|   | General Information |  |   |   |                        |                                    |  |  |
|---|---------------------|--|---|---|------------------------|------------------------------------|--|--|
| Weather<br>conditions during<br>inspection  | 68ºF,               | cloudy   | Inspection  | 9:00AM  | Inspection end<br>time | 10:00 AM                           |  |  |
| Inspector Name, Title<br>Contact Information  | &                   | Chanler Florian, Environmenta<br>cflorian@beta-inc.com   |   | p, Inc.)<br>3297045   |                        |                                    |  |  |
| Phase 1. NOTE: The a<br>Present Phase of Construction However, the entiret  |                     |  | bad and stabilized construction entrance has been established pursuant to the Phase 1 scope of work.<br>Site 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  | (0 North Sturbridge Road, Charl   | ton, MA 01507)         |                                    |  |  |
| Standard Frequency:   |                     |  | ·   | erent areas of the site. Check all tha<br>m snowmelt sufficient to cause a  |                        |                                    |  |  |
| Increased Frequency   | /:                  |  |   | to sediment or nutrient-impaired  |                        | rs designated as Tier 2, Tier 2.5, |  |  |
|   | t month, n          | , , , , , , , , , , , , , , , , , , ,  |   | month after first month; (for stabi<br>e within 24 hours of a 0.25" rain (1 | •                      | 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)<br>Once per month (for frozen conditions where earth-disturbing activities are being conducted) |                     |  |   |   |                        |                                    |  |  |
|   | ou determi          | y a 0.25" storm event? 🛛 Yes<br>ned whether a 0.25" storm event<br>🏾 Weather station represent | t has occurred?   | veather station source: Worces  | ter Regional Airport   |                                    |  |  |
| Total rainfall amount that triggered 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<br>Needed?*   |     |              |   |  |  |
| 1. Silt Fence and Straw Wattles                                      | Yes (As of<br>9/2/2021)   | No  | 9/2/<br>2021 | A breach was observed at Discharge 2. Although the double row of<br>straw bales is intact, silt fence was observed to be knocked over<br>and signs of stormwater flow were detected in the area beyond the<br>fence.<br>A minor tear was identified in a section of silt fence on the southern<br>side of the Site with no erosion observed.<br>Minor degradation of a straw wattle was observed on the<br>southeastern side of the Site; no erosion was observed but pools of<br>water were found to be forming behind the straw wattle. |  |  |
| 2. Stabilized Construction Entrance<br>(Site Entrance – Access Road) | No (As of<br>9/2/2021)  | No  |              | A tree was knocked over and laying on the silt fence on the on the<br>northwestern portion of the site in Zone 5.<br>Hydroseed was applied to exposed soil in this area and continues to<br>germinate, some grass seedlings are now observed.   |  |  |
| 3. Stump and Soil Stockpile Area                                     | No (As of<br>7/22/2021)   | No  |              | germinate, some grass seedlings are now observed.   |  |  |
| 4. Dust Controls   | N/A   | N/A |              |   |  |  |
| 5. Jute Mesh<br>(Steep Slopes)                                       | N/A   | N/A |              |   |  |  |
| 6. Temporary Seeding   | No (As of<br>9/2/<br>2021)  | No  | 7/22/2021    | Hydroseed has been applied to the earthen access road and hand-<br>application of seed was performed within the area beyond the limit of<br>work that was subjected to Discharge 1. Germination was   |  |  |

