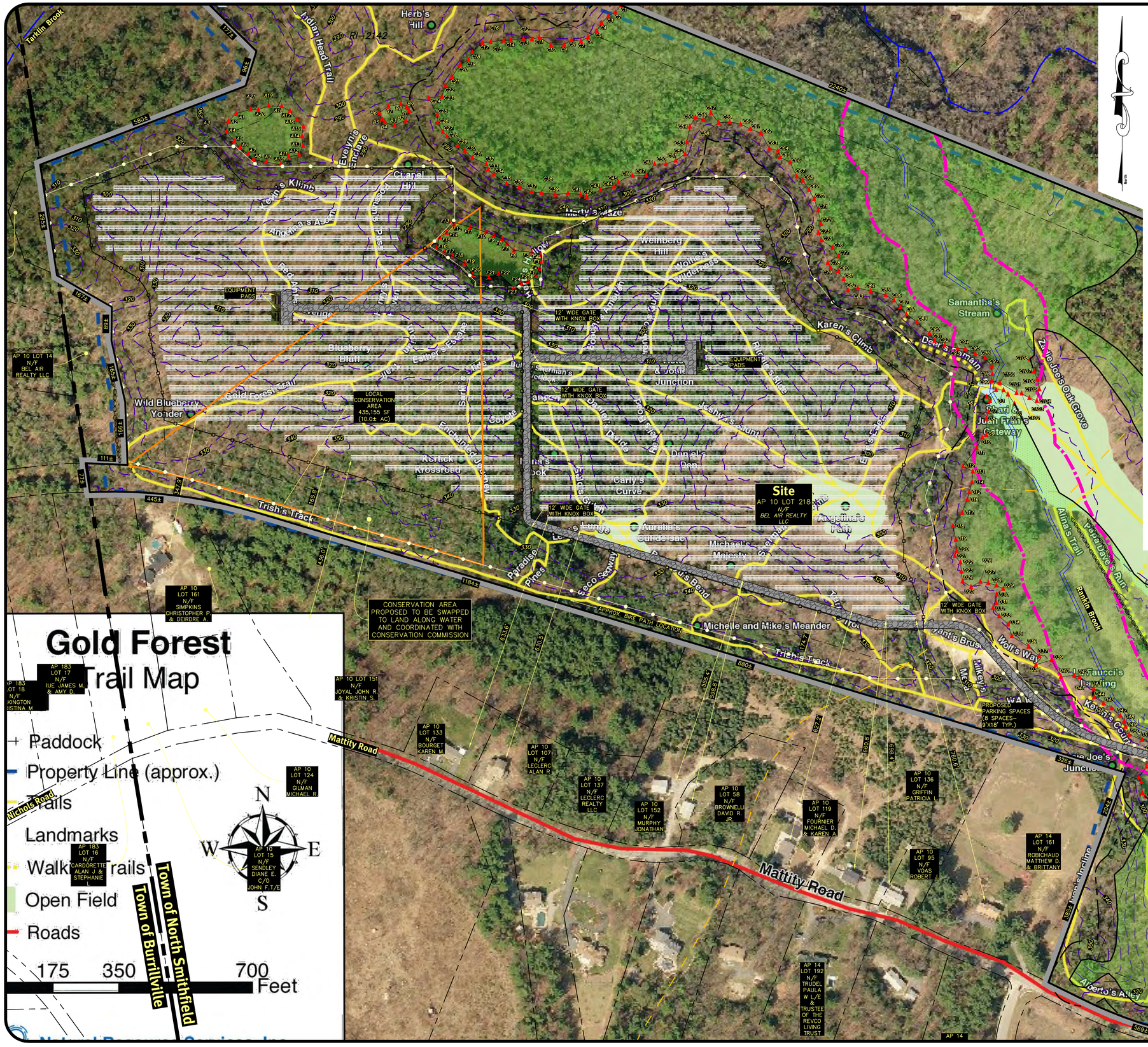


## Site Layout Notes:

1. THE SITE IS LOCATED ON THE TOWN OF NORTH SMITHFIELD'S AP 10 LOT 218.
2. DETAILED SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL CONFORM TO RIDEM BEST MANAGEMENT PRACTICES.
3. NO NEW WELLS OR OWTS PROPOSED. THE SITE IS NOT PROPOSED TO BE SERVICED BY PUBLIC WATER.
4. ALL ELECTRICAL CONNECTION AND DISTRIBUTION LINES WITHIN THE FACILITY SHALL BE UNDERGROUND. ELECTRICAL EQUIPMENT BETWEEN THE FACILITY AND THE UTILITY CONNECTION MAY BE ABOVE GROUND IF REQUIRED BY THE UTILITY.
5. NO LIGHTING IS PROPOSED AT THIS TIME. FOR THE PROPOSED SOLAR FACILITY, NATIONAL GRID MAY REQUIRE LIGHTING AT THE SUBSTATION.
6. PROPOSED SIGNAGE IS LIMITED TO SECURITY SIGNS AND VOLTAGE WARNING SIGNS (OR SIMILAR) INSTALLED ON THE FACILITY PERIMETER FENCING.
7. PROJECT WORK WILL BE UNDERTAKEN IN MULTIPLE PHASES AND SUB–PHASES AND MAY BE BUILT OUT OF SEQUENCE.
8. NO PRIME AGRICULTURAL SOILS ARE TO BE REMOVED DURING CONSTRUCTION AND INSTALLATION OF THE SYSTEM.
9. THE SOLAR ARRAY SHALL BE ENCLOSED BY A 6' HIGH PERIMETER FENCE WITH A 12' WIDE GATE WITH KNOX BOX.
10. GROUND MOUNTED SOLAR INSTALLATIONS SHALL NOT EXCEED 15 FEET IN HEIGHT
11. (ZONING ORDINANCE 5.7.5.j ). TYPICALLY, HEIGHT OF PROPOSED SOLAR PANEL INSTALLATION RANGES FROM 3 FEET TO 12 FEET.
12. THE DRAINAGE SYSTEM WILL MEET THE NORTH SMITHFIELD SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF SWALES, DRAINAGE BASINS, AND INFILTRATION TRENCHES. THE STORMWATER MANAGEMENT SYSTEM WILL MEET THE RIDEM BEST MANAGEMENT PRACTICES.
13. A DETAILED LANDSCAPE PLAN WILL BE SUBMITTED AT THE PRELIMINARY STAGE.

## Dimensional Regulations:

| | |
|---|---|
| CURRENT ZONING: | RA (RURAL AGRICULTURE) |
| MINIMUM LOT AREA: | 65,000 SF |
