



- NOTES:**
1. THE BASE MAP HAS BEEN CREATED USING AERIAL IMAGERY AND AVAILABLE COUNTY GIS DATA.
 2. AN ALTA SURVEY WAS COMPLETED BY ARM GROUP LLC ON AUGUST 28, 2025.
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LEGEND

NOTE: LEGEND IS TYPICAL, NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

	EXISTING CONTOURS
	SURVEYED PROPERTY BOUNDARY
	ADJOINING PROPERTY LINE
	EXISTING MONUMENT
	EXISTING SOIL BOUNDARY & DESCRIPTOR
	EXISTING SETBACK
	EXISTING RIGHT OF WAY
	EXISTING ACCESS EASEMENT
	EXISTING PAVED ROAD
	EXISTING ACCESS ROAD
	EXISTING TREETLINE
	EXISTING TREE
	EXISTING STRUCTURE
	EXISTING UTILITY POLE
	EXISTING OVERHEAD ELECTRIC
	EXISTING POST
	EXISTING METER
	10%-15% SLOPES
	>15% SLOPES



Drawn by	ARM	Scale	1" = 100'
Checked by	BCC	Date	04/27/2026
Approved by	CLE	Project No.	25011162
Project Name	EXISTING SITE CONDITIONS PLAN		

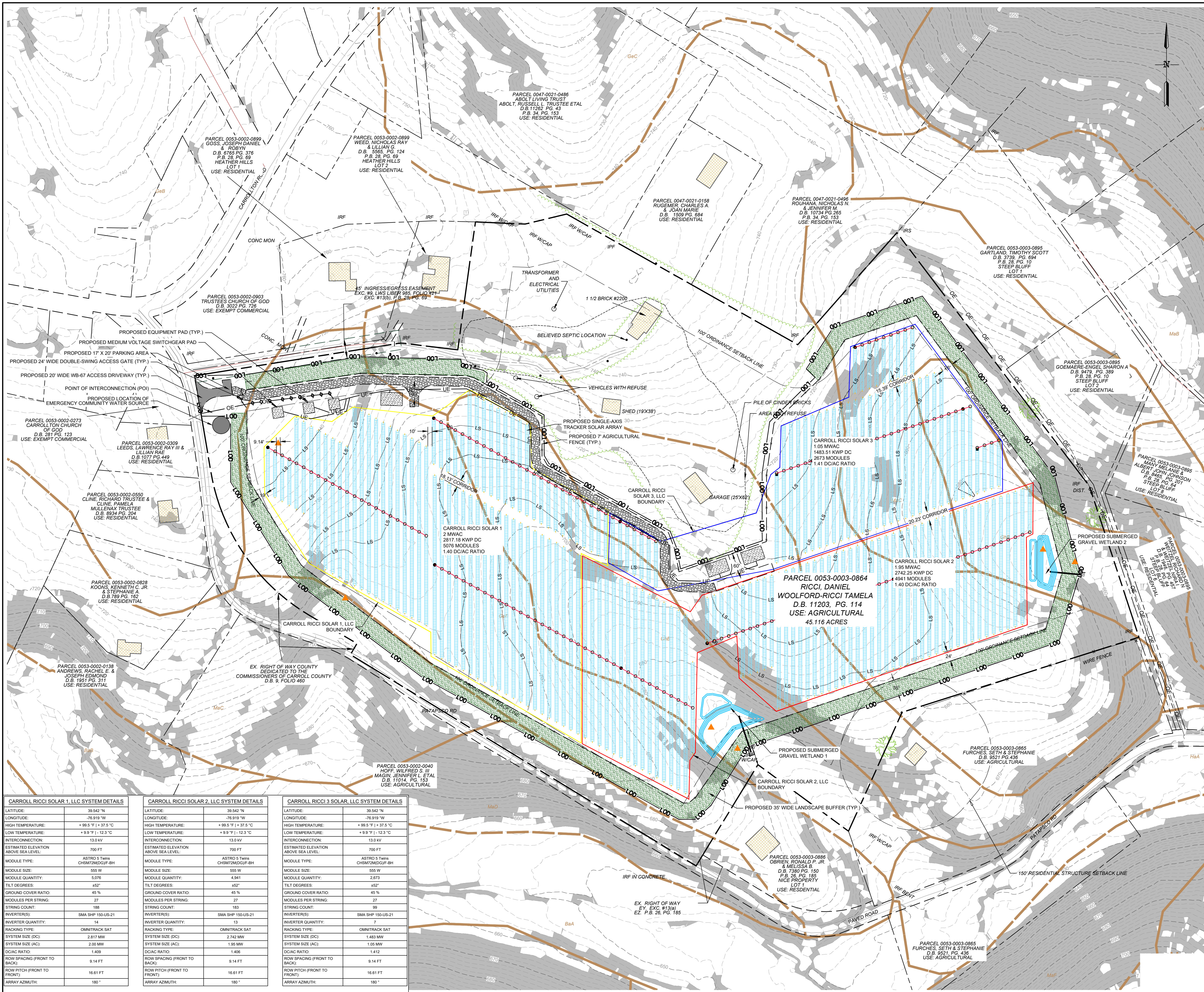
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EXISTING SITE CONDITIONS PLAN
2200 PATAPSCO RD, FINKSBURG, MD 21157

CARROLL RICCI SOLAR, LLC
CARROLL RICCI SOLAR 2, LLC
CARROLL RICCI SOLAR 3, LLC

FINKSBURG
CARROLL COUNTY, MARYLAND

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	ADJOINING PROPERTY LINE
	EXISTING MONUMENT
	EXISTING SOIL BOUNDARY & DESCRIPTOR
	EXISTING SETBACK
	EXISTING RIGHT OF WAY
	EXISTING ACCESS EASEMENT
	EXISTING PAVED ROAD
	EXISTING ACCESS ROAD
	EXISTING TREELINE
	EXISTING TREE
	EXISTING STRUCTURE
	EXISTING UTILITY POLE
	EXISTING OVERHEAD ELECTRIC
	EXISTING POST
	EXISTING METER
	>15% SLOPES
	PROPOSED UTILITY POLE
	PROPOSED OVERHEAD ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
	PROPOSED ACCESS ROAD
	PROPOSED PAVED ROAD
	PROPOSED EQUIPMENT PAD
	PROPOSED FENCE
	PROPOSED LANDSCAPE BUFFER
	PROPOSED DRIVE LINE
	PROPOSED CARROLL RICCI SOLAR 1, LLC SITE BOUNDARY
	PROPOSED CARROLL RICCI SOLAR 2, LLC SITE BOUNDARY
	PROPOSED CARROLL RICCI SOLAR 3, LLC SITE BOUNDARY

OVERALL SYSTEM DETAILS

LATITUDE:	39.542° N
LONGITUDE:	-76.919° W
HIGH TEMPERATURE:	+99.5° F +37.5° C
LOW TEMPERATURE:	+9.9° F -12.3° C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)/F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	12,690
TILT DEGREES:	±52°
GROUND COVER RATIO:	45 %
MODULES PER STRING:	27
STRING COUNT:	470
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	34
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	7,043 MW
SYSTEM SIZE (AC):	5,000 MW
DC/AC RATIO:	1.409
ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT
ARRAY AZIMUTH:	180°
FENCE AREA ACREAGE:	25.69 AC.

CARROLL RICCI SOLAR 1, LLC SYSTEM DETAILS	CARROLL RICCI SOLAR 2, LLC SYSTEM DETAILS	CARROLL RICCI SOLAR 3, LLC SYSTEM DETAILS
LATITUDE:	39.542° N	39.542° N
LONGITUDE:	-76.919° W	-76.919° W
HIGH TEMPERATURE:	+99.5° F +37.5° C	+99.5° F +37.5° C
LOW TEMPERATURE:	+9.9° F -12.3° C	+9.9° F -12.3° C
INTERCONNECTION:	13.0 kV	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)/F-BH	ASTRO 5 Twins CHSM72M(DG)/F-BH
MODULE SIZE:	555 W	555 W
MODULE QUANTITY:	4,941	2,673
TILT DEGREES:	±52°	±52°
GROUND COVER RATIO:	45 %	45 %
MODULES PER STRING:	27	27
STRING COUNT:	188	99
INVERTER(S):	SMA SHP 150-US-21	SMA SHP 150-US-21
INVERTER QUANTITY:	14	7
RACKING TYPE:	OMNITRACK SAT	OMNITRACK SAT
SYSTEM SIZE (DC):	2,817 MW	1,483 MW
SYSTEM SIZE (AC):	2.00 MW	1.05 MW
DC/AC RATIO:	1.409	1.412
ROW SPACING (FRONT TO BACK):	9.14 FT	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT	16.61 FT
ARRAY AZIMUTH:	180°	180°

ARM Group LLC
Engineers and Scientists
www.armgroup.net

PROPOSED SITE CONDITIONS PLAN
2200 PATAPSCO RD, FINKSBURG, MD 21157

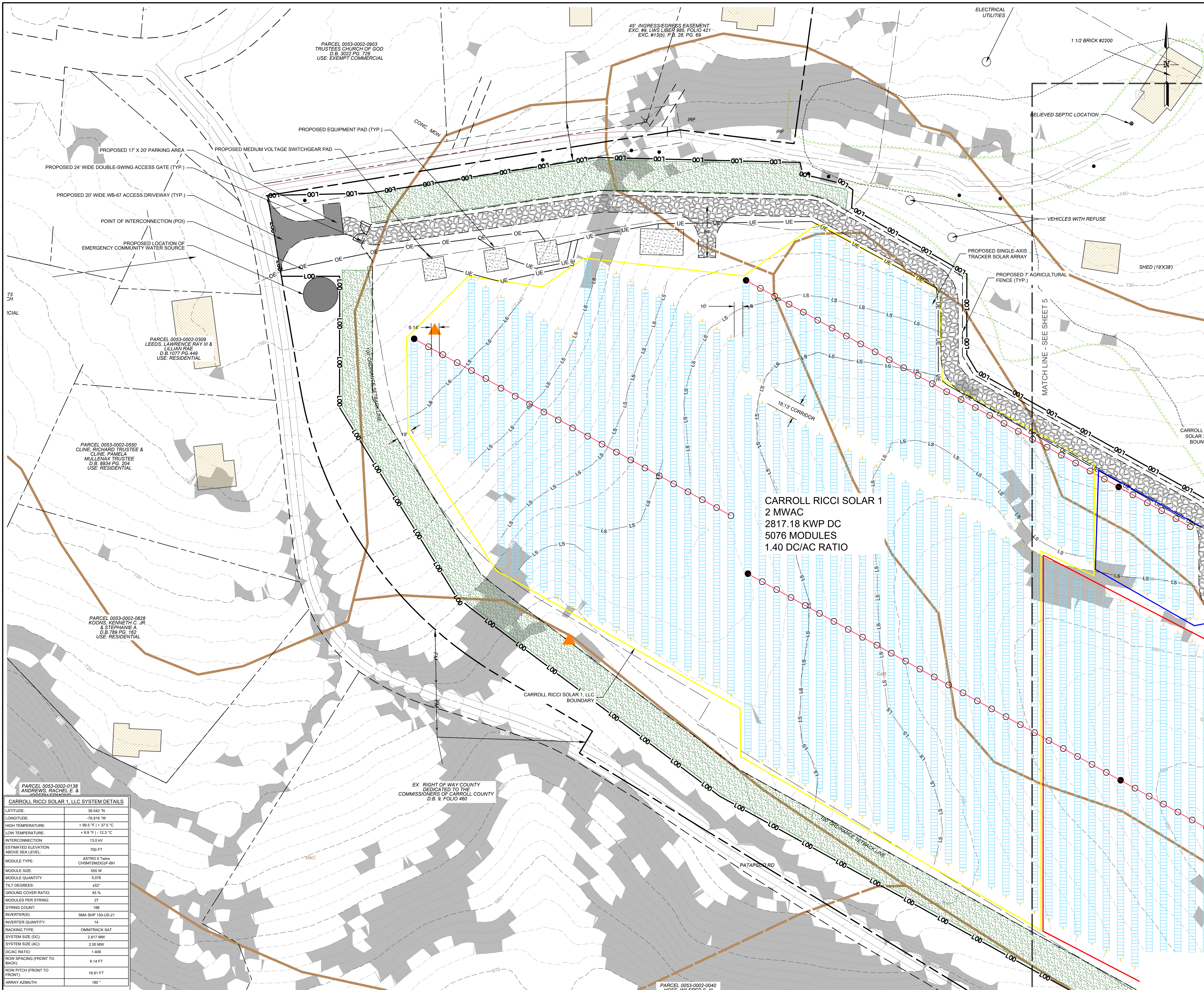
Sheet 0400-STE

ARM: BCC, CLE
Date: 04/27/2026
Scale: 1" = 100'

PROPOSED CARROLL RICCI SOLAR 1, LLC
PROPOSED CARROLL RICCI SOLAR 2, LLC
PROPOSED CARROLL RICCI SOLAR 3, LLC

FINKSBURG
CARROLL COUNTY, MARYLAND

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LEGEND

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- EXISTING OVERHEAD ELECTRIC
- EXISTING POST
- EXISTING METER
- >15% SLOPES
- PROPOSED UTILITY POLE
- PROPOSED OVERHEAD ELECTRIC
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- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
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OVERALL SYSTEM DETAILS

LATITUDE:	39.542 °N
LONGITUDE:	-76.919 °W
HIGH TEMPERATURE:	+ 99.5 °F + 37.5 °C
LOW TEMPERATURE:	+ 9.9 °F - 12.3 °C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)/F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	12,690
TILT DEGREES:	±52°
GROUND COVER RATIO:	45 %
MODULES PER STRING:	27
STRING COUNT:	470
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	34
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	7.043 MW
SYSTEM SIZE (AC):	5.000 MW
DC/AC RATIO:	1.409
ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT
ARRAY AZIMUTH:	180 °
FENCE AREA ACREAGE:	25.69 AC.

