

# **Stormwater Pollution Prevention Plan (SWPPP) for Construction Activity for Large Construction Sites**

**National Pollutant Discharge Elimination System (NPDES)  
General Permit # ARR150000**

**Prepared for:  
Sun Hog Solar – Bryant School District (SD)  
Bryant, Arkansas**

**Date:  
May 15, 2025**



A  **terracon** Company

ARR150000 – Scenic Hill Solar – Bryant SD

Project Name and Location: Scenic Hill Solar –Bryant SDProperty Parcel Number (Optional): 840-11623-030Operator Name and Address: SCENIC HILL SOLAR XLV, LLC

## A. Site Description

- a. Project description intended use after NOI is filed: Scenic Hill Solar plans on creating a solar array near Bryant, Arkansas on the Scenic Hill Solar site. The subject property is approximately 11.35 acres of soil disturbance, with a total site area of approximately 27.45 acres.
- b. Sequence of major activities which disturb soils: NOC's will be posted, BMPs will be installed. The array area will be cleared, array installed and seeded within 14 days of earth disturbing activities are completed.
- c. Total Area<sup>1</sup>: 27.45                      Disturbed Area<sup>2</sup>: 11.35
- d. Soils Information:
- Runoff Coefficient Pre-Construction (See Appendix A) : 0.10
  - Runoff Coefficient Post-Construction (See Appendix A) : 0.38
  - Describe the soil or the quality of any discharge from the site: silt loam

## B. Responsible Parties

*Be sure to assign all SWPPP related activities to an individual or position; even if the specific individual is not yet known (i.e. contractor has not been chosen).*

Individual/Company	Phone Number	Service Provided for SWPPP (i.e., Inspector, SWPPP revisions, Stabilization Activities, BMP Maintenance, etc.)
Brian Brown	713-826-0630	Inspector, Construction Manager
Carrie Kyhl	501-707-0555	Responsible Official

## C. Receiving Waters

- a. The following waterbody (or waterbodies) receives stormwater from this construction site: Unnamed tributaries to Hurricane Creek, to Hurricane Lake, then to Saline River thence to the Ouachita River
- b. Is the project located within the jurisdiction of an MS4? ☒ Yes ☐ No
- If yes, Name of MS4: City of Bryant
- c. Ultimate Receiving Water:
- |  |  |
|--|--|
| <input type="checkbox"/> Red River                 | <input type="checkbox"/> White River       |
| <input checked="" type="checkbox"/> Ouachita River | <input type="checkbox"/> St. Francis River |
| <input type="checkbox"/> Arkansas River            | <input type="checkbox"/> Mississippi River |

D. Documentation of Permit Eligibility Related to the 303(d) list and Total Maximum Daily Loads (TMDL) (<https://www.adeg.state.ar.us/water/planning/>)

a. Does the stormwater enter a waterbody on the 303(d) list or with an approved TMDL? ☐ Yes ☒ No

b. If yes:

- i. Waterbody identified on 303(d) list: \_\_\_\_\_
- ii. Pollutant addressed on 303(d) list or TMDL: \_\_\_\_\_
- iii. This specific project, or generally construction activity i.e. surface erosion, is identified on 303(d) list or associated assumptions and allocations identified in the TMDL for the discharge: ☐ Yes ☐ No
- iv. Additional controls implemented: \_\_\_\_\_

E. Attainment of Water Quality Standards After Authorization

- a. Sediment- and erosion-control measures along the construction project such as silt fences and rock check dams will be installed prior to ground disturbing activities begin to minimize the discharge of sediment and other pollutants into surrounding water bodies. The controls will be implemented and updated as necessary to be stringent enough to prevent an excursion above applicable water quality standards.
- b. At any time after authorization, the Department may determine that the stormwater discharges may cause, have reasonable potential to cause, or contribute to an excursion above any applicable water quality standard. If such a determination is made, the Department will require the permittee to:
  - i. Develop a supplemental BMP action plan describing SWPPP modifications to address adequately the identified water quality concerns and submit valid and verifiable data and information that are representative of ambient conditions and indicate that the receiving water is attaining water quality standards; or
  - ii. Cease discharges of pollutants from construction activity and submit an individual permit application.

I understand and agree to follow the above text regarding the attainment of water quality standards after authorization. ☒ Yes ☐ No

F. Site Map Requirements (Attach Site Map):

- a. Pre-construction topographic view;

- b. Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after grading activities;
- c. Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit;
- d. Location of major structural and nonstructural controls identified in the plan;
- e. Location of main construction entrance and exit;
- f. Location where stabilization practices are expected to occur;
- g. Locations of off-site materials, waste, borrow area, or equipment storage area;
- h. Location of areas used for concrete wash-out;
- i. Location of all surface water bodies (including wetlands) with associated natural buffer boundary lines. Identify floodplain and floodway boundaries, if available;
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable,
- k. Locations where stormwater is discharged off-site (should be continuously updated);
- l. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply;
- m. A legend that identifies any erosion and sediment control measure symbols/labels used in the site map and/or detail sheet; and
- n. Locations of any storm drain inlets on the site and in the immediate vicinity of the site.

G. Stormwater Controls

- a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:

- i. Initial Site Stabilization: Most of the present vegetation will be cleared. Erosion- and sediment-control BMPs will be installed as necessary to protect drainage paths prior to earth-disturbing activities.
- ii. Erosion and Sediment Controls: good housekeeping practices, BMP installation before clearing begins, maintenance completed within 14 days of an inspection report noting deficiencies.
- iii. If periodic inspections or other information indicates a control has been used inappropriately or incorrectly, the operator will replace or modify the control for site situations: ☒ Yes ☐ No

If No, explain: \_\_\_\_\_  
\_\_\_\_\_

- iv. Off-site accumulations of sediment will be removed at a frequency sufficient to minimize off-site impacts: ☒ Yes ☐ No  
If No, explain: \_\_\_\_\_
- v. Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 50%: ☒ Yes ☐ No  
If No, explain: \_\_\_\_\_
- vi. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges: ☒ Yes ☐ No  
If No, explain: \_\_\_\_\_
- vii. Off-site material storage areas used solely by the permitted project are being covered by this SWPPP: ☐ Yes ☒ No  
If Yes, explain additional BMPs implemented at off-site material storage area: \_\_\_\_\_

b. Stabilization Practices

- i. Description and Schedule: For this project, adequate measures needed to limit erosion at this site will consist of installing silt fencing and/or rock check dams as needed. Specifically, areas around newly disturbed and graded surfaces will be protected using primarily silt fences, rock check dams as needed, and a gravel site entrance to reduce erosion and sediment transport.
- ii. Are buffer areas required? ☒ Yes ☐ No  
If Yes, are buffer areas being used? ☒ Yes ☐ No

If Yes, describe natural buffer areas: natural buffer areas will remain at a minimum of 25 feet from any jurisdictional wetland and streams

If No, explain why not: \_\_\_\_\_

- iii. A record of the dates when grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated shall be included with the plan. ☒ Yes ☐ No

If No, explain: \_\_\_\_\_

iv. Deadlines for stabilization:

1. Stabilization procedures will be initiated 14 days after construction activity temporarily ceases on a portion of the site.
2. Stabilization procedures will be initiated immediately in portions of the site where construction activities have permanently ceased.

c. Structural Practices

i. Describe any structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site: Silt fences will be installed, and rock check dams will be used to slow water down if needed.

ii. Describe Velocity Dissipation Devices: Rock check dams and hay bales will be utilized as velocity dissipation devices.

iii. Sediment Basins:

Are 10 or more acres draining to a common point? ☐ Yes ☒ No

Is a sediment basin included in the project? ☐ Yes ☒ No

If Yes, what is the designed capacity for the storage?

☐ 3600 cubic feet per acre = : \_\_\_\_\_

or

☐ 10 year, 24 hour storm = : \_\_\_\_\_

☐ Other criteria were used to design basin: \_\_\_\_\_

If No, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead: Natural buffers, silt fences and the amount of room left on the site prevents a sediment pond. Scenic Hill Solar has met with City of Bryant to mitigate the sediment pond.

H. Other Controls

a. Solid materials, including building materials, shall be prevented from being discharged to Waters of the State: ☒ Yes ☐ No

b. Off-site vehicle tracking of sediments and the generation of dust shall be minimized through the use of:

☒ A stabilized construction entrance and exit

☐ Vehicle tire washing

☐ Other controls, describe: \_\_\_\_\_

c. Temporary Sanitary Facilities: If temporary sanitary facilities are needed, they will be placed inside the silt fence to prevent site runoff from leaving the site.

d. Concrete Waste Area Provided:

☒ Yes

☐ No. Concrete is used on the site, but no concrete washout is provided.