|  |                 |        |                             |            |                            |   |          | observed within areas of disturbed soils within the limits of work;<br>however, little to no germination was observed within the disturbed<br>area downgradient of the limit of work. Additional seed should be |
|--|-----------------|--------|-----------------------------|------------|----------------------------|---|----------|---|
|  |                 |        |                             |            |                            | 8/24/2021   |          | hand-applied in this area.<br>The areas downgradient of Discharges 1 and 2 have been stabilized<br>with straw and seed. These areas will be monitored for germination<br>and stabilization.                     |
| 7. Topsoil Re-Use  |                 | N/A    |                             | N/A        |                            |   |          |   |
| 8. Storm Drain Inlets  |                 | N/A    |                             | N/A        |                            |   |          |   |
| (North Brookfield Road)  |                 |        |                             |            |                            |   |          |   |
| 9. Temporary Drainage Swales   | 6               | N/A    |                             | N/A        |                            |   |          |   |
| (Throughout Site)  |                 | N/A    |                             | N/A        |                            |   |          |   |
| 10. Tomporany Sodimont Pasing  |                 | Condi  | tion and                    | l Fffectiv | eness (                    | of Pollution P                                    | reventio | on (P2) Practices (CGP Part 2.3)  |
| Type/Location of P2 Practices<br>[insert additional rows if<br>applicable] | Mainte<br>Neede | enance | Correc<br>Action<br>Require | tive       | Date c<br>Mainte<br>Correc | n Which<br>enance or<br>ctive Action<br>entified? | Notes    |   |
| 1. Equipment Refueling   | □Yes            | ⊠No    | □Yes                        | ⊠No        | [Enter                     | date]   |          |   |
| Staging Area   |                 |        |                             |            |                            |   |          |   |
| 2. Hydraulic Lines   | ∐Yes            | ⊠No    | □Yes                        | ⊠No        | [Enter                     | date]   |          |   |
| Staging/Work Areas   | □Yes            | ⊠No    | □Yes                        | ⊠No        | [Enter                     | date]   |          |   |
| 3. Equipment Maintenance   |                 |        |                             |            | (Enter)                    | det al  |          |   |
| Staging Area   | ⊔Yes            | ⊠No    | □Yes                        | 凶No        | [Enter                     | datej   |          |   |
| 4. Sanitary Toilets  | □Yes            | ⊠No    | □Yes                        | ⊠No        | [Enter                     | date]   |          |   |
| Staging Area   |                 |        |                             |            | [Enter                     | datal   |          |   |
| 5. Vehicle Accident  | ∟Yes            | ⊠No    | □Yes                        | 凶NO        | LEILIEL                    | ualej   |          |   |
| Entire Site  | □Yes            | ⊠No    | □Yes                        | ⊠No        | [Enter                     | date]   |          |   |

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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<br>[insert additional rows if applicable]          | Stabilization Method     | Have You Initiated<br>Stabilization? | Notes   |  |  |
| <ol> <li>Earthen access road leading to<br/>stockpile area</li> </ol> | Straw mulch or hydroseed | ⊠Yes 7/30/2021 □No                   | The stockpile area and associated access road have been<br>hydroseeded. Germination has begun and the area will be<br>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<br>portions of the informal access road (Figure 1). The<br>contractor indicated that stabilization by smoothing out soils<br>and seeding or spreading mulch would occur on 7/30/2021.<br>Stabilization of this area has not been initiated. After<br>inspection of the area on 8/24/2021, it was determined that |  |  |

| nspection Date: 09/29/2021  |                          |                     |   |
|---|--------------------------|---------------------|---|
|   |                          |                     | temporary swales would likely alleviate the issue of<br>channelization in this area; however, these swales will not be<br>constructed until work resumes at the Site in October<br>(pending local approval) This area will continue to be<br>monitored; however, stabilization is not required since the<br>area is not discharging sediment beyond the limits of work. |
| <ol> <li>Area beyond the limits of work at<br/>Discharge 1</li> </ol> | Hand application of seed | ⊠Yes 8/24/2021 □No  | The sediment deposit previously observed has been<br>removed from beyond the limits of work and the area has<br>been seeded. No sediment migrated within 50 feet of a<br>"water of the US". Straw and additional seed was applied on<br>8/24/2021 and will be monitored for successful<br>establishment.  |
| <ol> <li>Area beyond limits of work at<br/>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.<br>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? Xes No<br>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. |  |  |  |  |

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### 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."