CARROLL RICCI SOLAR 1, LLC SYSTEM DETAILS

LATITUDE:	39.542 °N
LONGITUDE:	-76.919 °W
HIGH TEMPERATURE:	+ 99.5 °F + 37.5 °C
LOW TEMPERATURE:	+ 9.9 °F - 12.3 °C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)/F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	9,378
TILT DEGREES:	±52°
GROUND COVER RATIO:	45 %
MODULES PER STRING:	27
STRING COUNT:	188
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	14
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	2.817 MW
SYSTEM SIZE (AC):	2.00 MW
DC/AC RATIO:	1.409
ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT
ARRAY AZIMUTH:	180 °

**CARROLL RICCI SOLAR 1
2 MWAC
2817.18 KWP DC
5076 MODULES
1.40 DC/AC RATIO**



PROJECT NO.	25011162
DATE	04/27/2026
SCALE	1" = 50'
SCALE IN FEET	0 50 100

DESIGNED BY	ARM
CHECKED BY	BCC
DATE	04/27/2026
PROJECT NO.	25011162
SCALE	1" = 50'
SCALE IN FEET	0 50 100

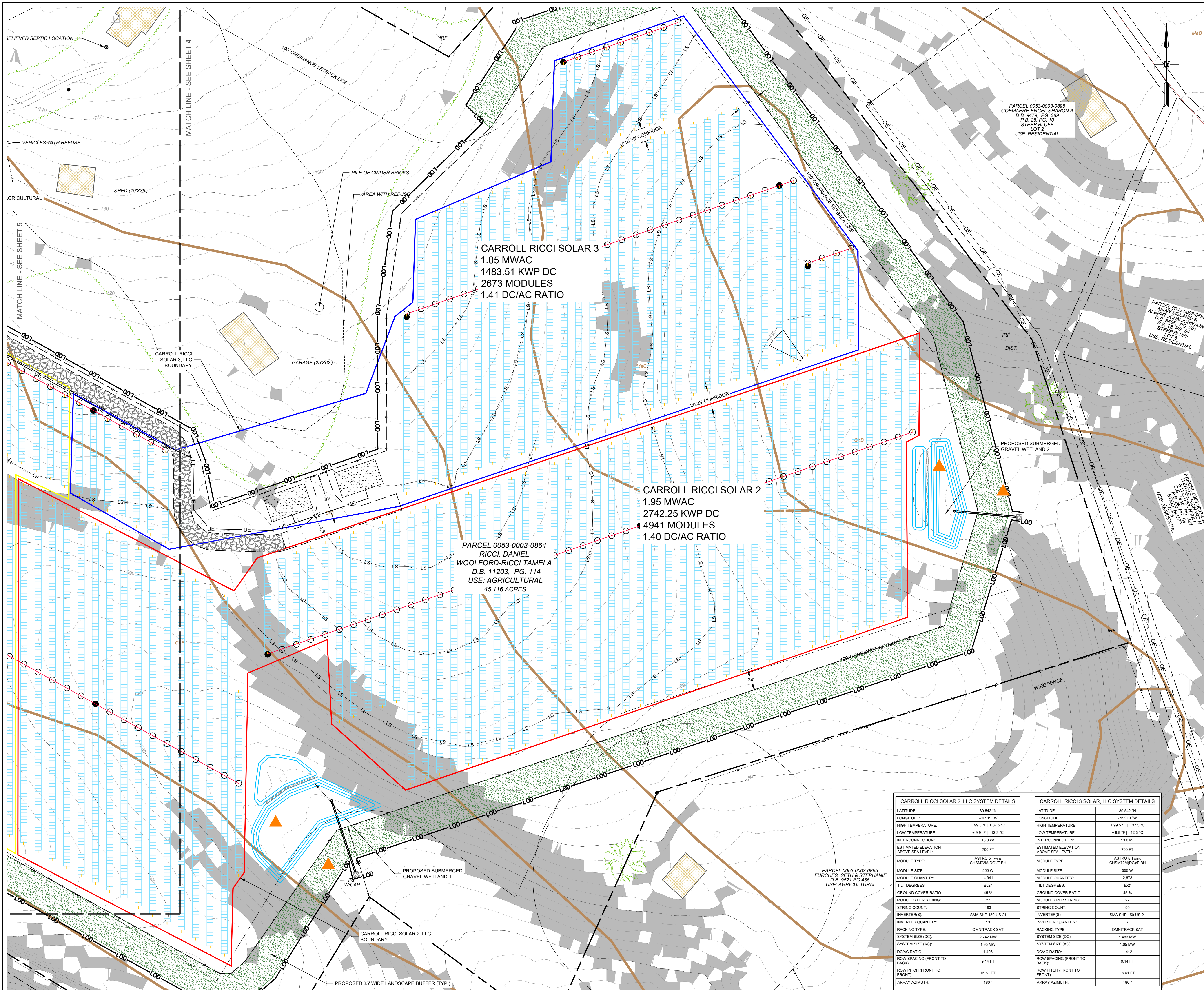
PROPOSED SITE CONDITIONS PLAN
2200 PATAPSCO RD, FINKSBURG, MD 21157

CARROLL RICCI SOLAR, LLC
CARROLL RICCI SOLAR 2, LLC
CARROLL RICCI SOLAR 3, LLC

FINKSBURG
CARROLL COUNTY, MARYLAND

Sheet 0401-STE

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---	EXISTING ACCESS ROAD
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●	EXISTING TREE
---	EXISTING STRUCTURE
○	EXISTING UTILITY POLE
—○—○—	EXISTING OVERHEAD ELECTRIC
●	EXISTING POST
□	EXISTING METER
---	>15% SLOPES
○	PROPOSED UTILITY POLE
—○—○—	PROPOSED OVERHEAD ELECTRIC
—○—○—	PROPOSED UNDERGROUND ELECTRIC
---	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
---	PROPOSED ACCESS ROAD
---	PROPOSED PAVED ROAD
---	PROPOSED EQUIPMENT PAD
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---	PROPOSED LANDSCAPE BUFFER
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---	PROPOSED CARROLL RICCI SOLAR 3, LLC SITE BOUNDARY

OVERALL SYSTEM DETAILS

LATITUDE:	39.542° N
LONGITUDE:	-76.919° W
HIGH TEMPERATURE:	+99.5° F +37.5° C
LOW TEMPERATURE:	+9.9° F -12.3° C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	12,690
TILT DEGREES:	±52°
GROUND COVER RATIO:	45%
MODULES PER STRING:	27
STRING COUNT:	470
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	34
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	7,043 MW
SYSTEM SIZE (AC):	5,000 MW
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ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT
ARRAY AZIMUTH:	180°
FENCE AREA ACREAGE:	25.69 AC.

CARROLL RICCI SOLAR 2, LLC SYSTEM DETAILS

LATITUDE:	39.542° N
LONGITUDE:	-76.919° W
HIGH TEMPERATURE:	+99.5° F +37.5° C
LOW TEMPERATURE:	+9.9° F -12.3° C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	4,941
TILT DEGREES:	±52°
GROUND COVER RATIO:	45%
MODULES PER STRING:	27
STRING COUNT:	183
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	13
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	2,742 MW
SYSTEM SIZE (AC):	1,95 MW
DC/AC RATIO:	1.406
ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.61 FT
ARRAY AZIMUTH:	180°

CARROLL RICCI 3 SOLAR, LLC SYSTEM DETAILS

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LOW TEMPERATURE:	+9.9° F -12.3° C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	700 FT
MODULE TYPE:	ASTRO 5 Twins CHSM72M(DG)F-BH
MODULE SIZE:	555 W
MODULE QUANTITY:	2,673
TILT DEGREES:	±52°
GROUND COVER RATIO:	45%
MODULES PER STRING:	27
STRING COUNT:	99
INVERTER(S):	SMA SHP 150-US-21
INVERTER QUANTITY:	7
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	1,483 MW
SYSTEM SIZE (AC):	1,05 MW
DC/AC RATIO:	1.412
ROW SPACING (FRONT TO BACK):	9.14 FT
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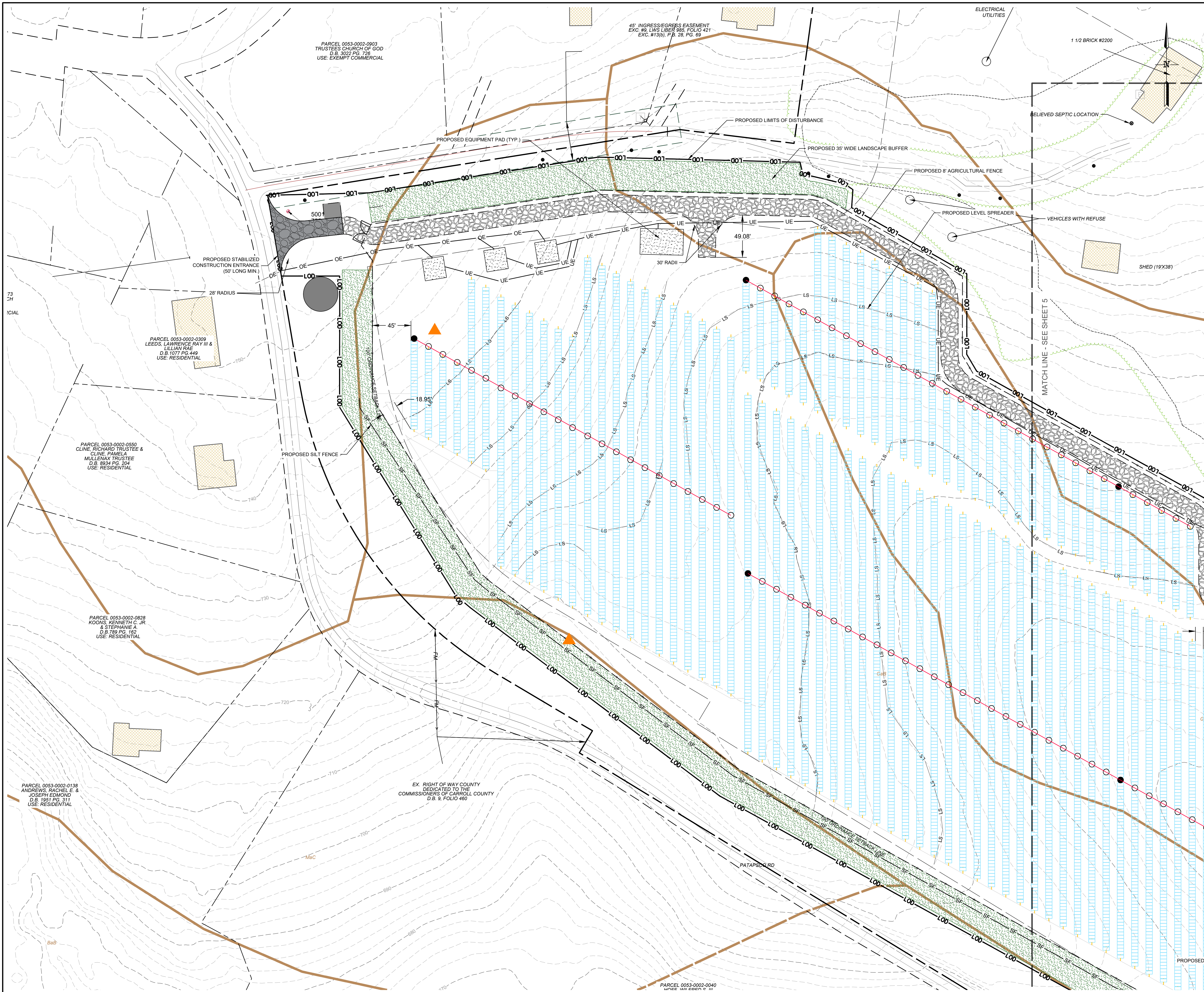


PROJECT NO.	25011162
DATE	04/27/2026
SCALE	1" = 50'
BY	
CHKD	
APP'D	
REV	

PROJECT NAME	PROPOSED SITE CONDITIONS PLAN
ADDRESS	2200 PATAPSCO RD, FINKSBURG, MD 21157
CLIENT	ARM
OWNER	BCC
DESIGNER	CLE
SCALE	1" = 50'
DATE	04/27/2026
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CHKD	
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REV	

PROJECT NAME	PROPOSED SITE CONDITIONS PLAN
ADDRESS	2200 PATAPSCO RD, FINKSBURG, MD 21157
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LEGEND