Explain why: \_\_\_\_\_

☐ N/A, no concrete will be used with this project

e. Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas: \_\_\_\_\_

I. Non-Stormwater Discharges

a. The following allowable non-stormwater discharges comingled with stormwater are present or anticipated at the site:

☐ Fire-fighting activities;

☐ Fire hydrant flushings;

☐ Water used to wash vehicles (where detergents or other chemicals are not used) or control dust in accordance with Part II.A.4.H.2;

☐ Potable water sources including uncontaminated waterline flushings;

☐ Landscape Irrigation;

☐ Routine external building wash down which does not use detergents or other chemicals;

☐ Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents or other chemicals are not used;

☐ Uncontaminated air conditioning, compressor condensate (See Part I.B.13.C of the permit);

☐ Uncontaminated springs, excavation dewatering and groundwater (See Part I.B.13.C of the permit);

☐ Foundation or footing drains where flows are not contaminated with process materials such as solvents (See Part I.B.13.C of the permit);

b. Describe any controls associated with non-stormwater discharges present at the site: No anticipated non-stormwater discharges are expected to occur.

J. Permanent Controls for Post-Construction Stormwater Management:

Describe measures installed during the construction process to control pollutants in stormwater discharges that will occur after construction operations have been completed: All disturbed areas will be seeded and mulched within 14 days of completing work activities that resulted in the disturbance of soil. The seeding of the areas will be done more than one time if adequate turf coverage is not accomplished in the first seeding event.

K. Applicable State or Local Programs: The SWPPP will be updated as necessary to reflect any revisions to applicable federal, state, or local requirements that affect the stormwater controls implemented at the site. ☒ Yes ☐ No

L. Inspections

a. Inspection frequency:

☒ Every 7 calendar days

or

☐ At least once every 14 calendar days and within 24 hours of the end of a storm even 0.25 inches or greater (a rain gauge must be maintained on-site)

b. Inspections:

Completed inspection forms will be kept with the SWPPP.

☒ ADEQ's inspection form will be used (See Appendix B)

or

☐ A form other than ADEQ's inspection form will be used and is attached (See inspection form requirements Part II.A.4.L.2)

c. Inspection records will be retained as part of the SWPPP for at least 3 years from the date of termination.

d. It is understood that the following sections describe waivers of site inspection requirements. All applicable documentation requirements will be followed in accordance with the referenced sections.

i. Winter Conditions (Part II.A.4.L.4)

ii. Adverse Weather Conditions (Part II.A.4.L.5)

M. Maintenance:

The following procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good, effective operating condition will be followed: All disturbed areas will be seeded and mulched within 14 days of completing work activities that resulted in the disturbance of soil. The seeding of the areas will be done more than one time if adequate turf coverage is not accomplished in the first seeding event.

Any necessary repairs will be completed, when practicable, before the next storm event, but not to exceed a period of 3 business days of discovery, or as otherwise directed by state or local officials.

N. Employee Training:

The following is a description of the training plan for personnel (including contractors and subcontractors) on this project: Scenic Hill Solar employees and contractors whose normal duties could potentially affect stormwater discharges and installed BMPs will be trained on contents of the SWPPP. Personnel will be trained in their responsibilities while on-site. At a minimum, training will include brief discussions on the following: contents of the SWPPP, summary of stormwater BMPs used on the project, and review of reporting requirements in the case of a spill or damage to a BMP.

\*\*Note, Formal training classes given by Universities or other third-party organizations are not required, but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.



Certification

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible or Cognizant Official: \_\_\_\_\_

*Carrie Kyhl*

Title: \_\_\_\_\_

*COO*

Date: \_\_\_\_\_

*5/15/25*

# Computation Sheet for Determining Runoff Coefficients

Appendix A

Total Site Area = 27.45 Acres [A]

## Existing Site Conditions

Impervious Site Area <sup>1</sup> = 0 Acres [B]

Impervious Site Area Runoff Coefficient <sup>2, 4</sup> = 0.95

Pervious Site Area <sup>3</sup> = 27.45 Acres [D]

Pervious Site Area Runoff Coefficient <sup>4</sup> = 0.10 [E]

## Pre-Construction Runoff Coefficient

$$\frac{[B \times C] + [D \times E]}{[A]} = 0.1$$

## Proposed Site Conditions (after construction)

Impervious Site Area <sup>1</sup> = 11.35 Acres [F]

Impervious Site Area Runoff Coefficient <sup>2, 4</sup> = 0.80 [G]

Pervious Site Area <sup>3</sup> = 16.1 Acres [H]

Pervious Site Area Runoff Coefficient <sup>4</sup> = 0.10 [I]

## Post-Construction Runoff Coefficient

$$\frac{[F \times G] + [H \times I]}{[A]} = 0.38$$

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. Refer to local Hydrology Manual for typical C values.

Note: The impervious and pervious surfaces should equal the total area.

**ARR150000 Inspection Form**

Appendix B

Inspector Name: \_\_\_\_\_

Date of Inspection: \_\_\_\_\_

Inspector Title: \_\_\_\_\_

Date of Rainfall: \_\_\_\_\_

Duration of Rainfall: \_\_\_\_\_

Days Since Last Rain Event: \_\_\_\_\_ days

Rainfall Since Last Rain Event: \_\_\_\_\_ inches

Description of any Discharges During Inspection: \_\_\_\_\_

Location of Discharges of Sediment/Other Pollutant (specify pollutant &amp; location): \_\_\_\_\_

Locations in Need of Additional BMPs: \_\_\_\_\_

**Information on Location of Construction Activities**

Location	Activity Begin Date	Activity Occurring Now (y/n)?	Activity Ceased Date	Stabilization Initiated Date	Stabilization Complete Date

**Information on BMPs in Need of Maintenance**

Location	In Working Order?	Maintenance Scheduled Date	Maintenance Completed Date	Maintenance to be Performed By

Changes required to the SWPPP: \_\_\_\_\_

Reasons for changes: \_\_\_\_\_

SWPPP changes completed (date): \_\_\_\_\_

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate 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 am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible or Cognizant Official: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

# BMP Consideration Checklist

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP should be checked as "Not Used" with a brief statement describing why it is not being used.

**Note: Appendix C and D do not have to be submitted with the SWPPP. These attachments are for use during the development of the SWPPP.**

EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
EC-1 Scheduling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
EC-2 Preservation of Existing Vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
EC-3 Hydraulic Mulch	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
EC-4 Hydroseeding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
EC-5 Soil Binders	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
EC-6 Straw Mulch	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
EC-7 Geotextiles & Mats	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
EC-8 Wood Mulching	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
EC-9 Earth Dikes & Drainage Swales	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EC-10 Velocity Dissipation Devices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EC-11 Slope Drains	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EC-12 Stream bank Stabilization	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SEDIMENT CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
SE-1 Silt Fence	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
SE-2 Sediment Basin	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-3 Sediment Trap	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-4 Check Dam	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
SE-5 Fiber Rolls	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-6 Gravel Bag Berm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-7 Street Sweeping and Vacuuming	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
SE-8 Sand Bag Barrier	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-9 Straw Bale Barrier	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
SE-10 Storm Drain Inlet Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
SE-11 Chemical Treatment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WIND EROSION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WE-1 Wind Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary

# BMP Consideration Checklist

Appendix C

TRACKING CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
TR-1 Stabilized Construction Entrance/Exit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
TR-2 Stabilized Construction Roadway	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
TR-3 Entrance/Outlet Tire Wash	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NON-STORM WATER MANAGEMENT BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
NS-1 Water Conservation Practices	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-2 Dewatering Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-3 Paving and Grinding Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-4 Temporary Stream Crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-5 Clear Water Diversion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-6 Illicit Connection/ Discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-7 Potable Water/Irrigation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-8 Vehicle and Equipment Cleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-9 Vehicle and Equipment Fueling	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-10 Vehicle and Equipment Maintenance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-11 Pile Driving Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-12 Concrete Curing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-13 Concrete Finishing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-14 Material and Equipment Use Over Water	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-15 Demolition Adjacent to Water	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
NS-16 Temporary Batch Plants	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL BMPs				
BMP	BMP Considered for project	BMP Used	BMP Not Used	If not used, state reason
WM-1 Material Delivery and Storage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
WM-2 Material Use	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
WM-3 Stockpile Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
WM-4 Spill Prevention and Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
WM-5 Solid Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WM-6 Hazardous Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WM-7 Contaminated Soil Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WM-8 Concrete Waste Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
WM-9 Sanitary/Septic Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary
WM-10 Liquid Waste Management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not necessary

