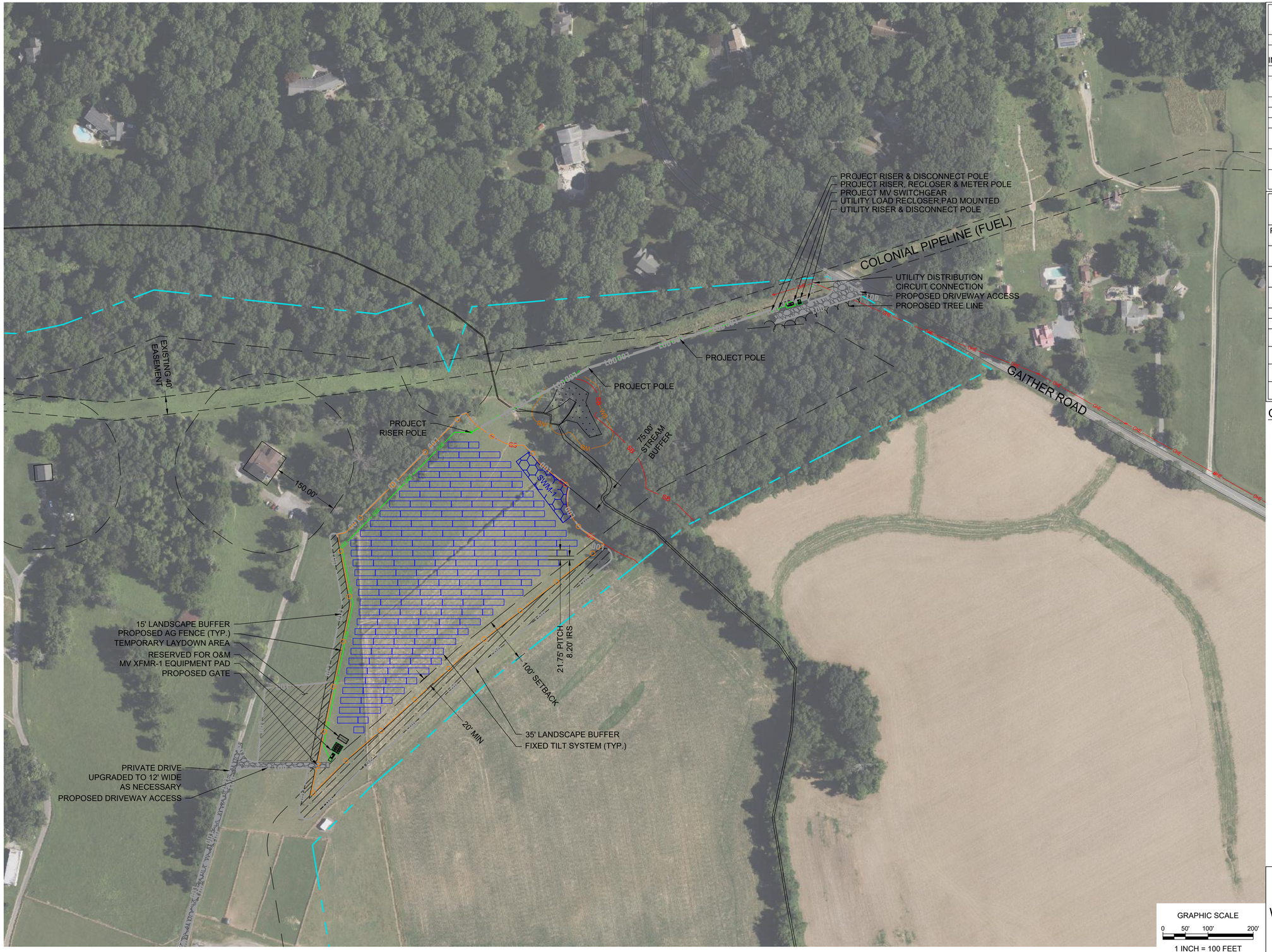

SYSTEM SUMMARY

PV DC SYSTEM SIZE	2,428.92 kWdc
AC SYSTEM SIZE/ INTERCONNECTION LIMIT	2,000.00 kWac
DC/AC RATIO	1.214
MODULEQTY/SPEC	(4,152) IMPERIAL STAR ISN7-UHSB144-585/M (585Wp) OR EQUIV.
PV AZIMUTH / TILT	180° / 25°
RACKING	FIXED TILT
PITCH / IRS	21.75 FT / 8.20 FT
INVERTER QTY/SPEC	(16) CHINT CPS SCH125KTL-DO/US-600 (125kW, 600V) OR EQUIV.
INVERTER AGGREGATE NAMEPLATE POWER	2,000.00 kWac
INVERTER AGGREGATE CURTAILED POWER	2,000.00 kWac

LAYER LEGEND

PROP. UNDERGROUND ELECTRIC	UGE		
PROP. OVERHEAD ELECTRIC	OHE		
EX. UNDERGROUND ELECTRIC	UGE		
EX. OVERHEAD ELECTRIC	OHE		
PROP. FENCE			
PROPERTY LINE			
SOLAR PV MODULES		LANDSCAPE BUFFER	
ROAD		WETLANDS	
CONCRETE		FLOODPLAINS	
LAYDOWN AREA		WATER	

GENERAL NOTES:

1. DRAWING FOR INTERCONNECTION APPROVAL AND EPC BID ONLY. NOT FOR CONSTRUCTION.
2. ALL EQUIPMENT SHALL BE UL LISTED FOR USE IN SYSTEM CONFIGURATION.
3. INSTALLATION SHALL COMPLY WITH THE LATEST STATE ADOPTED NEC.
4. EQUIPMENT LOCATIONS FOR PRELIMINARY DESIGN ONLY. EQUIPMENT LOCATION MAY BE SUBSTITUTED BY THE EPC AS APPROVED BY CEH.
5. SEE CIVIL ENGINEERING DRAWINGS FOR CIVIL SITE DETAILS.
6. PROPOSED INTERCONNECTION PATH AND UTILITY DISTRIBUTION CIRCUIT CONNECTION MAY BE SUBSTITUTED BY THE EPC AS APPROVED BY CEH.
7. IF REQUIRED, INVERTER AC OUPUT SHALL BE PERMANENTLY CURTAILED TO VALUES SHOWN IN THE INVERTER SUMMARY TABLE ON E-100.
8. MODULE AND FENCE LAYOUT ON E-001 SUPERSEDES THOSE SHOWN ON CIVIL DRAWINGS.
9. CONTRACTOR TO LOCATE TRANSFORMER PAD ON CREST OF HILL AND TO ENSURE PROPER DRAINAGE AWAY FROM PAD.

N W E S

NOT FOR CONSTRUCTION

CONCEPTUAL DESIGN 02/18/2026

PROJECT

CHABERTON SOLAR HAZEL LLC
2.43 MWdc / 2.00 MWac GROUND MOUNT AT
13850 FORSYTHE RD
SYKESVILLE, HOWARD COUNTY, MD 21784
39.3521°, -76.9893°

DEVELOPER

CHABERTON ENERGY
1700 ROCKVILLE PIKE, SUITE 305
ROCKVILLE, MD 20852

chaberton ENERGY

REV.	DESCRIPTION	DATE
E	UPDATE LANDSCAPE BUFFER	8/31/2026
D	RELOCATED EQUIPMENT PAD	8/24/2026
C	UPDATED LEASE AREA	8/13/2026

APPROVED BY: EJA
CHECKED BY: JLA
DESIGNED BY: JDL

DRAWING TITLE
ELECTRICAL SITE PLAN

REVISION E
DRAWING NO. E-002