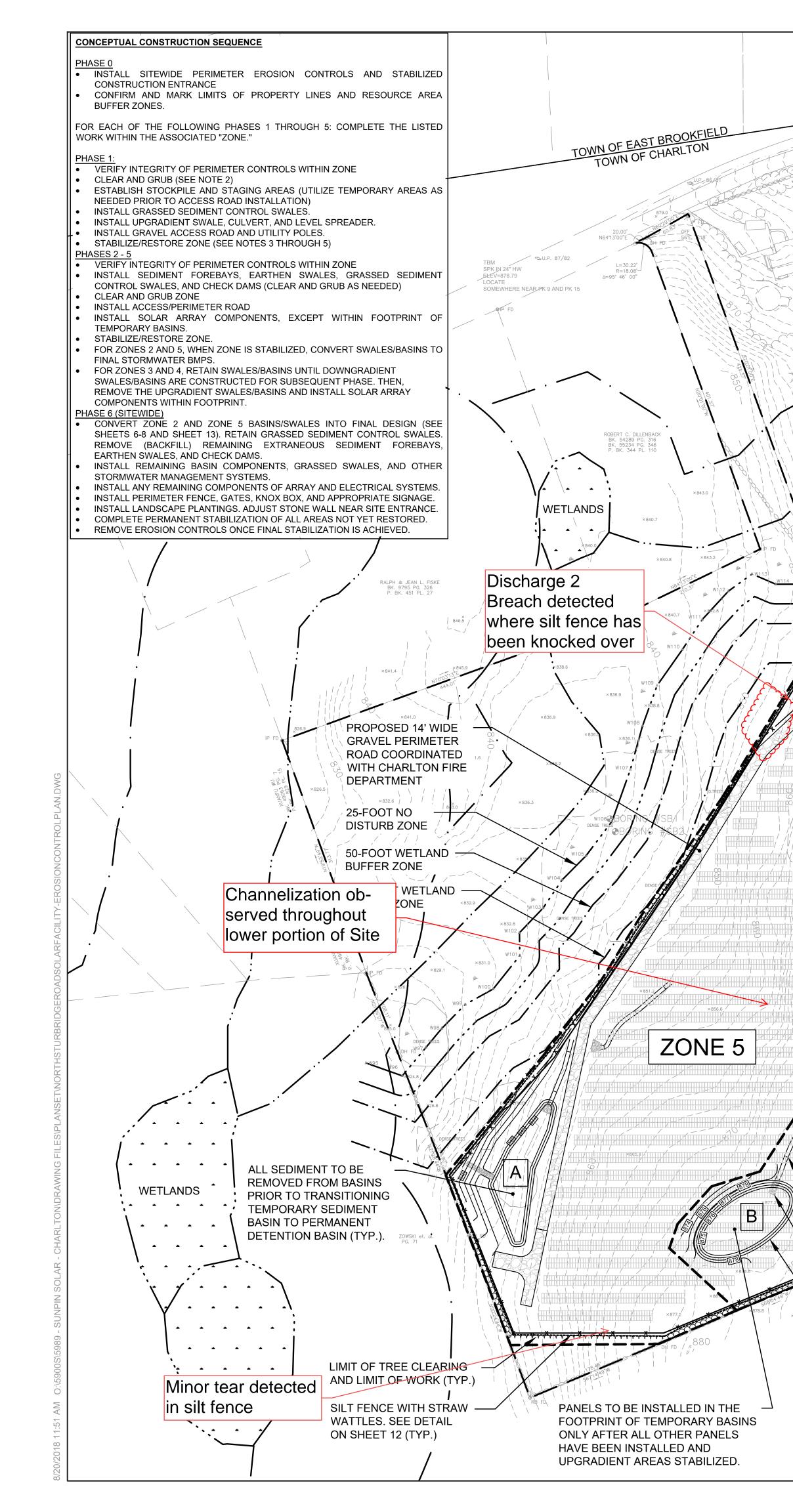
Signature of Operator or "Duly Authorized Representative":

Date:

Chanler Florian

9/29/2021

Printed Name and Affiliation:



# Discharge 1 (ADDRESSED) ZONE Location of channelization within machinery tracks ZONE 2 F ZONE 3 ZONE 4

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

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.)

