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**NOTES**

1. EXISTING PROPERTY INFORMATION

PIN	OWNER	DB/PG	ZONING	ACREAGE	LAND USE
9750-73-6988	CHATHAM PARK INVESTORS, LLC	1357/258	R-A2	76.58	VACANT
9750-81-2624	CHATHAM PARK INVESTORS, LLC	1280/430	R-A2	50.87	VACANT
9750-91-5471	CHATHAM PARK INVESTORS, LLC	1259/34	R-A2	25.49	VACANT
9750-91-6915	CHATHAM PARK INVESTORS, LLC	1265/274	R-A2	25.41	VACANT
9760-12-7655	CHATHAM PARK INVESTORS, LLC	1380/1087	R-A2	112.24	VACANT
9760-27-8401	CHATHAM PARK INVESTORS, LLC	1231/560	R-A2	1763.29	VACANT
TOTAL ACREAGE				2053.88	

SITE ADDRESS: MONCURE-PITTSBORO RD., PITTSBORO, CHATHAM COUNTY, NC

PROPOSED LEASE AREA: 178.39 AC

PROPOSED DISTURBED AREA: 185.65 AC

RIVER BASIN: CAPE FEAR

WATERSHED: JORDAN LAKE (WS-IV)

MINIMUM SETBACK REQUIREMENTS:

ZONING: R-A2

FRONT: 50'

SIDE: 25'

REAR: 30'

2. THE PURPOSE OF THIS PLAN IS FOR REVIEW AND APPROVAL BY THE TOWN OF PITTSBORO PLANNING DEPARTMENT TO CONSTRUCT A SOLAR ELECTRIC POWER PLANT. ALL INFORMATION SHOWN IS FOR PLANNING PURPOSES ONLY.

3. TOPOGRAPHIC DATA & EXISTING IMPROVEMENTS SHOWN ON THIS PLAN IS PER NCDOT LIDAR TOPOGRAPHY, CHATHAM COUNTY GIS AND AERIAL IMAGERY.

4. WATERS OF THE US SHOWN PER "CHATHAM PARK WETLAND APPROXIMATION" BY SAEC DATED 01/11/09 INCLUDED WITH USACE APPROVED JURISDICTIONAL DETERMINATION DATED 05/12/10.

5. THE PROPERTY SHOWN HEREON DOES NOT CONTAIN SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD (IE, 100-YR. EVENT) PER FEMA FIRM MAP PANELS NO. 3710975000J (NOT AVAILABLE) AND 3710976000J EFFECTIVE DATE FEBRUARY 2, 2007.

6. ALL RIGHT-OF-WAYS ARE PUBLIC, UNLESS NOTED OTHERWISE.

7. UTILITY LINES AND SERVICES SHOWN HEREON ARE APPROXIMATE PER AERIAL PHOTOGRAPHY OR AS REPORTED BY VARIOUS RESPONSIBLE PARTIES. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. CALL NC ONE CALL CENTER BEFORE DIGGING AT 811.

8. COPIES OF ALL PERMITS AND APPROVED PLANS MUST BE KEPT ON-SITE IN A PERMIT BOX THAT IS CONSPICUOUSLY LOCATED AND EASILY ACCESSIBLE DURING CONSTRUCTION.

9. A SEDIMENT AND EROSION CONTROL PLAN WILL BE APPROVED BY NCDENR-LOGS PRIOR TO BEGINNING CONSTRUCTION.

10. A DRIVEWAY PERMIT WILL BE APPROVED BY NCDOT PRIOR TO BEGINNING CONSTRUCTION.

11. PROJECT AREA, INCLUDING CONSTRUCTION STAGING AREAS, WILL BE CLEARED AND GRUBBED AS NECESSARY. RETAINING PRE-DEVELOPMENT DRAINAGE PATTERNS (I.E. NO MASS GRADING), A PORTION OF PROJECT AREAS MAY CONSIST OF TREE CLEARING ONLY (NO GRUBBING) TO ALLEVIATE SHADING OF THE ARRAY, AS INDICATED ON THE SITE PLAN. MINOR GRADING (APPROX. 545 SF) WILL OCCUR AROUND INVERTER AREAS TO DIVERSIFY SURFACE DRAINAGE. CONSTRUCTION STAGING AND AREAS SUBJECT TO RUTTING DURING CONSTRUCTION WILL BE TEMPORARILY STABILIZED WITH LOGGING MATS, WHICH WILL BE REMOVED FOLLOWING CONSTRUCTION. THE ONLY PERMANENT IMPERVIOUS SURFACES WILL BE TWO CONCRETE SLABS, TOTALING LESS THAN 100 SF AT EACH INVERTER.