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- 000 --- EXISTING CONTOURS
- --- PROPERTY BOUNDARY
- --- ADJOINING PROPERTY LINE
- --- EXISTING RIGHT OF WAY
- --- EXISTING SETBACK
- --- EXISTING SOIL BOUNDARY & DESCRIPTOR
- --- EXISTING MONUMENTS
- --- EXISTING VERIFIED WETLANDS
- --- WETLAND BUFFER (25')
- --- EXISTING VERIFIED WATERCOURSE
- --- EXISTING VARIABLE STREAM BUFFER
- --- EXISTING TREELINE
- --- EXISTING POND
- --- POND BUFFER (50')
- --- EXISTING UTILITY POLE
- --- EXISTING OVERHEAD ELECTRIC
- --- EXISTING TELECOMMUNICATION LINE
- --- EXISTING FENCE
- --- EXISTING PAVED ROAD
- --- EXISTING ACCESS ROAD
- --- EXISTING STRUCTURE
- --- EXISTING GUIDERAIL
- --- 15-25% SLOPES
- --- >25% SLOPES
- --- PROPOSED UTILITY POLE
- --- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
- --- PROPOSED ACCESS ROAD
- --- PROPOSED PAVED ACCESS DRIVEWAY
- --- PROPOSED EQUIPMENT PAD
- --- PROPOSED FENCE
- --- PROPOSED LANDSCAPE BUFFER
- --- PROPOSED APPROXIMATE LEVEL SPREADER
- --- PROPOSED APPROXIMATE STORMWATER BMP
- --- PROPOSED APPROXIMATE CHANNEL
- --- PROPOSED DRIVE LINE
- --- PROPOSED RIVER ROCK PAD
- --- PROPOSED CULVERT
- --- PROPOSED SILT FENCE
- --- PROPOSED SUPER SILT FENCE
- --- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- --- PROPOSED LIMIT OF DISTURBANCE

STANDARD STABILIZATION NOTE

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- THREE (3) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, AND
- SEVEN (7) CALENDAR DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

NOTE: TOP SOIL MAY BE GRADED AND STOCKPILED IF NEEDED, BUT NO TOP SOIL MAY LEAVE THE SITE

ENVIRONMENTAL FEATURES NOTES:

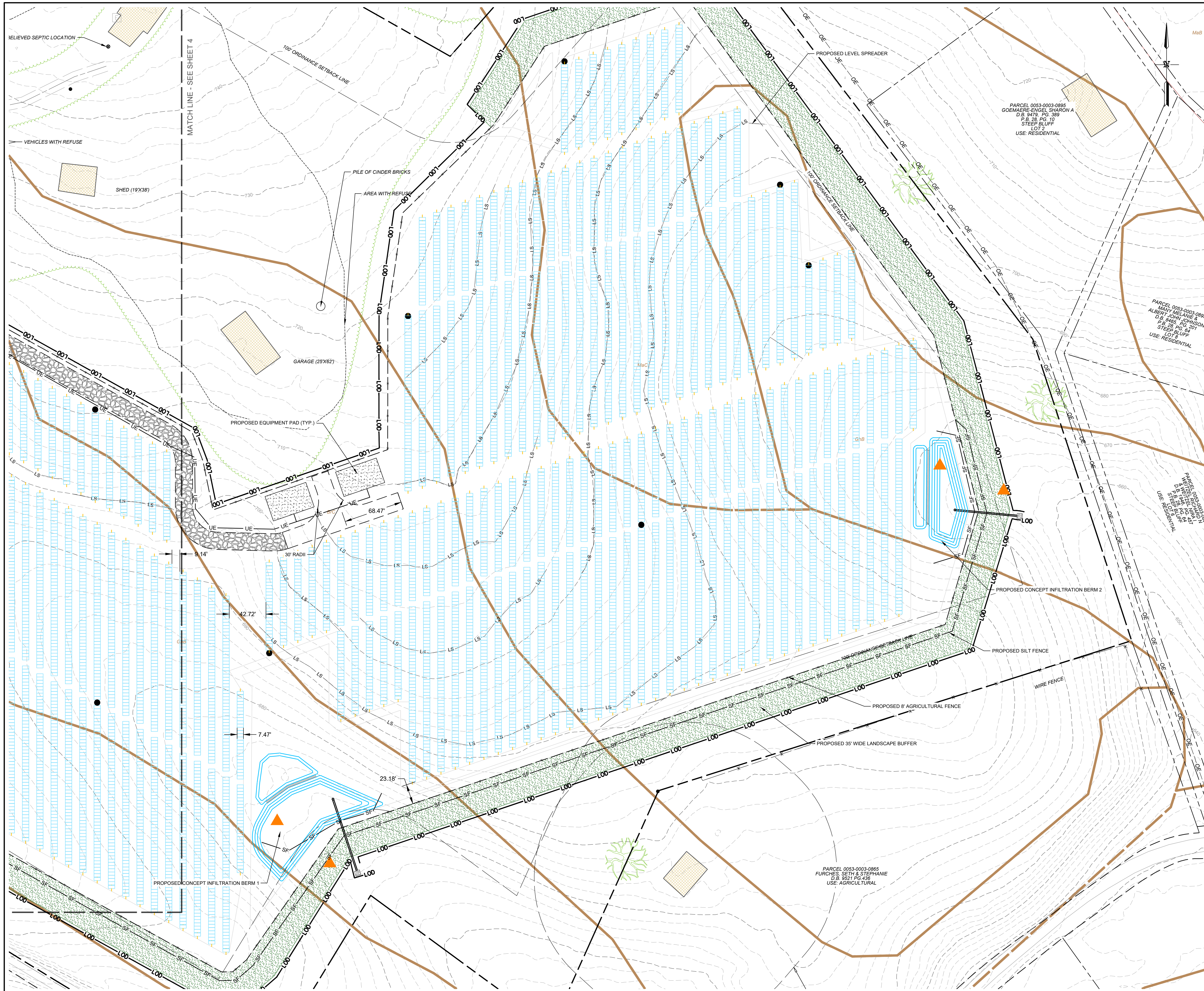
1. THE PROJECT DOES NOT DISCHARGE TO TIER II WATERS AND IS NOT LOCATED WITHIN A TIER II CATCHMENT AREA.
2. THE UNNAMED TRIBUTARY TO BIG PIPE CREEK HAS A USE CLASS OF NONTIDAL COLD WATER AND PUBLIC WATER SUPPLY (II-P).



Project No.	25011162
Client	ARM
Design	BCC
Drawn	CLE
Scale	1" = 50'
Date	04/27/2026
Revision	

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- --- EXISTING RIGHT OF WAY
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- --- EXISTING SOIL BOUNDARY & DESCRIPTOR
- ○ ○ ○ ○ EXISTING MONUMENTS
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- --- WETLAND BUFFER (25')
- --- EXISTING VERIFIED WATERCOURSE
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- --- EXISTING TREELINE
- --- EXISTING POND
- --- POND BUFFER (50')
- ○ ○ ○ ○ EXISTING UTILITY POLE
- --- EXISTING OVERHEAD ELECTRIC
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- --- EXISTING STRUCTURE
- --- EXISTING GUIDERAIL
- --- 15-25% SLOPES
- --- >25% SLOPES
- ○ ○ ○ ○ PROPOSED UTILITY POLE
- --- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
- --- PROPOSED ACCESS ROAD
- --- PROPOSED PAVED ACCESS DRIVEWAY
- --- PROPOSED EQUIPMENT PAD
- --- PROPOSED FENCE
- --- PROPOSED LANDSCAPE BUFFER
- --- PROPOSED APPROXIMATE LEVEL SPREADER
- --- PROPOSED APPROXIMATE STORMWATER BMP
- --- PROPOSED APPROXIMATE CHANNEL
- --- PROPOSED DRIVE LINE
- --- PROPOSED RIVER ROCK PAD
- --- PROPOSED CULVERT
- --- PROPOSED SILT FENCE
- --- PROPOSED SUPER SILT FENCE
- --- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- --- PROPOSED LIMIT OF DISTURBANCE


STANDARD STABILIZATION NOTE
FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:
a. THREE (3) CALENDAR DAYS TO THE SURFACE OF ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, AND SEVEN (7) CALENDAR DAYS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

NOTE: TOP SOIL MAY BE GRADED AND STOCKPILED IF NEEDED, BUT NO TOP SOIL MAY LEAVE THE SITE.

ENVIRONMENTAL FEATURES NOTES:

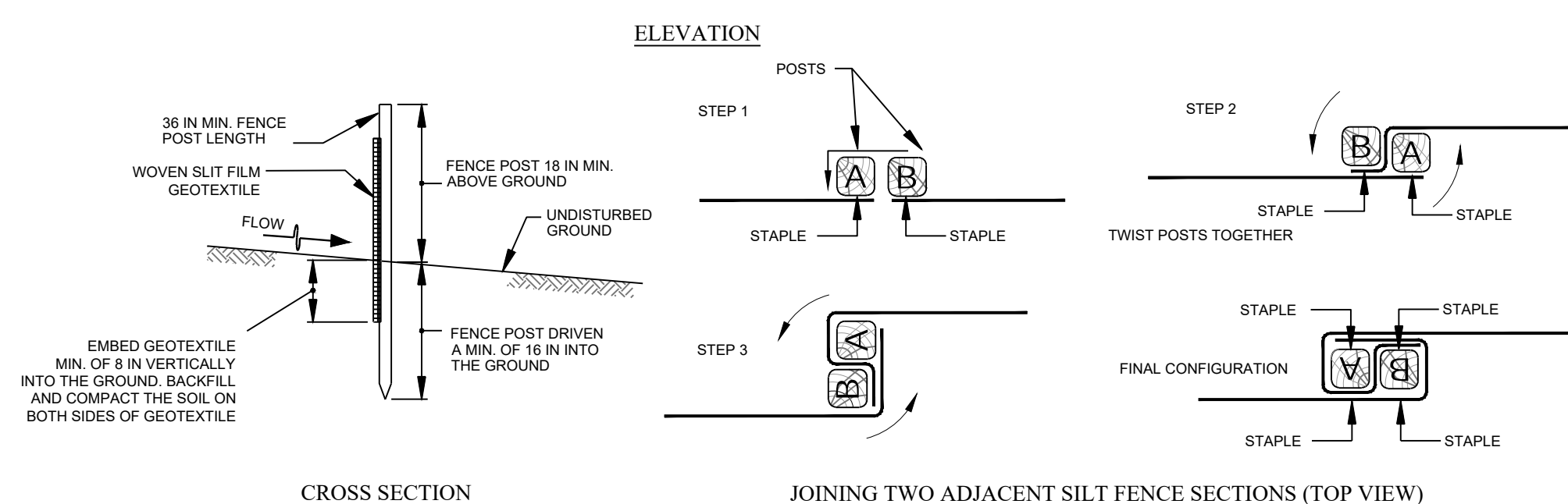
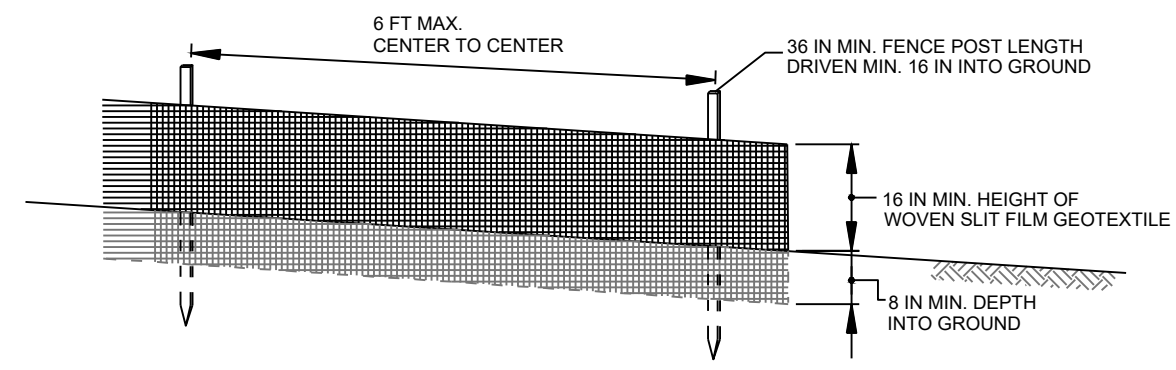
1. THE PROJECT DOES NOT DISCHARGE TO TIER II WATERS AND IS NOT LOCATED WITHIN A TIER II CATCHMENT AREA.
2. THE UNNAMED TRIBUTARY TO BIG PIPE CREEK HAS A USE CLASS OF NONTILD COLD WATER AND PUBLIC WATER SUPPLY (III-P).

