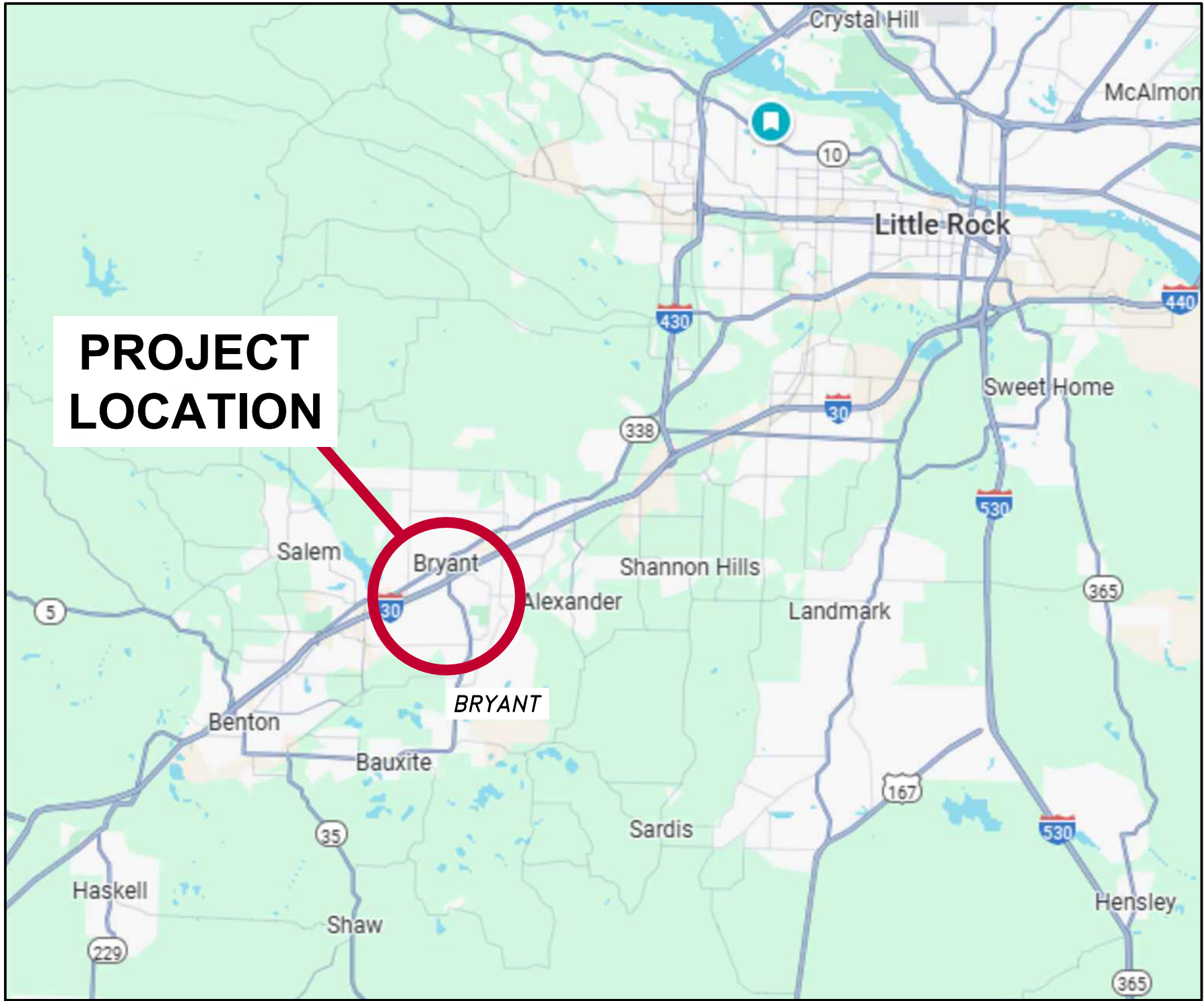


BRYANT SD SOLAR ARRAY

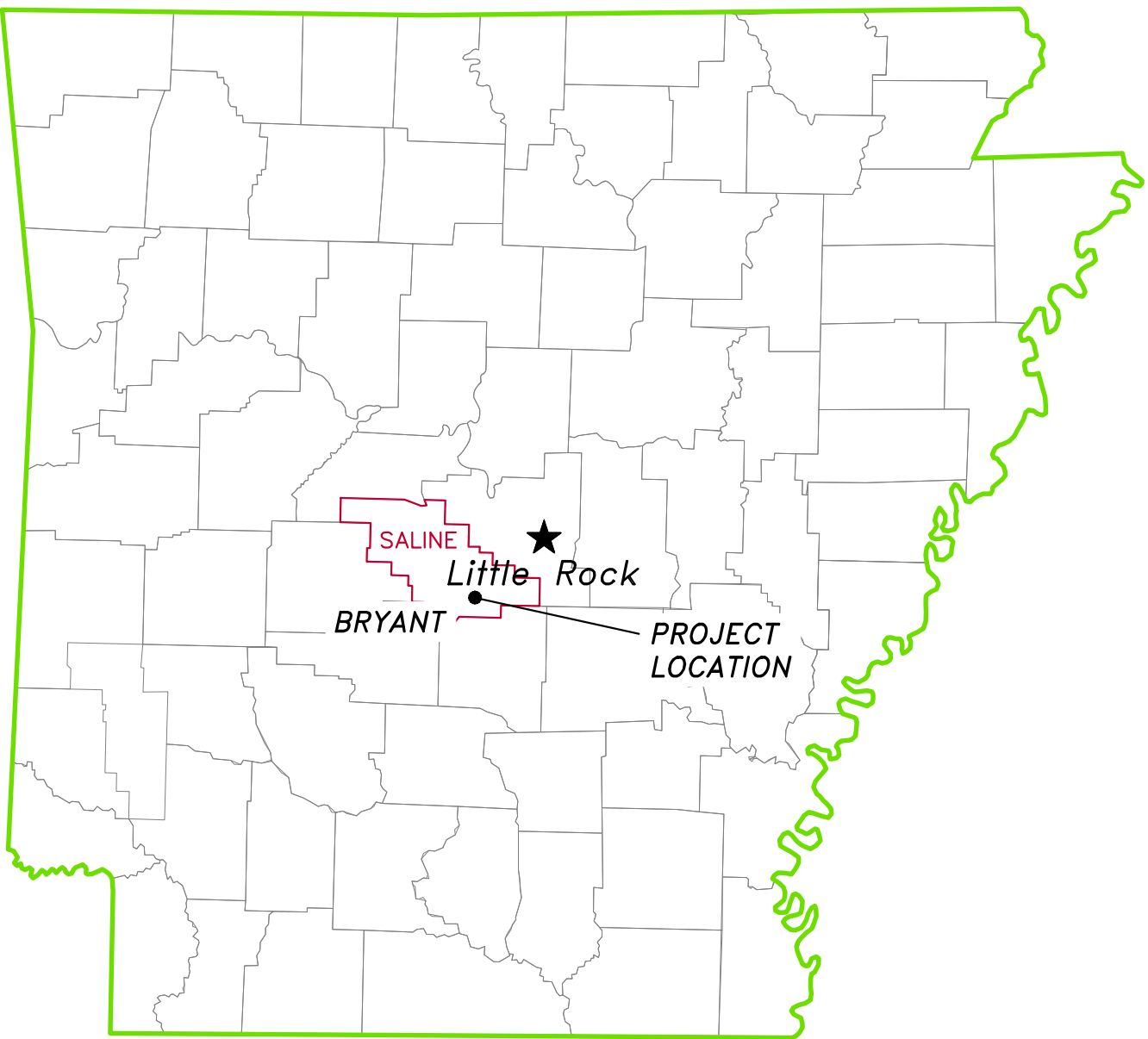
SCENIC HILL SOLAR

BRYANT, ARKANSAS

MAY 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.

SUBMITTED FOR REVIEW

SITE LAYOUT - AERIAL

BRYANT SD SOLAR ARRAY
SCENIC HILL SOLAR
BRYANT, ARKANSAS

SHEET TITLE:

PROJECT TITLE:

REVISIONS:		BY:	
NO.	DATE	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

DRAWN BY: JTM

CHECKED BY: JTM

DATE: MAY 22, 2025
SCALE: 1" = 80'

FILE: N:\AUTOCAD - ENGINEERING\KT257024 - SIS BRYANT SD CIVIL & SWPPP\DRAWINGS\KT257024 BRYANT SD CIVIL.DWG

JOB NUMBER:
KT257024

SHEET NUMBER:
C1.0

SUBMITTED FOR
REVIEW

SITE LAYOUT

BRYANT SD SOLAR ARRAY
SCENIC HILL SOLAR
BRYANT, ARKANSAS

SHEET TITLE:

REVISIONS:

NO.	DATE	BY:	DESCRIPTION:

CIVIL ENGINEERING AND
ENVIRONMENTAL SERVICES
3512 SOUTH SHACKLEFORD RD
LITTLE ROCK, ARKANSAS 72205
PH: (501) 221-7122 FX: (501) 221-7775



