

BURNELL ▲ JOHNSON
ARCHITECTS

80 Stark Street
Manchester, NH 03101
Phone (603) 625-5098

Stephen W. Burnell, AIA
David P. Johnson

March 14, 2019

Mr. Steven Lewis
11 Main Street
Atkinson, NH 03811

Re: Sanborn Crossing

Dear Mr. Lewis:

Re: Energy Efficiency

Dear Sirs:

Sanborn Crossing is designed to receive NGBS Gold Certification. The National Green Building Standard" Gold Certification goes well beyond saying a building is energy efficient; is a standard that an apartment building is designed and built to achieve high performance in six key areas: Site Design, Resource Efficiency, Water Efficiency, Energy Efficiency, Indoor Environmental Quality, and Building Operation & Maintenance. A new green multifamily building can be awarded a Bronze, Silver, Gold, or Emerald certification level, depending on the number of green practices successfully incorporated in its design and construction.

Additionally, we will achieve a HERS Score between 50 and 55, meaning the building is 45% to 50% more energy efficient than the Department of Energy's model modern home. Such a HERS score will entitle the project to receive EnergyStar Homes 3.1 Certification.

The following measures are planned for the above referenced project:

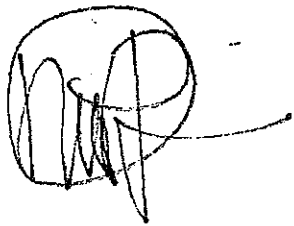
- The buildings thermal envelope will exceed the requirements of ICC 2009 International Energy Conservation Code.

<u>Code Requirement</u>	<u>Provided</u>
Wood Frame Walls – R-20	R-21 Blown- In Blanket plus R-9 continuous exterior insulation
Foundation Perimeter - R-10	R-15
Ceiling – R-38	R-49 Continuous above roof

- All windows will be low-e argon filled glass with a U-Value of 0.27 or better and be EnergyStar rated.
- Apartment space heating and cooling will be provided by high efficiency condensing furnaces with an efficiency of greater than or equal to 93%.
- Common space heating and cooling will be provided by high efficiency condensing furnaces with an efficiency of greater than or equal to 93%. Supplemental heat is not required.
- In order to provide healthy indoor air quality whole house ventilation is provided by an energy/heat recovery ventilator sized to provide 0.35 air changes per hour. The kitchens will be provided with separate EnergyStar labeled fans.
- A 60 KW photovoltaic generation system is included in the project.
- All appliances with an available EnergyStar label will be utilized.
- EnergyStar LED lighting fixtures will be specified.
- Water conserving fixtures are to be utilized in all bathroom, kitchen and lavatory locations. This will reduce the load of the gas fired domestic hot water heaters. The heaters have a thermal efficiency of up to 98%.

<u>Fixture</u>	<u>Flow Less Than</u>
Toilet	1.27 gal/min
Showerhead	1.5 gal/min
Lav/Bath Faucets	1.0 gal/min
Kitchen Faucets	1.5 gal/min

Respectfully submitted,



David P. Johnson
Architect

DPJ/jm

Benchmark
34 Thomas Drive
Westbrook, ME 04092
Ph : (207)591-7600
Fax: (207)591-7604
srush@benchmarkconstruction.org

Subcontract Agreement

Subcontractor:
ReVision Energy Inc
7 Commercial Drive
Brentwood, NH 03833

Subcontract #: 6824
Date: 3/18/2019
Title: 1883 - Revision Energy
Project: 10-18-1883 Sanborn Crossing
Project Address: 30 Sanborn Rd
Londonderry, NH

Contact:
T: (866)700-6065
F:

Architect:
Burnell-Johnson Architects
80 Stark Street
Manchester NH 03101

Owner:
Sanborn Crossing Apartments LP
11 Main Street
Amherst NH 03811

Performance Bond Requirements:
Required: No

Payment Bond Requirements:
Required: No

Retainage Requirements:
Percent: 10 %

Tax Status:
Exempt: Yes

Compensation to Be Paid Subcontractor:
\$305,660.00 three hundred five thousand six hundred sixty and xx / 100

Scope of Work:
Supply all material labor and equipment to install solar panels and associated work to tie into existing meters on building #1 & building #2 per quotes:

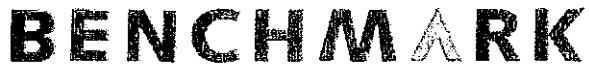
Building # 2 proposal dated 3/6/19
Building #1 proposal dated 3/14/19

Attachments Incorporated Herein:
Benchmark's Standard Terms and Conditions
Exhibit A - Subcontractors/Suppliers
Exhibit B - Insurance Requirements
Exhibit C - Safety Requirements

Exclusions:

Accounting: For Internal Use Only

10-18-1883	1.756	S Solar Panel	\$305,660.00
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Benchmark
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Subcontract Agreement Continuation Sheet


Subcontractor:
ReVision Energy Inc

Subcontract #: 6824
Date: 3/18/2019
Project: 10-18-1883 Sanborn Crossing

Benchmark


Signed by: _____ Date: 3/21/19

ReVision Energy Inc.


Signed by: Fortunat Mueller Date: 03/20/2019