ARM Group LLC
Engineers and Scientists
www.armgroup.net



Project No.	25011162	Scale	1" = 50'	Date	04/27/2026
Client	ARM	Drawn By	BCC	Checked By	CLE
Project Name	CONCEPTUAL SEDIMENT CONTROL PLAN (2 OF 2) 2200 PATAPSCO RD, FINKSBURG, MD 21157				
Project Location	FINKSBURG CARROLL COUNTY, MARYLAND				
Project Manager	CARROLL RICCI SOLAR, LLC CARROLL RICCI SOLAR 2, LLC CARROLL RICCI SOLAR 3, LLC				

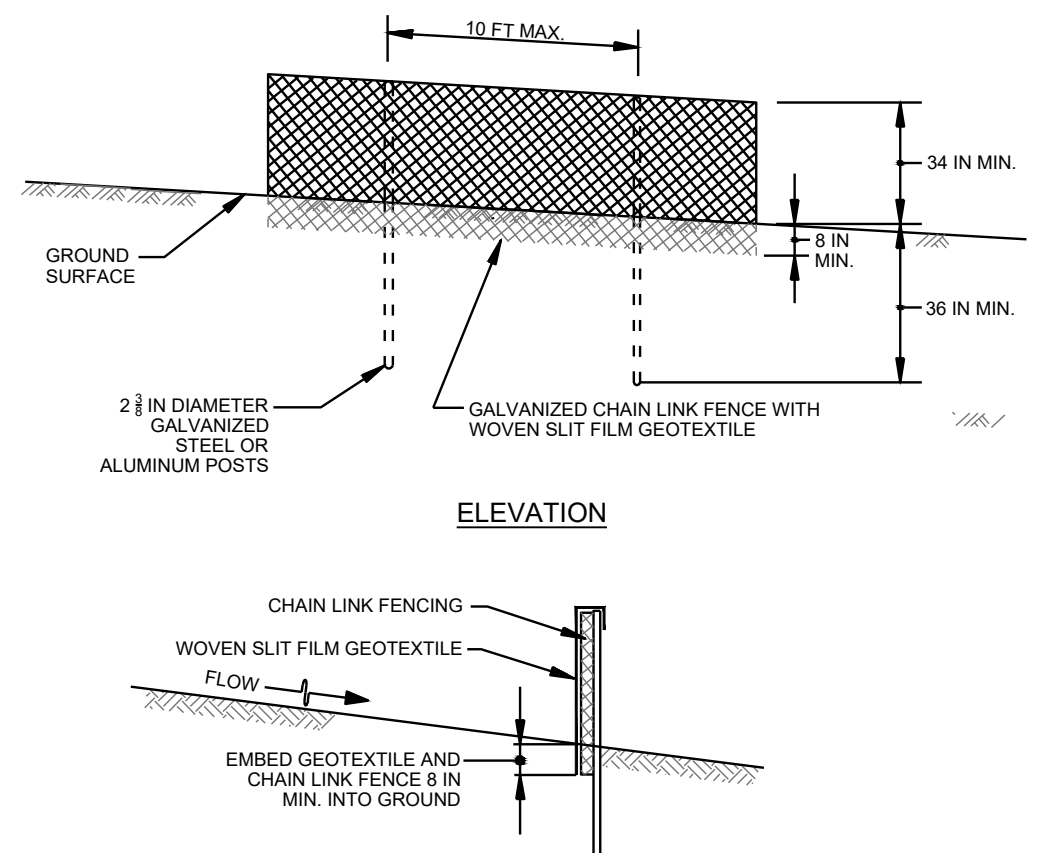
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NOTES:

- SILT FENCE DESIGN AS PER MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (DETAIL E-1).
- USE WOOD POSTS 1-3/4 X 1-1/8 INCH (MINIMUM) SQUARE CUT OF SOUND QUALITY HARDWOOD. AS AN ALTERNATIVE TO WOODEN POST USE STANDARD "T" OR "U" SECTION STEEL POSTS WEIGHING NOT LESS THAN 1 POUND PER LINEAR FOOT.
- USE 36 INCH MINIMUM POSTS DRIVEN 16 INCH MINIMUM INTO GROUND NO MORE THAN 6 FEET APART.
- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS AND FASTEN GEOTEXTILE SECURELY TO UPSLOPE SIDE OF FENCE POSTS WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION.
- PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- EMBED GEOTEXTILE A MINIMUM OF 8 INCHES VERTICALLY INTO THE GROUND. BACKFILL AND COMPACT THE SOIL ON BOTH SIDES OF FABRIC.
- WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, TWIST, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL.
- EXTEND BOTH ENDS OF THE SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SILT FENCE.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL FENCE.

1 DETAIL SILT FENCE (TYP.) NOT TO SCALE

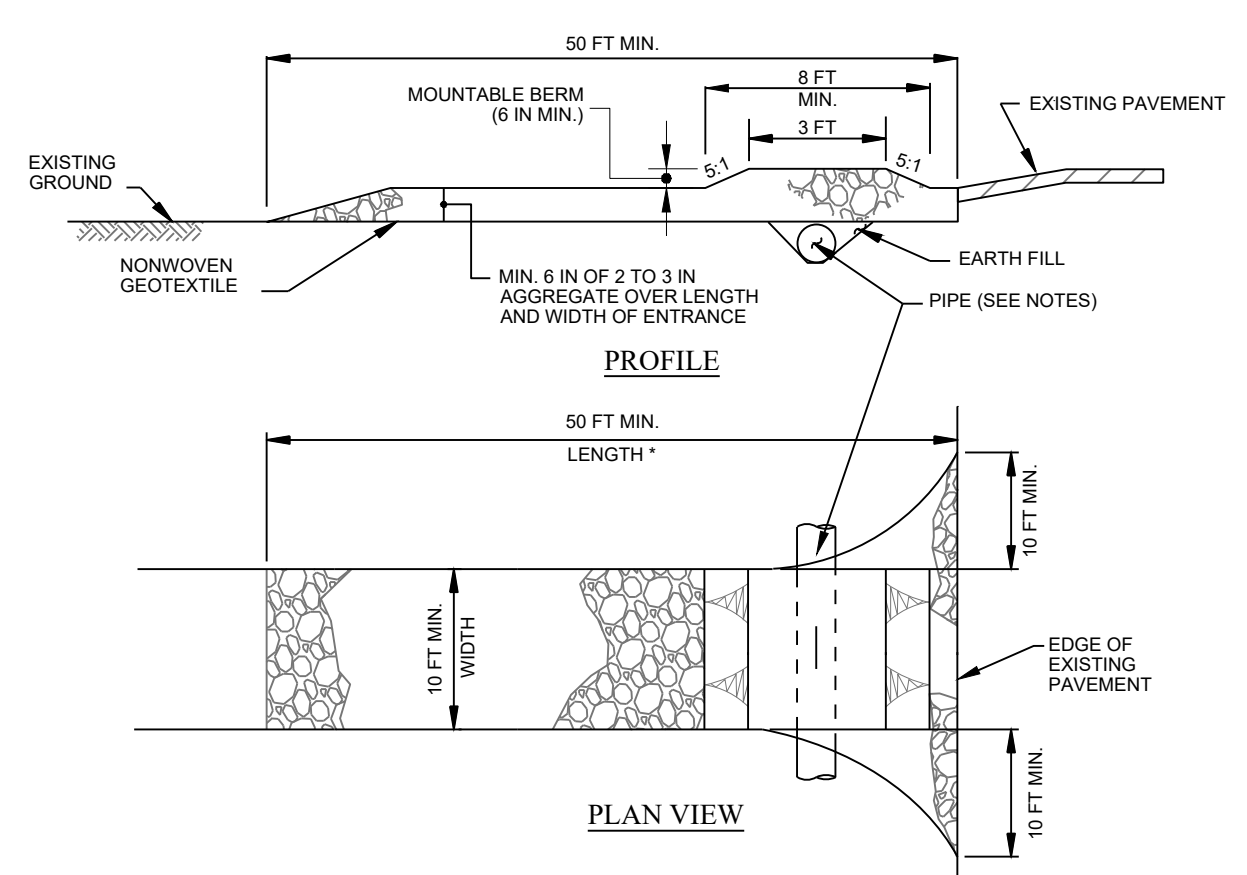


CONSTRUCTION SPECIFICATIONS:

- INSTALL 2 3/8 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
- FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 3/8 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
- FASTEN WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
- WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
- EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

2 DETAIL SUPER SILT FENCE NOT TO SCALE

NOTE: CONTRACTOR MAY USE SMART FENCE 42 IN PLACE OF SUPER SILT FENCE IN ANY LOCATION SUPER SILT FENCE IS SHOWN ON PLANS.



NOTES:

- STABILIZED CONSTRUCTION ENTRANCE DESIGN AS PER MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (DETAIL B-1).
- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

3 DETAIL STABILIZED CONSTRUCTION ENTRANCE (TYP.) NOT TO SCALE

SMARTFENCE® MD 42
MDE APPROVED PRODUCT

MARYLAND

SMARTFENCE 42"
INSTALLATION INSTRUCTIONS
SEDIMENT & PERIMETER CONTROL



ACF Environmental's SMARTfence 42 sediment control product is approved by the Maryland Department of the Environment.

Maryland Department of the Environment, Water and Science Administration grants provisional approval for SMARTfence 42 to be considered as a substitute for "Super Silt Fence" (SSF) in conditions where SSF would typically be specified.

"The main differences between the SMARTfence 42 product and the current specifications for SSF include elimination of the chain-link reinforcing component, deeper penetration of the supporting posts, and closer spacing of the support posts. The objective of this product is to provide the filtering capability and energy resistance provided by SSF but eliminate the need to produce, ship, and dispose of the chain link and post components of SSF."

- Stewart R. Comstock, P.E., Chief Program Review Division Water and Science Administration

PRODUCT DRAWINGS CAN BE FOUND ON THE BACK OF THIS INFORMATION SHEET.



SMARTfence

42" SMARTfence Accepted alternative to Super Silt Fence



STEP 1: Excavate trench a maximum of 4" wide and 6" deep. The trench shall be hand-cleaned following excavation to remove bulky debris such as rocks, sticks, and soil clods from the trench. Drive studded metal T-posts with anchor plates having a minimum weight of 1.25 lb/ft and a 72" height. Drive post into ground with a minimum depth of 36". Post spacing must be no greater than 6 ft maximum.

STEP 2: Layout SMARTfence® 42 along proposed fence line next to anchor trench. Locate one end of the SMARTfence® 42 and position vertically along the initial post.

STEP 3: For the initial post, place the end of SMARTfence® 42 along the post height and rotate the post 360 degrees, maintaining tension on the fence system. Secure the fence to the post at all four (4) orange-colored band locations with steel wire or nylon ties per Step 4. Drive the final post into the ground to a 36" depth.

STEP 4: For fastening SMARTfence® 42 to studded metal T-posts using one of following methods:

- Method I (T-Post): 16-gauge wire- attach SMARTfence® 42 to metal T-posts using the 16-gauge 304 SS wire with mitered ends, securing the fence to the post using safety pliers.

- Method II (T-Post): 8" nylon heavy-duty, UV-stabilized, cable ties (zip-ties) with minimum 120-lb tensile strength. Puncture two 0.25" openings, spaced at a width apart that is roughly equivalent to the post width, and secure the fence to the post.

STEP 5: Drive the initial post with the attached fence into the ground to a 36" depth.

STEP 6: Drive the interior t-posts of the fence system into the ground at least 36".

STEP 7: Move to the next t-post while pulling SMARTfence® 42 tightly. Position the SMARTfence® 42 in front of the adjacent t-post in preparation for fastening the fence to the post. Fasten fence to post at all four (4) orange-colored band locations as instructed in Step 4.

STEP 8: After the interior posts have been fastened to the SMARTfence® 42, secure the fence to the final post by pulling the final section of fencing taut, then rotating the post 360 degrees, maintaining tension on the fence system. Secure the fence to the post at all four (4) orange-colored band locations with the steel wire or nylon ties per Step 4. Drive the final post into the ground to a 36" depth.

STEP 9: Place bottom 8" of fabric into the trench. Backfill trench (overfill) with soil placed around fabric. Compact soil backfill with either manual tamping (or other manual means) or via mechanical equipment such as the front wheel of a tractor, skid steer, roller, or other device (per Note 5 of ASTM D 6462 Standard Practice for Silt Fence Installation). Do not damage the fabric during compaction (damaged fabric shall be replaced).

Please contact our team at 800-448-3636 or info@acfenv.com with any questions regarding the installation process.

SMARTfence

SMARTfence® 42 is NTPEP Compliant GTX-2018-01-187

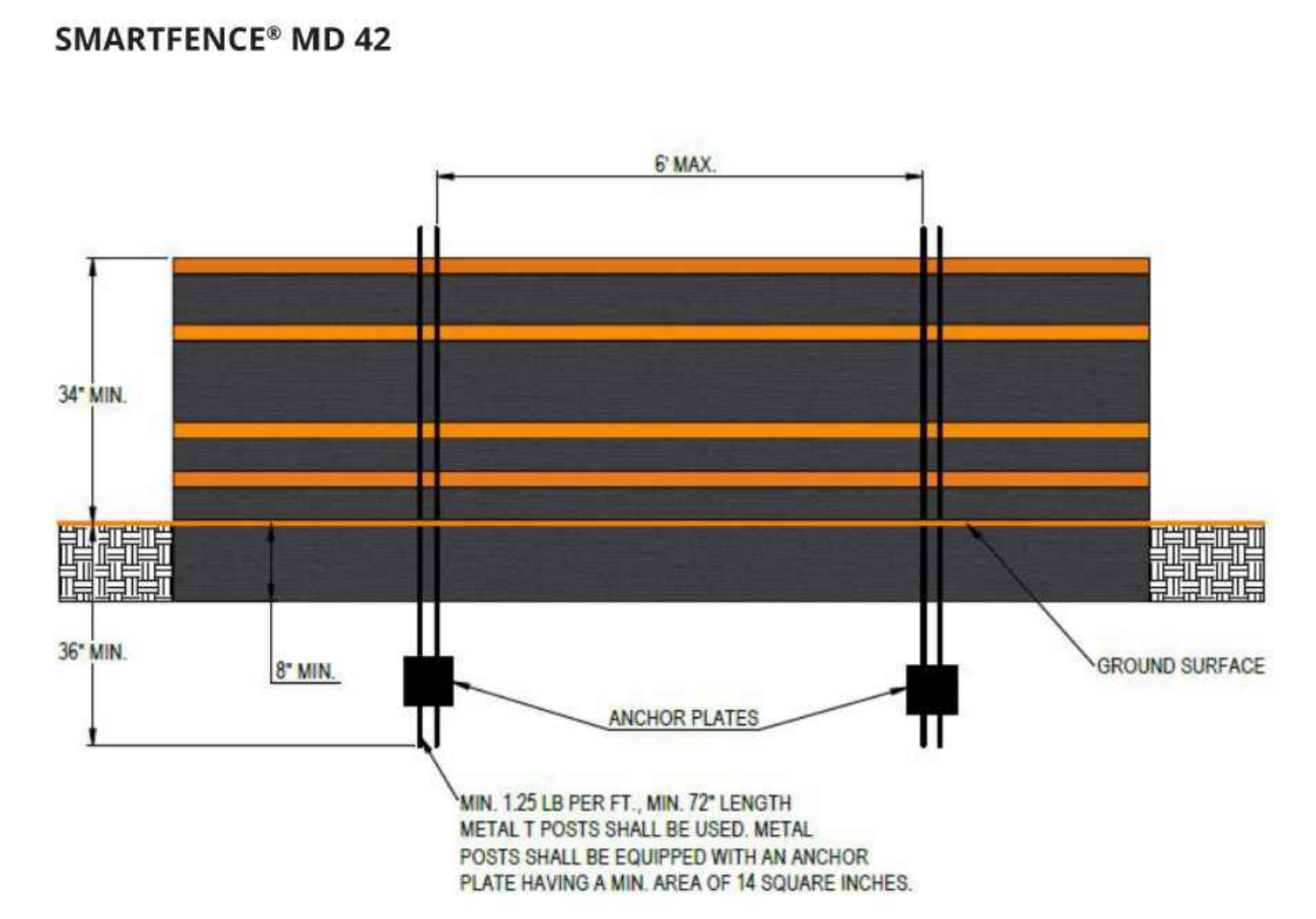
For more information, contact Inside Sales at 800.448.3636 or by email at info@acfenv.com



