

FILED

SEP 26 2019

**Clerk's Office
N.C. Utilities Commission**

September 25, 2019

Chief Clerk
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4300

Reference Docket No. SP-11723 Sub 0 Certificate of Public Convenience and Necessity
Apex Solar, LLC.

Dear Sir/Madam:

My name is Ronald Ingram, and I am a resident of Cleveland County, North Carolina. I am writing concerning the Application of a Certificate of Public Convenience and Necessity for a solar farm project for Apex Solar, LLC.

The proposed site is 320.73 contiguous and non-contiguous acres. This project, if constructed will forever change the landscape and possibly jeopardize the safety of the land in the community where I and my neighbors live. I have enclosed a site plan for your convenience.

Since the time this project received its special use permit from Cleveland County, the Board of Commissioners has revised its solar farm standards. The new standards offer the county and its citizen's greater protection/livability both while the project is in operation and its subsequent decommissioning.

Cleveland County currently has a solar site on South Lafayette Street that has a phase that has been constructed for some time and is not in operation. The county has not issued a certificate of occupancy for this project because they have not installed the proper screening.

When I asked representatives with Cypress Creek Renewables, the proposed operator of the site seeking this Certificate, if they could possibly do the same, they said that this would not be the case, if they constructed it, it would be placed in operation.

I'm sure that those who constructed the phase on South Lafayette Street would not have constructed it without the intention of placing it in operation. While neither one of us

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Sep 26 2019

knows why they did this, why should Cleveland County have a new site constructed, while one sits idle?

While we have met with representatives from Apex Solar LLC, Cypress Creek Renewables, who discussed, safety, land value, site operation, etc., decommissioning still remains a high priority on my list of concerns. Cypress Creek Renewables has been in the solar industry less than 10 years and has never decommissioned a site. Cypress Creek representatives told us that what could not be recycled from the site, could be safely disposed of in a landfill. I find that really hard to believe. Solar panels contain toxic chemicals such as lead, cadmium, and other chemicals that cannot be removed by breaking apart the panel. While most solar panels are largely constructed of glass, the glass cannot be recycled due to impurities. If there sites are so safe, why does Brunswick County not allow a decommissioned site to be used for 10 years to ensure that the land is safe?

While I value clean energy as much as anyone else, I hope that I am wrong in saying this, but once North Carolina starts to decommission sites, we are going to find out the true cost of solar energy. What are we going to do with all of the toxic waste from these panels? It will not be a burden on the solar farms operators, who will simply abandon the site; it will be a burden on the future generations of North Carolinians. This project received its special use permit before Cleveland County started requiring surety bonds for site decommissioning.

We have got to be more diligent in the regulation of solar sites to protect our beautiful state.

In closing, I would like to thank you for taking the time to read my letter. While we need renewable energy, this proposed site, in my opinion, is not the best site for it to be located. Therefore I file this complaint against Apex Solar, LLC being given a Certificate of Public Convenience and Necessity for this project.

