entire Site	. 🗆 Yes	⊠No	. 🗆 Yes	⊠No	[Enter	date]		Dogo 2 of 7

#### Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G Inspection Date: 10/05/2021

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Staging/Work Areas				
8. Concrete Washout	□Yes⊠No	□Yes⊠No	[Enter date]	

\* Note: The permit differentiates between conditions requiring routine maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition. Corrective actions are triggered only for specific conditions, which include: 1) A stormwater control needs repair or replacement (beyond routine maintenance) if it is not operating as intended; 2) A stormwater control necessary to comply with the permit was never installed or was installed incorrectly; 3) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 4) One of the prohibited discharges in Part 1.3 is occurring or has occurred; or 5) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.8. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at <a href="https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources">https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources</a>. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CGP Part 2.2.14)					
Stabilization Area [insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes		
<ol> <li>Earthen access road leading to stockpile area</li> </ol>	Straw mulch or hydroseed	⊠Yes 7/30/2021 □No	The stockpile area and associated access road have been hydroseeded. Germination has begun and the area will be monitored for successful establishment.		
2. Informal access road along northern portion of the Site	Straw mulch or hydroseed	☐Yes [Enter date] ⊠No	Erosion channels are beginning to form within upgradient portions of the informal access road (Figure 1). The contractor indicated that stabilization by smoothing out soils and seeding or spreading mulch would occur on 7/30/2021. Stabilization of this area has not been initiated. After inspection of the area on 8/24/2021, it was determined that		

nspection Date: 10/05/2021			
			temporary swales would likely alleviate the issue of channelization in this area; however, these swales will not be constructed until work resumes at the Site in October (pending local approval). This area will continue to be monitored; however, stabilization is not required since the area is not discharging sediment beyond the limits of work.
<ol> <li>Area beyond the limits of work at Discharge 1</li> </ol>	Hand application of seed	⊠Yes 8/24/2021 □No	The sediment deposit previously observed has been removed from beyond the limits of work and the area has been seeded. No sediment migrated within 50 feet of a "water of the US". Straw and additional seed was applied on 8/24/2021 and will be monitored for successful establishment.
<ol> <li>Area beyond limits of work at Discharge 2</li> </ol>	Hand application of seed	☐Yes Enter Date ⊠No	Stabilization required

Description of Discharges (CGP Part 4.6.6)					
Was a stormwater discharge or other discharge occurring from any part of your site at the time of the inspection? $\Box$ Yes $\boxtimes$ No If "yes", provide the following information for each point of discharge:					
Discharge Location	Observations				
Discharge 1	Describe the discharge: Breach in silt fence allowed runoff to bypass erosion controls. At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether modification, maintenance, or corrective action is needed to resolve the issue: Small areas of bare soil observed in area immediately beyond perimeter controls. Repairs to erosion controls and re-seeding of damaged areas is required.				

### Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G Inspection Date: 10/05/2021

### Contractor or Subcontractor Signature and Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Contractor or Subcontractor:

Date:

Printed Name and Affiliation:

**Operator Signature and Certification** 

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

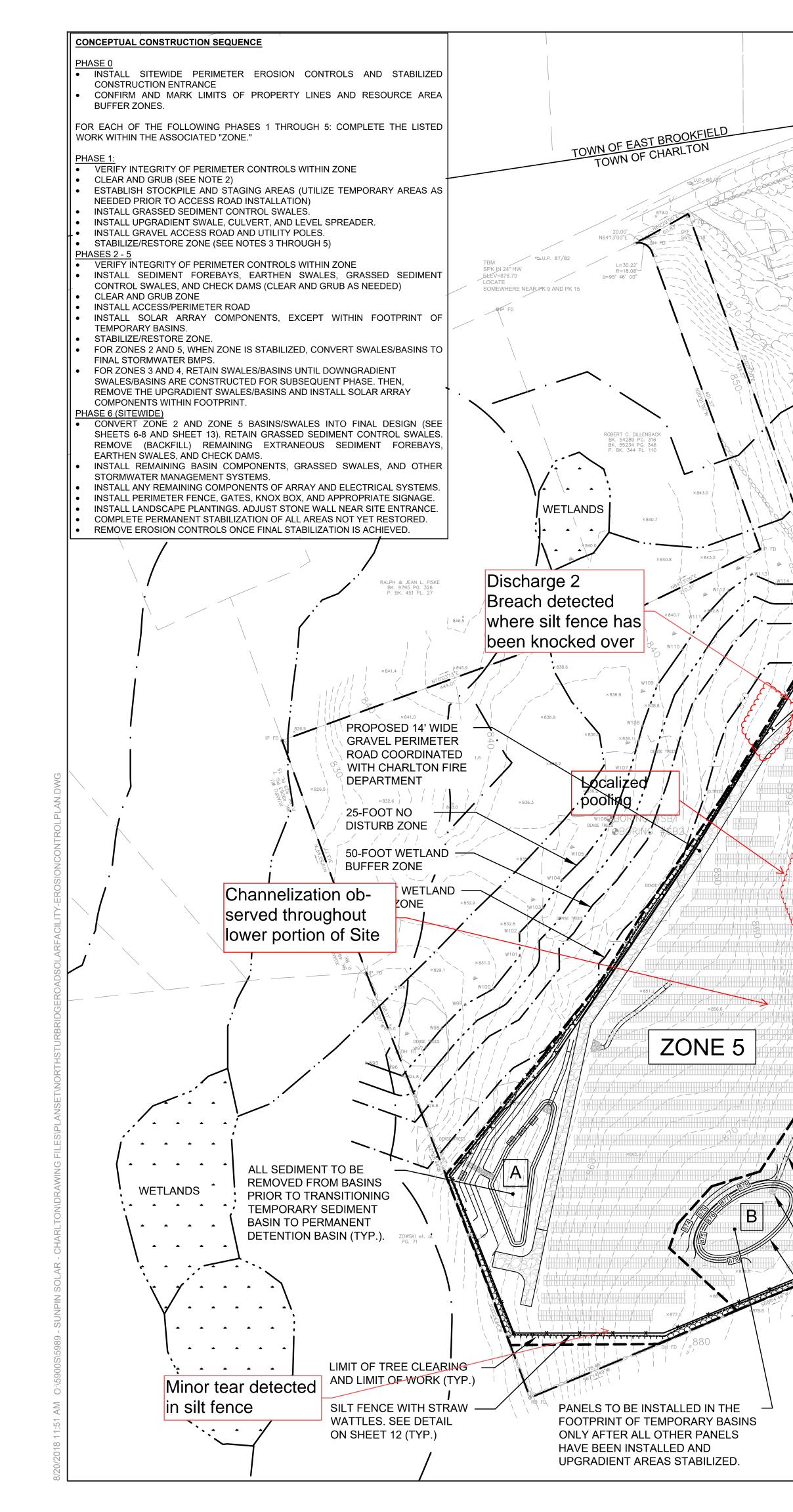
Signature of Operator or "Duly Authorized Representative":

Ce 4. Date:

Chanler Florian

10/05/2021

Printed Name and Affiliation:



## Discharge 1 (ADDRESSED)

# Location of channelization within machinery tracks

NOTES:

ZONE 3

ZONE

# ZONE 2

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STUMPS TO REMAIN IN UNDEVELOPED — AREAS BETWEEN FENCE AND PROPOSED TREELINE (TYP.)

ZONE 4

PROPOSED 7'-6" HIGH CHAIN-LINK PERIMETER FENCE 6" OFF GROUND. LIMIT OF GRUBBING AND TOPSOIL REMOVAL AT FENCELINE (TYP.)