# SWPPP Completion Checklist

## Appendix D

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

			A site description, including:	Permit Section Citation
Yes	No	N/A		
<input checked="" type="checkbox"/>			1. Project description, intended use after NOT	<u>Part II.A.4.A.1</u>
<input checked="" type="checkbox"/>			2. Sequence of major activities	<u>Part II.A.4.A.2</u>
<input checked="" type="checkbox"/>			3. Total & disturbed acreage	<u>Part II.A.4.A.3</u>
<input checked="" type="checkbox"/>			4. Pre- and post-construction runoff coefficient OR soil/discharge data	<u>Part II.A.4.A.4</u>
<input checked="" type="checkbox"/>			<b>B. Responsible Parties: All parties dealing with the SWPPP and the areas they are responsible for on-site.</b>	<u>Part II.A.4.B</u>
<input checked="" type="checkbox"/>			<b>C. Receiving Water.</b>	<u>Part II.A.4.C</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	-MS4 Name	<u>Part II.A.4.C</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	-Ultimate Receiving Water	<u>Part II.A.4.C</u>
<input checked="" type="checkbox"/>			<b>D. Documentation of permit eligibility related to Impaired Water Bodies and Total Maximum Daily Loads (TMDL</b>	
<input checked="" type="checkbox"/>			1. Identify pollutant on 303(d) list or TMDL	<u>Part II.A.4.D.1</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		2. Is construction activity or the specific site listed as cause?	<u>Part II.A.4.D.2</u>
<input checked="" type="checkbox"/>			3. Measures taken to reduce pollutants from the site.	<u>Part II.A.4.D.3</u>
<input checked="" type="checkbox"/>			<b>E. Attainment of Water Quality Standards After Authorization.</b>	<u>Part II.A.4.E</u>
<input checked="" type="checkbox"/>			<b>F. Site Map --- See End of Evaluation Form</b>	<u>Part II.A.4.F</u>
			<b>G. Description of Controls:</b>	
<input checked="" type="checkbox"/>			1. Erosion and sediment controls, including:	
<input checked="" type="checkbox"/>			a. Initial site stabilization	<u>Part II.A.4.G.1.a</u>
<input checked="" type="checkbox"/>			b. Erosion and sediment controls	<u>Part II.A.4.G.1.b</u>
<input checked="" type="checkbox"/>			c. Replacement of inadequate controls	<u>Part II.A.4.G.1.c</u>
<input checked="" type="checkbox"/>			d. Removal of off-site accumulations	<u>Part II.A.4.G.1.d</u>
<input checked="" type="checkbox"/>			e. Maintenance of sediment traps/basins @ 50% capacity	<u>Part II.A.4.G.1.e</u>
<input checked="" type="checkbox"/>			f. Litter, construction debris and chemicals properly handled	<u>Part II.A.4.G.1.f</u>
		<input checked="" type="checkbox"/>	g. Off-site storage areas and controls	<u>Part II.A.4.G.1.g</u>
<input checked="" type="checkbox"/>			2. Stabilization practices:	
<input checked="" type="checkbox"/>			a. Description and schedule for stabilization	<u>Part II.A.4.G.2.a</u>
<input checked="" type="checkbox"/>			b. Description of buffer areas	<u>Part II.A.4.G.2.b</u>
<input checked="" type="checkbox"/>			c. Records of stabilization	<u>Part II.A.4.G.2.c</u>
<input checked="" type="checkbox"/>			d. Deadlines for stabilization	<u>Part II.A.4.G.2.d</u>
<input checked="" type="checkbox"/>			3. Structural Practices:	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		-Describe structural practices to divert flows, store flows, or otherwise limit runoff	<u>Part II.A.4.G.3</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	a. Sediment basins	<u>Part II.A.4.G.3.a.1</u>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Are more than 10 acres draining to a common point? If so, are sediment basins included?	<u>Part II.A.4.G.3.a.1</u>
		<input checked="" type="checkbox"/>	-Sediment basin dimensions and capacity description and calculations	<u>Part II.A.4.G.3.a.1</u>
		<input checked="" type="checkbox"/>	-If a basin wasn't practicable, are other controls sufficient?	<u>Part II.A.4.G.3.a.1</u>
			b. Velocity dissipation devices concentrated flow from 2 or more acres	<u>Part II.A.4.G.3.b</u>
			<b>H. Other controls including:</b>	<u>Part II.A.4.H.1</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1. Solid waste control measures	<u>Part II.A.4.H.2</u>
<input checked="" type="checkbox"/>			2. Vehicle off-site tracking controls	<u>Part II.A.4.H.4</u>
<input checked="" type="checkbox"/>			3. Compliance with sanitary waste disposal	<u>Part II.A.4.H.5</u>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	4. Does the site have a concrete washout area controls? Does the site have fuel storage areas, hazardous waste storage and/or truck wash areas controls?	<u>Part II.A.4.H.6</u>

Revised date: 10/20/2016

# SWPPP Completion Checklist

## Appendix D

Yes No N/A

☒ ☐ ☒ **I. Identification of allowable non-storm water discharges**  
 -Appropriate controls for dewatering, if present

☒ ☐ ☐ **J. Post construction stormwater management.**

☒ ☐ ☐ **K. State or local requirements incorporated into the plan.**

### ☒ **L. Inspections**

☒ ☐ ☐ 1. Inspection frequency listed?

☒ ☐ ☐ 2. Inspection form

☒ ☐ ☐ Ours.

☐ ☐ ☐ If not ours, does it contain the following items:

☐ ☐ ☐ a. Inspector name and title

☐ ☐ ☐ b. Date of inspection.

☐ ☐ ☐ c. Amount of rainfall and days since last rain event (14 day only)

☐ ☐ ☐ d. Approx beginning and duration of storm event

☐ ☐ ☐ e. Description of any discharges during inspection

☐ ☐ ☐ f. Locations of discharges of sediment/other pollutants

☐ ☐ ☐ g. BMPs in need of maintenance

☐ ☐ ☐ h. BMPs in working order, if maintenance needed (scheduled and completed)

☐ ☐ ☐ i. Locations that are in need of additional controls

☐ ☐ ☐ j. Location and dates when major construction activities begin, occur or cease

☒ ☐ ☐ k. Signature of responsible/cognizant official

☒ ☐ ☐ 3. Inspection Records

☒ ☐ ☐ 4. Winter Conditions

☐ ☐ ☐ 5. Adverse Weather Conditions

☒ ☐ ☐ **M. Maintenance Procedures**

☒ ☐ ☐ **N. Employee Training**

☒ ☐ ☐ **Signed Plan Certification**

### ☒ **F. Site Map showing:**

☒ ☐ ☐ 1. Pre-construction topographic view

☒ ☐ ☐ 2. Drainage flow

☒ ☐ ☐ 3. Approximate slopes after grading activities

☒ ☐ ☐ 4. Areas of soil disturbance and areas not disturbed

☒ ☐ ☐ 5. Location of major structural and non-structural controls.

☒ ☐ ☐ 6. Location of main construction entrance and exit.

☒ ☐ ☐ 7. Areas where stabilization practices are expected to occur.

☐ ☐ ☒ 8. Locations of off-site materials, waste, borrow area or storage area.

☒ ☐ ☐ 9. Locations of areas used for concrete wash-out.

☒ ☐ ☐ 10. Locations of surface waters on site.

☒ ☐ ☐ 11. Locations where water is discharged to a surface water or MS4.

☒ ☐ ☐ 12. Storm water discharge locations.

☒ ☐ ☐ 13. Areas where final stabilization has been accomplished.

☐ ☐ ☒ 14. Legend for symbols/labels used

☐ ☐ ☒ 15. Location of storm drain inlets on site or in immediate vicinity

### Permit Section Citation

Part II.A.4.I

Part I.B.12.C

Part II.A.4.J

Part II.A.4.K

Part II.A.4.L.1

Part II.A.4.L.2

Part II.A.4.L.2.a

Part II.A.4.L.2.b

Part II.A.4.L.2.c

Part II.A.4.L.2.d

Part II.A.4.L.2.e

Part II.A.4.L.2.f

Part II.A.4.L.2.g

Part II.A.4.L.2.h

Part II.A.4.L.2.i

Part II.A.4.L.2.j

Part II.A.4.L.2.k

Part II.A.4.L.3

Part II.A.4.L.4

Part II.A.4.L.5

Part II.A.4.M

Part II.A.4.N

Part II.A.5. and Part II.B.10

Part II.A.4.F.1

Part II.A.4.F.2

Part II.A.4.F.2

Part II.A.4.F.3

Part II.A.4.F.4

Part II.A.4.F.5

Part II.A.4.F.6

Part II.A.4.F.7

Part II.A.4.F.8

Part II.A.4.F.9

Part II.A.4.F.10

Part II.A.4.F.11

Part II.A.4.F.12

Part II.A.4.F.13

Part II.A.4.F.14

# SWPPP TRAINING CERTIFICATION FORM

**This is to acknowledge that I have reviewed the Stormwater Pollution Prevention Plan for Construction for Scenic Hill Solar. I have been trained in its use and purpose and am familiar with its contents.**

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Responsible For

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Responsible For

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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Responsible For

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Name (Please Print)

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Signature

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Date

\_\_\_\_\_  
Responsible For

\_\_\_\_\_  
Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Responsible For