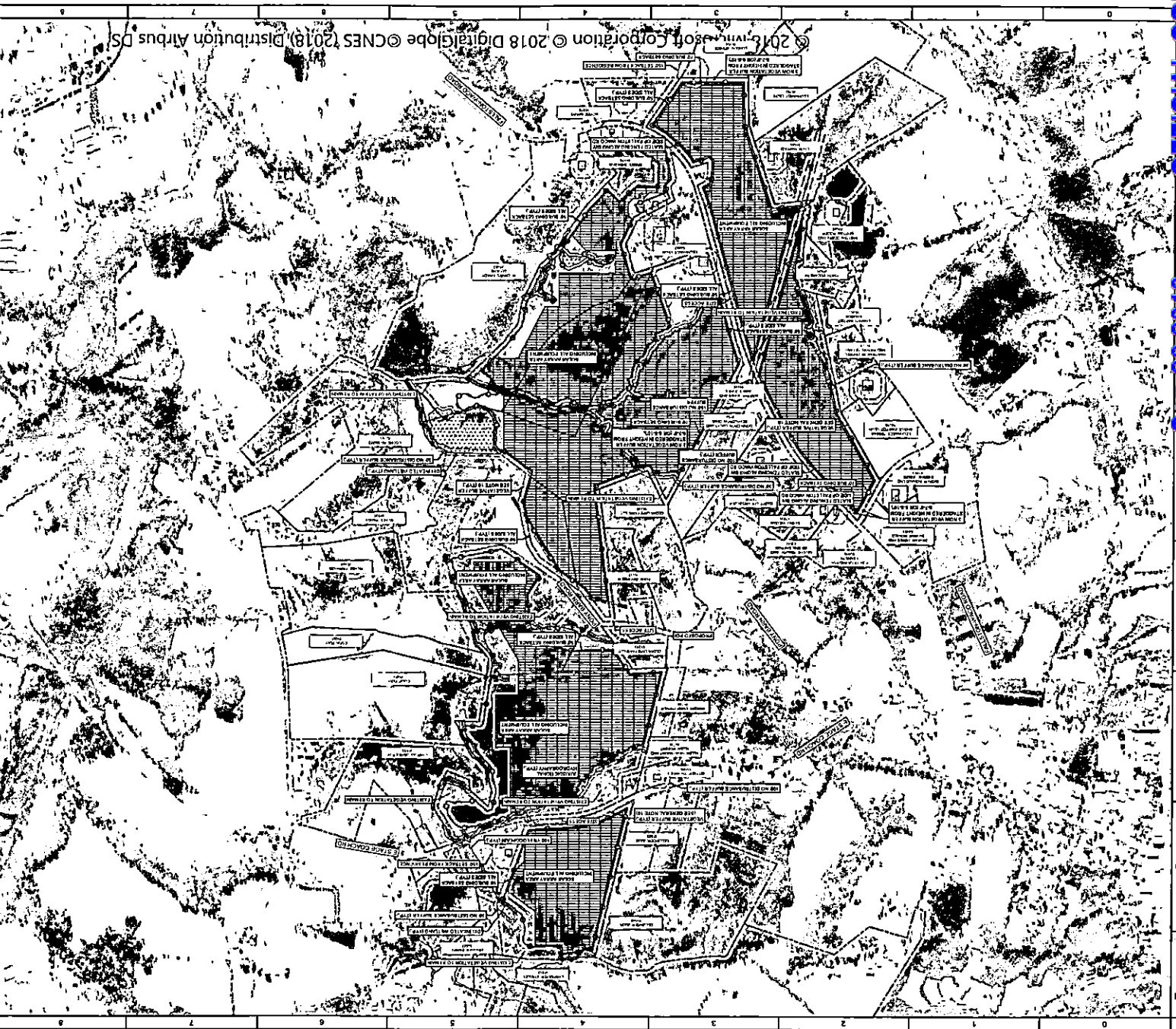
If you have any questions, please feel free to contact me at (828) 244-3555. My mailing address is:

Ronald Ingram
PO Box 726
Fallston NC 28042-0726

Sincerely,



Ronald L. Ingram



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GRAPHIC SCALE 1" = 500'	
NORTH	
LEGEND	
GENERAL NOTES	
SITE DATA	
VICINITY MAP	
CYPRUS CREEK RENEWABLES	

GRAPHIC SCALE
1" = 500'