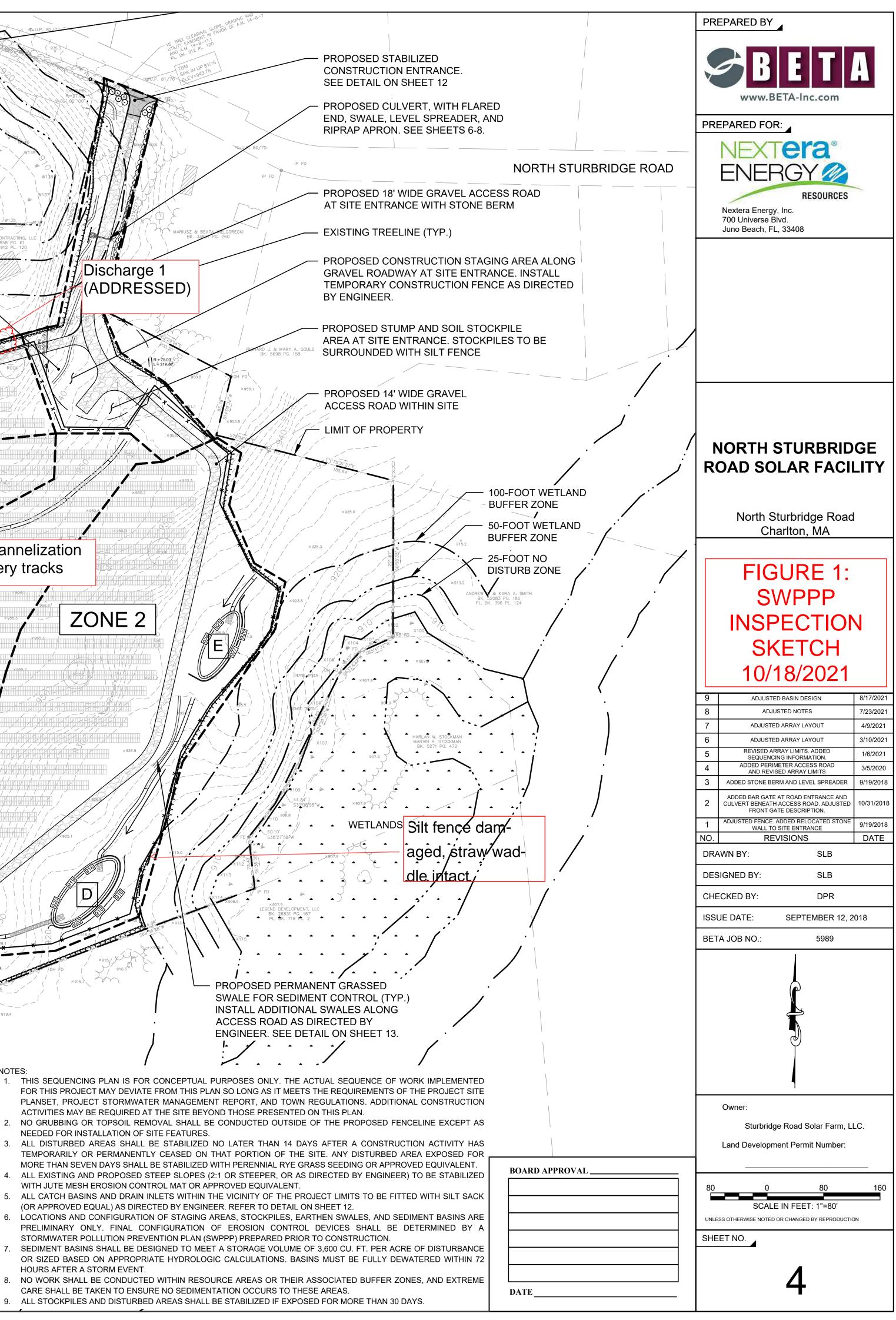
TEMPORARY EARTHEN SWALE (TYP.). SLOPE NOT TO EXCEED 5%