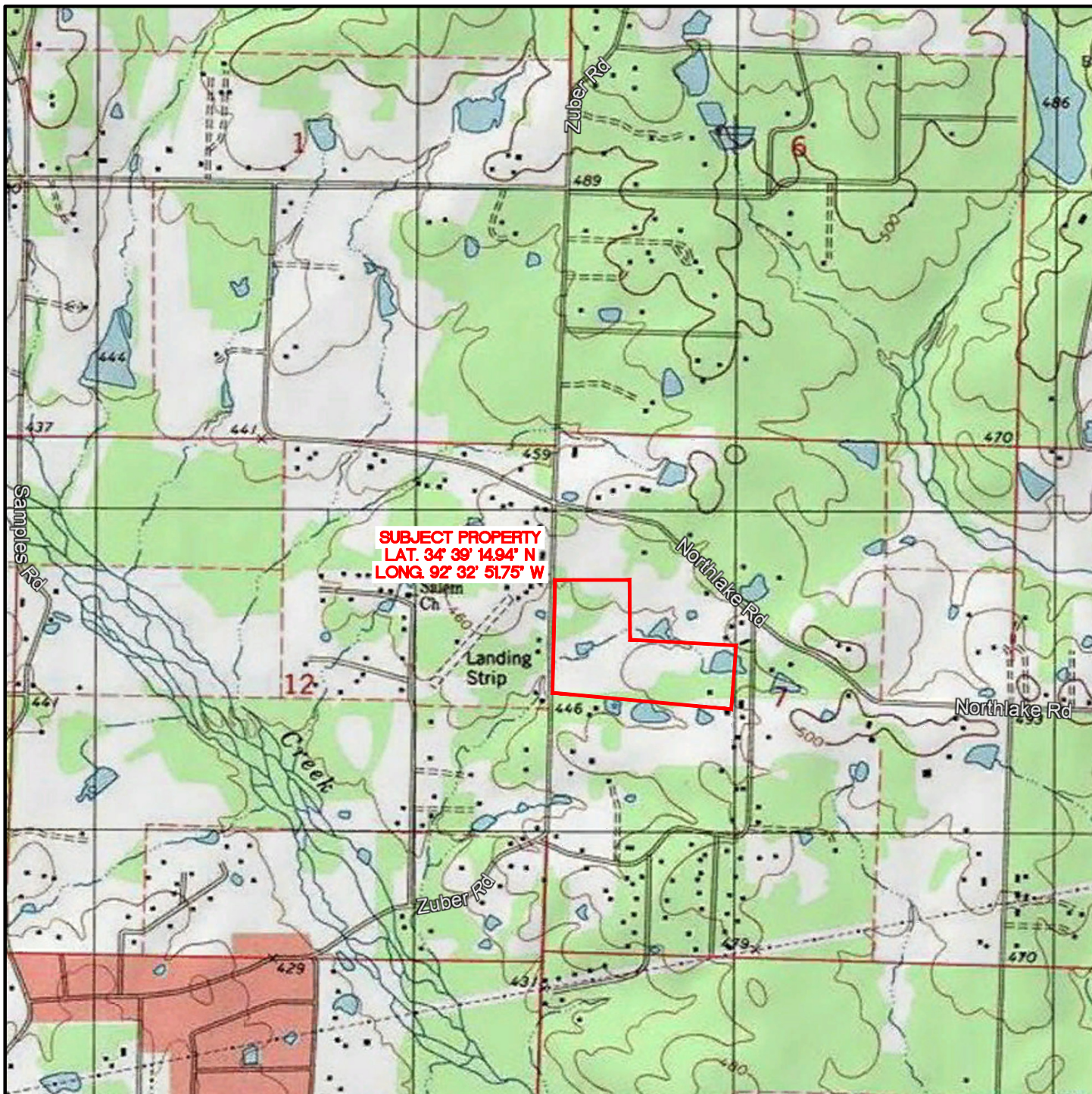
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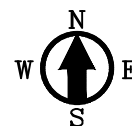




# DRAWING NO. 1

SITE TOPOGRAPHIC MAP TAKEN FROM BRYANT USGS QUADRANGLE

CONSTRUCTION STORMWATER POLLUTION PREVENTION PLAN  
BRYANT SD SOLAR ARRAY  
SCENIC HILL SOLAR  
BRYANT, ARKANSAS



A Terracon Company

SUBMITTED:	N. JOHNSON
DRAWN:	D. LLOYD
CHECKED:	N. JOHNSON
DATE:	MAY 15, 2025

SCALE:

0 1500'