12. PROPOSED TEMPORARY LAYDOWN YARD/CONSTRUCTION STAGING AREA TO BE USED DURING SITE CONSTRUCTION. A PORTION OF THIS AREA (HATCHED) WILL BE COVERED WITH LOGGING MATS TO ALLOW DELIVERY OF CONSTRUCTION MATERIALS. PRIOR TO CONSTRUCTION, THIS AREA IS COMPACTED BY A SMOOTH DRUM ROLLER TO REDUCE/PREVENT RUTTING. FOLLOWING CONSTRUCTION, THE LOGGING MATS ARE REMOVED AND THE ENTIRE AREA IS RESTORED TO PRE-CONSTRUCTION CONDITIONS.

13. ACCESS AISLES SHOWN ON THIS PLAN INDICATE CONSTRUCTION AND MAINTENANCE ACCESS POINTS FOR INGRESS/EGRESS. PRIOR TO CONSTRUCTION, THESE AISLES ARE COMPACTED BY A SMOOTH DRUM ROLLER TO REDUCE/PREVENT RUTTING. LOGGING MATS MAY BE PLACED IN HIGH TRAFFIC OR POORLY DRAINING AREAS DURING CONSTRUCTION ACTIVITIES TO IMPROVE ACCESS. NO PERMANENT IMPROVEMENTS OR IMPERVIOUS SURFACES (I.E. GRAVEL OR ASPHALT) WILL BE INSTALLED IN ACCESS AISLES FOR CONSTRUCTION OR MAINTENANCE ACTIVITIES.

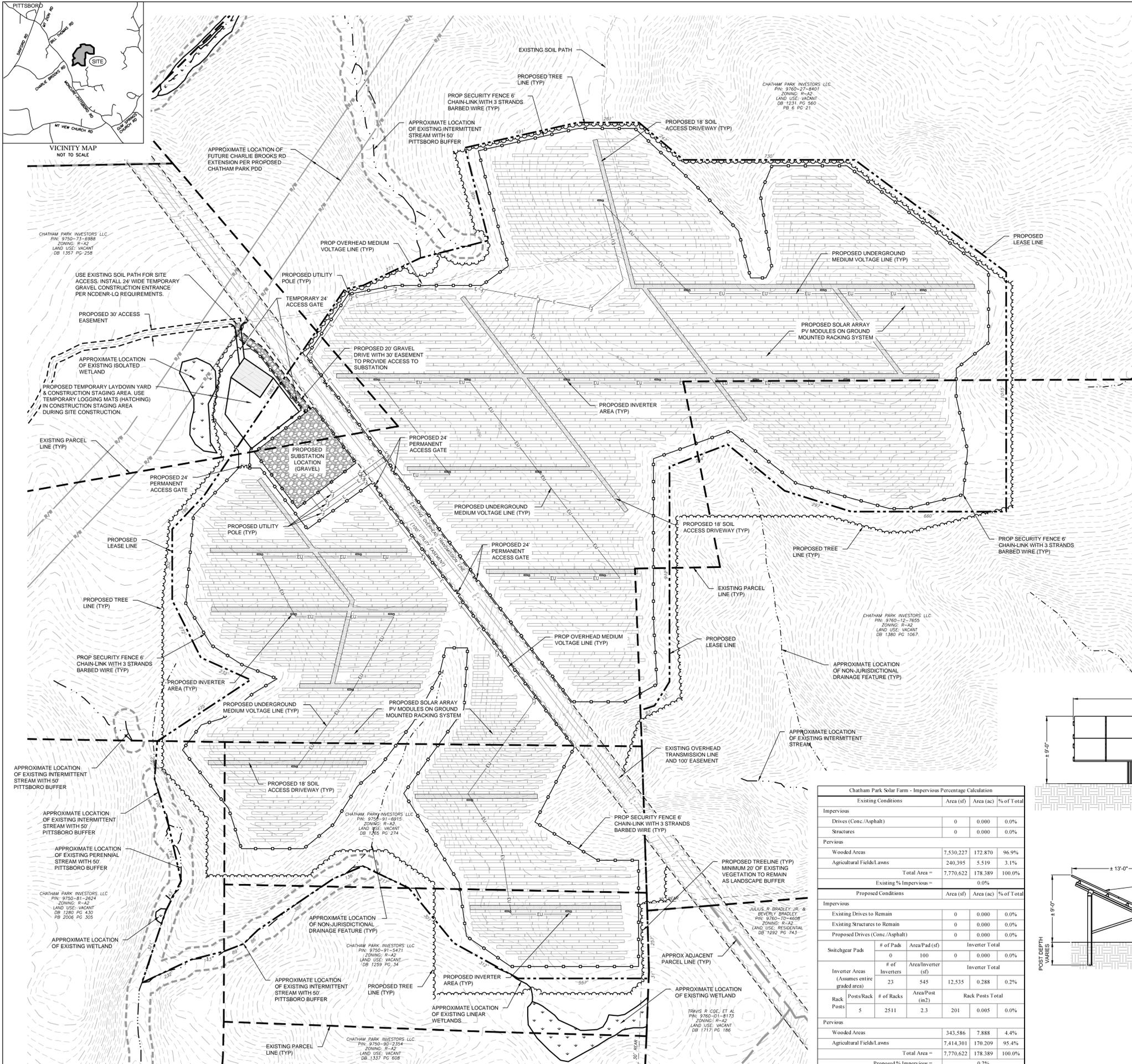
14. PROPOSED 24" ACCESS GATE (TWO 12" SECTIONS) IS 6' TALL CHAIN LINK WITH 3 STRANDS OF BARBED WIRE. GATE WILL BE LOCKED WITH STANDARD KEYED OR COMBINATION LOCK. EMERGENCY PERSONNEL (AS DESIGNATED BY PITTSBORO AND CHATHAM COUNTY) WILL BE PROVIDED A KEY OR COMBINATION FOR ACCESS.