For more information, contact our Inside Sales team at 800.448.3636 email at info@acfenv.com



SMARTFENCE® MD 42
LET'S GET IT DONE



SMARTfence® 42 is NTPEP Compliant GTX-2018-01-187



ARM Group LLC
Engineers and Scientists
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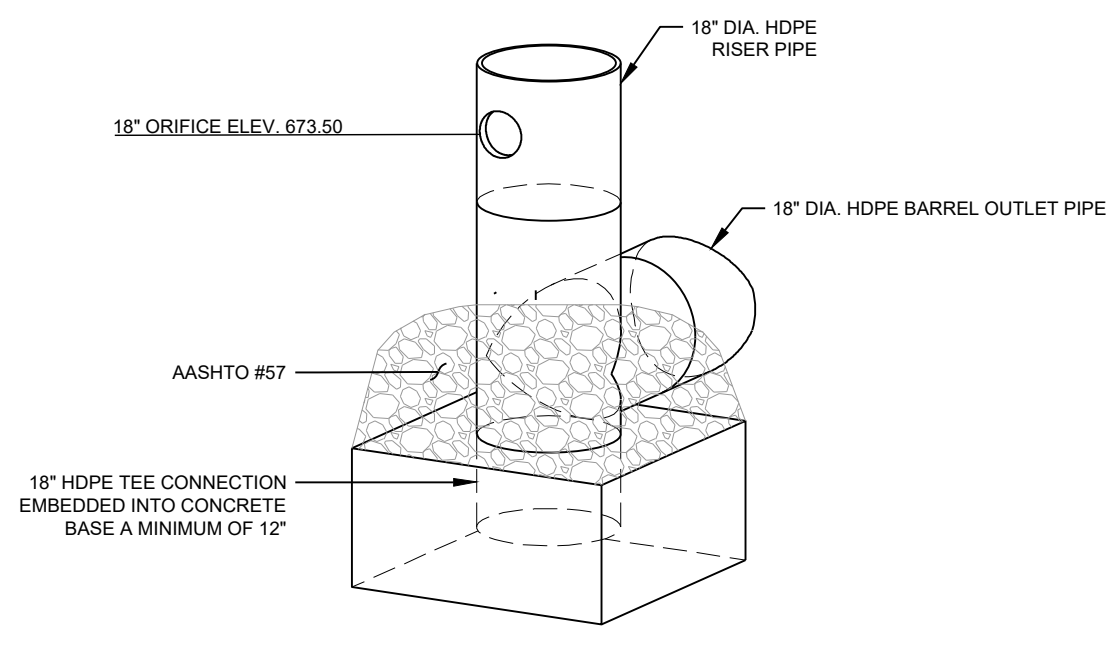
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Design	CLE
Scale	AS NOTED
Date	04/27/2026
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Reviewer	
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Project No.	25011162
Client	BCC
Design	CLE
Scale	AS NOTED
Date	04/27/2026
Author	
Checker	
Reviewer	
By	

EROSION & SEDIMENT CONTROL DETAILS
2200 PATAPSCO RD, FINKSBURG, MD 21157
FINKSBURG
CARROLL RICCI SOLAR 2, LLC
CARROLL RICCI SOLAR 3, LLC
CARROLL COUNTY, MARYLAND

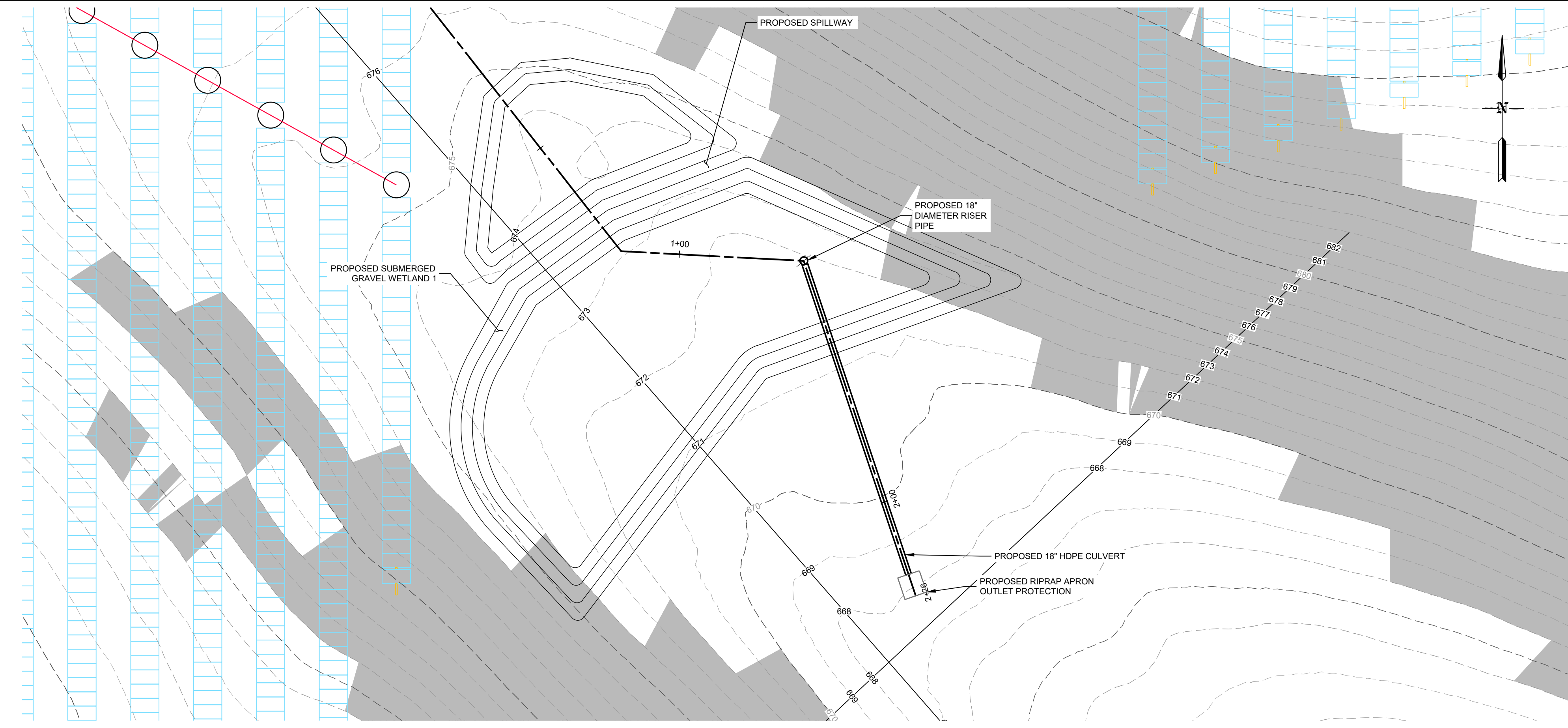
Sheet 0700-SCD

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NOTE:
1. RISER STRUCTURE SHOWN WITHOUT TRASH RACK FOR CLARITY.

1 **DETAIL**
SGW 1 - RISER PIPE
NOT TO SCALE



SUBMERGED GRAVEL WETLAND 1 - PLAN VIEW
SCALE: 1" = 20'

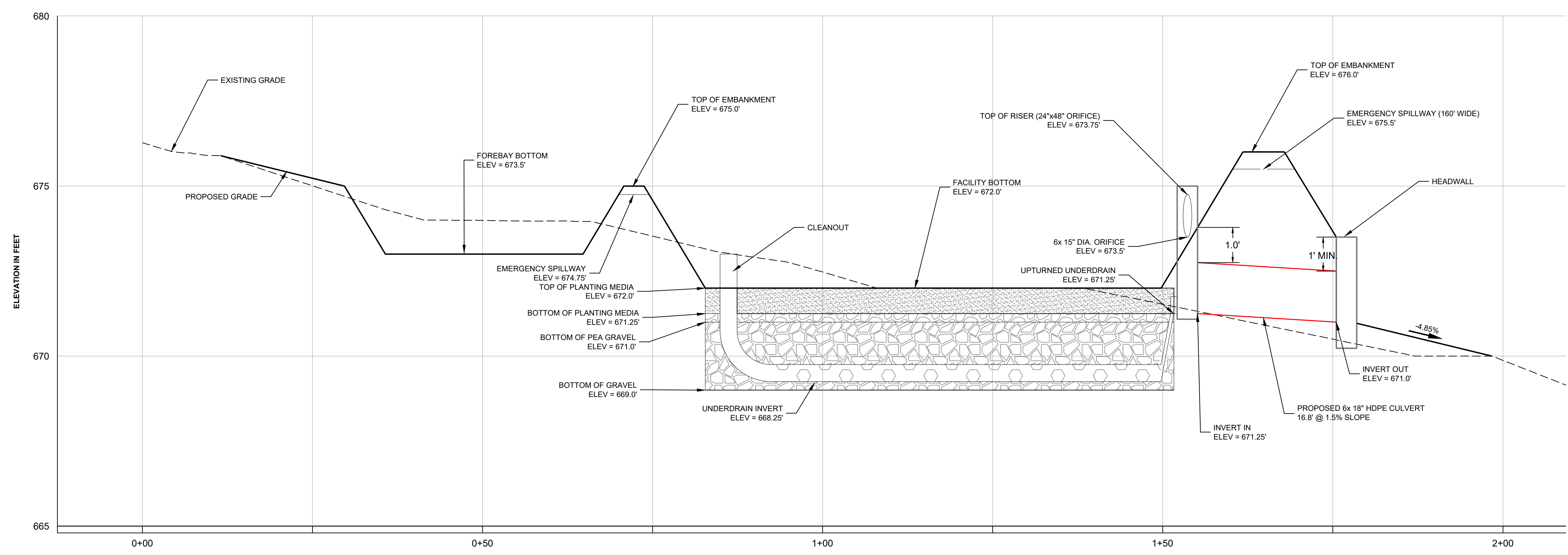
NOTES:

1. THE BASE MAP HAS BEEN CREATED USING AERIAL IMAGERY AND AVAILABLE COUNTY GIS DATA.
2. AN ALTA SURVEY WAS COMPLETED BY ARM GROUP LLC ON AUGUST 28, 2025.
3. AN AQUATIC RESOURCE INVESTIGATION WAS COMPLETED BY ARM GROUP LLC ON AUGUST 11, 2025.
4. PHASE 1 ENVIRONMENTAL SITE ASSESSMENT (ESA) WAS COMPLETED BY ARM GROUP LLC ON AUGUST 20, 2025.
5. THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
6. SOIL BOUNDARIES OBTAINED FROM THE NRCS WEB SOIL SURVEY.
7. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE INDICATIVE ONLY AND IN FT. UNLESS OTHERWISE SPECIFIED.