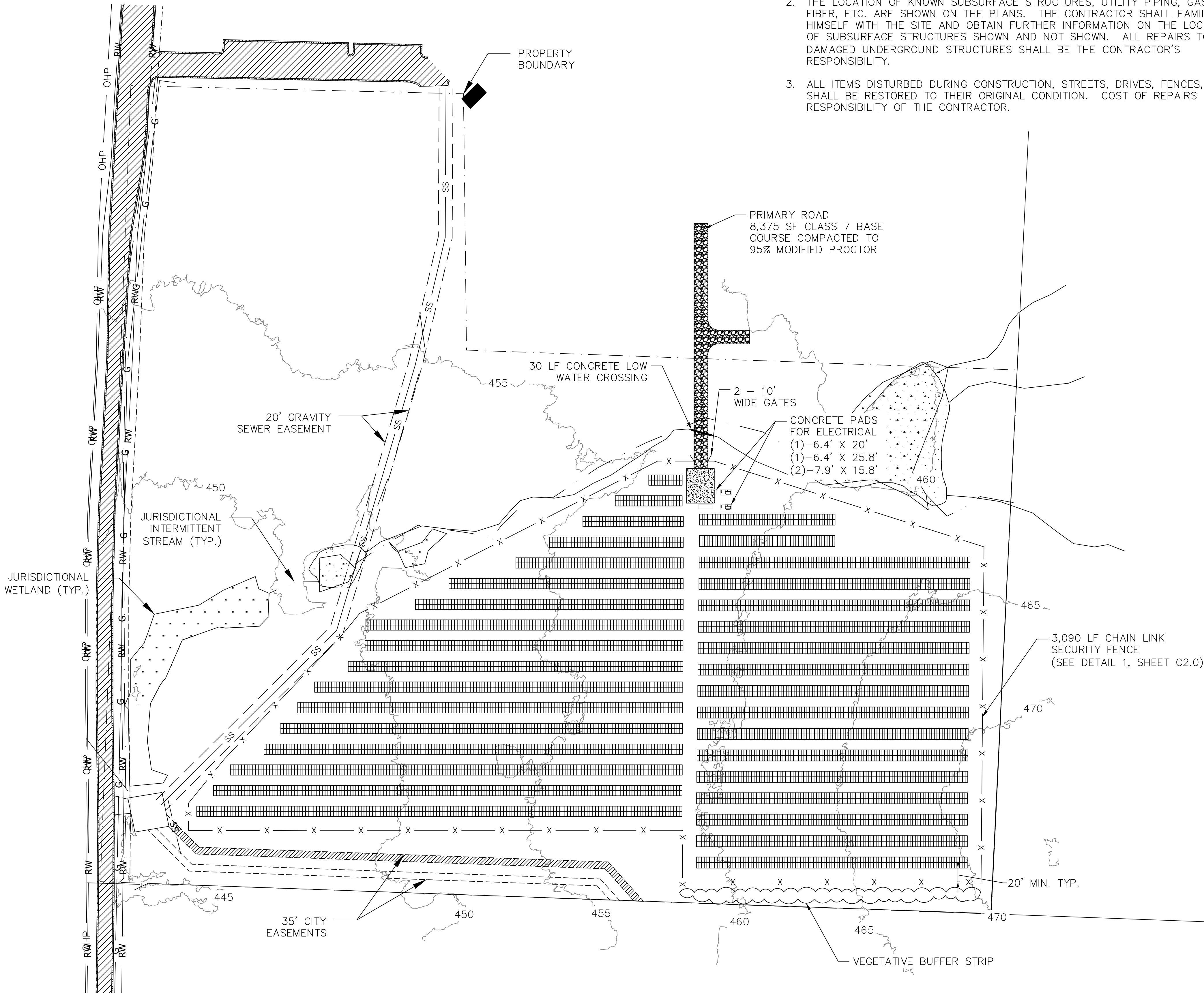
JOB NUMBER:
KT257024

SHEET NUMBER:
C1.1

DESIGNED BY: JTM
DRAWN BY: JTM
CHECKED BY: JTM
DATE: MAY 22, 2025
SCALE: 1" = 80'
FILE: N:\AUTOCAD - ENGINEERING\KT257024 - SIS BRYANT SD CIVIL & SWPPP\DRAWINGS\KT257024 BRYANT SD CIV.DWG

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PRELIMINARY

SUBMITTED FOR
REVIEW

EROSION CONTROL

BRYANT SD SOLAR ARRAY
SCENIC HILL SOLAR
BRYANT, ARKANSAS

SHEET TITLE:

PROJECT TITLE:

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

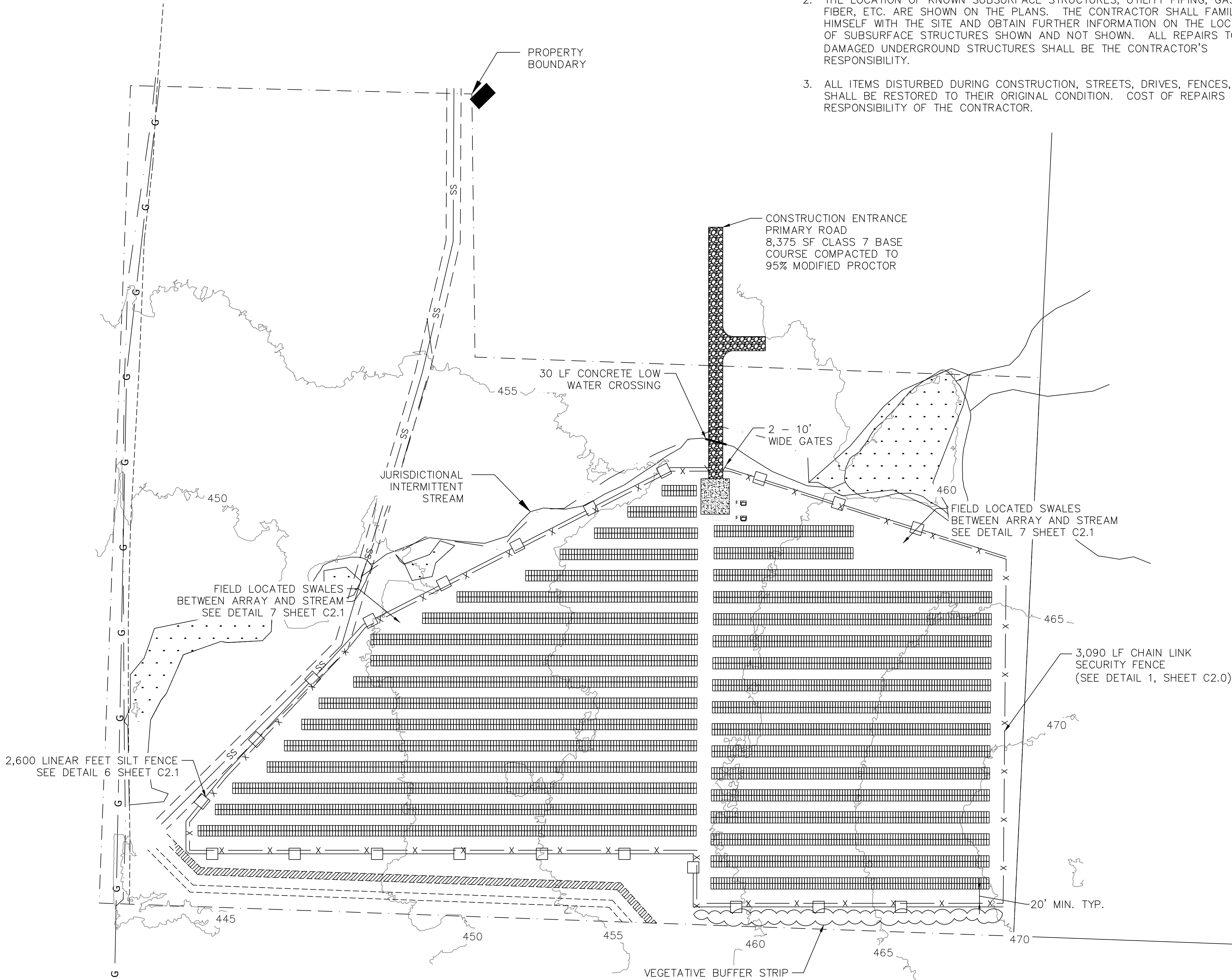
DESIGNED BY: JTM
DRAWN BY: JTM
CHECKED BY: JTM
DATE: MAY 22, 2025
SCALE: 1" = 80'

