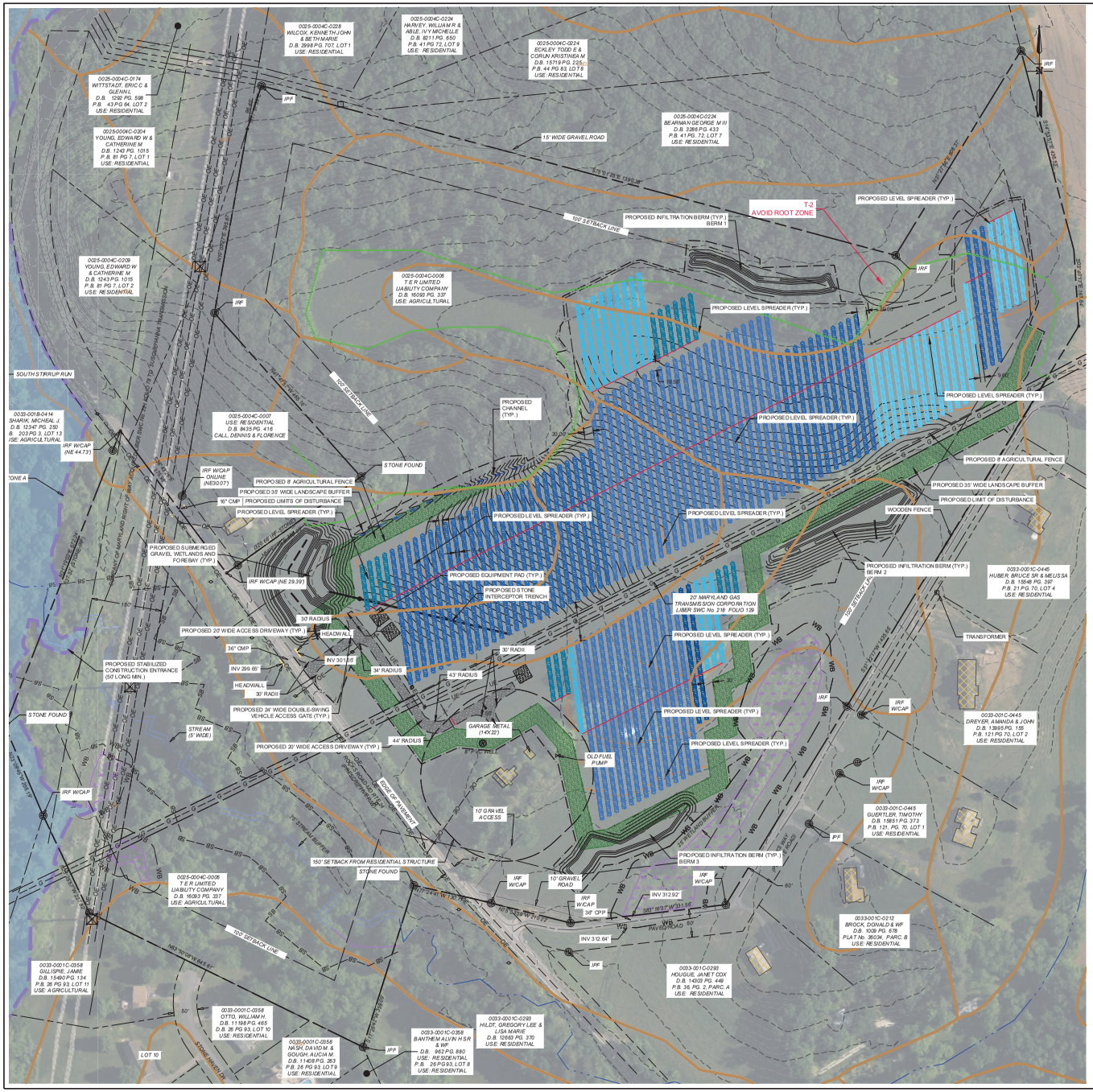

HARFORD TER SOLAR SYSTEM DETAILS

LATITUDE:	39.61209 °N
LONGITUDE:	-76.39591 °W
INTERCONNECTION:	33.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	360 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE HEIGHT:	7.474 FT
MODULE WIDTH:	3.720 FT
MODULE QUANTITY:	3,525
TILT DEGREES:	±52°
GROUND COVER RATIO:	44 %
MODULES PER STRING:	25
STRING COUNT:	141
INVERTER(S):	SMA SHP-150US-21 PEAK3
INVERTER QUANTITY:	14
RACKING TYPE:	SAT DURATRACK
SYSTEM SIZE (DC):	2.044 MW
SYSTEM SIZE (AC):	2.000 MW
DC/AC RATIO:	1.022
ROW SPACING (FRONT TO BACK):	9.57 FT
ROW PITCH (FRONT TO FRONT):	17.07 FT
ARRAY AZIMUTH:	172 °
FENCE AREA ACREAGE:	13.70 AC

