

Wolfeboro Public Library Solar PV

Site Visit

3/15/23

Project Timeline

- Proposals due Monday, March 20
- Select solar provider early April
- Grant proposals due Mid-April
- Grant decisions June-July
- If it needs to go to the voters, Warrant Article submitted fall 2023 and vote March 2024

Energy Use

2021	Cost	kWh
01-2021	\$ 1,978	14,040
02-2021	\$ 1,944	13,800
03-2021	\$ 1,618	11,480
04-2021	\$ 1,295	9,640
05-2021	\$ 761	5,640
06-2021	\$ 670	4,960
07-2021	\$ 860	6,080
08-2021	\$ 709	5,000
09-2021	\$ 860	6,080
10-2021	\$ 636	4,480
11-2021	\$ 883	6,240
12-2021	\$ 1,753	12,440
TOTAL	\$ 13,967	99,880

2022	Cost	kWh
01-2022	\$ 1,905	13,520
02-2022	\$ 1,899	13,480
03-2022	\$ 1,911	14,760
04-2022	\$ 1,106	8,520
05-2022	\$ 791	6,080
06-2022	\$ 759	5,360
07-2022	\$ 613	4,320
08-2022	\$ 731	5,160
09-2022	\$ 450	3,160
10-2022	\$ 636	4,480
11-2022	\$ 1,046	7,400
12-2022	\$ 1,203	8,520
TOTAL	\$ 13,050	94,760

Future: EV Chargers, generator, energy storage

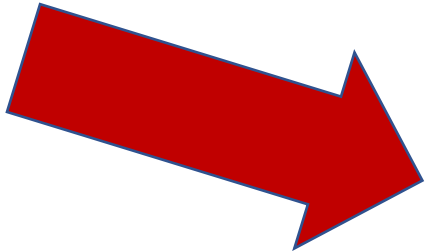
EFFECTIVE: JANUARY 1, 2019

Business Office: 84 South Main Street PO Box 777 Wolfeboro, NH 03894-0777

Office Hours: Monday – Friday 8 a.m. – 4 p.m.

Telephone: (603) 569-8150, 8183, 8158 Fax: (603) 569-8167

<u>Service Classification</u>	<u>Rate Charges</u>	
*DA - Domestic Service (Residential)		
Monthly Customer Charge	\$ 5.55	
Distribution Charge	\$0.0352 kWh	
Generation Charge	\$0.1024 kWh	= \$ 0.1376/kWh
*OP - Off Peak Water Heating (2 nd meter)		
Monthly Customer Charge	\$ 0.00	
Distribution Charge	\$0.0352 kWh	
Generation Charge	\$0.1024 kWh	= \$0.1376/kWh
* G - General Service (Commercial)		
Monthly Customer Charge	\$ 6.66	
Distribution Charge	\$0.0380 kWh	
Generation Charge	\$0.1024 kWh	= \$0.1404/kWh
*GP General Service Demand (Large Commercial)		
Monthly Customer Charge	\$ 23.31	
Distribution Charge	\$0.0125 kWh	
Generation Charge	\$0.1024 kWh	
Distribution Demand Charge	\$ 6.66 kW	= \$0.1149/kWh + Demand
YL - Outdoor Lighting	Varied prices	



Wolfeboro Net Metering Policy

The maximum installed capacity (AC nameplate rating) of the installed generation equipment shall not exceed 100kW in size and/or 90% of the Customer's historical peak electrical demand over the 12-month period prior to interconnection.

Wolfeboro 2019 Ten Year Master Plan Goals

Goal: Reduce overall town government energy use by 40% from 2019-2029. This goal is principally an energy conservation and efficiency goal. The 2012 Community Energy plan should be a resource for specific recommendations in addition to new initiatives for building efficiency projects and transportation fuel savings through purchases of more energy efficient vehicles.

Goal: Upgrade and build energy efficient buildings that are constructed to the highest available energy efficiency standards. This is applicable to all buildings in Wolfeboro.

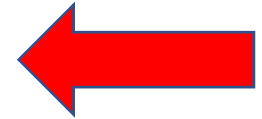
Goal: Develop a 10 year strategy for the MED to keep current with new technology and changes in energy demand and supply, as well as to encourage the adoption of local renewable energy generation.

Goal: Achieve a town-wide goal of 50% renewable sources of electricity by 2029 and work toward a goal of 100% renewable sources for all energy.