JOB NUMBER:
KT257024

SHEET NUMBER:
C1.1

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EROSION CONTROL NOTES:

1. REFER TO CITY OF BRYANT SCHOOL DISTRICT SOLAR ARRAY STORMWATER MANAGEMENT PLAN FOR SPECIFICS OF EROSION CONTROL MANAGEMENT PLAN AND MAINTENANCE PLAN.



PRELIMINARY

SUBMITTED FOR
REVIEW

MISCELLANEOUS DETAILS

BRYANT SD SOLAR ARRAY
SCENIC HILL SOLAR
BRYANT, ARKANSAS

SHEET TITLE:

PROJECT TITLE:

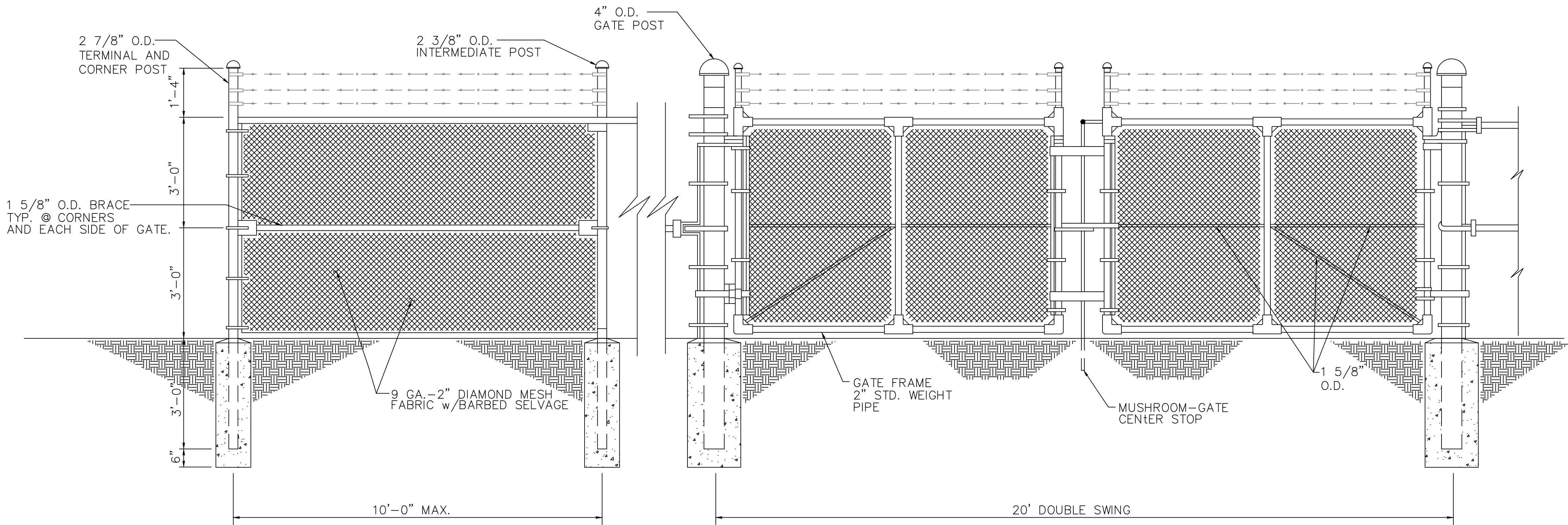
REVISIONS:

NO.	DATE	DESCRIPTION	BY:

CIVIL ENGINEERING AND ENVIRONMENTAL SERVICES 3512 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:	N.T.S.
	CHECKED BY:	JTM		