LEGEND

GENERAL NOTES

SITE DATA

VICINITY MAP

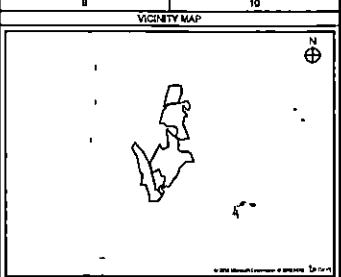
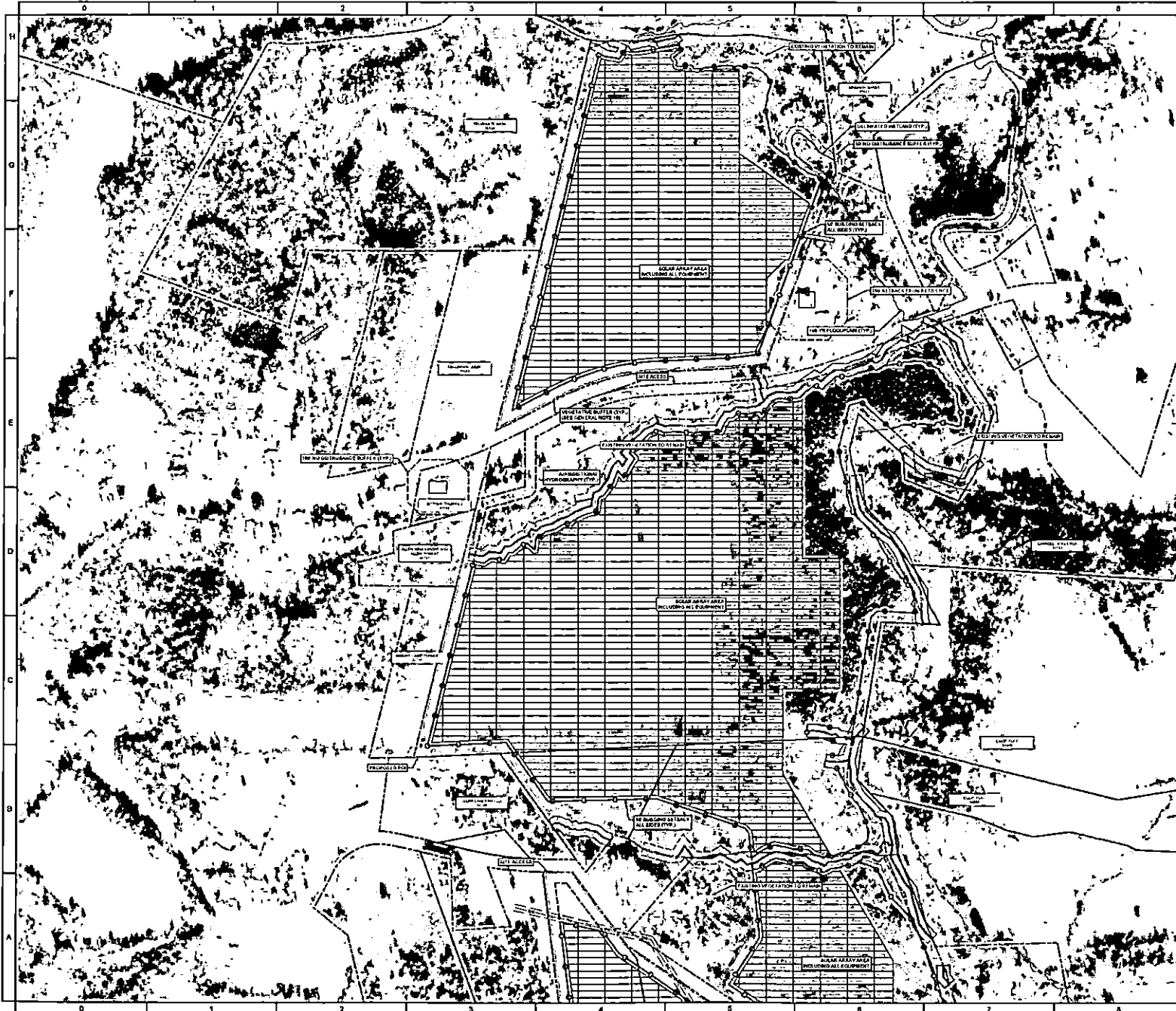
CYPRUS CREEK RENEWABLES

APPEX SOLAR LLC
168 PONY BARN ROAD
LAWDALE, NC 28090

ZONING
SITE PLAN
11-05-18
AIR

SCALE 1" = 500'

CYPRUS CREEK RENEWABLES



SCALE 1" = 5000'

SITE DATA

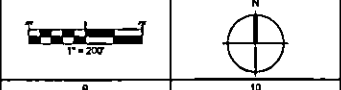
FILE NO.	PROJECT OWNER	FILE NUMBER
18-00000	APEX SOLAR, LLC	18-00000
DATE	PROJECT ADDRESS	PROJECT AREA
06/15/2018	168 PONY BARN ROAD, LAWNSDALE, NC 28090	1.21 AC
OWNER	OWNER ADDRESS	OWNER PHONE
APEX SOLAR, LLC	168 PONY BARN ROAD, LAWNSDALE, NC 28090	704.333.1111
DESIGNER	DESIGNER ADDRESS	DESIGNER PHONE
APEX SOLAR, LLC	168 PONY BARN ROAD, LAWNSDALE, NC 28090	704.333.1111

GENERAL NOTES

- THE PURPOSE OF THIS PLAN IS FOR ZONING APPROVAL FOR REVIEW AND APPROVAL BY CITY OF LAWNSDALE.
- THIS PLAN WAS PRODUCED UTILIZING GIS TECHNOLOGY AND INFORMATION FROM MULTIPLE SOURCES, INCLUDING GEOGRAPHIC INFORMATION SYSTEMS DATA PROVIDED BY USER, AND OTHER WEALTHY SOURCES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DATA.
- A PORTION OF THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON THE FLOOD INSURANCE RATE MAP PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).
- THE LOCATION OF PROPOSED IMPROVEMENTS INCLUDING BUT NOT LIMITED TO FENCING, SOLAR ARRAY FOUNDATIONS, WIRE TOWER FOUNDATIONS, OVERHEAD WIRE LINES, ETC., SHOULD BE APPROXIMATE AND ARE SUBJECT TO MODIFICATION DUE TO SITE CONDITIONS, ADDITIONAL PERMITTING REQUIREMENTS, REGULATORY OPERATIONS, AND/OR OTHER CONSTRAINTS.
- PROJECT AREA INCLUDING CONSTRUCTION EASEMENTS SHALL BE CLEAR OF ALL OBSTACLES AND NECESSARY UTILITIES PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS AND SPACING SHALL BE DELETED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL SCALE AT LEAST TO HOUSE PERMITS TO INCORPORATE CORRECT LOCATION OF EXISTING UTILITIES AND TO PROVIDE FOR THE CORRECT LOCATION OF UTILITIES.
- CONTRACTOR SHALL MAINTAIN ACCESS AND UTILITY SERVICES TO ANY REMAINING BUILDINGS OR ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION AND CONSTRUCTION PHASE. EXISTING UTILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND CONSTRUCTION SHALL BE TO THE SATISFACTION OF THE OWNER BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE DRAINAGE, BARRIERS, WEIRING, LIGHTS, SIGNAGE, AND SAFETY SIGNALS AS WELL AS ANY OTHER CONSTRUCTION REQUIREMENTS SPECIFIC TO THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND SHALL PROVIDE FOR THE CORRECT LOCATION OF UTILITIES.
- THIS TYPE OF FENCING SHALL BE THE PROPERTY OF THE USER AND ADJACENT NEIGHBORHOODS. THE USER SHALL BE RESPONSIBLE FOR THE CORRECT LOCATION OF UTILITIES AND SHALL PROVIDE FOR THE CORRECT LOCATION OF UTILITIES.

