

DOCKET NO. <sup>SP</sup> 21936, <sup>0</sup> SUB AND EGL-1 SUB 1

Filing Fee Tendered \$<sup>50</sup>

### Report of Proposed Construction (RPC) – Commission Rule R8-65

Pursuant to G.S. 62-110.1(g), any person who seeks to construct an electric generating facility in North Carolina, and is exempt from the requirement to obtain a certificate of public convenience and necessity, is required to file this form and a notice of completion of the construction of the facility. This form may be accompanied by any exhibits or additional responses incorporated by reference thereto and attached to this form. This form must be accompanied by the required filing fee of \$50.00.

This form may be electronically filed. Please see [www.ncuc.net](http://www.ncuc.net) for instructions.

If this form is filed by hard copy, the original plus 6 copies must be presented at or transmitted to the office of the Chief Clerk. Regardless of the method of delivery, this form is not deemed filed until it is received by the Chief Clerk, along with the required filing fee.

The mailing address is:

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

Exhibits required by Rule R8-65(g)		Applicant's Response
(1)(i)	Full and correct name of the owner of the facility	ST. FRANCIS OF ASSISI CHURCH CLARE HALL
	Facility name	ST. FRANCIS OF ASSISI CLARE HALL
	Business address	11417 LEESVILLE RD, RALEIGH, NC 27617
	E-mail address	ROB.NEPPEL@STFRANCISRALEIGH.ORG
	Telephone number	(919) 847-8205
(ii)	The owner is (check one)	<input checked="" type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation
	If a partnership, the name and business address of each general partner	N/A
	If a corporation, the state and date of incorporation	N/A
	If a partnership, the name and address of each general partner (add additional sheets if necessary)	N/A

	Owner's agent for purposes of this report, if applicable:	JOE W. BENNETT, JR
	Agent's business address	4005 2ND AVENUE S, BIRMINGHAM, AL 35222
	Agent's e-mail address	JBENNETT@EAGLESOLARANDLIGHT.COM
	Agent's telephone number	(205) 202-2208
(iii)	The full and correct name of the site owner and, if the site owner is other than the applicant, the applicant's legal interest in the site	ST. FRANCIS OF ASSISI CHURCH CLARE HALL
(2)(i)	Attach a color map or aerial photo showing the location of the generating facility site in relation to local highways, streets, rivers, streams, and other generally known local landmarks with the proposed location of major equipment indicated on the map or photo, including: the generator, fuel handling equipment, plant distribution system, startup equipment, the site boundary, planned and existing pipelines, planned and existing roads, planned and existing water supplies, and planned and existing electric facilities. A U.S. Geological Survey map or an aerial photo map prepared via the State's geographic information system (found at <a href="http://www.gis.ncdcr.gov/hpweb/">www.gis.ncdcr.gov/hpweb/</a> ) is preferred.	
(ii)	E911 street address of the proposed facility	11417 LEESVILLE RD, RALEIGH, NC 27617
	County in which the proposed facility will be physically located	WAKE
	GPS coordinates of the approximate center of the proposed facility site to the nearest second or one thousandth of a degree	35.919, -78.739
(3)(i)	The nature of the facility, including its technology, and the source of its power and fuel(s)	RENEWABLE ENERGY FACILITY, SOLAR PV, GRID TIED WITH DUKE ENERGY
(ii)	A description of the buildings, structures and equipment comprising the generating facility and the manner of its operation	ROOF TOP RAIL-RACKED SOLAR PV ARRAY, GRID TIED WITH DUKE ENERGY
(iii)	The gross and net projected maximum dependable capacity of the facility in megawatts – Alternating Current	0.084 MW (84 kW)

	The facility's nameplate capacity in megawatts – Alternating Current	0.084 MW (84 kW)
(iv)	The projected date on which the facility will come on line	05/31/2020
(v)	The applicant's general plan for sale of the electricity to be generated, including the name of utility to which the applicant plans to sell the electricity	SUPPLY ENERGY FOR UTILITY CUSTOMER, NET METERING OF EXCESS PRODUCTION, DUKE ENERGY
(vi)	Any provisions for wheeling of the electricity, if applicable	N/A
(vii)	Arrangements for firm, non-firm, or emergency generation, if applicable	N/A
(viii)	The service life of the project	25 YEARS
(ix)	The projected annual sales in kilowatt-hours	N/A
(x)	Whether the applicant intends to produce renewable energy certificates that are eligible for compliance with the State's renewable energy and energy efficiency portfolio standard  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
(4)	The expected cost of the proposed facility	\$  LEASED SYSTEM

### Confidentiality

If an applicant considers certain of the required information above to be confidential and entitled to protection from public disclosure, it may designate said information as confidential and file it under seal. Documents marked as confidential will be treated pursuant to applicable Commission rules, procedures, and orders dealing with filings made under seal and with nondisclosure agreements.