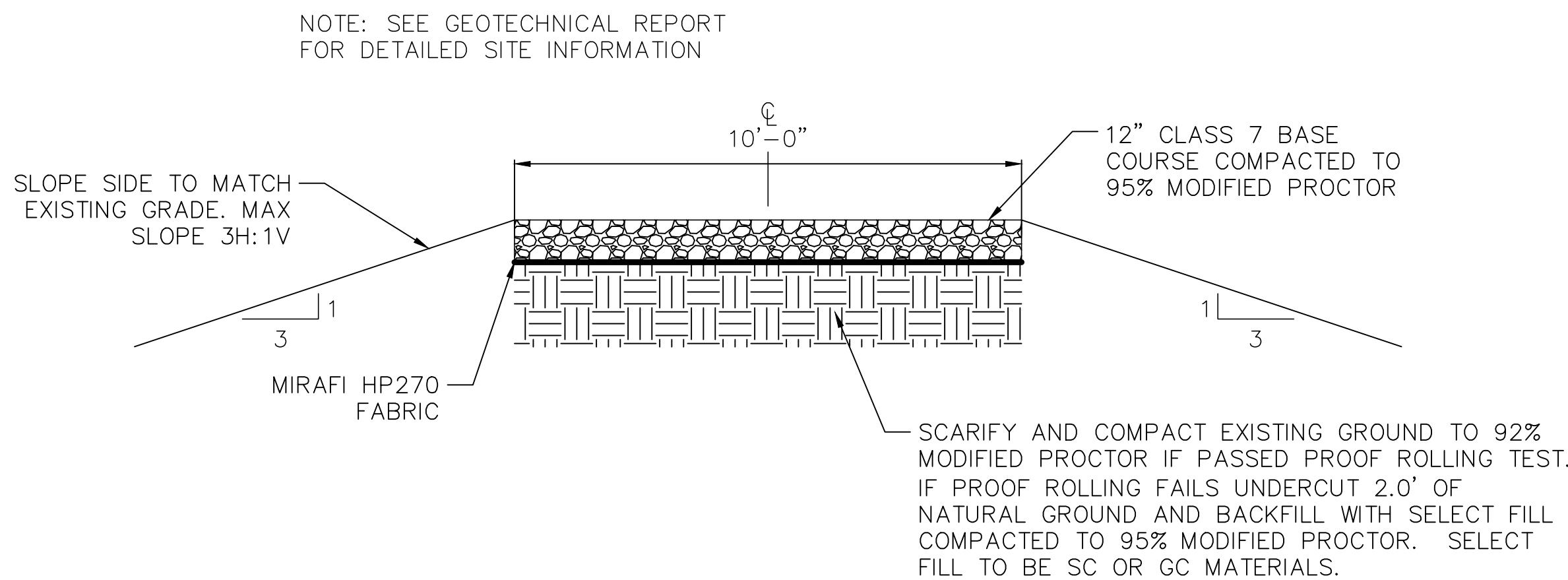
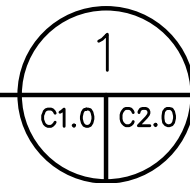
JOB NUMBER:
KT257024

SHEET NUMBER:
C2.0



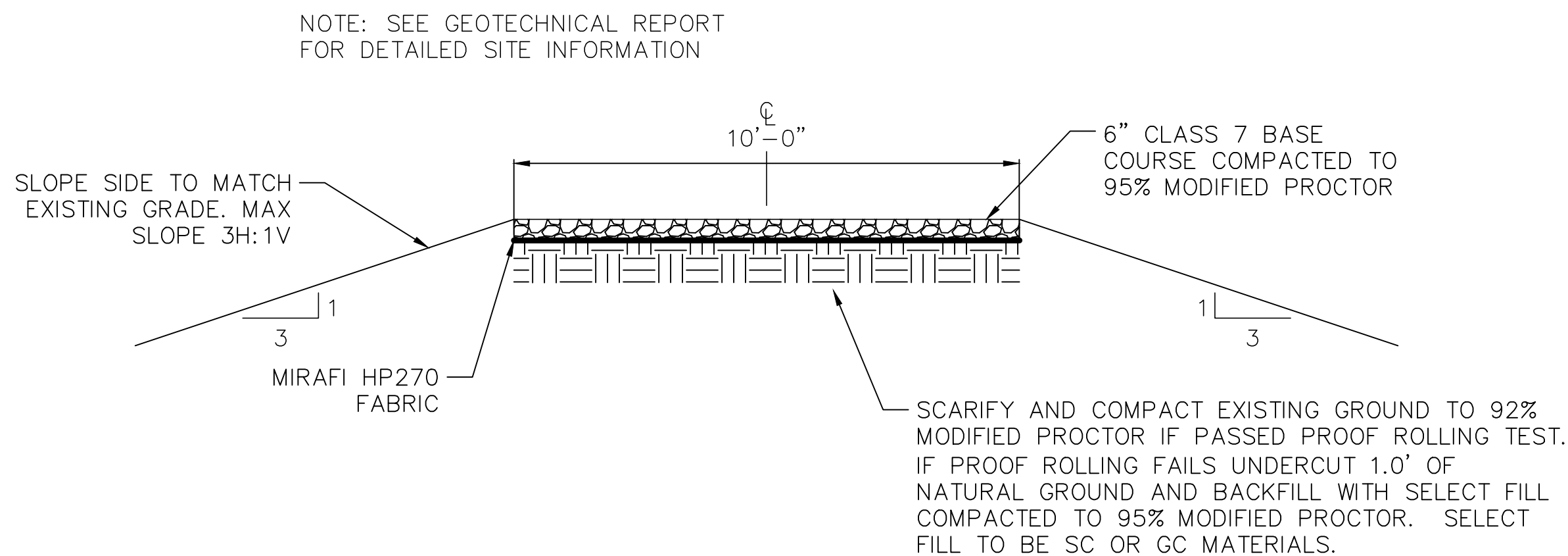
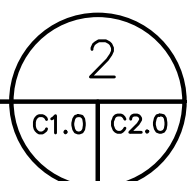
SECURITY FENCE DETAIL