LEGEND

EXISTING CONDITIONS	PROPOSED CONDITIONS
ELECTRICAL OVERHEADS	ONE YEAR FLOOD ZONE
PERMANENT STREAM	ONE YEAR FLOOD LINE
TEMPORARY STREAM	SHADING STRUCTURE
ARBITRARY DITCH	EASEMENTS
MAJOR CONTROLS	CONCRETE PAD
MINOR CONTROLS	LINE OF DISTURBANCE
UTILITIES-ARBITRARY	ELECTRICAL OVERHEADS
PERMANENT STREAM	ELECTRICAL UNDERGROUND
ARBITRARY POND	PROJECT AREA
PROPERTY LINES	PROJECT LINE
VEGETATIVE BUFFER	SECURITY FENCE
SHADE BUFFER	SHADE BUFFER
SETBACK	SETBACK



CYPRESS CREEK RENEWABLES

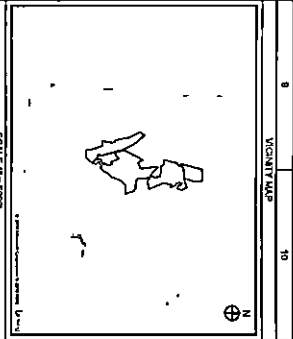
3500 CYPRESS LAKE DR. SUITE 101 LAWNSDALE, NC 28090
 3510 ANTONIO WAY SUITE 200 LAWNSDALE, NC 28090
 704.333.1111

APEX SOLAR, LLC
 168 PONY BARN ROAD
 LAWNSDALE, NC 28090

DATE: 11-06-18
 DRAWN BY: AR
 CHECKED BY: []

ZONING SITE PLAN
 Z 1.1

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 Sep 26 2019



SCALE 1" = 200'

GENERAL NOTES

1. THE PLAN AND SPECIFICATIONS SHALL BE CONSIDERED AS SUPPLEMENTING THE CONTRACT DOCUMENTS AND SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.
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10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.

LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EXISTING CONDUIT
[Symbol]	PROPOSED CONDUIT
[Symbol]	EXISTING ELECTRICAL SERVICE
[Symbol]	PROPOSED ELECTRICAL SERVICE
[Symbol]	EXISTING STRUCTURE
[Symbol]	PROPOSED STRUCTURE
[Symbol]	EXISTING ROAD
[Symbol]	PROPOSED ROAD
[Symbol]	EXISTING UTILITY
[Symbol]	PROPOSED UTILITY
[Symbol]	EXISTING VEGETATION
[Symbol]	PROPOSED VEGETATION
[Symbol]	EXISTING WATER
[Symbol]	PROPOSED WATER
[Symbol]	EXISTING WETLAND
[Symbol]	PROPOSED WETLAND

GRAPHIC SCALE

1" = 200'

GRID

A B C D E F G H

1 2 3 4 5 6 7 8 9 10

COMPILED BY: [Name]

DATE: [Date]

PROJECT: [Project Name]

<p>APEX SOLAR, LLC 168 PONY BARN ROAD LAWDALE, NC 28090</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	DESCRIPTION							<p>CYPRESS CREEK RENEWABLES</p> <p>8250 OCEAN PARK BLVD S SUITE 355 SANTA MONICA, CA 90405 5310 S ALSTON AVE - BLDG 300 - CARRBORO, NC 27513 25 A Smithland Blvd, #1309 Pittsboro, NC 27560</p>
	NO.	DATE	DESCRIPTION								
<p>ZONING SITE PLAN</p> <p>Z 1.3</p>											