HARFORD TER SOLAR 2 SYSTEM DETAILS

LATITUDE:	39.61209 °N
LONGITUDE:	-76.39591 °W
INTERCONNECTION:	33.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	360 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE HEIGHT:	7.474 FT
MODULE WIDTH:	3.720 FT
MODULE QUANTITY:	3,550
TILT DEGREES:	±52°
GROUND COVER RATIO:	44 %
MODULES PER STRING:	25
STRING COUNT:	142
INVERTER(S):	SMA SHP-150US-21 PEAK3
INVERTER QUANTITY:	13
RACKING TYPE:	SAT DURATRACK
SYSTEM SIZE (DC):	2.059 MW
SYSTEM SIZE (AC):	1.950 MW
DC/AC RATIO:	1.022
ROW SPACING (FRONT TO BACK):	9.57 FT
ROW PITCH (FRONT TO FRONT):	17.07 FT
ARRAY AZIMUTH:	172 °
FENCE AREA ACREAGE:	SHARES SITE 1 AREA

HARFORD TER SOLAR 3 SYSTEM DETAILS

LATITUDE:	39.61209 °N
LONGITUDE:	-76.39591 °W
INTERCONNECTION:	33.0 kV
ESTIMATED ELEVATION ABOVE SEA LEVEL:	360 FT
MODULE TYPE:	JINKO Eagle 72 G6B JKM565-585N-72HL4-F30-BDV-F3 0-F5-US
MODULE SIZE:	580 W
MODULE HEIGHT:	7.474 FT
MODULE WIDTH:	3.720 FT
MODULE QUANTITY:	1,900
TILT DEGREES:	±52°
GROUND COVER RATIO:	45 %
MODULES PER STRING:	25
STRING COUNT:	76
INVERTER(S):	SMA SHP-150US-21 PEAK3
INVERTER QUANTITY:	10
RACKING TYPE:	SAT DURATRACK
SYSTEM SIZE (DC):	1.102 MW
SYSTEM SIZE (AC):	1.050 MW
DC/AC RATIO:	1.049
ROW SPACING (FRONT TO BACK):	9.14 FT
ROW PITCH (FRONT TO FRONT):	16.60 FT
ARRAY AZIMUTH:	172 °
FENCE AREA ACREAGE:	4.11 AC

NOTES:

1. THE BASE MAP HAS BEEN CREATED USING AERIAL IMAGERY.
2. THIS PLAN IS IN THE MARYLAND STATE PLANE, NORTH AMERICAN DATUM 1983 (NAD 83) COORDINATE SYSTEM.
3. A BOUNDARY AND TOPOGRAPHIC SURVEY WAS COMPLETED BY ARM GROUP LLC ON 12-23-2025.
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.

LEGEND

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

- 600 — EXISTING CONTOURS
- SURVEYED PROPERTY BOUNDARY
- ADJOINING PROPERTY LINE
- WeB — EXISTING SOIL BOUNDARY & DESCRIPTOR
- EXISTING MONUMENTS
- EXISTING SETBACK
- EXISTING RIGHT OF WAY
- EXISTING PDW WETLAND
- EXISTING FLOODPLAINS
- EXISTING FLOODWAYS
- EXISTING POND
- EXISTING WATERCOURSE
- EXISTING VERIFIED WATERCOURSE
- EXISTING VEGETATION
- OE — OE — EXISTING OVERHEAD ELECTRIC
- G — G — EXISTING GAS LINE (BELOW GROUND)
- EXISTING ELECTRIC TOWER
- EXISTING UTILITY POLE
- EXISTING PAVED ROAD
- EXISTING GRAVEL ROAD
- EXISTING STRUCTURE
- EXISTING FENCE
- WB — 25' WETLAND BUFFER
- SB — SB — 75' STREAM BUFFER

DRAFT

This drawing, its contents, and each component of this drawing are the property of and proprietary to ARM Group LLC and shall not be reproduced or used in any manner except for the purpose identified on the Title Block, and only by or on behalf of this client for the identified project unless otherwise authorized by the express, written consent of ARM Group LLC.

ARM Group LLC
Engineers and Scientists
www.armgroup.net

No.	Revisions	Date	By

drawn by: MDP
checked: BCC
approved: CLE
scale: 1" = 100'
date: 05/01/2026
project no.: 25012053
graphic scale: 0 100 200 300 SCALE IN FEET

PROPOSED SITE CONDITIONS PLAN
CONCEPT SITE DEVELOPMENT PLAN

project title: HARFORD T E R SOLAR, LLC
HARFORD T E R SOLAR 2, LLC
HARFORD T E R SOLAR 3, LLC

JARRETTSVILLE
HARFORD COUNTY, MARYLAND

drawing title: Sheet 3 OF 15

P:\ARM Associates\Projects\25012053 - Harford TER\CAD\Conceptual Design\Site Development Plans\25012053 - SDP1_Proposed Site Conditions.dwg Revised: May 1, 2026