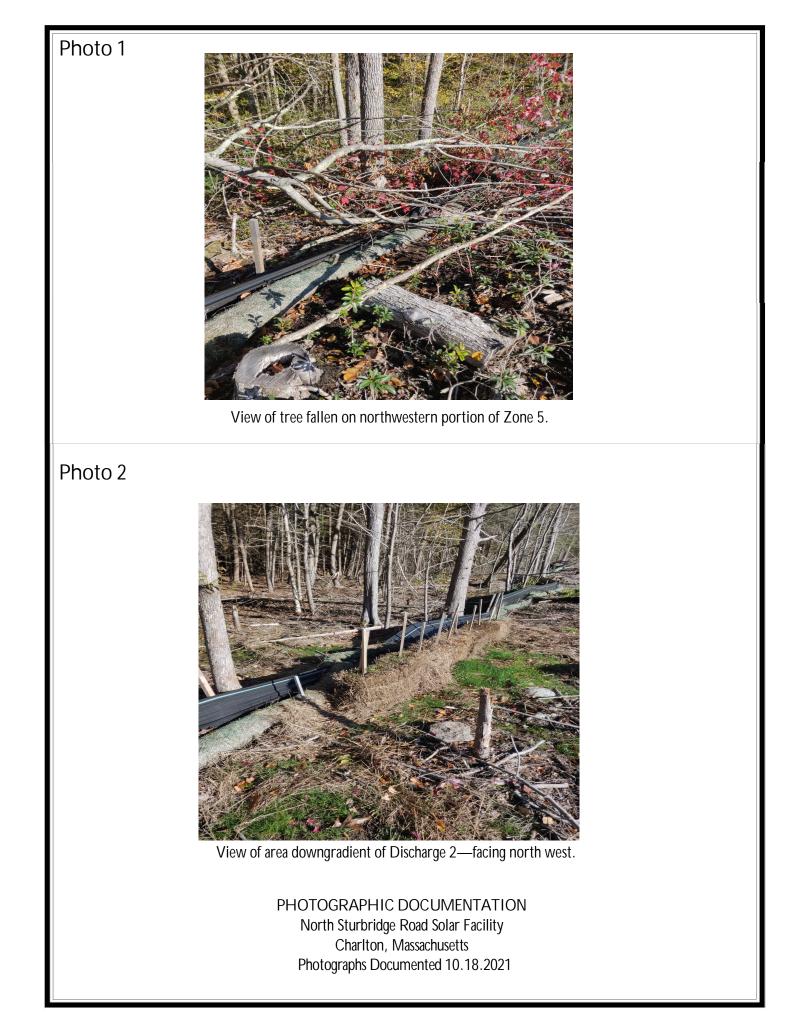
STONE CHECK DAM SPACED AT MAXIMUM 100' INTERVAL (TYP.) · RIPRAP APRON (TYP.)

**TEMPORARY SEDIMENT** BASIN (TYP.)

1. THIS SEQUENCING PLAN IS FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL SEQUENCE OF WORK IMPLEMENTED FOR THIS PROJECT MAY DEVIATE FROM THIS PLAN SO LONG AS IT MEETS THE REQUIREMENTS OF THE PROJECT SITE PLANSET, PROJECT STORMWATER MANAGEMENT REPORT, AND TOWN REGULATIONS. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE REQUIRED AT THE SITE BEYOND THOSE PRESENTED ON THIS PLAN.

- NEEDED FOR INSTALLATION OF SITE FEATURES 3. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER A CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED ON THAT PORTION OF THE SITE. ANY DISTURBED AREA EXPOSED FOR MORE THAN SEVEN DAYS SHALL BE STABILIZED WITH PERENNIAL RYE GRASS SEEDING OR APPROVED EQUIVALENT
- 4. ALL EXISTING AND PROPOSED STEEP SLOPES (2:1 OR STEEPER, OR AS DIRECTED BY ENGINEER) TO BE STABILIZED WITH JUTE MESH EROSION CONTROL MAT OR APPROVED EQUIVALENT. 5. ALL CATCH BASINS AND DRAIN INLETS WITHIN THE VICINITY OF THE PROJECT LIMITS TO BE FITTED WITH SILT SACK
- (OR APPROVED EQUAL) AS DIRECTED BY ENGINEER. REFER TO DETAIL ON SHEET 12. 6. LOCATIONS AND CONFIGURATION OF STAGING AREAS, STOCKPILES, EARTHEN SWALES, AND SEDIMENT BASINS ARE PRELIMINARY ONLY. FINAL CONFIGURATION OF EROSION CONTROL DEVICES SHALL BE DETERMINED BY A
- STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED PRIOR TO CONSTRUCTION SEDIMENT BASINS SHALL BE DESIGNED TO MEET A STORAGE VOLUME OF 3,600 CU. FT. PER ACRE OF DISTURBANCE OR SIZED BASED ON APPROPRIATE HYDROLOGIC CALCULATIONS. BASINS MUST BE FULLY DEWATERED WITHIN 72 HOURS AFTER A STORM EVENT
- 8. NO WORK SHALL BE CONDUCTED WITHIN RESOURCE AREAS OR THEIR ASSOCIATED BUFFER ZONES, AND EXTREME CARE SHALL BE TAKEN TO ENSURE NO SEDIMENTATION OCCURS TO THESE AREAS. ALL STOCKPILES AND DISTURBED AREAS SHALL BE STABILIZED IF EXPOSED FOR MORE THAN 30 DAYS.





### Photo 3



View of the damaged silt fence in southern perimeter of Site —facing south.



View of damaged silt fence in south west portion of the Site -facing south west

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 10.18.2021

# Photo 3



View of the water pooling in western perimeter of Site —facing east.

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 10.18.2021