SCALE: NTS



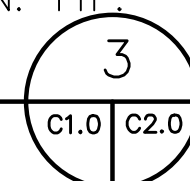
INDUSTRIAL GRAVEL ROAD DETAIL

SCALE: NTS

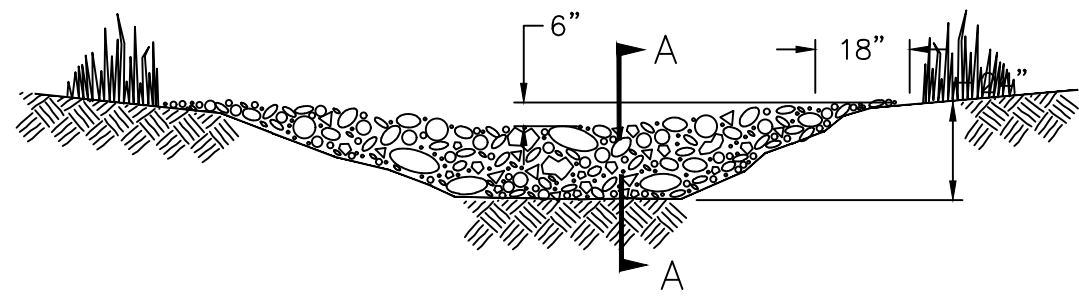


VEHICULAR GRAVEL ROAD DETAIL

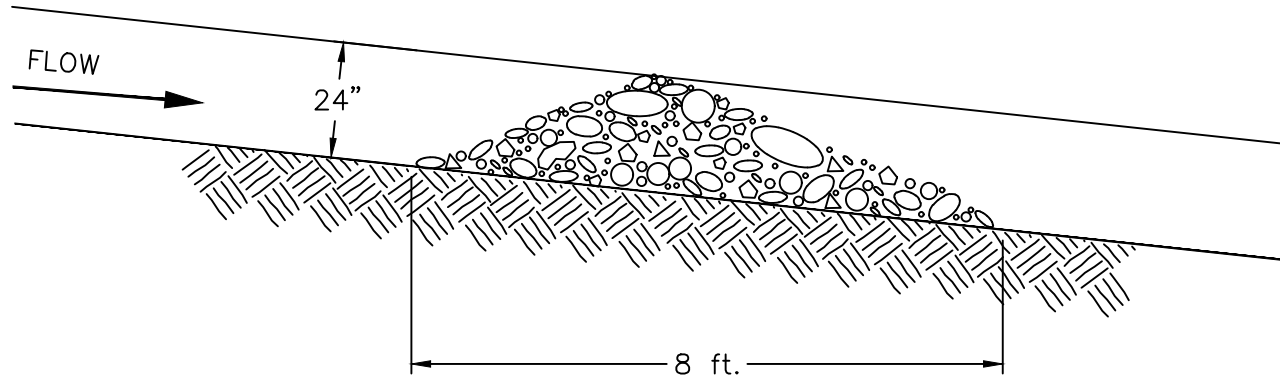
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PRELIMINARY

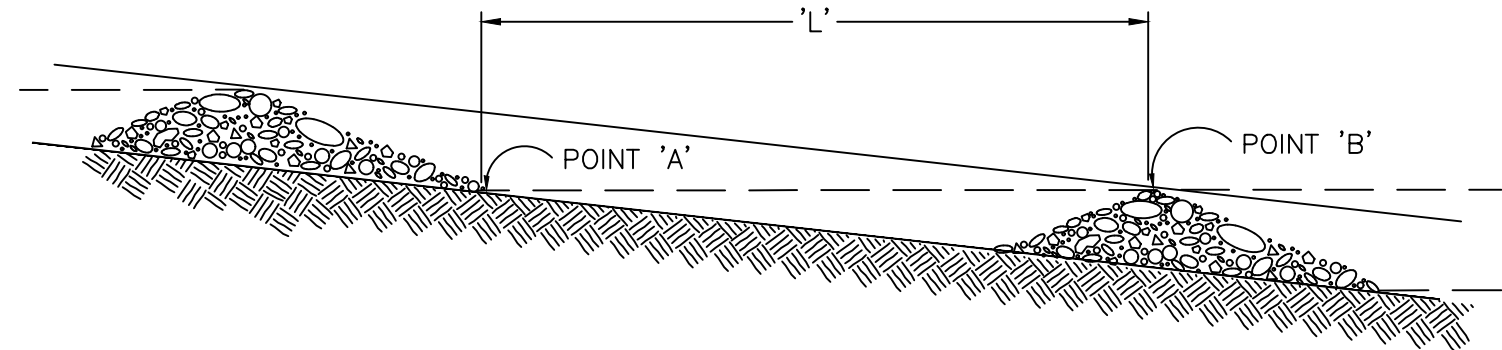


NOTE: KEY STONE INTO THE DITCH BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" TO PREVENT OVERFLOW AROUND DAM.