All reports shall be signed and verified (notarized) by the applicant or by an individual duly authorized to act on behalf of the applicant for the purpose of the report. A blank verification page is attached below:



**VERIFICATION**

STATE OF ALABAMA COUNTY OF JEFFERSON

Joe W. Bennett, Jr. PRESIDENT  
Signature of Owner's Representative or Agent Title of Representative or Agent

JOE W. BENNETT, JR.  
Typed or Printed Name of Representative or Agent

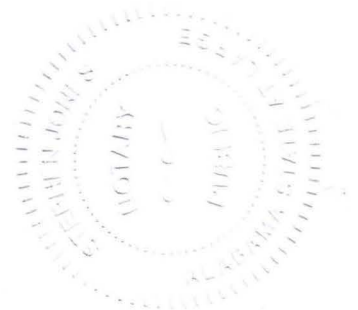
The above named person personally appeared before me this day and, being first duly sworn, says that the facts stated in the foregoing report and any exhibits, documents, and statements thereto attached are true as he or she believes.

WITNESS my hand and notarial seal, this 5<sup>th</sup> day of February, 2020

My Commission Expires: Nov. 12, 2020

Stephen Jones  
Signature of Notary Public

Stephen Jones  
Name of Notary Public – Typed or Printed



This original verification must be affixed to the original report, and a copy of this verification must be affixed to each of the copies that are also submitted to the Commission.



LEGEND



PROPERTY BOUNDARY



GPS MARKER



AREA OF WORK

84 kWp AC / 176.1 kWp DC PV SYSTEM

PV ARRAY (ROOFTOP RAIL-TRACKED ARRAY)  
NUMBER OF PV MODULES: 216 (76700 Watts)  
PEAK POWER: 84000 Wp AC  
DC/AC RATIO: 0.913  
MODULE TILT: 21 Degrees  
MODULE ORIENTATION: 276 and 98 Degrees  
ARRAY AREA: 4662.3 square feet