JOB NUMBER:  
KT257024

FILE: KT257024 SWPPP TOPO.DWG





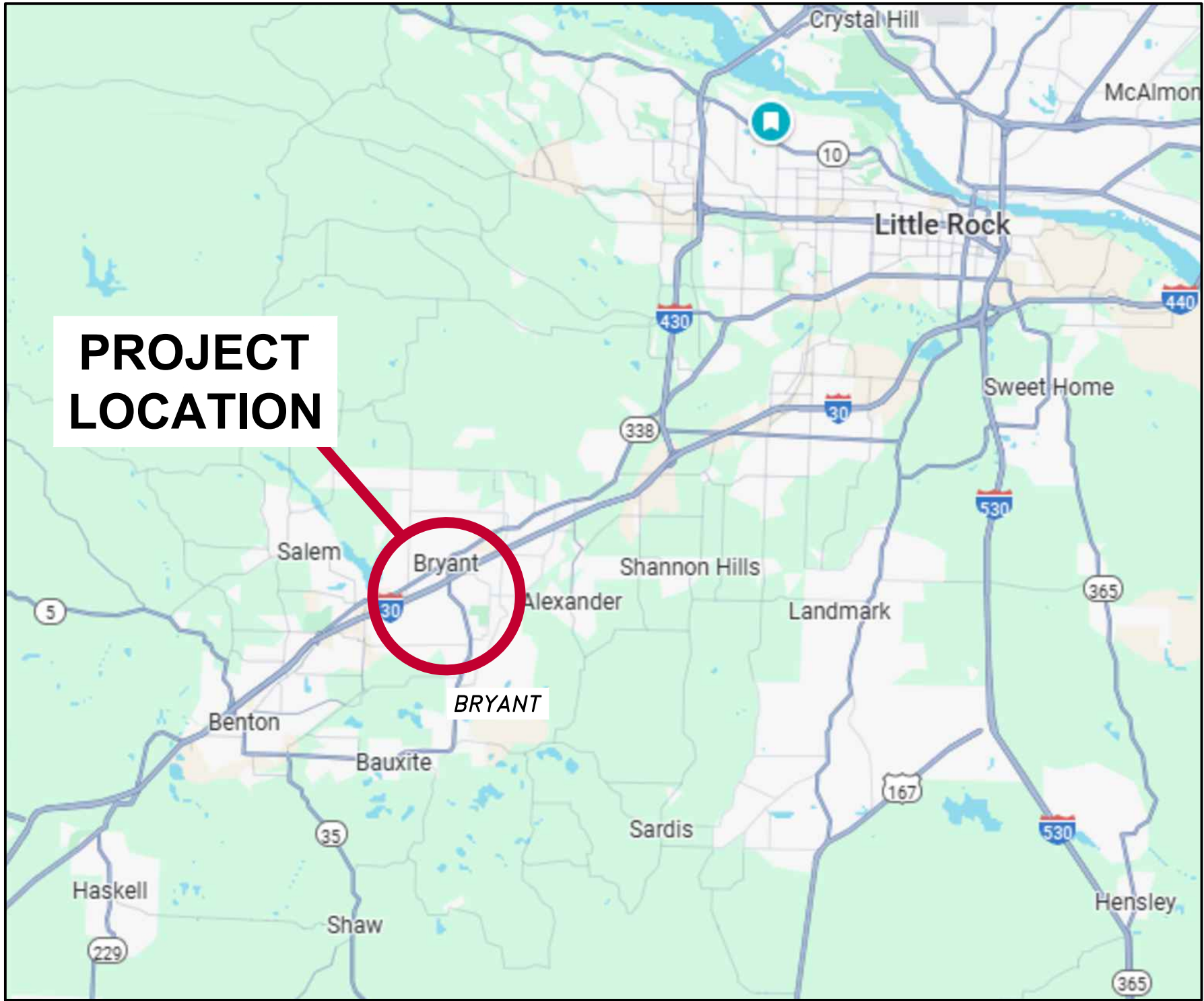


# BRYANT SD SOLAR ARRAY

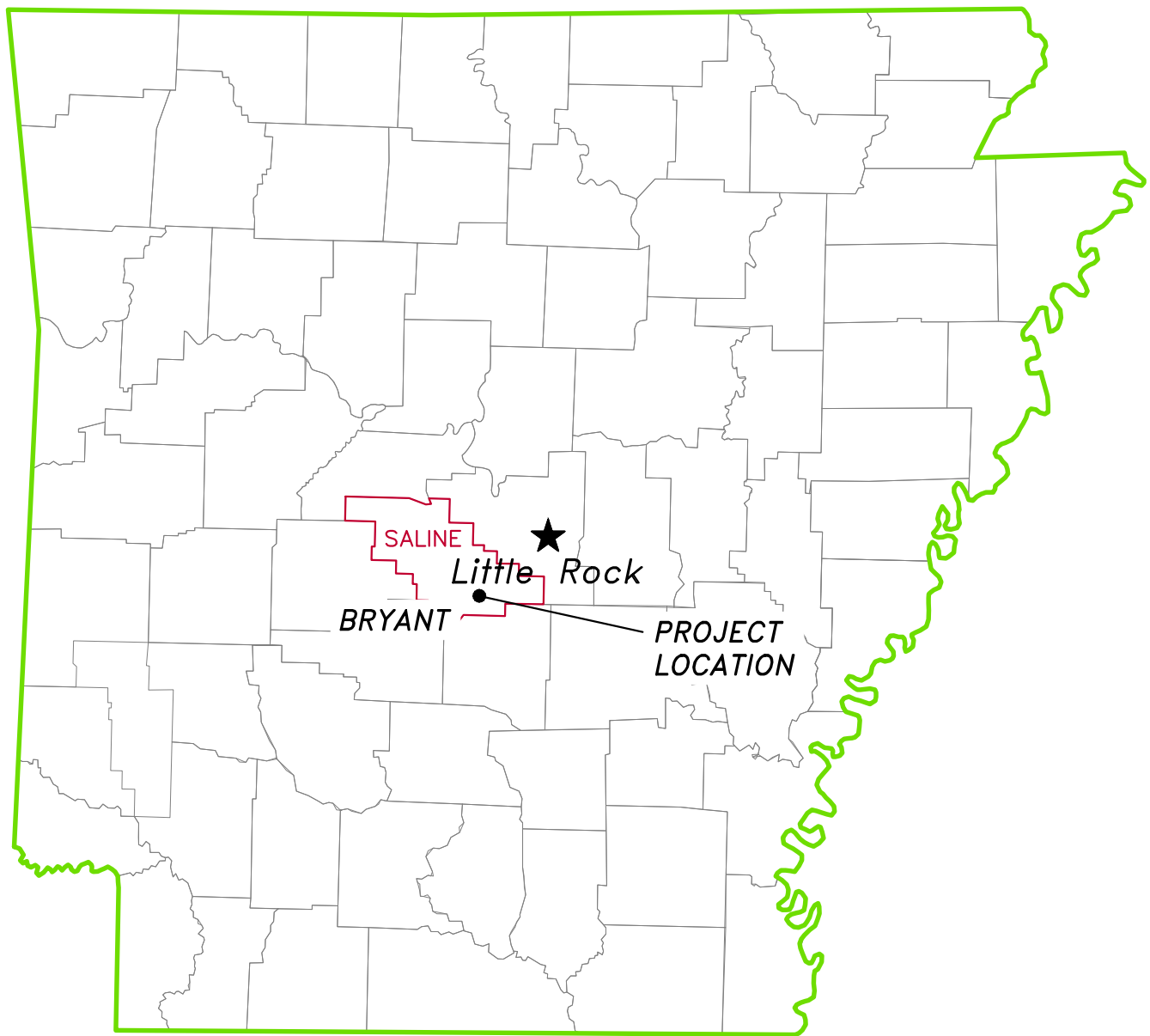
## SCENIC HILL SOLAR

### BRYANT, ARKANSAS

FEBRUARY 2025



Vicinity Map



INDEX OF DRAWINGS	
SHEET #	SHEET TITLE
C1.0	SITE LAYOUT – AERIAL
C1.1	SITE LAYOUT
C1.2	STAKING PLAN
C1.4	EROSION CONTROL PLAN
C2.0	MISCELLANEOUS DETAILS
C2.1	EROSION CONTROL DETAILS



PROJECT NO. KT257024

**PRELIMINARY**



**NOT FOR CONSTRUCTION**





- GENERAL NOTES:
1. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 1-800-482-8998 48 HOURS PRIOR TO DIGGING SO THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
  2. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, UTILITY PIPING, GAS, FIBER, ETC. ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND OBTAIN FURTHER INFORMATION ON THE LOCATION OF SUBSURFACE STRUCTURES SHOWN AND NOT SHOWN. ALL REPAIRS TO DAMAGED UNDERGROUND STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
  3. ALL ITEMS DISTURBED DURING CONSTRUCTION, STREETS, DRIVES, FENCES, ETC. SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST OF REPAIRS IS THE RESPONSIBILITY OF THE CONTRACTOR.

PROPERTY  
BOUNDARY

PRIMARY ROAD  
8,375 SF CLASS 7 BASE  
COURSE COMPACTED TO  
95% MODIFIED PROCTOR

2 - 10'  
WIDE GATES

JURISDICTIONAL  
INTERMITTENT  
STREAM

455

450

460

465

470

445

450

455

460

465

470

20' MIN. TYP.

3,050 LF CHAIN LINK  
SECURITY FENCE  
(SEE DETAIL 1, SHEET C2.0)

SCALE:  
80 0 80 160

PRELIMINARY

CIVIL ENGINEERING AND  
ENVIRONMENTAL SERVICES  
3612 SOUTH SHACKLEFORD RD  
LITTLE ROCK, ARKANSAS 72205  
PH: (501) 221-7122 FX: (501) 221-7775

DESIGNED BY: JTM

DRAWN BY: JTM

CHECKED BY: JTM

DATE: FEB. 25, 2025

SCALE: 1" = 80'

NO.

DATE

DESCRIPTION

BY:

SHEET TITLE:  
SITE LAYOUT - AERIAL

PROJECT TITLE:  
BRYANT SD SOLAR ARRAY  
SCENIC HILL SOLAR  
BRYANT, ARKANSAS

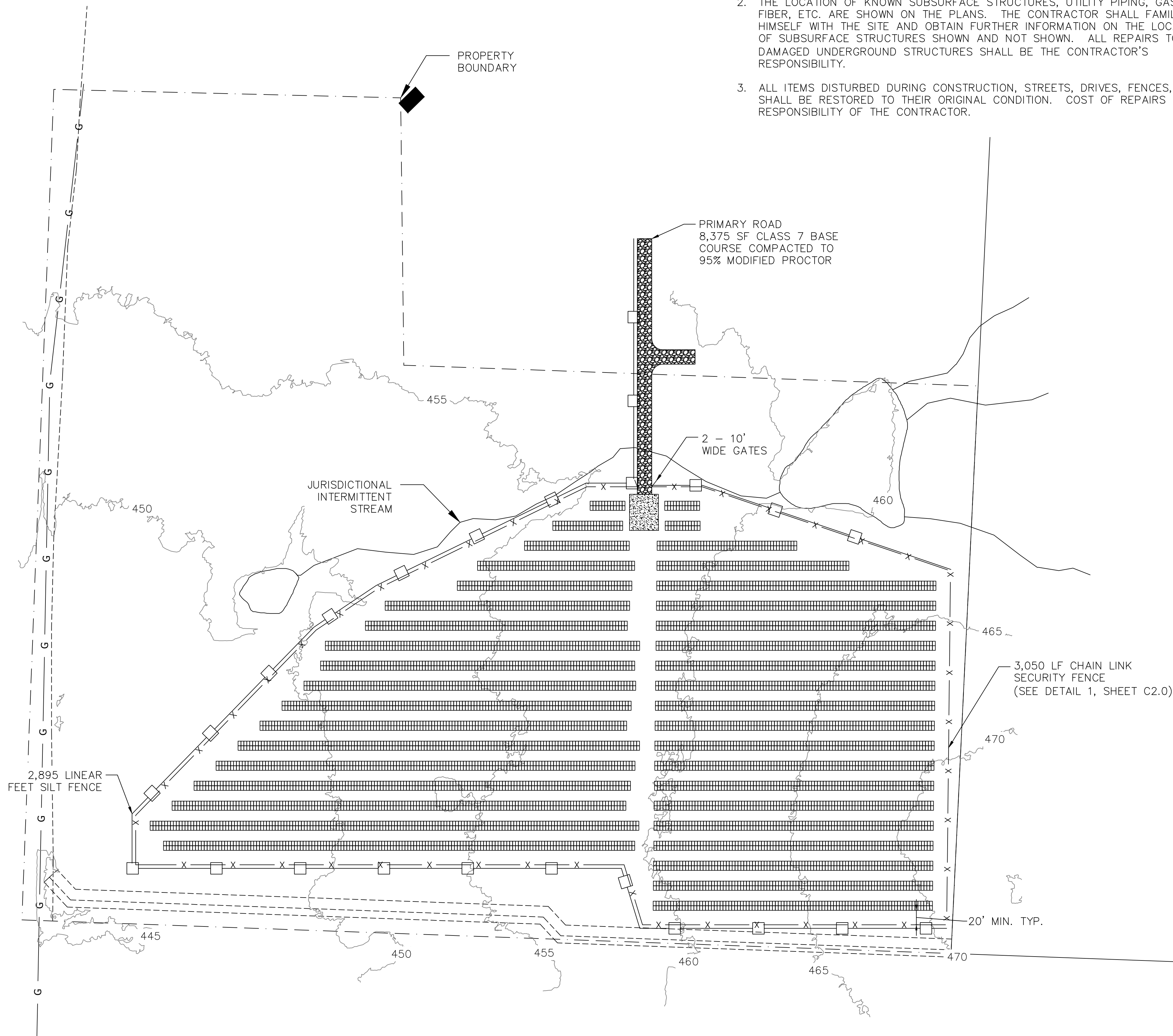
JOB NUMBER:  
KT257024

SHEET NUMBER:  
C1.0

FILE: N:\PROJECTS\2025\KT257024 - SHS BRYANT SD CIVIL & SWPPP\DRAWINGS\KT257024 BRYANT SD CIVIL.DWG







- GENERAL NOTES:
1. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ONE CALL CENTER AT 1-800-482-8998 48 HOURS PRIOR TO DIGGING SO THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
  2. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, UTILITY PIPING, GAS, FIBER, ETC. ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND OBTAIN FURTHER INFORMATION ON THE LOCATION OF SUBSURFACE STRUCTURES SHOWN AND NOT SHOWN. ALL REPAIRS TO DAMAGED UNDERGROUND STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
  3. ALL ITEMS DISTURBED DURING CONSTRUCTION, STREETS, DRIVES, FENCES, ETC. SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. COST OF REPAIRS IS THE RESPONSIBILITY OF THE CONTRACTOR.

SUBMITTED FOR  
REVIEW

SHEET TITLE:  
EROSION CONTROL

PROJECT TITLE:  
BRYANT SD SOLAR ARRAY  
SCENIC HILL SOLAR  
BRYANT, ARKANSAS

REVISIONS:

NO.	DATE	BY:	DESCRIPTION:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES  
3612 SOUTH SHACKLEFORD RD  
LITTLE ROCK, ARKANSAS 72205  
PH: (501) 221-7122 FX: (501) 221-7775

DESIGNED BY: JTM

DATE: FEB. 25, 2025

DRAWN BY: JTM

SCALE: 1" = 80'

CHECKED BY: JTM

FILE: N:\PROJECTS\2025\KT257024 - SHS BRYANT SD CIVIL & SWPPP\DRAWINGS\KT257024 BRYANT SD CIVIL.DWG

JOB NUMBER:  
KT257024

SHEET NUMBER:  
C1.1



SUBMITTED FOR  
REVIEW

MISCELLANEOUS DETAILS

BRYANT SD SOLAR ARRAY  
SCENIC HILL SOLAR  
BRYANT, ARKANSAS

SHEET TITLE:

PROJECT TITLE:

REVISIONS:

NO.	DATE	DESCRIPTION	BY:

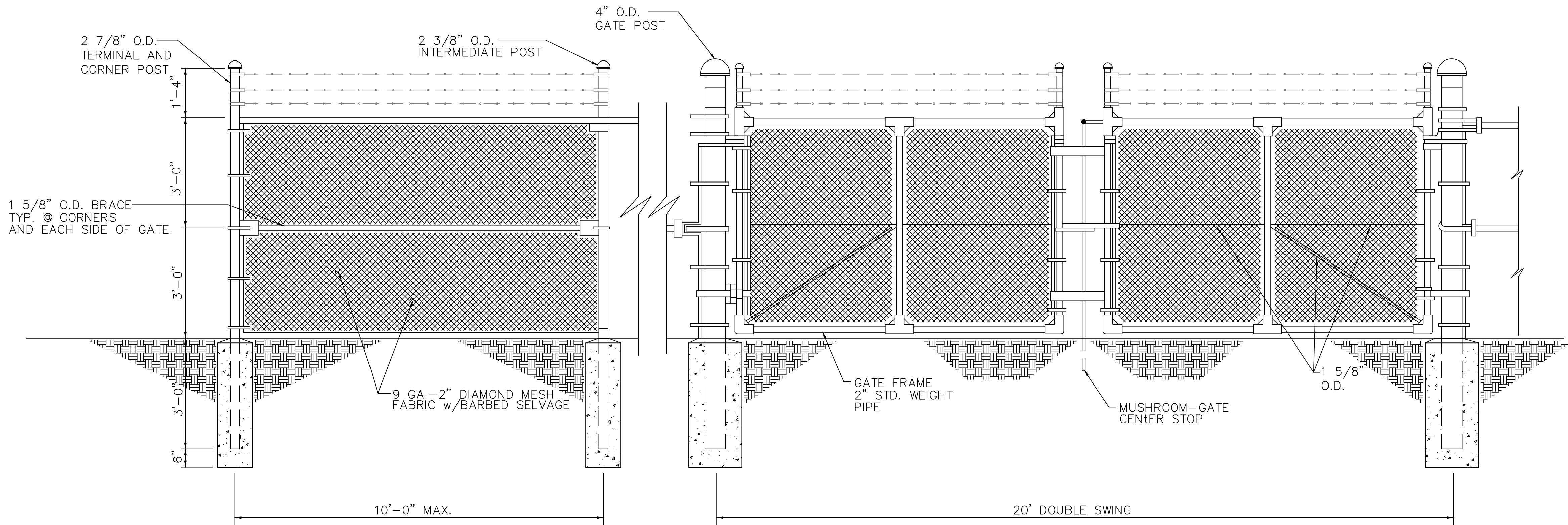
CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES 3612 SOUTH SHACKLEFORD RD LITTLE ROCK, ARKANSAS 72205 PH: (501) 221-7122 FX: (501) 221-7775	DATE: FEB. 25, 2025	N.T.S.
DESIGNED BY: JTM	DRAWN BY: JTM	CHECKED BY: JTM



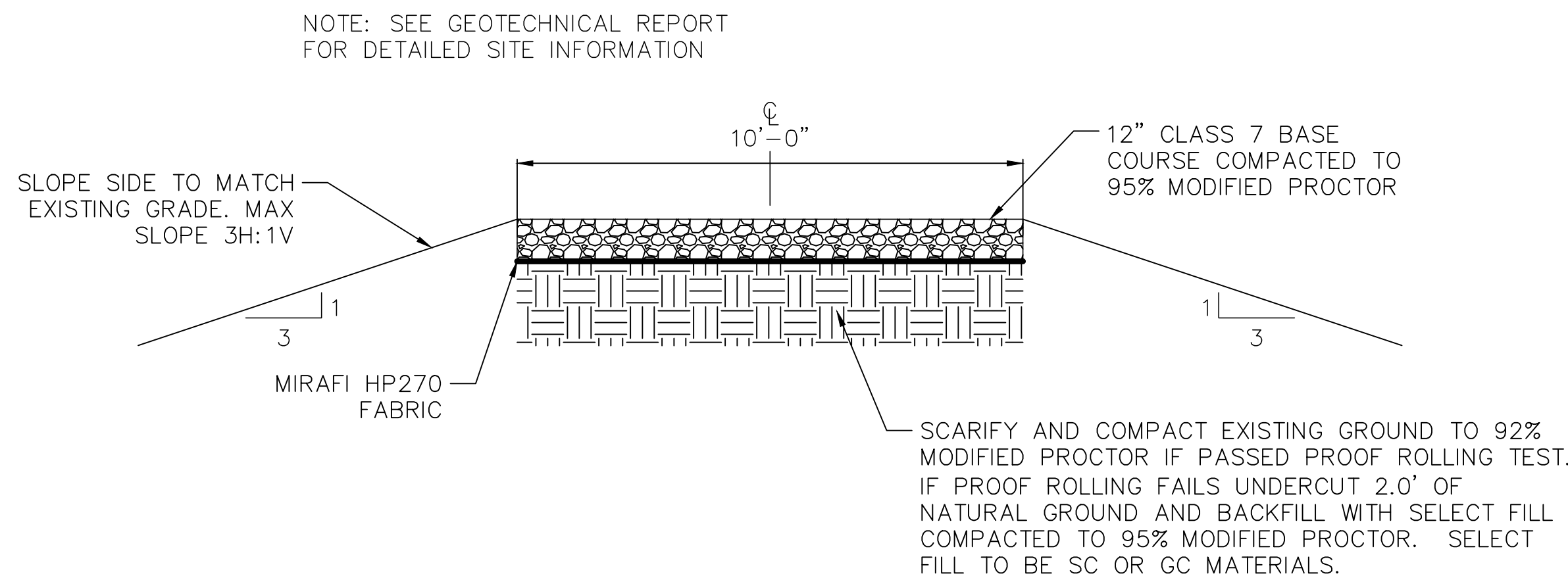
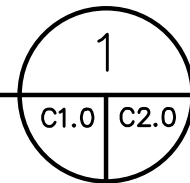
JOB NUMBER:  
KT257024

