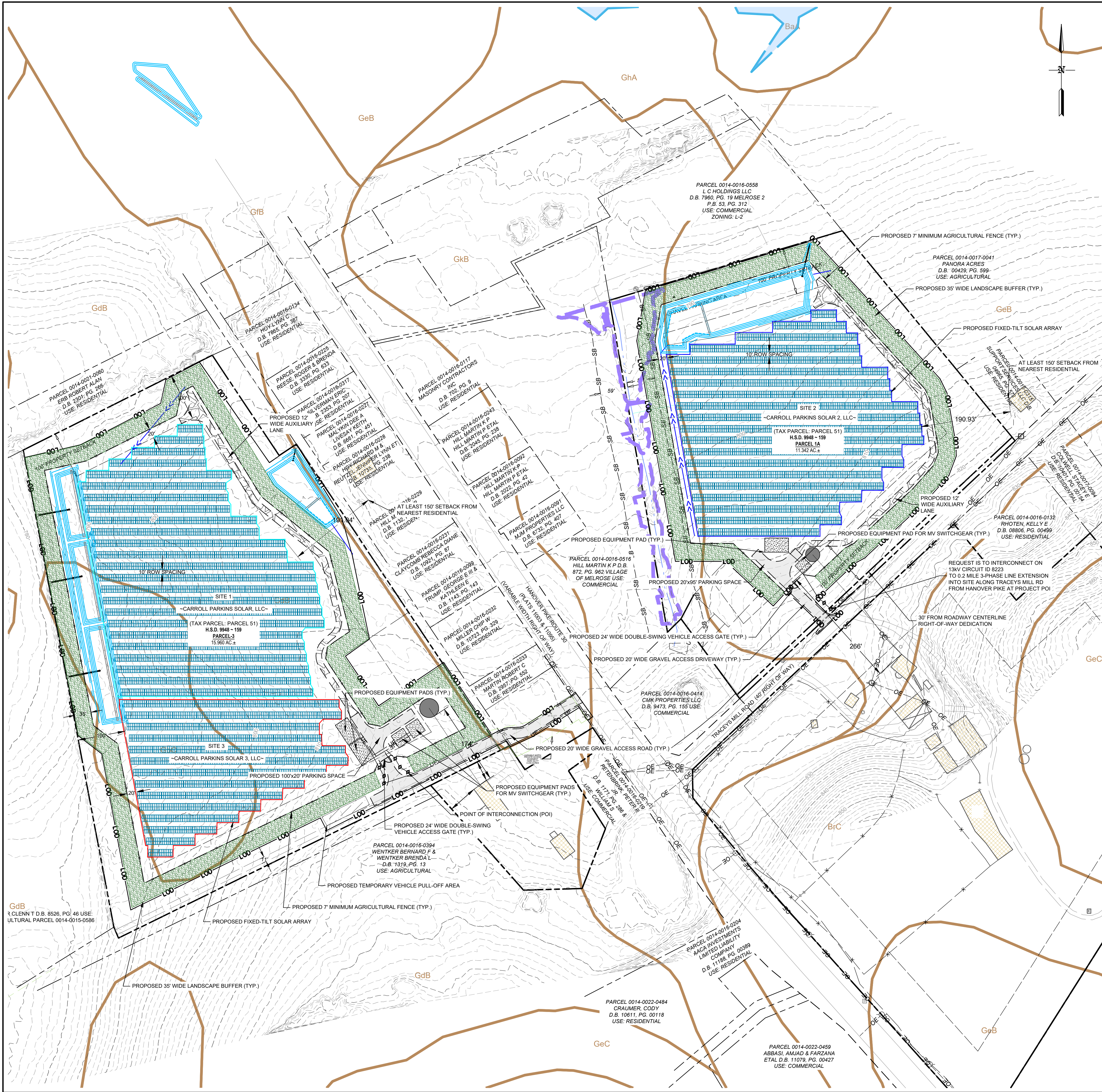




CARROLL PARKINS SOLAR, LLC SYSTEM DETAILS	
LATITUDE:	39.68935 °N
LONGITUDE:	-76.89548 °W
HIGH TEMPERATURE:	+ 99.5 °F + 37.5 °C
LOW TEMPERATURE:	9.5 °F - 12.3 °C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	240 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	4,316
TILT DEGREES:	20
GROUND COVER RATIO:	62 %
MODULES PER STRING:	26
STRING COUNT:	166
INVERTER(S):	SHP PEAK3 150-US-21
INVERTER QUANTITY:	14
RACKING TYPE:	FIXED-TILT TERRASMART
SYSTEM SIZE (DC):	2,503 MW
SYSTEM SIZE (AC):	2,000 MW
DC/AC RATIO:	1.25
ROW SPACING (FRONT TO BACK):	10.00 FT
ROW PITCH (FRONT TO FRONT):	24.15 FT
ARRAY AZIMUTH:	180.00°
FENCE AREA ACRES:	9.58 AC.