LAND INFORMATION

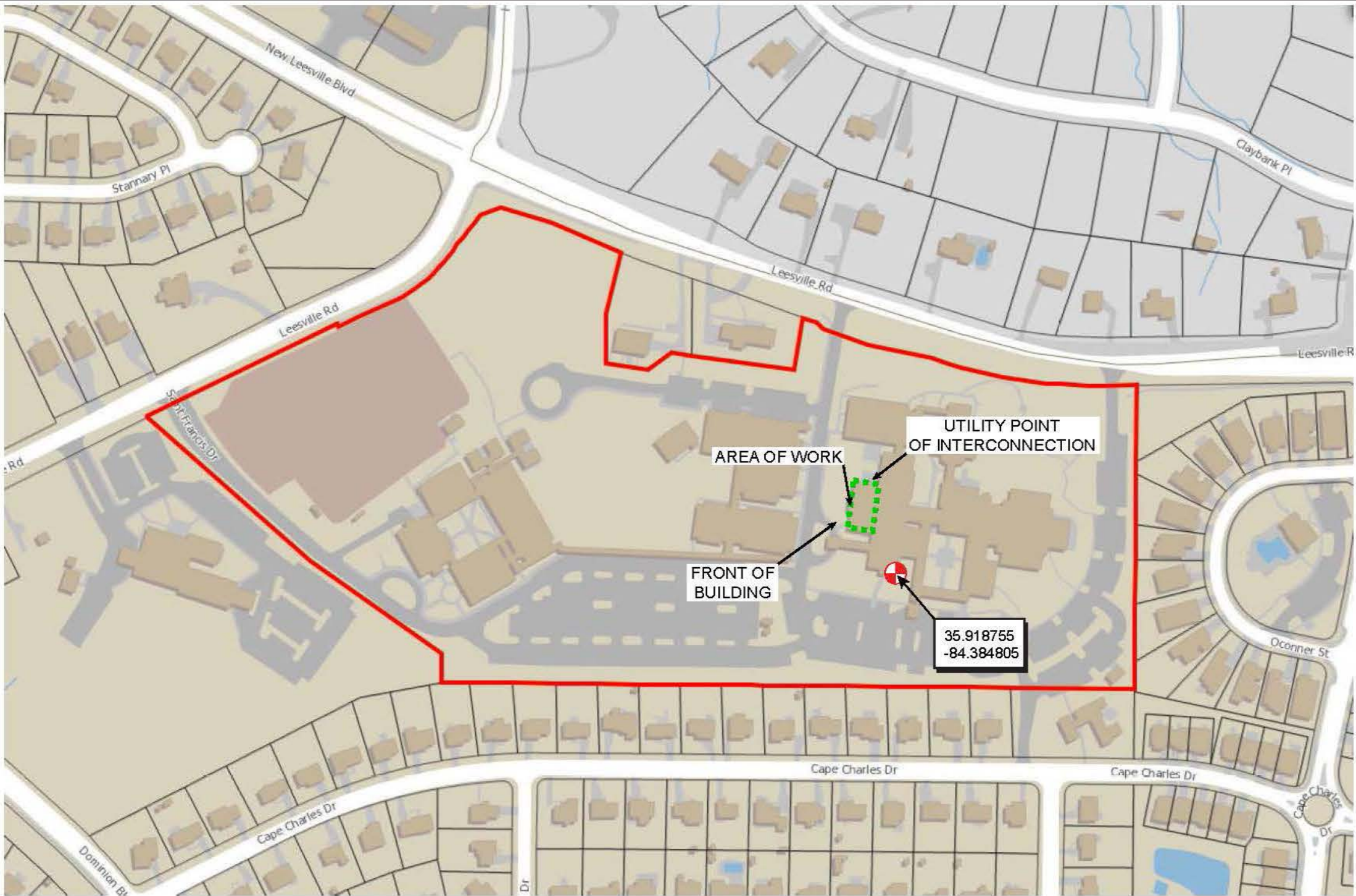
PROPERTY ID (PIN): 0778790465  
PROPERTY OWNER: ROMAN CATHOLIC DIOCESE  
ZONING: RA (RALEIGH)  
TOWNSHIP: LEESVILLE  
NEIGHBORHOOD: N/A  
PARCEL AREA: 26.25 AC  
FLOOD ZONE: N/A

PROJECT OWNER

ST. FRANCIS OF ASSISI CHURCH CLARE HALL CLARE HALL  
ROB NEPPEL  
11417 LEESVILLE ROAD  
RALEIGH, NC 27617

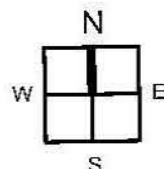
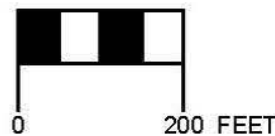
SITE LOCATION

35.918755 N  
-78.739525 W



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SITE PLAN



EAGLE SOLAR  
& LIGHT

Eagle Solar and Light, LLC  
4005 2nd Ave South  
Birmingham, AL 35222  
205-202-2208

www.eaglesolarandlight.com

ALABAMA GENERAL CONTRACTOR  
LICENSE NO. 51689  
NORTH CAROLINA GEN. CONTRACTOR  
LICENSE NO. 79280  
GEORGIA GENERAL CONTRACTOR  
LICENSE NO. GCQA006143

UNAUTHORIZED USE OF THIS  
DRAWING SET WITHOUT WRITTEN  
PERMISSION FROM CONTRACTOR  
IS IN VIOLATION OF U.S. COPYRIGHT  
LAWS AND WILL BE SUBJECT TO  
CIVIL DAMAGES AND  
PROSECUTIONS.

76.68 KWP DC PV SYSTEM  
ST. FRANCIS OF ASSISI  
CHURCH CLARE HALL  
11417 LEESVILLE ROAD  
RALEIGH, NC 27617

DESIGNER OF RECORD



NORTH AMERICAN BOARD OF  
CERTIFIED ENERGY PRACTITIONERS  
CERT NO. PV-102117-016491  
JOE W. BENNETT, JR.

PAPER SIZE 11" X 17" (ANSI B)

SITE PLAN

DATE: 02-05-20

DESIGN BY: JOE W BENNETT JR

CHECKED BY: CB

REVISIONS

A-101.00  
(SHEET 3)

OFFICIAL COPY

Feb 05 2020