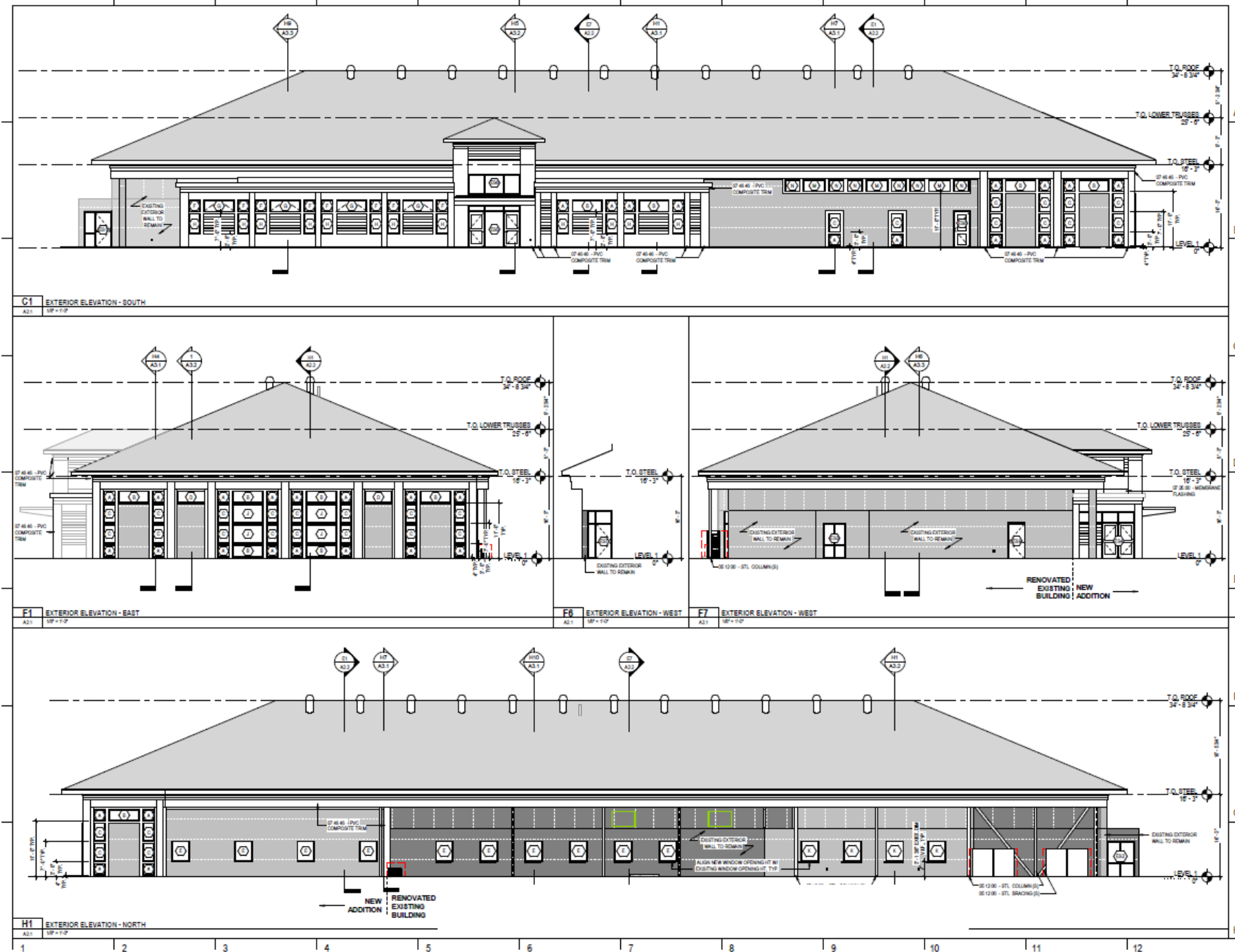
Goal: Promote land use development and re-development policies that encourage energy efficiency and conservation.

Goal: Encourage the reduction of transportation energy and promotion of more energy efficient travel in the community.

Goal: Provide educational opportunities for residents, businesses and town officials and employees to learn about cost savings and environmental benefits to be realized by reducing energy use and achieving the goals outlined in this chapter of the Master Plan.



Exterior Elevations



**LAVALLEE
BRENSINGER**
ARCHITECTS

Boston | Manchester | Portland
155 Dow Street, Suite 400, Manchester, NH 03101
(603) 822-5450

TOWN OF WOLFEBORO
WOLFEBORO PUBLIC LIBRARY
259 SOUTH MAIN STREET,
WOLFEBORO, NH, 03894

NO.	DESCRIPTION	DATE

CONTENT	
EXTERIOR ELEVATIONS	
DESIGN BY	EL
PROJECT NO.	15-055-00
DATE	06/2019
REVISION	
SCALE	1/8" = 1'-0"
A2.1	
Project Phase	
DESIGN DEVELOPMENT	
<small>COPYRIGHT 2019 BY LAVALLEE BRENSINGER ARCHITECTS. ALL RIGHTS RESERVED. NO REPRODUCTION WITHOUT PERMISSION.</small>	