SECTION A-A

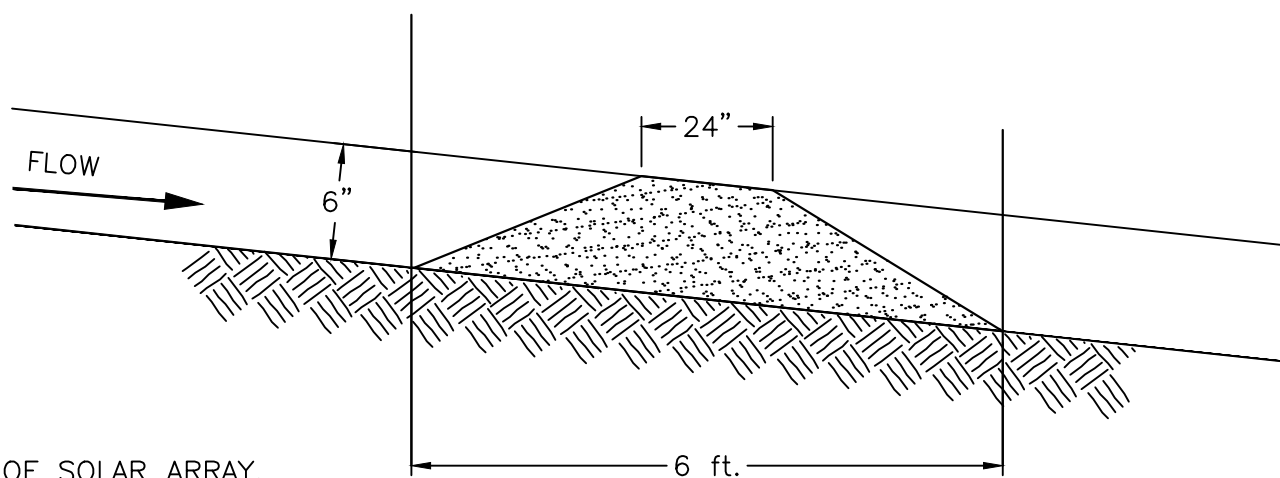
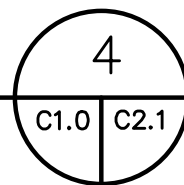
'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION.



SPACING BETWEEN CHECK DAMS

ROCK CHECK DAM DETAIL

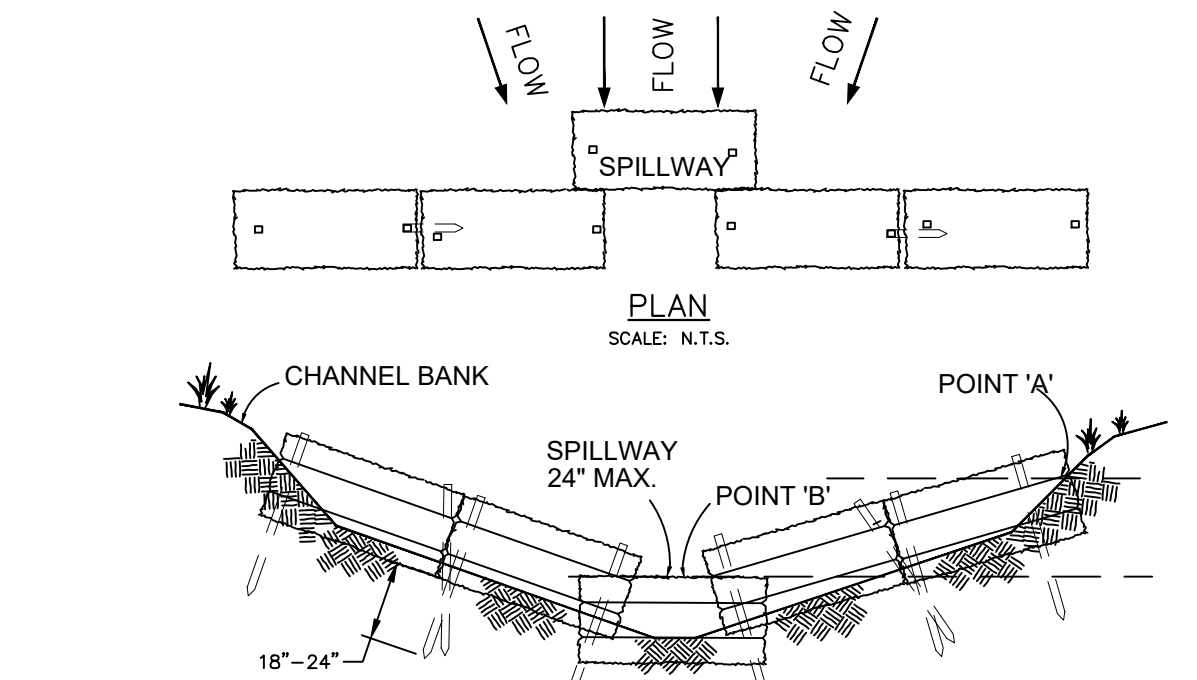
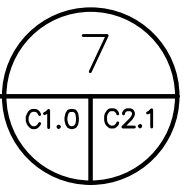
SCALE: NTS



- NOTES:
1. INSTALL SWALE DOWNGRADIENT OF SOLAR ARRAY.
 2. USE 4:1 H:V SLOPE ON EDGES.

