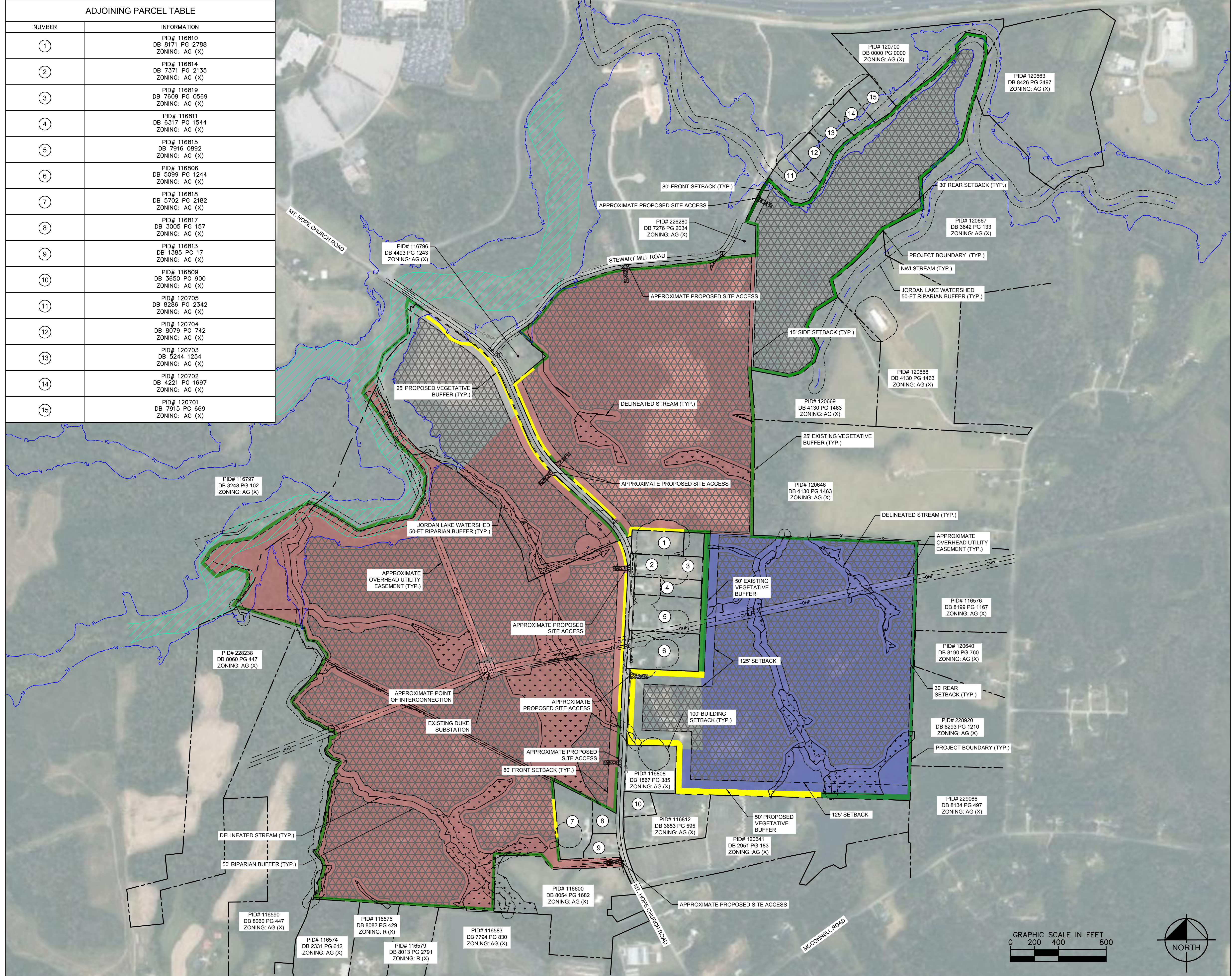


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ADJOINING PARCEL TABLE	
NUMBER	INFORMATION
1	PID# 116810 DB 8171 PG 2788 ZONING: AG (X)
2	PID# 116814 DB 7371 PG 2135 ZONING: AG (X)
3	PID# 116819 DB 7609 PG 0569 ZONING: AG (X)
4	PID# 116811 DB 6317 PG 1544 ZONING: AG (X)
5	PID# 116815 DB 7916 0892 ZONING: AG (X)
6	PID# 116806 DB 5099 PG 1244 ZONING: AG (X)
7	PID# 116818 DB 5702 PG 2182 ZONING: AG (X)
8	PID# 116817 DB 3005 PG 157 ZONING: AG (X)
9	PID# 116813 DB 1385 PG 17 ZONING: AG (X)
10	PID# 116809 DB 3650 PG 900 ZONING: AG (X)
11	PID# 120705 DB 8286 PG 2342 ZONING: AG (X)
12	PID# 120704 DB 8079 PG 742 ZONING: AG (X)
13	PID# 120703 DB 5244 1254 ZONING: AG (X)
14	PID# 120702 DB 4221 PG 1897 ZONING: AG (X)
15	PID# 120701 DB 7915 PG 669 ZONING: AG (X)