15. NO LIGHTING IS PROPOSED FOR THIS SITE.

16. ALUMINUM SIGNS ("DANGER - HIGH VOLTAGE" AND "DANGER - NO TRESPASSING") MEASURING 14" X 10" IN SIZE, WILL BE PLACED ON PERMANENT SECURITY FENCING, ALTERNATING EVERY 100' AROUND THE ARRAY.

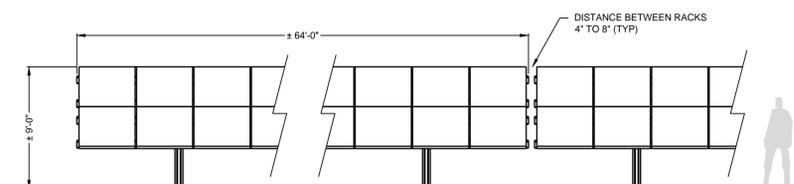
17. SYSTEMS, EQUIPMENT AND STRUCTURES WILL NOT EXCEED TWENTY-FIVE (25) FEET IN HEIGHT WHEN GROUND MOUNTED. EXCLUDED FROM THIS HEIGHT REQUIREMENT, HOWEVER, ARE ELECTRIC TRANSMISSION LINES AND UTILITY POLES.

18. NOISE LEVELS MEASURED AT THE PROPERTY LINE WILL NOT EXCEED FIFTY (50) DECIBELS WHEN LOCATED ADJACENT TO AN EXISTING RESIDENCE OR RESIDENTIAL DISTRICT.

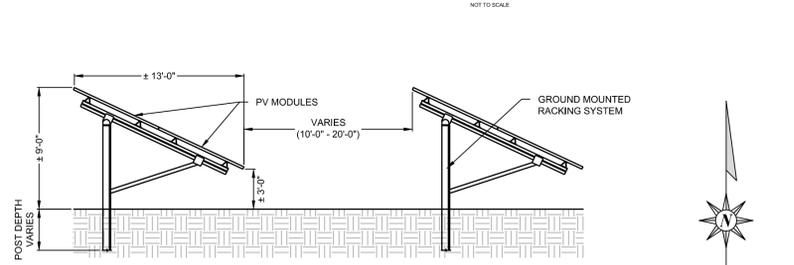


Chatham Park Solar Farm - Impervious Percentage Calculation

Existing Conditions	Area (sf)	Area (ac)	% of Total	
Impervious				
Drives (Conc./Asphalt)	0	0.000	0.0%	
Structures	0	0.000	0.0%	
Pervious				
Wooded Areas	7,530,227	172.870	96.9%	
Agricultural Fields/Lawns	240,395	5.519	3.1%	
<b>Total Area =</b>	<b>7,770,622</b>	<b>178.389</b>	<b>100.0%</b>	
Existing % Impervious =			0.0%	
Proposed Conditions				
Impervious				
Existing Drives to Remain	0	0.000	0.0%	
Existing Structures to Remain	0	0.000	0.0%	
Proposed Drives (Conc./Asphalt)	0	0.000	0.0%	
Switchgear Pads	# of Pads: 0, Area/Pad (sf): 100	0	0.000	0.0%
Inverter Areas (Assumes entire graded area)	# of Inverters: 23, Area/Inverter (sf): 545	12,535	0.288	0.2%
Rack Posts	# of Racks: 5, Area/Post (sq ft): 2511	2.3	0.005	0.0%
Pervious				
Wooded Areas	343,586	7.888	4.4%	
Agricultural Fields/Lawns	7,414,301	170.209	95.4%	
<b>Total Area =</b>	<b>7,770,622</b>	<b>178.389</b>	<b>100.0%</b>	
Proposed % Impervious =			0.2%	



TYPICAL RACK FRONT ELEVATION  
NOT TO SCALE



TYPICAL RACK SIDE ELEVATION  
NOT TO SCALE



SCALE: 1" = 200'