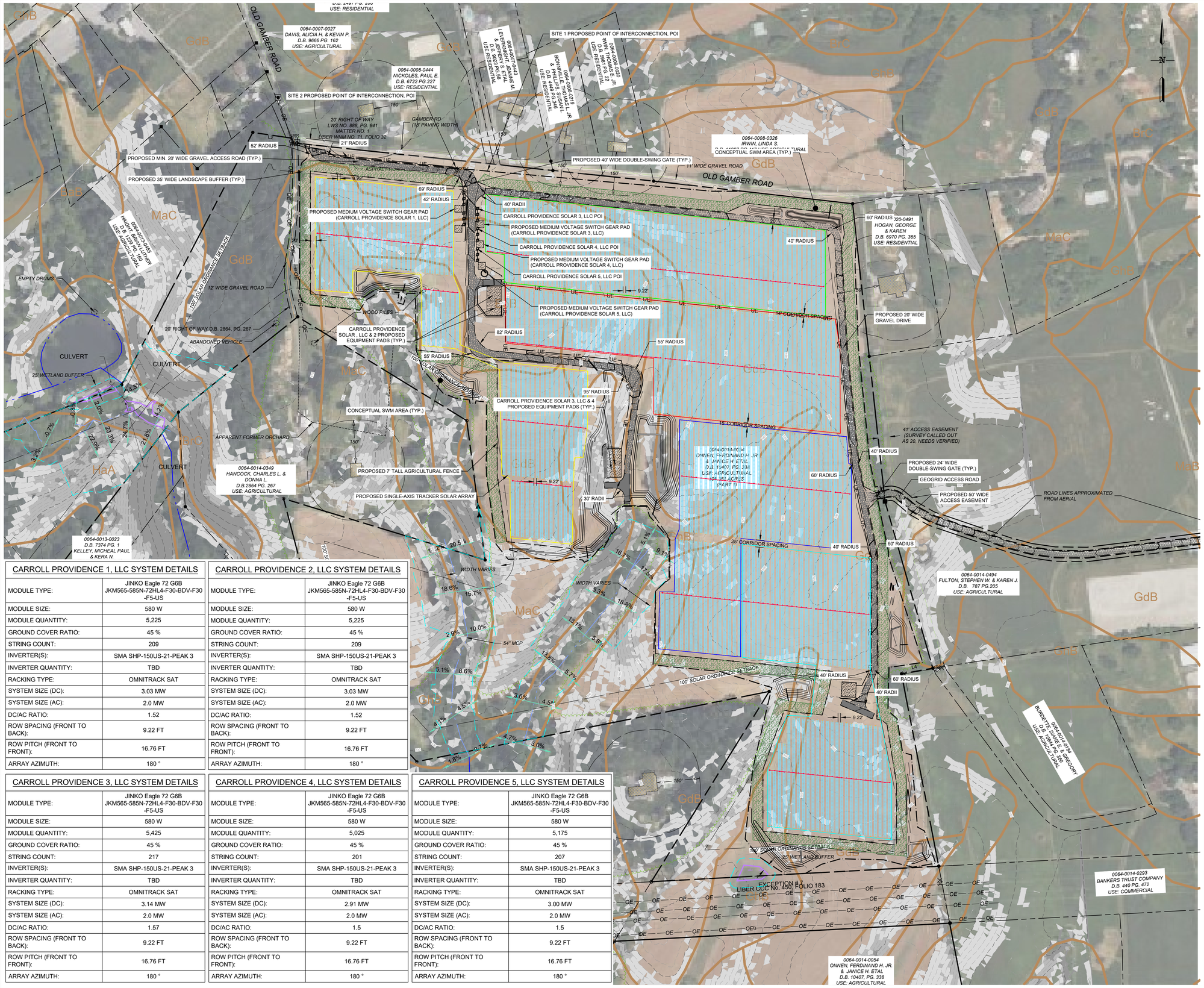

CARROLL PROVIDENCE 1, LLC SYSTEM DETAILS

MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F30 -F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	5,225
GROUND COVER RATIO:	45 %
STRING COUNT:	209
INVERTER(S):	SMA SHP-150US-21-PEAK 3
INVERTER QUANTITY:	TBD
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	3.03 MW
SYSTEM SIZE (AC):	2.0 MW
DC/AC RATIO:	1.52
ROW SPACING (FRONT TO BACK):	9.22 FT
ROW PITCH (FRONT TO FRONT):	16.76 FT
ARRAY AZIMUTH:	180 °

CARROLL PROVIDENCE 2, LLC SYSTEM DETAILS

MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F30 -F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	5,225
GROUND COVER RATIO:	45 %
STRING COUNT:	209
INVERTER(S):	SMA SHP-150US-21-PEAK 3
INVERTER QUANTITY:	TBD
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	3.03 MW
SYSTEM SIZE (AC):	2.0 MW
DC/AC RATIO:	1.52
ROW SPACING (FRONT TO BACK):	9.22 FT
ROW PITCH (FRONT TO FRONT):	16.76 FT
ARRAY AZIMUTH:	180 °

CARROLL PROVIDENCE 3, LLC SYSTEM DETAILS

MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F30 -F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	5,425
GROUND COVER RATIO:	45 %
STRING COUNT:	217
INVERTER(S):	SMA SHP-150US-21-PEAK 3
INVERTER QUANTITY:	TBD
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	3.14 MW
SYSTEM SIZE (AC):	2.0 MW
DC/AC RATIO:	1.57
ROW SPACING (FRONT TO BACK):	9.22 FT
ROW PITCH (FRONT TO FRONT):	16.76 FT
ARRAY AZIMUTH:	180 °