SHEET NUMBER:  
C2.0

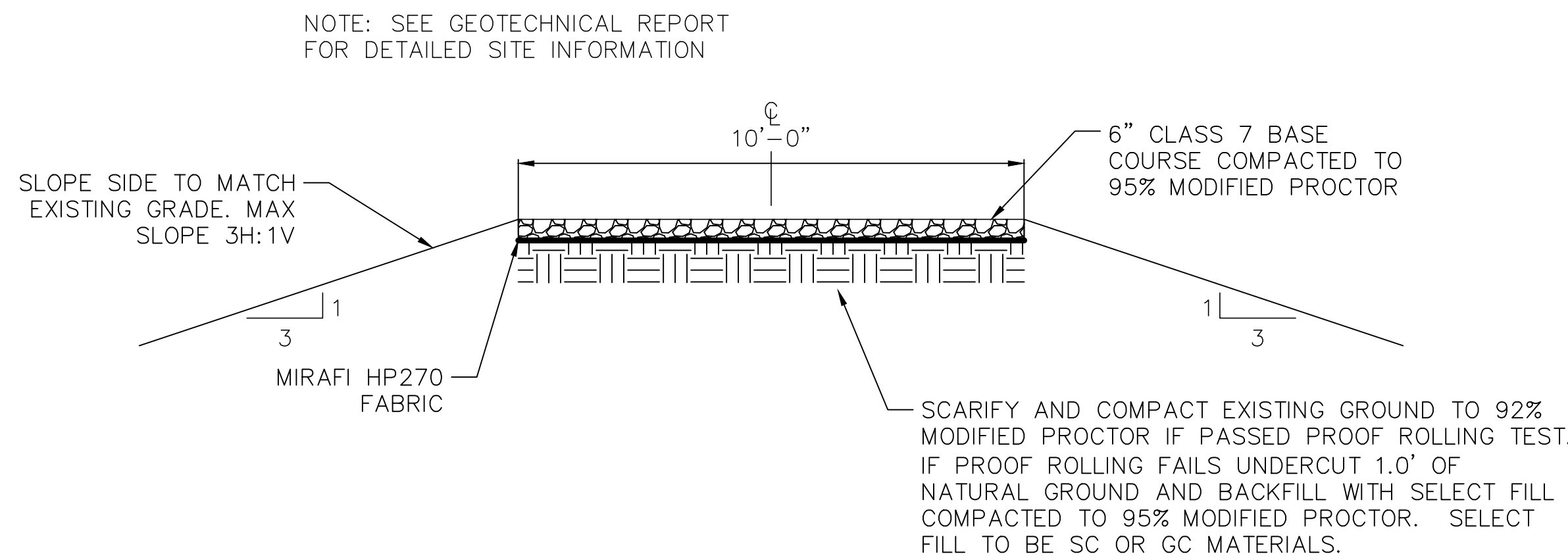
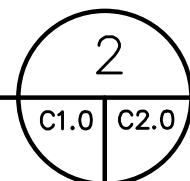
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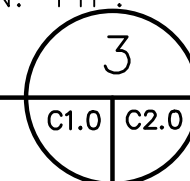
SECURITY FENCE DETAIL  
SCALE: NTS

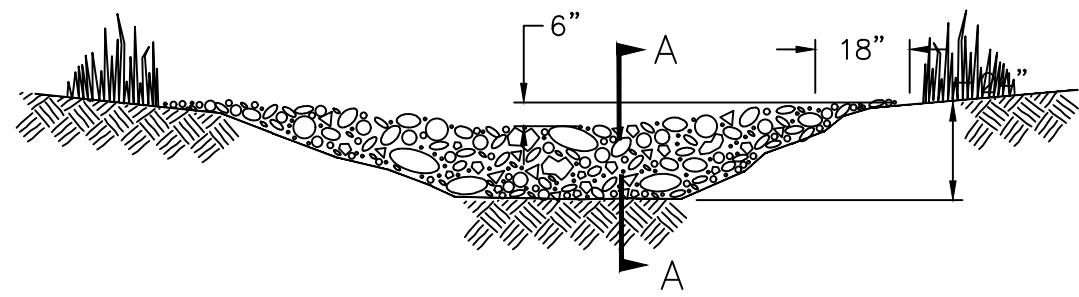


INDUSTRIAL GRAVEL ROAD DETAIL  
SCALE: NTS



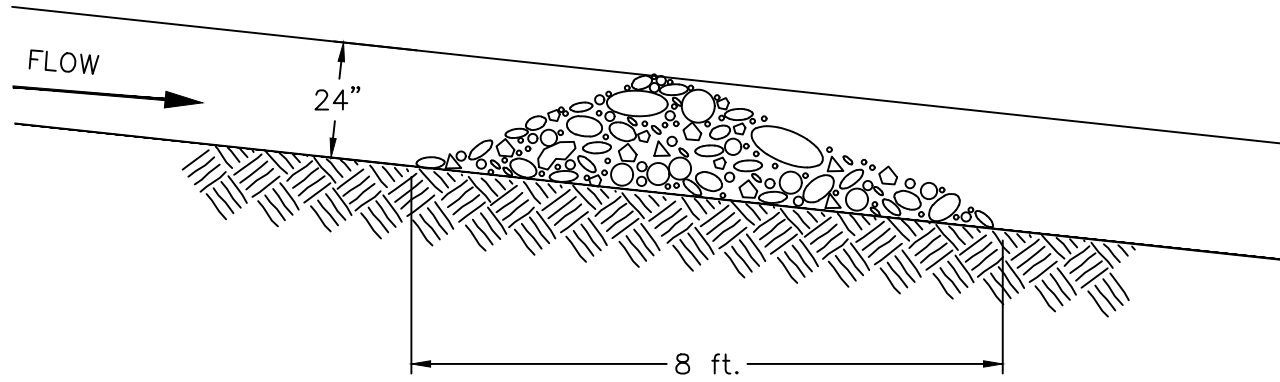
VEHICULAR GRAVEL ROAD DETAIL  
SCALE: NTS





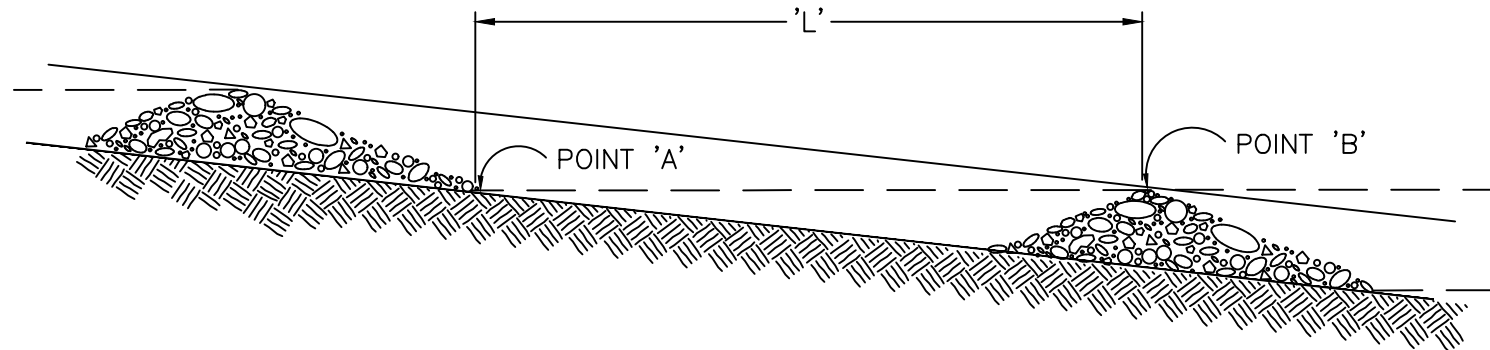
VIEW LOOKING UP STREAM

NOTE: KEY STONE INTO THE DITCH BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT OVERFLOW AROUND DAM.