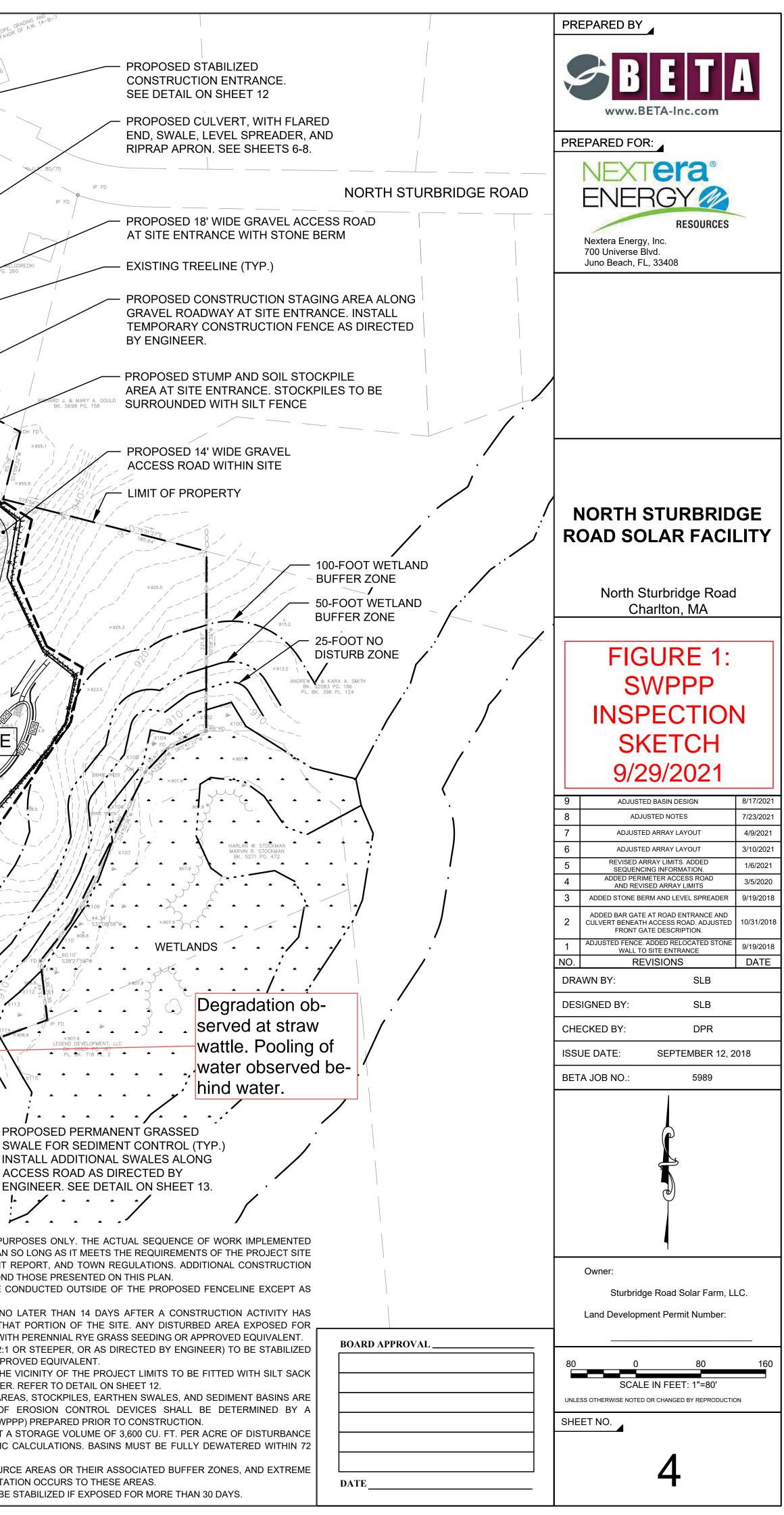
NOTES: 1. THIS SEQUENCING PLAN IS FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL SEQUENCE OF WORK IMPLEMENTED FOR THIS PROJECT MAY DEVIATE FROM THIS PLAN SO LONG AS IT MEETS THE REQUIREMENTS OF THE PROJECT SITE PLANSET, PROJECT STORMWATER MANAGEMENT REPORT, AND TOWN REGULATIONS. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE REQUIRED AT THE SITE BEYOND THOSE PRESENTED ON THIS PLAN. 2. NO GRUBBING OR TOPSOIL REMOVAL SHALL BE CONDUCTED OUTSIDE OF THE PROPOSED FENCELINE EXCEPT AS

