

EXHIBIT 2(i) to CPCN AND
REGISTRATION STATEMENT EXHIBIT TO ITEM 8 UNDER NATURE OF REF
SP-12717 SUB 4

FAYETTEVILLE , NORTH CAROLINA 28311

35.148967, -78.860391

A map of Fayetteville, North Carolina, and its surrounding area. The city of Fayetteville is centrally located, with a red pin marking the Fayetteville Police Department. Major highways shown include I-95, I-401, I-295, and US-421. Surrounding towns and areas include Pineview, Johnsonville, Anderson Creek, Linden, Godwin, Falcon, Mingo, Clement, Eastover, Vander, Judson, Stedman, Cedar Creek, Hope Mills, Rockfish, Fenix, Overhills, Spring Lake, Pope Field, Fort Liberty, Barbecue, Bunnlevel, Erwin, Dunn, Plain View, Wade, and Dundarrach. The map also shows various smaller roads and geographical features like Anderson Creek.

ENGINEER
ROBERT MOTTE, PE
BOOTH & ASSOCIATES, LLC
2300 REXWOODS DRIVE, SUITE 300
RALEIGH, NC 27612
919-851-8770

SYSTEM SUMMARY	
MODULE	(12096) SRP 550 BMA-BG 182
INVERTER	(39) SUNNY HIGHPOWER PEAK3 125-US
TRANSFORMER	(2) 2500 kVA 12.47 kV GRD-WYE TO 480 V GRD-WYE, 5.75% Iz
RACKING	FIXED TILT ZUP PORTRAIT
AZIMUTH	180°
MAX ROTATION ANGLE OR TILT (°)	21°
GROUND COVERAGE RATIO (%)	50%
CLEAR ROW SPACING	14'
TOTAL STRINGS (26 MODS/STR)	448
DC CAPACITY	6,652.80 KW
AC CAPACITY	4,875.00 KW
LOADING RATIO DC/AC (%)	136%
INTERCONNECTION UTILITY	PWC FAYETTEVILLE
SITE COORDINATES	35.148967, -78.860391

DRAWING INDEX:

DWG NO.	TITLE	REV NO
EP-001	TITLE SHEET	A
EP-100	UTILITIES SINGLE LINE DIAGRAM	A
EP-101	SOLAR SINGLE LINE DIAGRAM	A
EP-110	ELECTRICAL SITE PLAN	A

A map of Carvers Falls Rd. The road is shown as a grey line with a yellow center. A red location pin is placed on the left side of the road. The road is labeled "Carvers Falls Rd" in two places. A small box with the number "1713" is on the road. A north arrow is in the top right corner. A golf range and pro shop are indicated in the bottom right corner.

An aerial photograph of a rural area. A road, labeled 'Carvers Falls Rd' in three locations, runs diagonally from the top left towards the bottom right. A white road sign with the number '1713' is visible on the road. A large, dense green forested area occupies the lower half of the image. A red location pin is placed within this forested area. To the left of the forest, there is a cleared, brownish field with some structures. In the top right corner, there is a compass rose and a small green icon of a person walking. The text 'Carvers Falls Rd' is written in white on the road surface in three different orientations. The number '1713' is on a white rectangular sign. The number '2804' is on a small white sign on the right side of the road.



Booth & Associates
2300 Rexwoods Drive, Suite 300, Raleigh, NC 27607
NC F-0271

PRELIMINARY -
DO NOT USE FOR
CONSTRUCTION

© 01/2024

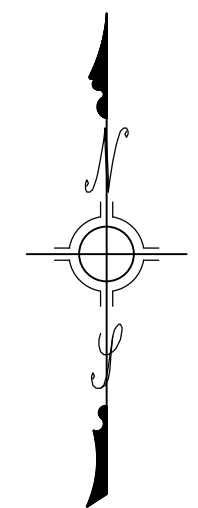
NO.	ISSUED FOR REVIEW – 30%	REVISIONS	ENG. DATE
A			02/20/2024

PROJECT NAME: CARVER'S FALLS SOLAR UTILITY STATION

TITLE SHEET

DRAWN BY:	ALH
CHECKED BY:	MJ
APPROVED BY:	RDM
DATE:	01/02/2024
SCALE:	NONE
FILE NUMBER:	12550
SHEET:	

EP-001



SYSTEM DESCRIPTION	
MODULE	(12096) SRP 550 BMA-BG 182
TRANSFORMER	(2) 2500 kVA 12.47 kV GRD-WYE TO 480 V GRD-WYE, 5.75% Iz
INVERTER	(39) SUNNY HIGHPOWER PEAK 3 125-US
RACKING	FIXED TILT 2UP PORTRAIT
GCR	50%
CLEAR ROW SPACING	14'
QTY STRINGS	448
MODULES PER STRING	27
DC CAPACITY	6,652.8 KW
AC CAPACITY	4,875 KW
LOAD RATIO	136.47%
INTERCONNECTION UTILITY	PWC FAYETTEVILLE
LAYDOWN ACREAGE	1.20 ACRES
FENCE ACREAGE	21.6 ACRES

THE LOCATION INFORMATION PROVIDED ON THIS DRAWING WERE DERIVED FROM THE APPARENT INFORMATION FOUND IN AN AUTOCAD DRAWING PROVIDED BY OTHERS. THESE LOCATIONS ARE INCLUDED ON THIS DRAWING AND ARE NOT THE RESULT OF A CERTIFIED SURVEY BY BOOTH. BY PROVIDING THE LOCATIONS, BOOTH MAKES NO CERTIFICATION ABOUT THE COORDINATE BASE UPON WHICH THEY ARE DERIVED; WHETHER STATE PLANE GRID OR PROJECT SITE SPECIFIC. IT IS THE RESPONSIBILITY OF USERS OF THIS DRAWING TO PROPERLY LOCATE AT THE PROJECT SITE THOSE ELEMENTS SHOWN WITH COORDINATES HEREON.