LEGEND

NOTE: LEGEND IS TYPICAL. NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

- EXISTING CONTOURS
- SURVEYED PROPERTY BOUNDARY
- ADJOINING PROPERTY LINE
- EXISTING MONUMENT
- EXISTING SOIL BOUNDARY & DESCRIPTOR
- EXISTING SETBACK
- EXISTING RIGHT OF WAY
- EXISTING ACCESS EASEMENT
- EXISTING PAVED ROAD
- EXISTING ACCESS ROAD
- EXISTING TREELINE
- EXISTING TREE
- EXISTING STRUCTURE
- EXISTING UTILITY POLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING POST
- EXISTING METER
- >15% SLOPES
- PROPOSED UTILITY POLE
- PROPOSED OVERHEAD ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
- PROPOSED ACCESS ROAD
- PROPOSED PAVED ROAD
- PROPOSED EQUIPMENT PAD
- PROPOSED FENCE
- PROPOSED LANDSCAPE BUFFER
- PROPOSED DRIVE LINE
- PROPOSED CARROLL RICCI SOLAR, LLC SITE BOUNDARY
- PROPOSED CARROLL RICCI SOLAR 2, LLC SITE BOUNDARY
- PROPOSED CARROLL RICCI SOLAR 3, LLC SITE BOUNDARY



SUBMERGED GRAVEL WETLAND 1 - CROSS SECTION



HORIZONTAL SCALE: 1" = 10'



VERTICAL SCALE: 1" = 2'

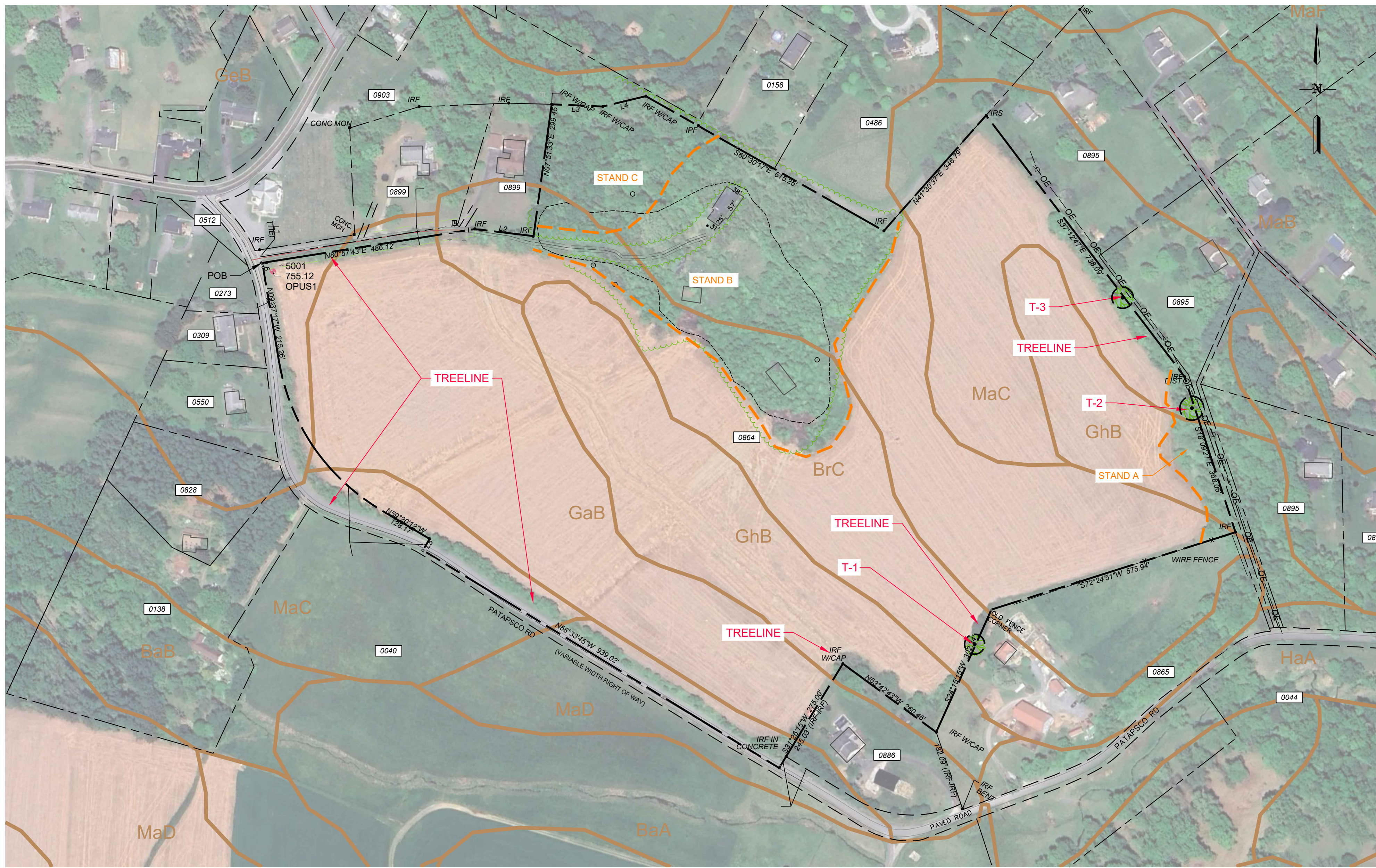


No.	Date	By	Revision

Revised	Drawn	Checked	Date	Scale
ARM	BCC	CLE	04/27/2026	1" = 20'

SUBMERGED GRAVEL WETLAND 1 CROSS SECTION
2200 PATAPSCO RD, FINKSBURG, MD 21157
PROJECT NO. 25011162
FINKSBURG
CARROLL RICCI SOLAR, LLC
CARROLL RICCI SOLAR 2, LLC
CARROLL RICCI SOLAR 3, LLC
CARROLL COUNTY, MARYLAND

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ENVIRONMENTAL NOTES:

- THE SIMPLIFIED FOREST STAND DELINEATION WAS CONDUCTED ON AUGUST 7, 2025, BY THOMAS SKIC, A MARYLAND DEPARTMENT OF NATURAL RESOURCES (MDNR) QUALIFIED PROFESSIONAL. A DIAMETER TAPE WAS USED TO MEASURE THE DIAMETER OF THE TREES.
- WETLANDS AND OTHER SURFACE WATER FEATURES WERE DELINEATED BY ARM GROUP LLC ON JULY 24, 2025 WITHIN THE TRACT AREA (45.1 ACRES). NO WETLANDS OR WATER FEATURES WERE IDENTIFIED WITHIN THE TRACT AREA.
- SPECIMEN TREES ARE PRESENT IN THE SOUTHERN AND THE EASTERN EDGE OF THE AOI. ALL CRITICAL ROOT ZONES WILL BE AVOIDED.
- THE PURPOSE OF THIS PROJECT IS FOR THE INSTALLATION OF A COMMUNITY SOLAR ENERGY SYSTEM WITHIN THE AGRICULTURAL FIELD. THERE IS A LARGE FORESTED AREA IN THE NORTH-CENTRAL PART OF THE AREA OF INVESTIGATION (AOI). THERE IS ALSO A SMALL AREA OF FOREST IN THE FAR EASTERN EXTENT OF THE AOI. SEVERAL TREE LINES WERE PRESENT ALONG THE PROPERTY BOUNDARIES.
- THERE WERE NO STREAMS WITHIN THE AOI BASED UPON A REVIEW OF LULURP (STREAM DATA FROM USGS NATIONAL HYDROGRAPHY DATASET). THERE ARE TWO STREAMS OUTSIDE OF THE AOI BOUNDARIES: THE NORTH BRANCH PATAPSCO RIVER TO THE NORTH AND AN UNNAMED TRIBUTARY TO NORTH BRANCH PATAPSCO RIVER TO THE SOUTH OF THE AOI. THE AOI DRAINS SOUTH TO AN UNNAMED TRIBUTARY TO NORTH BRANCH PATAPSCO RIVER AND NORTHEAST TO THE NORTH BRANCH PATAPSCO RIVER. THE NORTH BRANCH PATAPSCO RIVER DRAINS SOUTHEAST INTO LIBERTY LAKE. THE AOI IS WITHIN THE GUNPOWDER-PATAPSCO BASIN (HYDROLOGIC UNIT CODE: HUC 02060003, UNITED STATES ENVIRONMENTAL PROTECTION AGENCY) AND THE MARYLAND 8-DIGIT WATERSHED LIBERTY RESERVOIR (02130907).
- ACCORDING TO CODE OF MARYLAND REGULATIONS (COMAR) 26.08.02.08, NEITHER THIS SECTION OF NORTH BRANCH PATAPSCO RIVER NOR THE UNNAMED TRIBUTARY TO NORTH BRANCH PATAPSCO RIVER HAVE A TIER II DESIGNATION (HIGH QUALITY WATER). THE DESIGNATED USE OF THE UNNAMED TRIBUTARY TO NORTH BRANCH PATAPSCO RIVER IS CLASS. IV (WATER CONTACT RECREATION, PROTECTION OF AQUATIC LIFE, AND PUBLIC WATER SUPPLY). THE MAIN STEM OF THE NORTH BRANCH PATAPSCO RIVER HAS A DESIGNATED USE OF CLASS. IV-P (RECREATIONAL TROUT WATERS AND PUBLIC WATER SUPPLY) AND A COLD / COOL WATER EXISTING USE WITH NATURAL TROUT REPRODUCTION.
- ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP PANEL NO. 2401002200, EFFECTIVE DATE ON 10/20/15, FEMA 100-YEAR FLOODPLAINS ARE NOT PRESENT WITHIN THE PROJECT AREA.
- A LETTER WAS SUBMITTED ON AUGUST 25, 2025, TO MDNR WILDLIFE AND HERITAGE DIVISION REQUESTING INFORMATION ON ANY KNOWN STATE LISTED, RARE, THREATENED OR ENDANGERED SPECIES KNOWN TO OCCUR WITHIN THE PROJECT AREA.
- THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) INFORMATION FOR PLANNING AND CONSULTATION GENERATED AUGUST 20, 2025, REVEALED THE MONARCH BUTTERFLY (DANAUS PLEXIPPUS) - A PROPOSED ENDANGERED SPECIES MAY BE WITHIN THE PROJECT AREA. CRITICAL HABITAT IS NOT PRESENT.
- A LETTER WAS SUBMITTED ON AUGUST 25, 2025, TO THE MARYLAND HISTORICAL TRUST (MHT) REQUESTING INFORMATION ON ANY KNOWN HISTORICAL RESOURCES WITHIN THE PROJECT AREA.
- OVERALL, THERE WERE THREE FOREST STANDS IN THE AOI. STAND A (PRIORITY 3), STAND B (PRIORITY 3) AND STAND C (PRIORITY 2). THERE WERE ALSO SEVERAL TREE LINES ALONG THE PROPERTY BOUNDARIES.
- THE TREE LINE ALONG PATAPSCO RD. AND THE COMMON DRIVEWAY THAT EXTENDS INTO THE AOI ACROSS THE NORTHERN EXTENTS WAS PRIMARILY COMPOSED OF BLACK WALNUT (JUGLANS NIGRA), WHICH WAS DOMINANT, BLACK CHERRY (PRUNUS SEROTINA), BRADFORD PEAR (PYRUS CALLERIANA), SASSAFRAS (SASSAFRAS ALBIDUM), AND AUTUMN OLIVE (ELAAGNIUS UMBELLATE). THE HERBACEOUS COVER WAS PRIMARILY INVASIVE AND INCLUDED MULTIFLORA ROSE (ROSA MULTIFLORA),

- POISON IVY (TOXICODENDRON RADICANS), JAPANESE STILT GRASS (MICROSTEGIUM VINNIEUM), AND ORIENTAL BITTERSWEET (CELASTRUS ORBICULATUS). THIS TREE LINE WAS VERY UNHEALTHY AS THE INVASIVES ARE TAKING OVER AND SUFFOCATING THE TREES. THE BRADFORD PEAR AND AUTUMN OLIVE WERE ALSO TAKING OVER. THE OTHER TREE LINES ALONG THE SOUTHERN AND EASTERN EDGE OF THE AOI WERE SIMILAR TO THE PREVIOUS TREE LINE. THESE WERE LESS DOMINANT WITH ANY ONE TREE AND WERE COMPRISED OF A MIXTURE OF NATIVE AND INVASIVE SPECIES. THEY WERE COMPRISED OF BLACK CHERRY, BLACK WALNUT, AND BRADFORD PEAR. THE HERBACEOUS COVER WAS PRIMARILY INVASIVE AND INCLUDED MULTIFLORA ROSE, POISON IVY, JAPANESE STILT GRASS, AND ORIENTAL BITTERSWEET. THE TREE LINES ALSO INCLUDED A SIGNIFICANT AMOUNT OF POKEWEE (PHYTOLACCA AMERICANA). THERE WAS ONE SMALL, PLANTED TREE LINE OF VERY HEALTHY NORWAY SPRUCE (PICEA ABIES) ALONG THE FAR SOUTHERN BOUNDARY OF THE AOI BOARDING A RESIDENTIAL PROPERTY.
- OVERALL, THE FORESTS WERE PRIMARILY CLASSIFIED AS MIXED AGED DECIDUOUS HARDWOOD. FOREST (STAND A AND STAND B) WOULD BE CONSIDERED PRIORITY 3 AREAS DUE TO THE AMOUNT OF INVASIVE SPECIES AND OVERALL HEALTH OF THE FOREST. STAND C WOULD BE A PRIORITY 2 AREA, DUE TO RELATIVELY GOOD HEALTHY FOREST STRUCTURE, CONTINUOUSNESS TO THE FOREST TRACTS OFFSITE, AND THE MINOR AMOUNT OF INVASIVE SPECIES COVER.
- STAND A IS AN EARLY TO MID-STAGE FOREST WHICH IS PRIMARILY COMPOSED OF BLACK WALNUT, BLACK CHERRY, BRADFORD PEAR, AND BOX ELDER (ACER SPICATUM). STAND A HAS A PRIMARY OPEN UNDERSTORY. THE FOREST CANOPY HAD ABOUT 40% COVERAGE. HERBACEOUS COVER WAS SIGNIFICANT AND MAINLY CONSISTED OF INVASIVE SPECIES. THE HERBACEOUS LAYER WAS DOMINATED BY JAPANESE STILT GRASS, MULTIFLORA ROSE, POISON IVY, ORIENTAL BITTERSWEET, AND POKEWEE. STAND A IS A PRIORITY 3 AREA DUE TO THE NUMBER OF INVASIVE SPECIES AND THE OVERALL HEALTH OF THE STAND.
- STAND B IS AN EARLY-STAGE FOREST WHICH IS PRIMARILY COMPOSED OF BLACK WALNUT, BLACK CHERRY, AND BRADFORD PEAR. THE UNDERSTORY WAS DOMINATED BY EASTERN RED CEDAR (JUNIPERUS VIRGINIANA), BRADFORD PEAR AND AUTUMN OLIVE. THE FOREST CANOPY HAD ABOUT 40% COVERAGE. HERBACEOUS COVER WAS AGAIN SIGNIFICANT AND MAINLY CONSISTED OF INVASIVE SPECIES. THE HERBACEOUS LAYER WAS DOMINATED BY JAPANESE STILT GRASS, VIRGINIA CREEPER (PARTHENOCCISSUS QUINQUEFOLIA), POISON IVY, ORIENTAL BITTERSWEET AND WINEBERRY (RUBUS PHOENICOLASUS). STAND B IS AN OVERGROWN PASTURE THAT HAS SINCE TURNED INTO FOREST. STAND B IS A PRIORITY 4 AREA DUE TO THE NUMBER OF INVASIVE SPECIES AND THE OVERALL HEALTH OF THE STAND.
- STAND C IS PRIMARILY A MATURE MIXED UPLAND HARDWOOD FOREST COMPOSED OF MATURE TULIP POPLAR (LIRIODENDRON TULIFIFERA), RED MAPLE (ACER RUBRUM), BLACK OAK (QUERCUS VELUTINA), PIGNUT HICKORY (CARYA GLABRA), WHITE OAK (QUERCUS ALBA), BLACK GUM (NYSSA SYLVATICA), SWEET BIRCH (BETULA LENTA) AND BLACK CHERRY. THE UNDERSTORY IS FAIRLY SPARSE AND COMPOSED OF BLACK CHERRY, PIGNUT HICKORY AND RED MAPLE. THE FOREST CANOPY HAD ABOUT 80% COVERAGE. HERBACEOUS COVER WAS AGAIN SIGNIFICANT AND MAINLY CONSISTED OF INVASIVE SPECIES. THE HERBACEOUS LAYER WAS DOMINATED BY JAPANESE STILT GRASS, WINEBERRY, VIRGINIA CREEPER, AND ORIENTAL BITTERSWEET. STAND C IS A PRIORITY 2 AREA DUE TO THE MATURE HEALTHY TREES GROWING DESPITE SOME INVASIVE GROUND COVER. OVERALL LITTLE IN THE WAY OF INVASIVES WERE AFFECTING THE LARGE TREES.
- THE INVASIVE SPECIES OF CONCERN WERE AUTUMN OLIVE, BRADFORD PEAR, ORIENTAL BITTERSWEET, MULTIFLORA ROSE, JAPANESE STILTGRASS, AND POISON IVY. THE INVASIVES WERE MORE COMMON ALONG THE FOREST EDGES BUT WERE STILL PREVALENT THROUGHOUT FOREST STANDS A AND B.
- OVERALL, THE MAJORITY OF THE FOREST LAND IS STRUGGLING BUT CONTINUES TO PROVIDE ENOUGH FOR WILDLIFE. THE EXCEPTION IS STAND C WHICH IS A MATURE HEALTHY FOREST PROVIDING EXCELLENT HABITAT FOR WILDLIFE.