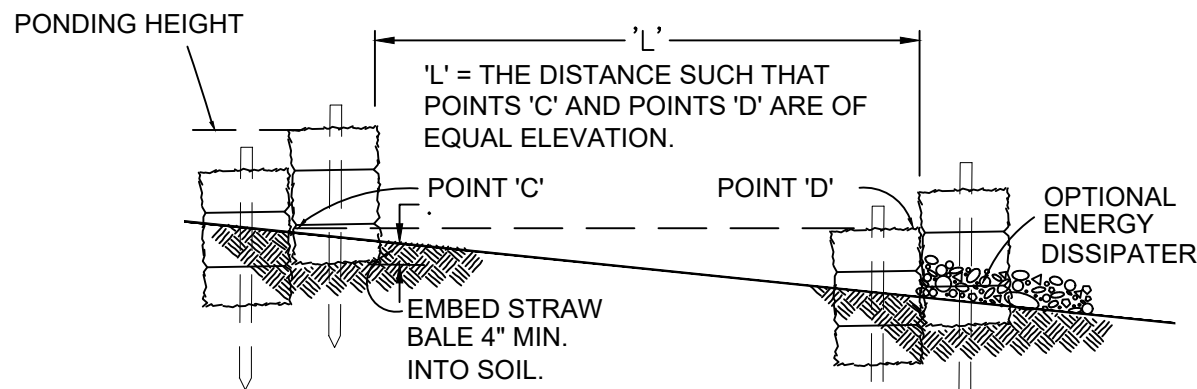
FIELD LOCATED SWALE DETAIL

SCALE: NTS



VIEW LOOKING UPSTREAM

SCALE: N.T.S.



SPACING BETWEEN CHECK DAMS

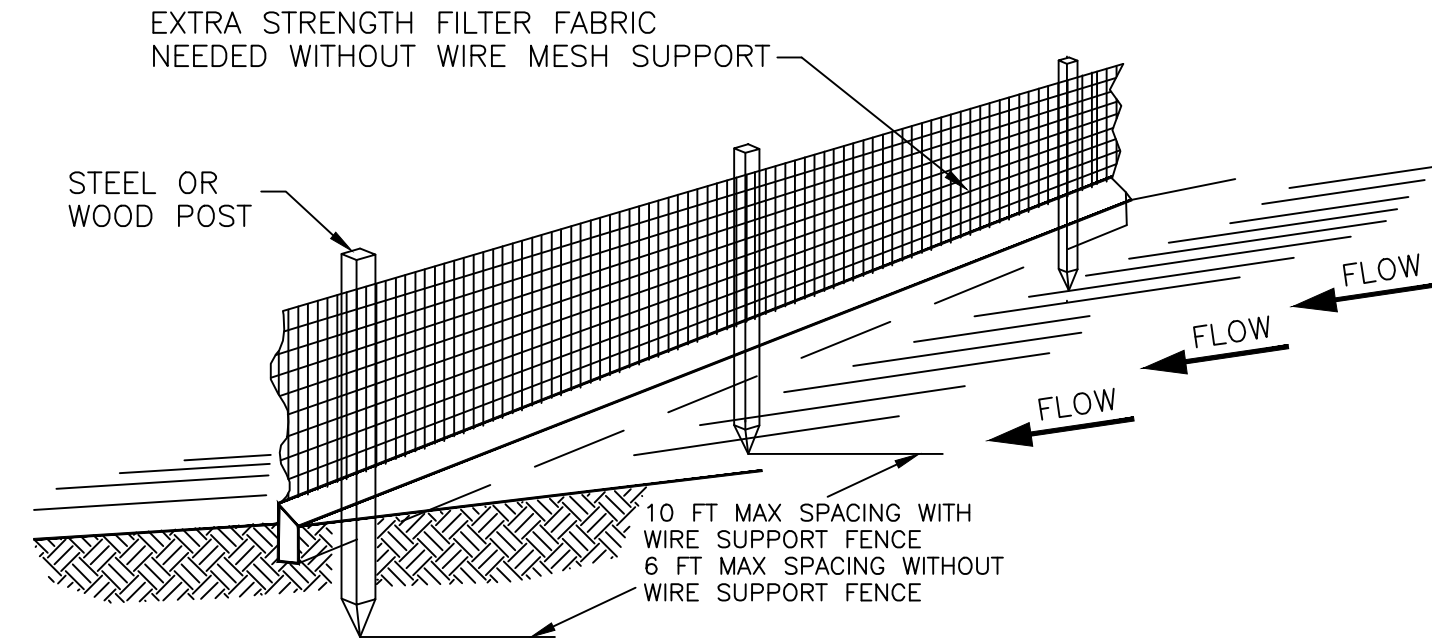
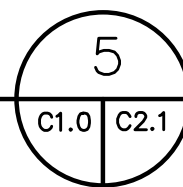
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NOTES:

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

NOTE:

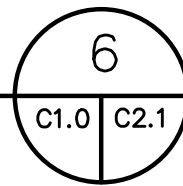
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE DETAIL

SCALE: NTS

ALTERNATE DETAIL
TRENCH WITH GRAVEL

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
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3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



EROSION CONTROL DETAILS

SHEET TITLE:

BRYANT SD SOLAR ARRAY
SCENIC HILL SOLAR
BRYANT, ARKANSAS

PROJECT TITLE:

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: MAY 21, 2025 SCALE: N.T.S.	DRAWN BY: JTM CHECKED BY: JTM
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JOB NUMBER: KT257024	SHEET NUMBER: C2.0
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PRELIMINARY