



TOWN OF HENRIETTA
County of Monroe
State of New York

475 Calkins Road, Rochester, NY 14623
(585) 334-7700 • www.henrietta.org

TOWN OF HENRIETTA
APPLICATION TO TOWN BOARD
- SPECIAL USE PERMIT -

Appeal No. SP-2022-012

Date 3/25/22

Applicant: 3rd Roc Solar LLC.
Name Email
101 Sully's Trail ste 20 Pittsford New York 14534
No. & Street City State Zip Code Phone Number

Business Owner: N/A
Name Email
No. & Street City State Zip Code Phone Number

Business Name: Same

Business Address: Same

Property Owner: Brian Carbone
Name Email
362 Chelsea Meadows Dr W. Henrietta NY 14586
No. & Street City State Zip Code Phone Number

Architect/Engineer:
Name Email
No. & Street City State Zip Code Phone Number

Hereby request from the Town Board for a Special Use Permit for the property located at:

362 Chelsea Meadows Dr. W. Henrietta New York 14586
No. & Street City State Zip Code
175.03-2-52 Tax Map No. R-1-15 Zoning District

If property is under a purchase option, indicate date option expires: _____

Under the Zoning Ordinance, a Special Permit is requested pursuant to:

Article: V Section: 29.5 Subsection: 7 Paragraph: A(14) of the Zoning Ordinance.

Description of Proposal: 11.34 KW Solar ground unit with micro-inverters. 6725sf.

Multiple Dwelling Applications – Dwelling Units per Acre: _____

Does this exceed allowed amount per Henrietta Code §295-13[E](1)(b) Yes No

Printed Name: Brian Carbone / Cait Purcell Signature: see agent letter / Cait Purcell
J. Fried 4/27/22 TBD
Received By Date of Meeting* Time
(unless rescheduled)

*A meeting date will be assigned when applications are turned in but if the application is deemed incomplete, it will not be scheduled and the Applicant will be notified.



Letter of Intent

Brian Carbone

362 Chelsea Meadows Dr

Solar Ground Unit

To whom it may concern,

We are looking to install a 11.34 kW size solar system in the back yard in adherence to code setbacks from property line going 75' down from the North line, 30' in from the West line and 50' in from the East line.

The array is 14'x48' with 28 panels. The energy produced coming from the array into the house is an AC current.

We will be running underground wire into the basement of the homeowner all done to code with a trenching system that would run all electric (AC current) with the depth of the wire being around 24" inches deep.

We will be using ground screws that are 82" in length that go 6 feet into the ground with 3" galvanized pipe for the structure.

Will be attaching the rail system to the structure which the panels will be attached to with the microinverters connected underneath the panels.

Total construction time will be about 3 days and once the system is installed there will be an estimated 2-week period before interconnection.

All construction of the project would take place during business hours from 7am and no later than 5pm Monday through Friday.

Sincerely,

Stephen Reed

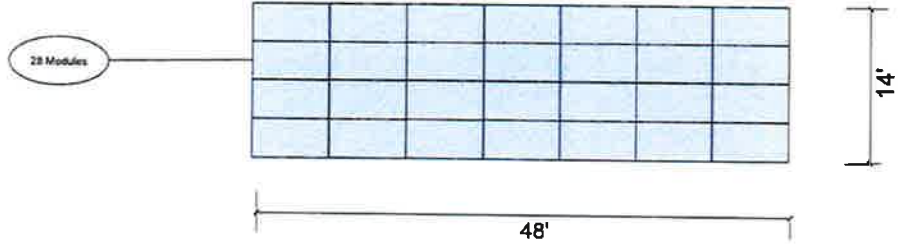
A handwritten signature in black ink, appearing to read "Stephen Reed", followed by a circular stamp or mark.

Director of Sales and Operations

3rd Roc Solar LLC

101 Sully's Trail STE 20 Pittsford NY, 14534

585-218-0631



Legend:

- Property Boundary
- M Service Meter
- MSP Main Service Panel
- BOS Balance of System
- Trench Trench

Customer Name Carbone		11.3 kW	
Customer Address 362 Chelsea Meadows Dr			
City, St, Zip West Henrietta, NY 14586			
Placement of Pa	Ground		
180	Azimuth:		
7/12 (30°)	Pitch:		
Module Type	Q Cell 405 W		
2015	Width (mm)	1000	Module Orientation: Landscape
28	Weight (lbs) Each	51	Column Spacing: 1/4 in
11.3	Wattage	405	Row Spacing: 1/4 in

PV SYSTEM DETAILS

- SYSTEM SIZE: 11.34 kW-DC
- MODULE: Q CELL, 405W, UL1703, 28 UNITS
- INVERTER: AP SYSTEMS, QS1, 1.2 kW, UL1741, 7 UNITS
- AC DISCONNECT: 240V, 60A FUSED DISCONNECT, SERVICE RATED 50A FUSES

CONDUCTOR SCHEDULE

ITEM NO.	TYPE	SIZE
1	GRND	THWN-2/THHN #10AWG, CU
1	THWN-2/THHN	#10AWG, CU
2	THWN-2/THHN	#4AWG, CU
3	THWN-2/THHN	#6AWG, CU
4	BARE COPPER	#6AWG, CU



Title:
Carbone 3-Line Diagram

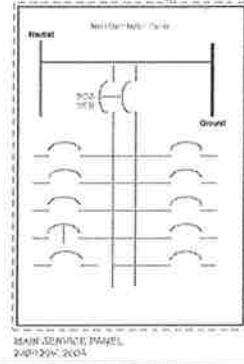
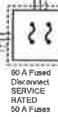
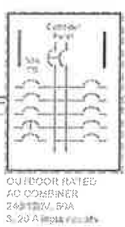
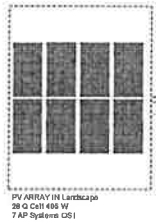
Prepared For:
Carbone

Project Site:
362 Chelsea Meadows
Dr,
West Henrietta, NY
14586

KEY:

- Positive Conductor-DC
- Negative Conductor-DC
- Line 2-AC
- Line 3-AC
- Neutral
- - - Equipment Grounding Conductor
- - - Grounding Electrode Conductor
- - - Existing Equipment to Existing New Equipment: In Black

INSTALLATION PRACTICES:
• ALL LABELING WILL BE IN ACCORDANCE WITH NEC690



Rev. #	Remarks	Date
0	Initial Design	2/20/23
1		
2		
3		

Drawn by: GSP
Drawing Number: 1.0