GENERAL NOTES:

- THE BASE MAP HAS BEEN CREATED USING ALTAIR SURVEY DATA CONDUCTED BY ARM GROUP LLC ON JUNE 10, 2025.
- THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) HORIZONTAL COORDINATE SYSTEM AND NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
- THE PROPERTY IS LOCATED WITHIN A-1+ AGRICULTURAL.
- THE PROPERTY DOES NOT CONTAIN ANY CONSERVATION OR OPEN SPACE EASEMENTS.
- NO NONCONFORMITIES EXISTING AND NO NONCONFORMITIES ARE BEING CREATED.

LEGEND

NOTE: LEGEND IS TYPICAL, NOT ALL OBJECTS IN LEGEND APPEAR IN PLAN.

	EXISTING CONTOURS
	SURVEYED PROPERTY LINE
	ADJOINING PROPERTY LINE
	PROPERTY LINE SETBACK / NATURAL RESOURCE BUFFER
	EXISTING OVERHEAD ELECTRIC LINE
	EXISTING SOIL BOUNDARY AND DESCRIPTION
	EXISTING TREELINE
	EXISTING EDGE OF PAVED ROAD
	SPECIMEN TREE
	EXISTING RIGHT-OF-WAY
	Critical Root Zone

PARCEL INFORMATION

PARCEL NUMBER	OWNER	ADDRESS	DEED/PAGE NUMBER	ACRES
40	HOFF WILFRED S III & MAGIN JENNIFER L ETAL	2401 PATAPSCO RD	0704012038	139.67
44	GRACE A BATEMAN TRUST U D T & BATEMAN GRACE A TRUSTEE	2600 PATAPSCO RD	0704001958	52.46
138	ANDREWS RACHEL ELIZABETH & ANDREWS JOSEPH EDMUND	2223 PATAPSCO RD	0704027140	6.25
158	RUGEMER CHARLES A & RUGEMER JOAN MARIE	1915 CARROLLTON RD	704020693	1.65
273	CARROLLTON CHURCH OF GOD	2151 BETHEL RD	704002709	1.41
309	LEEDS LAWRENCE RAY III & LEEDS LILLIAN RAE	2211 PATAPSCO RD	704026063	0.60
486	ABOLT LIVING TRUST & ABOLT RUSSELL L TRUSTEE ETAL	1945 CARROLLTON RD	704063333	6.73
486	ROUHANA NICHOLAS N & ROUHANA JENNIFER M	1949 CARROLLTON RD	704063341	5.31
512	GILL VERNON C JR & OWNNAMEZ: GILL TAMMY	1929 CARROLLTON RD	704014987	0.512
550	OLINE WILLIAM RICHARD TRSTE & CLINE PAMELA MULLENAX TRSTE	2217 PATAPSCO RD	704012445	1.37
828	KOONS KENNETH C JR & KOONS STEPHANIE A	2221 PATAPSCO RD	704048652	1.97
864	RICCI DANIEL & WOOLFORD RICCI TAMELA	2200 PATAPSCO RD	704050827	44.88
865	FURCHES SETH & FURCHES STEPHANIE	2414 PATAPSCO RD	704014979	8.11
886	OBRIEN RONALD P JR & OBRIEN MELISSA B	2404 PATAPSCO RD	704053095	1.172
895	CALLAHAN AGATHA G & CALLAHAN BRYAN M	1036 MORGAN RUN DR	704055187	1.53
895	WEITZEL RICHARD N & WEITZEL NIRA I	1038 MORGAN RUN DR	704052943	2.51
895	GOEAEERE-ENGEL SHARON A	1046 MORGAN RUN DR	704054849	2.01
895	GARTLAND TIMOTHY SCOTT	1909 CARROLLTON RD	704052951	3.48
899	WEED NICHOLAS RAY & WEED LILLIAN G ETAL	2198 PATAPSCO RD	704055047	1.17
899	GOSS JOSEPH DANIEL & GOSS ROBYN	2196 PATAPSCO RD	704055055	1.80
903	CHURCH OF GOD NEAR CARROLLTON & TRUSTEES ETAL	1901 CARROLLTON RD	704004299	4.11

SOILS LEGEND

SYMBOL	DESCRIPTION (FARMLAND TYPE)	HSG	AREA OF PARCE L	% OF PARCE L
*BaB	BAILE SILT LOAM, 3 TO 8 PERCENT SLOPES (NOT PRIME FARMLAND)	C/D	4.7	18.2
*BrC	BRINKLOW CHANNERY LOAM, 8 TO 15 PERCENT SLOPES (FARMLAND OF STATEWIDE IMPORTANCE)	C	1.6	6.1
*BrD	BRINKLOW CHANNERY LOAM, 15 TO 25 PERCENT SLOPES (NOT PRIME FARMLAND)	C	3.9	15.2
GdB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES (ALL AREAS ARE PRIME FARMLAND)	B	9.5	37.1
*GaB	GLENELG CHANNERY LOAM, 3 TO 8 PERCENT SLOPES (ALL AREAS ARE PRIME FARMLAND)	B	3.5	13.8
*GeC	GLENELG CHANNERY LOAM, 8 TO 15 PERCENT SLOPES (FARMLAND OF STATEWIDE IMPORTANCE)	B	2.2	8.8
*GhB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES (ALL AREAS ARE PRIME FARMLAND)	C/D	0.2	0.8
	TOTAL		25.6	100.0

- NOTES:**
- **HYDRIC SOIL TYPES PRESENT IN TRACT AREA
 - **HIGHLY ERODIBLE SOILS LOCATED WITHIN THE TRACT AREA
 - HSG: HYDROLOGIC SOIL GROUP
 - SOIL BOUNDARIES AND INFORMATION OBTAINED FROM NRCS WEB SOIL SURVEY.

Specimen Tree

Specimen Tree	Species	Scientific Name	Diameter at Breast Height (dbh)	Health	Critical Root Zone (CRZ)
T-1	Norway Spruce	<i>Picea abies</i>	30"	Fair	45'
T-2	Black Cherry	<i>Prunus serotina</i>	36"	Poor	54'
T-3	Black Cherry	<i>Prunus serotina</i>	32"	Poor	48'

PLAN PREPARER CERTIFICATE

THOMAS SKIC
ARM GROUP LLC
QUALIFIED PROFESSIONAL

SIGNATURE _____ DATE _____

PREPARED FOR DEVELOPER:
CARROLL RICCI SOLAR, LLC
11000 PROSPERITY FARMS ROAD
SUITE 205
PALM BEACH GARDENS, FL 33410

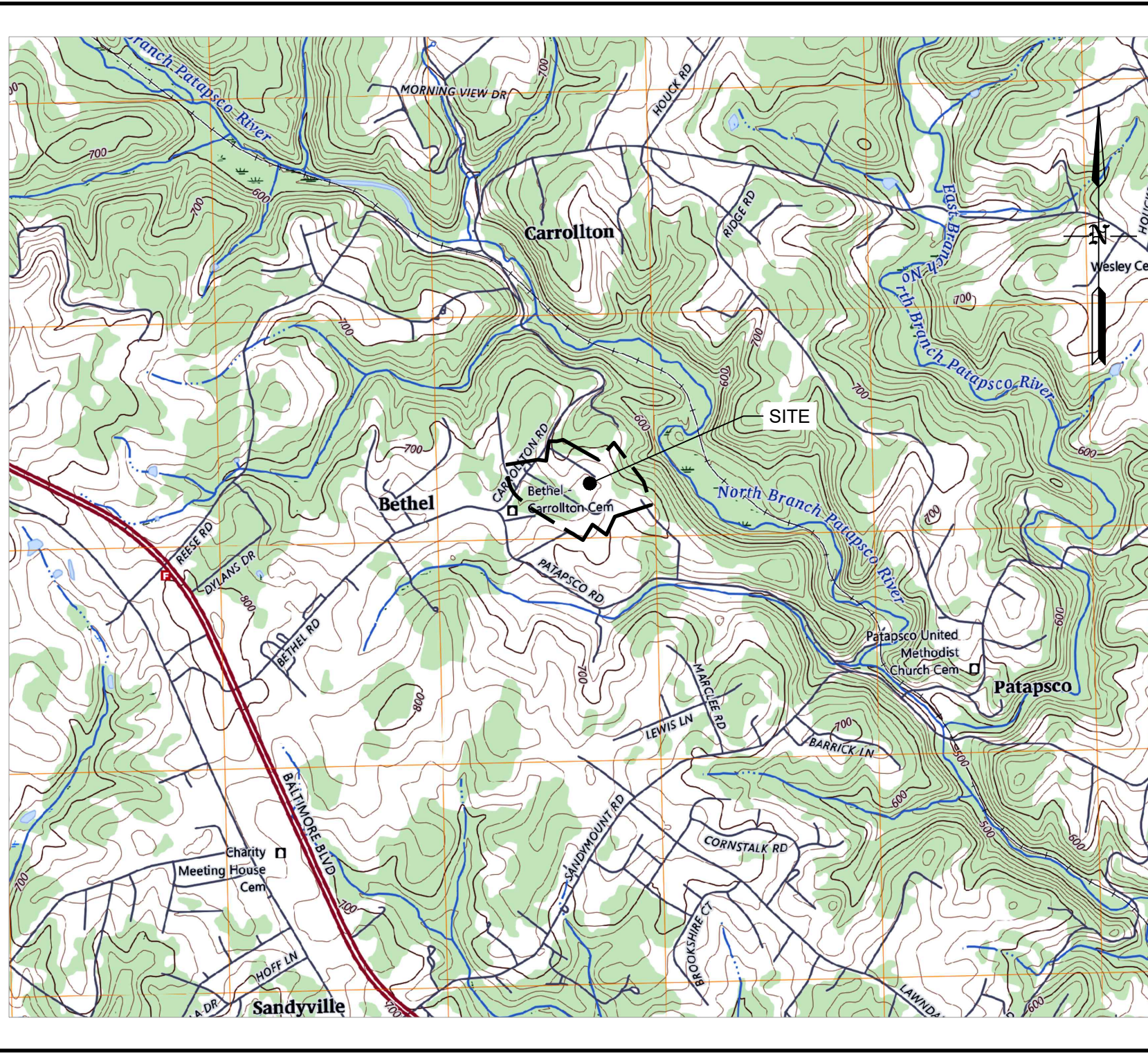
PROPERTY OWNER:
DANIEL AND TAMELA RICCI
2200 PATAPSCO ROAD,
FINKSBURG, MD, 21048

PREPARER:
THOMAS SKIC
ARM GROUP LLC
4600 LENA DRIVE
SUITE 201
MECHANICSBURG, PA 17055
610-203-4534

- NATURAL RESOURCE INVENTORY INFORMATION:**
- TOTAL GROSS TRACT AREA: 1,985,249 SF (45.1 AC)
 - EXISTING FOREST AREA: (7.4 AC)
 - EXISTING LAND USE: AGRICULTURE
 - INTENDED LAND USE: COMMUNITY SOLAR ENERGY GENERATING SYSTEM
 - PROJECT LOCATION:
ADDRESS: 2200 PATAPSCO RD, FINKSBURG, MD 21048
5.1. TAX MAP 0053, GRID 0003, PARCEL ID 0864
5.2. LATITUDE 39°32'40.85"N AND LONGITUDE 76°54'45.92"W
5.3. (NORTH AMERICAN DATUM NAD83)
 - ZONING: A = AGRICULTURAL
 - CRITICAL AREA: NOT APPLICABLE, CHESAPEAKE AND ATLANTIC COASTAL BAY CRITICAL AREAS ARE NOT LOCATED WITHIN THE PROPERTY VICINITY

RESOURCE DATA TABLE

RESOURCE	SIZE
TOTAL TRACT AREA	45.1 AC
FOREST	7.4 AC
STAND A	0.6 AC
STAND B	8.0 AC
STAND C	1.9 AC



Base map from the following USGS 7.5 minute quadrangle: Manchester, MD dated 2023.