| MINIMUM FRONTAGE AND LOT WIDTH: | 200' |
| MINIMUM FRONT YARD: | ~~40'~~ 100' * |
| MINIMUM SIDE YARD: | ~~25'~~ 100' * |
| MINIMUM REAR YARD: | ~~40'~~ 100' * |
| MAXIMUM STRUCTURE HEIGHT: | 35' |
| MAXIMUM LOT COVERAGE: | ~~25%~~ 30% or 6 ACRES, WHICHEVER IS LESS ** |

* – ZONING ORDINANCE SECTION 5.7.5 (d) SETBACKS:
(1) CONSISTENT WITH SECTION 5.7.5 (g) VISUAL BUFFER AND SETBACK, ALL SOLAR ARRAYS MUST BE SET BACK A MINIMUM OF 100' FROM PROPERTY LINES.

** – VARIANCE SOUGHT FOR ZONING ORDINANCE SECTION 5.7.5 (c).

## Proposed Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

LIMIT OF DISTURBANCE – NO EROSION CONTROL

FILTREXX SEDIMENT CONTROL, SILT FENCE (RIDOT STD 9.2.0) OR APPROVED EQUAL AT LIMIT OF DISTURBANCE

6' HIGH PERIMETER FENCE

SOLAR ARRAY

20' WIDE GRAVEL ACCESS ROAD

## Viewshed Analysis:

THE PROPOSED SOLAR DEVELOPMENT WILL BE SCREENED FROM ADJACENT STREETS AND NEIGHBORING PARCELS WITH AN EXISTING VEGETATED BUFFER AND/OR LANDSCAPE SCREENING ALONG WITH EXISTING UNDISTURBED TREELINE.


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THIS IS AN OVERLAY PLAN AND IS NOT TO BE CONSTRUED AS AN ACCURATE SURVEY. THIS PLAN HAS BEEN CREATED UTILIZING BEST AVAILABLE INFORMATION AND WILL NEED TO BE FIELD VERIFIED AND SURVEYED.

| No. | Date | Description | By: |
|---|---|---|---|
| 3 | 12-09-2019 | Master Plan of Gold Lake Submission | L.L.S. |
| 2 | 11-25-2019 | Revised Site Layout Plan | N.J.K. |
| 1 | 09-16-2019 | Pre-Application Submission | J.A.R. |

Drawn By: J.A.R. Design By: D.A.R.

Site Layout Plan

**Douglas Pike Solar**

AP 10, Lot 218
North Smithfield, Rhode Island

**Applicant**
**Anthony Delvicario**
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tel. 401-821-8978

SHEET 4 OF 5


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