CARROLL PROVIDENCE 4, LLC SYSTEM DETAILS

MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F30 -F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	5,025
GROUND COVER RATIO:	45 %
STRING COUNT:	201
INVERTER(S):	SMA SHP-150US-21-PEAK 3
INVERTER QUANTITY:	TBD
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	2.91 MW
SYSTEM SIZE (AC):	2.0 MW
DC/AC RATIO:	1.5
ROW SPACING (FRONT TO BACK):	9.22 FT
ROW PITCH (FRONT TO FRONT):	16.76 FT
ARRAY AZIMUTH:	180 °

CARROLL PROVIDENCE 5, LLC SYSTEM DETAILS

MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F30 -F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	5,175
GROUND COVER RATIO:	45 %
STRING COUNT:	207
INVERTER(S):	SMA SHP-150US-21-PEAK 3
INVERTER QUANTITY:	TBD
RACKING TYPE:	OMNITRACK SAT
SYSTEM SIZE (DC):	3.00 MW
SYSTEM SIZE (AC):	2.0 MW
DC/AC RATIO:	1.5
ROW SPACING (FRONT TO BACK):	9.22 FT
ROW PITCH (FRONT TO FRONT):	16.76 FT
ARRAY AZIMUTH:	180 °

NOTES:

1. THE BASE MAP IS BASED ON A FIELD SURVEY COMPLETED BY ARM GROUP LLC IN JULY AND AUGUST 2025, AND SUPPLEMENTED WITH AVAILABLE OPEN SOURCE GIS DATA.
2. THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
3. AN AQUATIC RESOURCES INVESTIGATION WAS COMPLETED BY ARM GROUP LLC ON JULY, 23, 2025
4. SOIL BOUNDARIES OBTAINED FROM THE NRCS WEB SOIL SURVEY.
5. ALL DIMENSIONS TO BE CONFIRMED ON-SITE PRIOR TO CONSTRUCTION. ALL DIMENSIONS ARE INDICATIVE ONLY AND IN FT. UNLESS OTHERWISE SPECIFIED.
6. THE PROJECT IS NOT LOCATED WITHIN A TIER II CATCHMENT AREA

LEGEND

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

- EXISTING CONTOURS
- PROPERTY BOUNDARY
- ADJOINING PROPERTY LINE
- EXISTING RIGHT OF WAY
- EXISTING EASEMENT
- EXISTING SOIL BOUNDARY & DESCRIPTOR
- EXISTING SETBACK
- EXISTING OVERHEAD ELECTRIC
- EXISTING TRANSMISSION TOWER
- EXISTING STRUCTURE
- EXISTING GRAVEL ROAD
- EXISTING PAVED ROAD
- 10%-15% SLOPES
- >15% SLOPES
- EXISTING WELL
- EXISTING TREE
- EXISTING TREELINE
- EXISTING STREAM
- EXISTING EXISTING VERIFIED STREAM
- EXISTING WETLAND
- EXISTING STREAM/WETLAND BUFFER
- PROPOSED CONTOURS
- PROPOSED UTILITY POLE
- PROPOSED OVERHEAD ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED SINGLE-AXIS TRACKER SOLAR ARRAY
- PROPOSED GRAVEL ACCESS DRIVEWAY
- PROPOSED BITUMINOUS PAVING
- PROPOSED GEOGRID ACCESS ROAD
- PROPOSED EQUIPMENT PAD
- PROPOSED FENCE
- PROPOSED LANDSCAPE BUFFER
- PROPOSED APPROXIMATE LEVEL SPREADER
- PROPOSED RIVER ROCK OUTLET PROTECTION
- PROPOSED CULVERT
- PROPOSED EMERGENCY SPILLWAY
- PROPOSED RIPRAP APRON OUTLET PROTECTION
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED DRIVE LINE
- PROPOSED CARROLL PROVIDENCE SOLAR 1, LLC SITE BOUNDARY
- PROPOSED CARROLL PROVIDENCE SOLAR 2, LLC SITE BOUNDARY
- PROPOSED CARROLL PROVIDENCE SOLAR 3, LLC SITE BOUNDARY
- PROPOSED CARROLL PROVIDENCE SOLAR 4, LLC SITE BOUNDARY
- PROPOSED CARROLL PROVIDENCE SOLAR 5, LLC SITE BOUNDARY
- PROPOSED WATER TANK

ARM Group LLC
Engineers and Scientists
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No.	Revision	Date	By

designed	ARM
drawn by	BCC
checked	CLE
scale	1" = 150'
date	06/22/2026
project no.	25011119

graphic scale: 0 150 300 450 SCALE IN FEET

drawing title: OVERALL PROPOSED SITE CONDITIONS PLAN
GAMBER RD, FINKSBURG, MD, 21048

FINKSBURG
CARROLL COUNTY, MARYLAND

project title: CARROLL PROVIDENCE SOLAR 1, LLC
CARROLL PROVIDENCE SOLAR 2, LLC
CARROLL PROVIDENCE SOLAR 3, LLC
CARROLL PROVIDENCE SOLAR 4, LLC
CARROLL PROVIDENCE SOLAR 5, LLC

Sheet 0400-STE

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