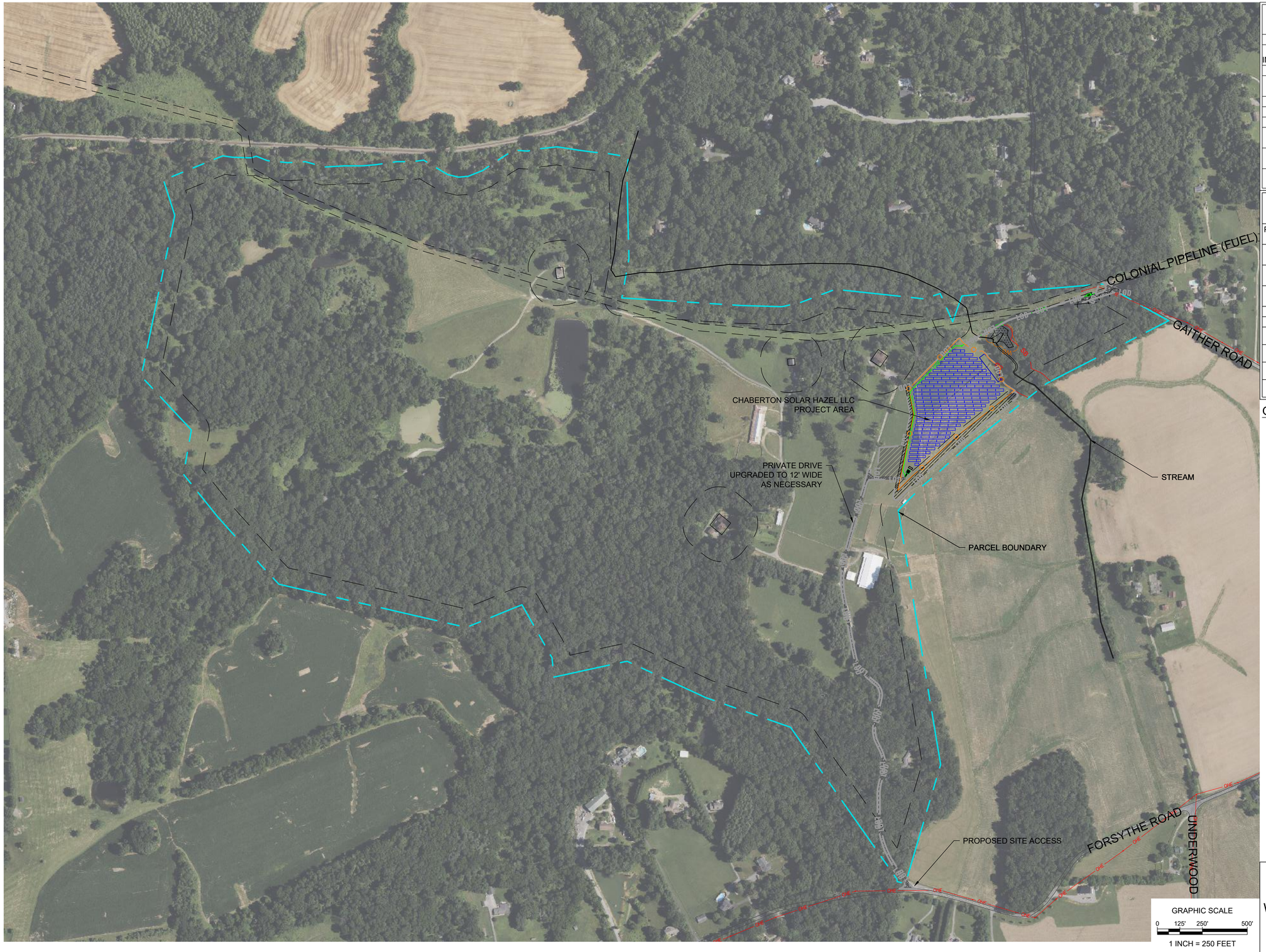


## SYSTEM SUMMARY

| | |
|---|---|
| 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**

# OVERALL SITE PLAN

**REVISION** E
**DRAWING NO.** E-001

C:\Users\jacob\Local\CEH\Team - 4. Active Projects\1. MD\Hazel\6. Engineering\01 CAD\E-001 Hazel Overall SP.dwg