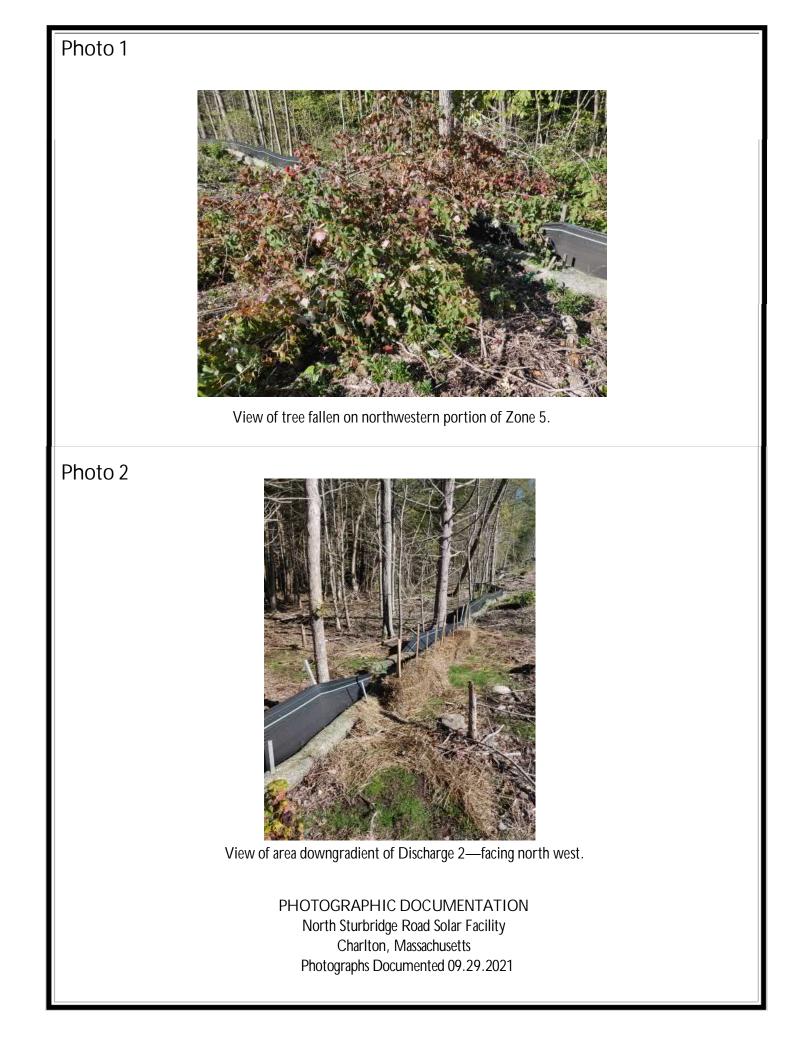
NEEDED FOR INSTALLATION OF SITE FEATURES 3. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER A CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED ON THAT PORTION OF THE SITE. ANY DISTURBED AREA EXPOSED FOR MORE THAN SEVEN DAYS SHALL BE STABILIZED WITH PERENNIAL RYE GRASS SEEDING 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 east portion of the Site -facing south east

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 09.29.2021