SECTION A-A

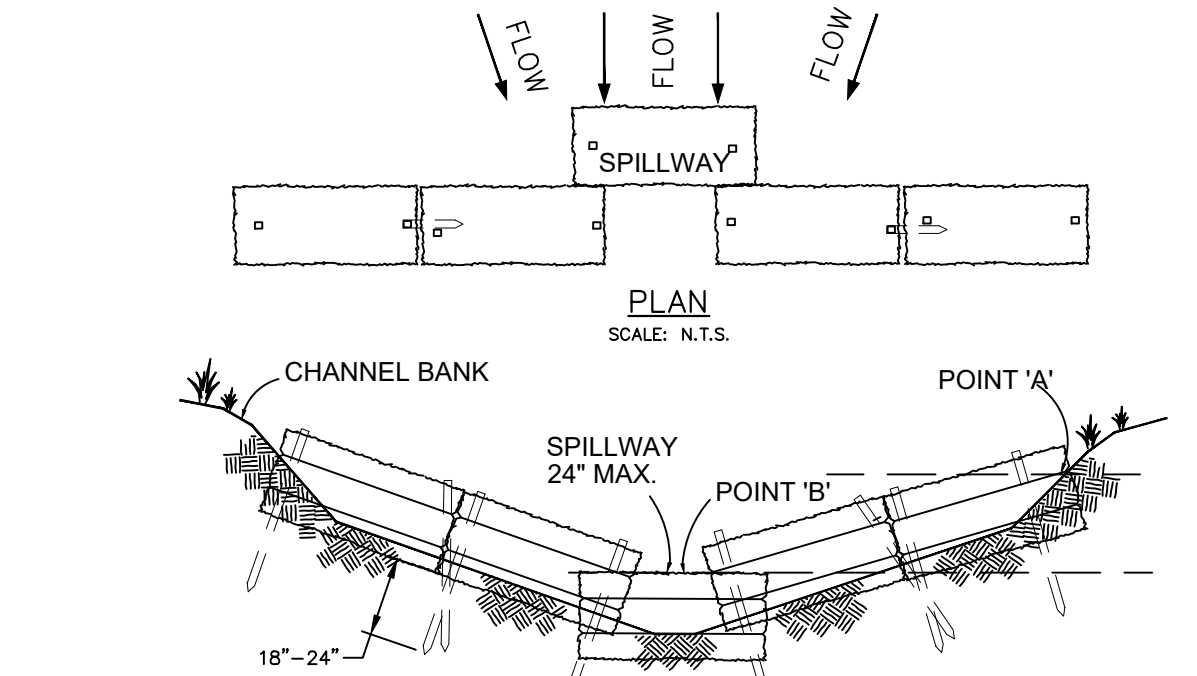
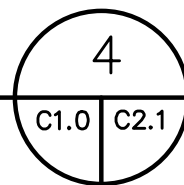
'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION.



SPACING BETWEEN CHECK DAMS

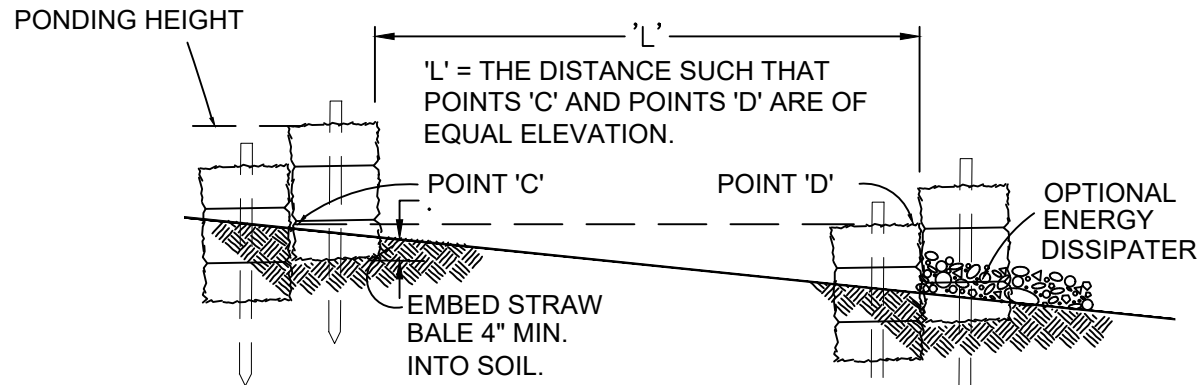
ROCK CHECK DAM DETAIL

SCALE: NTS



VIEW LOOKING UPSTREAM

SCALE: N.T.S.



SPACING BETWEEN CHECK DAMS

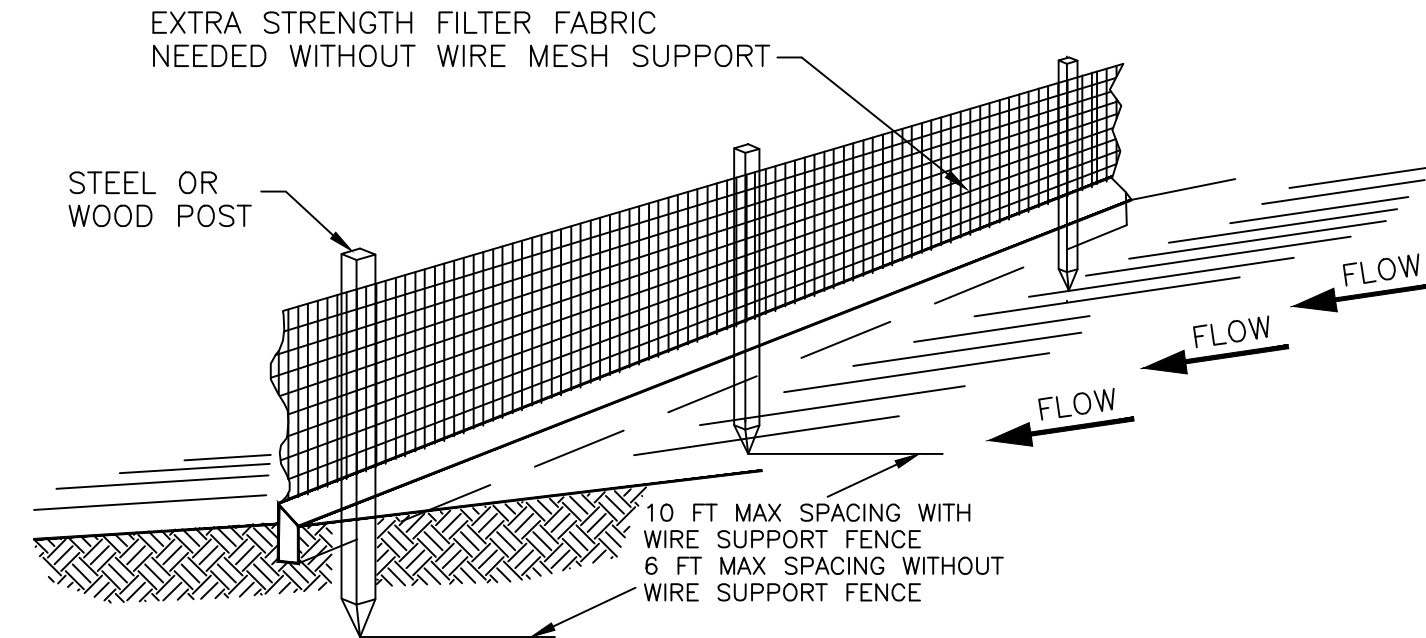
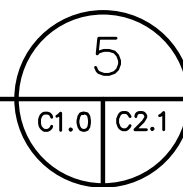
SCALE: N.T.S.

NOTES:

1. EMBED BALES 4" INTO THE SOIL AND 'KEY' BALES INTO THE CHANNEL BANKS.
2. POINT 'A' MUST BE HIGHER THAN POINT 'B'. (SPILLWAY HEIGHT)
3. PLACE BALES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING. USE STRAW, ROCKS OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND THE BALES.
4. SPILLWAY HEIGHT SHALL NOT EXCEED 24".
5. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

STRAW BALE CHECK DAM DETAIL

SCALE: NTS



STANDARD DETAIL  
TRENCH WITH NATIVE BACKFILL

NOTES:

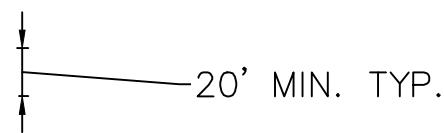
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE DETAIL

SCALE: NTS

ALTERNATE DETAIL  
TRENCH WITH GRAVEL

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



20' MIN. TYP.

EROSION CONTROL DETAILS

SHEET TITLE:

REVISIONS:		BY:	DATE:
DESCRIPTION:			
NO.			

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES 3612 SOUTH SHACKLEFORD RD LITTLE ROCK, ARKANSAS 72205 PH: (501) 221-7122 FX: (501) 221-7775		DATE: FEB. 25, 2025	SCALE: N.T.S.
DESIGNED BY: JTM	DRAWN BY: JTM	CHECKED BY: JTM	

JOB NUMBER: KT257024	SHEET NUMBER: C2.0
-------------------------	-----------------------

PRELIMINARY

SUBMITTED FOR  
REVIEW

BRYANT SD SOLAR ARRAY  
SCENIC HILL SOLAR  
BRYANT, ARKANSAS

PROJECT TITLE:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES 3612 SOUTH SHACKLEFORD RD LITTLE ROCK, ARKANSAS 72205 PH: (501) 221-7122 FX: (501) 221-7775		DATE: FEB. 25, 2025	SCALE: N.T.S.
DESIGNED BY: JTM	DRAWN BY: JTM	CHECKED BY: JTM	

JOB NUMBER: KT257024	SHEET NUMBER: C2.0
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