VICINITY MAP
SCALE: 1" = 2000'

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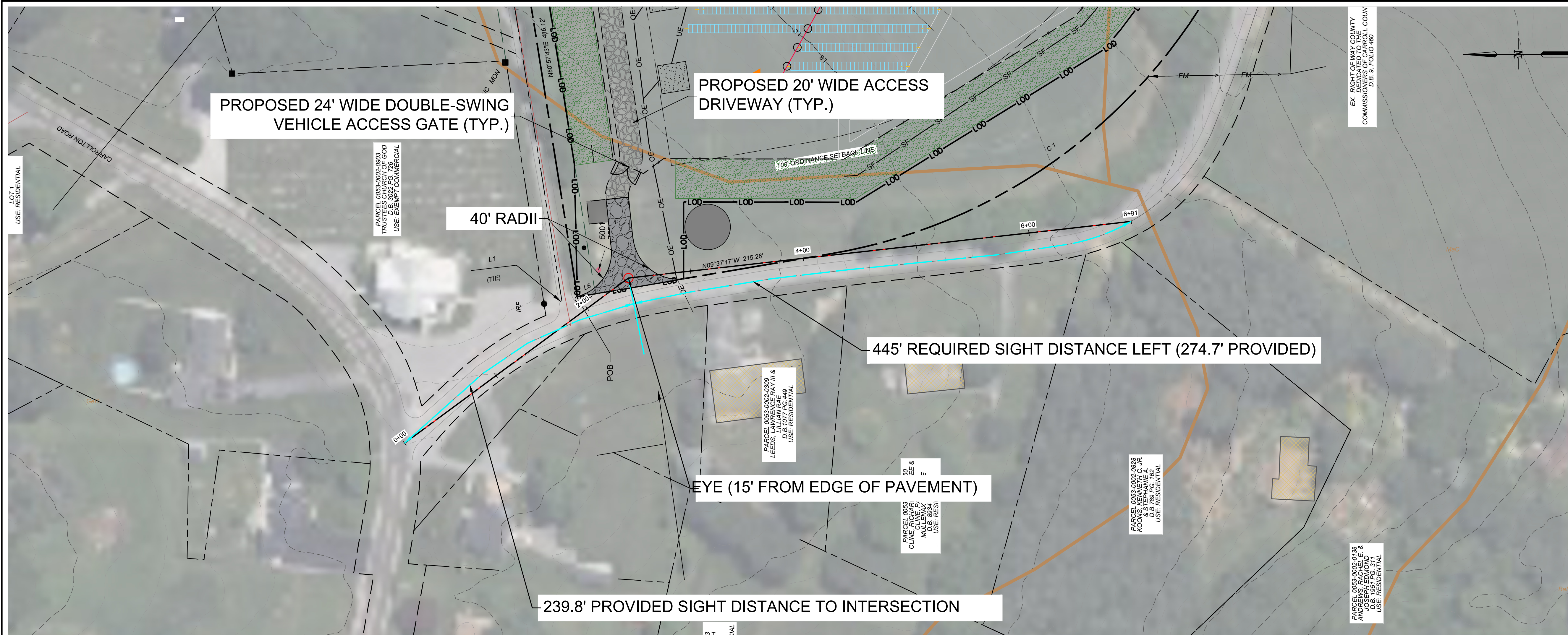
FOREST STAND DELINEATION

FINKSBURG
CARROLL RICCI SOLAR PROJECT
CARROLL RICCI SOLAR, LLC

Scale: 1" = 150'

DATE: 09/26/2025
PROJECT NO.: 25011162

Sheet 1400-FSP

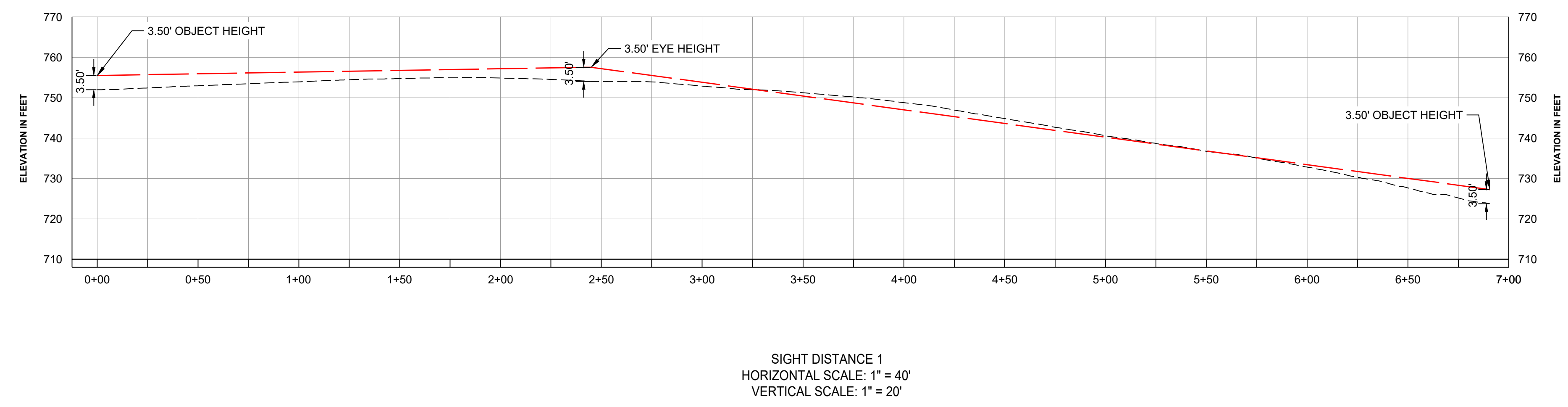


- NOTES:**
1. THE BASE MAP HAS BEEN CREATED USING BING AERIAL IMAGERY.
 2. AN ALTA SURVEY WAS COMPLETED BY ARM GROUP LLC ON DECEMBER 17, 2025.
 3. AN AQUATICS RESOURCES INVESTIGATION WAS COMPLETED BY ARM GROUP LLC ON NOVEMBER 24, 2023H.
 4. THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
 5. SOIL BOUNDARIES OBTAINED FROM THE NRCS WEB SOIL SURVEY.
 6. ALL DIMENSIONS TO BE CONFIRMED ON-SITE PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE INDICATIVE ONLY AND IN FT. UNLESS OTHERWISE SPECIFIED.

LEGEND

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	EXISTING CONTOURS
	PROPERTY BOUNDARY
	ADJOINING PROPERTY LINE
	EXISTING RIGHT OF WAY
	EXISTING SETBACK
	EXISTING SOIL BOUNDARY & DESCRIPTOR
	EXISTING MONUMENTS
	EXISTING VERIFIED WETLANDS
	WETLAND BUFFER (25')
	EXISTING VERIFIED WATERCOURSE
	EXISTING VARIABLE STREAM BUFFER
	EXISTING TREELINE
	EXISTING UTILITY POLE
	EXISTING POND
	POND BUFFER (50')
	EXISTING OVERHEAD ELECTRIC
	EXISTING TELECOMMUNICATION LINE
	EXISTING FENCE
	EXISTING PAVED ROAD
	EXISTING ACCESS ROAD
	EXISTING STRUCTURE
	EXISTING GUIDERAIL
	15-25% SLOPES
	>25% SLOPES
	PROPOSED UTILITY POLE
	PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
	PROPOSED GRAVEL ACCESS DRIVEWAY
	PROPOSED PAVED ACCESS DRIVEWAY
	PROPOSED EQUIPMENT PAD
	PROPOSED FENCE
	PROPOSED LANDSCAPE BUFFER
	PROPOSED APPROXIMATE LEVEL SPREADER
	PROPOSED APPROXIMATE STORMWATER BMP
	PROPOSED APPROXIMATE CHANNEL
	PROPOSED DRIVE LINE
	PROPOSED RIVER ROCK PAD
	PROPOSED CULVERT
	PROPOSED LIMIT OF DISTURBANCE



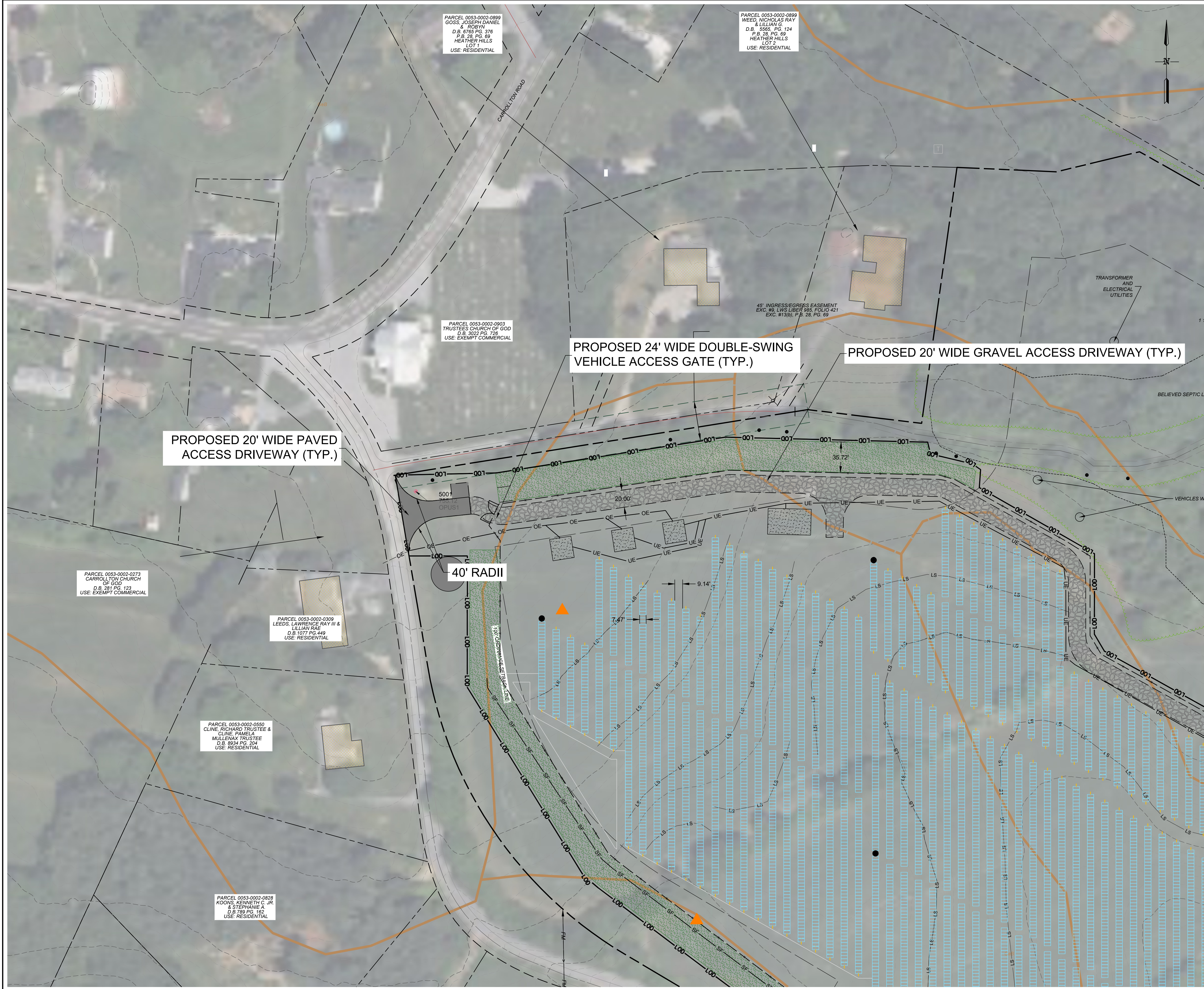
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SITE DISTANCE PLAN
 2200 PATAPSCO RD, FINKSBURG, MD 21157
 FINKSBURG
 CARROLL RICCI SOLAR 2, LLC
 CARROLL RICCI SOLAR 3, LLC
 CARROLL COUNTY, MARYLAND

DESIGNED BY	ARM	SCALE	1" = 50'
CHECKED BY	BCC	DATE	04/27/2026
DRAWN BY	CLE	PROJECT NO.	25011162
PLOTTER MODEL		SCALE IN FEET	0 50 100 150

Sheet 1800-RDP

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	PROPOSED RIVER ROCK PAD
	PROPOSED CULVERT
	PROPOSED LIMIT OF DISTURBANCE

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ENTRANCE PLAN
2200 PATAPSCO RD, FINKSBURG, MD 21157
CARROLL RICCI SOLAR, LLC
CARROLL RICCI SOLAR 2, LLC
CARROLL RICCI SOLAR 3, LLC
FINKSBURG
CARROLL COUNTY, MARYLAND

Project No.	1801-RDP
Client	ARM
Design	BCC
Drawn	CLE
Checked	
Scale	1" = 50'
Date	04/27/2026
Revision	25011162
Author	
Drawn	
Checked	
Scale in Feet	0 50 100 150

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