



Project Meeting Agenda
2024046 – Warren Town Highway Garage

Attendees:

| Initials | Company | Name | Email |
|----------|---------------------|----------------------|------------------------|
| RC | Town Administrator | Rebecca Campbell | rcampbell@warrenvt.org |
| JS | Planning Commission | Jim Sanford | jim@sanfordstrauss.com |
| AB | Road Foreman | Andrew Bombard | roads@warrenvt.org |
| CB | Selectboard | Camilla Behn | ccbehn@gmatv.com |
| DKC | Selectboard | Devin Klein Corrigan | devinklein@gmail.com |
| SR | WLA | Steve Roy | sroy@wla-vt.com |
| JL | WLA | John Lamothe | jlamothe@wla-vt.com |
| DH | VHB | Dan Heil | dheil@vhb.com |
| CC | CES | Curtis Chase | cchase@ceseng.com |
| BP | CES | Brad Park | bpark@ceseng.com |

Project Meeting #2

10-30-2024 | 11:00am | via Zoom

| Item: | Status: | Category: | Description: | Assigned: |
|-------|---------|------------------|---|-----------|
| 2.01 | open | Fieldwork | 10-30-2024: Natural Resource delineation occurring this week. Existing conditions survey next week. Utilizing preliminary data, the existing driveway is greater than 13% slope. VHB suggests max grading should be 10% slope. Driveway options will be studied, but it will require over 700' of driveway. | |
| 2.02 | open | Driveway slopes | Utilizing preliminary data, the existing driveway is greater than 13% slope. VHB suggests max grading should be 10% slope. Driveway options will be studied, but it will require over 700' of driveway. Site constraints will be understood after natural resource delineation. | |
| 2.03 | open | Vehicle washdown | Up to 5 vehicles per day may be washed. Pressure washer uses 2-3 gpm. VHB says possible storage tank from well could be used. Washing on the front apron is desirable in good weather conditions. Cold water only for truck washing is acceptable. | |
| 2.04 | open | MEP design | Members of CES reviewed four options for mechanical system types as well as their pros and cons. <ol style="list-style-type: none"> 1. Air to water heat pump 2. Geothermal heat pump 3. Pellet boilers 4. Air source heat pump | |



Air to water heat pump has some benefits over the other systems. Newer products coming online that can work to lower temperatures. (down to -30)

Moisture/humidity control:

Code required exhaust will be included. HVLS (High Velocity Low Speed) fans will also be included to move air.

Generator:

Emergency generator is desired. Simpler to back up the entire building than divide circuits. Generator would include a diesel belly tank as fuel source. Diesel generators are less expensive to purchase than other fuels

Solar PV:

Provide as much roof area as possible for PV
Consider wall mounted batteries?

EV charging – code required. Will further define.

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|------|------|-----------------|---|
| 2.05 | open | Building design | <p>Reviewed preliminary thoughts on building location and site access. 3 basic options reviewed. Some discussion led to developing an alternate on the screen with the building on the west side of the lot and the roadway entering from the east.</p> <ul style="list-style-type: none">- Double vehicle stacking should be avoided.- Washbay should be hard-walled space, not curtain- Tire storage can be in conex box outside- Bulk oil storage- 300 gallon tote of Diesel Exhaust Fluid (exterior)- 55 gallon anti-freeze- 55 gallon hydraulic fluid- 55 gallon motor oil- Service/oil change bay convenient to tools, compressed air and oil room. |
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Next Meeting: TBD