CARROLL PARKINS SOLAR 2, LLC SYSTEM DETAILS	
LATITUDE:	39.6902 °N
LONGITUDE:	-76.8952 °W
HIGH TEMPERATURE:	+ 99.5 °F + 37.5 °C
LOW TEMPERATURE:	9.5 °F - 12.3 °C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	240 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	3,900
TILT DEGREES:	20 °
GROUND COVER RATIO:	62 %
MODULES PER STRING:	26
STRING COUNT:	150
INVERTER(S):	SHP PEAK3 150-US-21
INVERTER QUANTITY:	13
RACKING TYPE:	FIXED-TILT TERRASMART
SYSTEM SIZE (DC):	2,262 MW
SYSTEM SIZE (AC):	1.95 MW
DC/AC RATIO:	1.16
ROW SPACING (FRONT TO BACK):	10.00 FT
ROW PITCH (FRONT TO FRONT):	24.15 FT
ARRAY AZIMUTH:	180 °
FENCE AREA ACRES:	6.13 AC.

CARROLL PARKINS SOLAR 3, LLC SYSTEM DETAILS	
LATITUDE:	39.6902 °N
LONGITUDE:	-76.8952 °W
HIGH TEMPERATURE:	+ 99.5 °F + 37.5 °C
LOW TEMPERATURE:	9.5 °F - 12.3 °C
INTERCONNECTION:	13.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	240 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE QUANTITY:	2,288
TILT DEGREES:	20 °
GROUND COVER RATIO:	62 %
MODULES PER STRING:	26
STRING COUNT:	88
INVERTER(S):	SHP PEAK3 150-US-21
INVERTER QUANTITY:	7
RACKING TYPE:	FIXED-TILT TERRASMART
SYSTEM SIZE (DC):	1,327 MW
SYSTEM SIZE (AC):	1.05 MW
DC/AC RATIO:	1.26
ROW SPACING (FRONT TO BACK):	10.00 FT
ROW PITCH (FRONT TO FRONT):	24.15 FT
ARRAY AZIMUTH:	180 °

- NOTES:
- THE BASE MAP HAS BEEN CREATED USING AERIAL IMAGERY AND AVAILABLE COUNTY GIS DATA.
 - A SURVEY WAS CONDUCTED WITHOUT TITLE REPORT BY RTF ASSOCIATES, INC. ON DECEMBER 12, 2024.
 - AN AQUATIC RESOURCE INVESTIGATION WAS COMPLETED BY ARM GROUP LLC ON JULY 22, 2025.
 - PHASE 1 ENVIRONMENTAL SITE ASSESSMENT (ESA) WAS COMPLETED BY ARM GROUP LLC ON AUGUST 22, 2025.
 - THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
 - SOIL BOUNDARIES OBTAINED FROM THE NRCS WEB SOIL SURVEY.
 - 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
- EXISTING PROPERTY BOUNDARY
- ADJOINING PROPERTY LINE
- EXISTING UTILITY EASEMENT
- EXISTING SOIL BOUNDARY & DESCRIPTOR
- EXISTING ACCESS EASEMENT
- EXISTING RIGHT OF WAY
- EXISTING FLOODWAYS
- EXISTING FLOODPLAINS
- EXISTING VERIFIED WATERCOURSE
- EXISTING PROPERTY BOUNDARY MARKER
- EXISTING UTILITY POLE
- EXISTING OVERHEAD ELECTRIC
- EXISTING WELL
- EXISTING PAVED ROAD
- EXISTING GRAVEL PARKING AREA
- EXISTING DRIVEWAY
- EXISTING SIDEWALK
- EXISTING GUIDERAIL
- EXISTING CONCRETE
- EXISTING FENCE
- EXISTING WALL
- EXISTING STRUCTURE
- EXISTING STREAM BUFFER
- PROPOSED OVERHEAD ELECTRIC
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED ACCESS ROAD
- PROPOSED PAVED ROAD
- PROPOSED FENCE
- PROPOSED EQUIPMENT PAD
- PROPOSED UTILITY POLE
- PROPOSED FIXED-TILT SOLAR ARRAY
- LANDSCAPE BUFFER
- PROPOSED CARROLL PARKINS SOLAR, LLC SITE BOUNDARY
- PROPOSED CARROLL PARKINS SOLAR 2, LLC SITE BOUNDARY
- PROPOSED CARROLL PARKINS SOLAR 3, LLC SITE BOUNDARY

ARM Group LLC
Engineers and Scientists
www.armgroup.net

Designed	ARM	Checked	BCC	Drawn	JRK	Project No.	25011291	Scale	1" = 100'	Date	06/22/2026
Project Title	OVERALL PROPOSED SITE CONDITIONS PLAN 2815 TRACEY'S MILL ROAD, MANCHESTER, MD 21102										
Client	CARROLL PARKINS SOLAR, LLC, CARROLL PARKINS SOLAR 2, LLC AND CARROLL PARKINS SOLAR 3, LLC										
Location	MANCHESTER CARROLL COUNTY, MARYLAND										

Sheet
0400-STE

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