SITE DATA TABLE	
PROJECT AREA	±880 ACRES
PARCEL ID # SUP 18-10-GCPL-06575 (APPROVED 11/16/2018)	120643
PARCEL ID # SUP 18-08-GCPL-0511 (APPROVED 9/13/2019)	116804; 116805; 116807; 116799
ADDITIONAL PARCEL ID #	120662; 116804 (REMAINING PARCEL ACREAGE); 120643 (REMAINING PARCEL ACREAGE)
APPROXIMATE POWER CAPACITY	40 MW AC
ZONING JURISDICTION	GUILFORD COUNTY
ZONING	AGRICULTURAL (X)
CURRENT LAND USE	AGRICULTURAL, FORESTED
PROPOSED LAND USE	SOLAR ENERGY
MAXIMUM IMPERVIOUS AREA	15%
SETBACKS	GUILFORD COUNTY: 80' MIN. FRONT SETBACK 15' MIN. SIDE SETBACK 30' MIN. REAR SETBACK
LANDSCAPE BUFFERS COUNTY REQUIREMENTS (SECTION 6.3-2 GUILFORD COUNTY UDO)	SOLAR COLLECTORS AND ASSOCIATED OUTSIDE STORAGE SHALL BE SCREENED WITH A VEGETATIVE BUFFER FROM VIEW FROM ALL STREETS AND ADJACENT RESIDENTIAL USES. EXISTING VEGETATION AROUND THE PERIMETER OF THE SITE WILL BE USED WHERE POSSIBLE. WHERE EXISTING VEGETATION IS DEEMED INSUFFICIENT, SUPPLEMENTAL PLANTINGS ARE PROPOSED.  PROPOSED SCREENING SHALL MEET OR EXCEED TYPE B PLANTING YARD RATE PER SECTION 6.3-2: -MINIMUM WIDTH: 25 FT -INCLUDE 3 CANOPY TREES PER 100 LF -INCLUDE 5 UNDERSTORY TREES PER 100 LF -UNDERSTORY TREES MAY BE SUBSTITUTED FOR CANOPY TREES  FINAL PLANTINGS TO BE DETERMINED AT TIME OF CONSTRUCTION DRAWING SUBMITTAL.

- GENERAL NOTES**
1. ORIGINAL PARCEL SURVEY PROVIDED BY MCKIM & CREED DATED JULY 30, 2019. ADDITIONAL PROJECT PARCELS OBTAINED FROM GUILFORD COUNTY GIS.
  2. EXISTING CONDITIONS AND ENVIRONMENTAL FEATURES ARE BASED ON BOTH PUBLICLY AVAILABLE INFORMATION AND DETAILED DELINEATION INCLUDING GUILFORD COUNTY GIS, DELINEATION BY PILOT ENVIRONMENTAL INC WETLANDS REPORT DATED 8/11/2017, AND NWI GIS DATA ACCESSED ON 4/8/2021.
  3. A PORTION OF THE SUBJECT PROPERTY LIES WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL 3710880300J, DATED 6/18/2007) PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).
  4. THE LOCATIONS OF PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCING, SOLAR ARRAY RACKING, INVERTER/TRANSFORMER PADS, OVERHEAD POLES, AND VEGETATIVE BUFFERS, ETC., SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, EQUIPMENT SPECIFICATIONS, DETAILED DESIGN, AND/OR OTHER CONSTRAINTS.
  5. STRUCTURES NOT TO EXCEED HEIGHT OF 25 FT.
  6. ANY IMPACTS TO STREAMS, WETLANDS, AND/OR BUFFER ZONES WILL BE PERMITTED THROUGH THE US ARMY CORPS OF ENGINEERS AND NCDWR ACCORDINGLY.

LEGEND	
	PROJECT BOUNDARY
	ADJACENT PROPERTY LINE
	100' RESIDENTIAL SETBACK
	APPROXIMATE OVERHEAD UTILITY EASEMENT
	APPROXIMATE EXISTING OVERHEAD TRANSMISSION LINE
	JORDAN LAKE WATERSHED 50-FT RIPARIAN WATER BUFFER
	DELINEATED STREAMS
	NWI STREAMS
	DELINEATED WETLANDS
	MAXIMUM ARRAY EXTENTS
	FEMA SPECIAL FLOOD ZONE
	FEMA 100 YEAR FLOODPLAIN
	EXISTING VEGETATIVE BUFFER
	PROPOSED VEGETATIVE BUFFER
	SUP 18-10-GCPL-06575 APPROVAL AREA (DATED 11/16/2018)
	SUP 18-08-GCPL-05100 APPROVAL AREA (9/13/2019)

NO.	PER. TRC. COMMENTS	REVISIONS	DATE	BY
1			5/11/2021	NDH

**Kimley-Horn**

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**PRELIMINARY**  
NOT FOR CONSTRUCTION

KHA PROJECT 013434006	DATE 4/9/2021	SCALE AS SHOWN	DESIGNED BY TAP	DRAWN BY TAP	CHECKED BY JSL
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**ZONING SITE PLAN**

**WEST RIVER SOLAR**

GUILFORD COUNTY NORTH CAROLINA