

DPW

Kenneth Comia

From: Matthew Desjardin
Sent: Monday, December 31, 2018 11:01 AM
To: Kenneth Comia
Cc: Heather Blakeley
Subject: RE: Agenda: Planning Board Meeting - January 2, 2019 at 6:30 PM, G.A.R. Hall

Good morning Ken,

The DPW offers the following comments regarding Clean Energy Collective's filing for Clemence Hill Road (note that some of these items were also mentioned in GCG's peer review):

- Erosion and Sedimentation Controls shown are not adequate. Considering the steep grade of the site and its proximity to wetlands, I recommend silt fence with hay bale backup along the entire eastern border of the site at a minimum. A temporary detention basin or settlement tanks may be required at the northeast corner of the site to treat runoff before it is released from site. Conditions will be monitored before, during, and after construction (until final stabilization) and the contractor will be required to remediate any sedimentation of downstream drainage infrastructure and wetlands caused by this project.
- Applicant proposes 2x 4" ductile iron pipes under their two driveways. As these culverts have 25% of the capacity of the adjacent 12" RCP culverts, we agree with GCG that culvert capacity analysis should be provided to justify the proposed culvert sizes. Because the 4" pipes will tend to clog much quicker than the adjacent 12" culverts and will be more challenging to clean, we request that the culverts be upsized as much as possible, up to 12", as the grades & cover requirements will allow.
- As required by the DPW's driveway regulations, the permanent driveways should be no wider than 24 feet unless the need for a wider driveway can be demonstrated. If a wider driveway is required for material delivery during construction only, the temporary entrance should be removed at the end of construction so that the permanent driveway meets regulation.

Thank you,

Matthew J. Desjardin
Deputy Director of Public Works & Town Engineer

Town of Southbridge | Department of Public Works
185 Guelphwood Road | Southbridge, MA 01550

(O) 508-764-5403x3 | (C) 774-318-8610

From: Kenneth Comia
Sent: Friday, December 28, 2018 11:22 AM
To: Kenneth Comia <kcomia@southbridgemass.org>
Subject: Agenda: Planning Board Meeting - January 2, 2019 at 6:30 PM, G.A.R. Hall

Airport Commission

From: Lenny Vigneault
To: Kenneth Comia
Subject: Staff Review of Special Permit Application - Clemence Hill Road Solar Development
Date: Wednesday, December 19, 2018 9:40:25 PM

Hi Ken,

I received notice re. Special Permit - Solar Development - Sec. 8.5 (SP18-11), for Clemence Hill Road, Map 17, Lot 1. The proposed location is just South of the airport. It appears the solar farm would be directly in front of aircraft while they are on base leg to runway 02 and just to the right while the descending aircraft turns onto final approach for runway 02. Incorrect panels, frames or installation may cause glare that would negatively affect a pilots ability to land safely.

As you may know, the Airport Commission and Town just went through this process for the planned PV installation at the airport. The Federal Aviation Administration does permit solar facilities on airport property providing the installation complies with the applicable guidelines and policies. While these policies are not mandatory for off airport installations, the FAA does strongly suggest consideration of the policy for installations near an airport. Kindly see the link below for reference.

<https://www.federalregister.gov/documents/2013/10/23/2013-24729/interim-policy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports>

Proponents of solar energy systems located off-airport property or on non-federally-obligated airports are strongly encouraged to consider the requirements of this policy when siting such systems.

I highly suggest the Planning Board take the FAA's policies into consideration as this planned site is so close to the airport. The Airport worked with Stantec when designing the planned installation at the Southbridge airport to ensure FAA compliance. I can provide contact information for Stantec if you want. Due diligence is key as I'm sure the Town does not want to be held accountable if, after approval and installation, the FAA deems the installation a hazard to air navigation and mandates the panels be covered.

I hope you find this useful and please feel free to reach out to me with any questions or concerns. Enjoy the holidays.

Sincerely,

Lenny Vigneault - Southbridge Airport Commission - Chair

BIDG1
ZEO

From: [Casey Burlingame](#)
To: [Kenneth Comia](#); [Andrew Pelletier](#); [Heather Blakeley](#); [Matthew Desjardin](#); [Paul Normandin](#); [Rosemary Scrivens](#); [Shane Woodson](#); [Steve Lavoie](#)
Subject: RE: Staff Review of Special Permit Application - Clemence Hill Road Solar Development
Date: Monday, December 17, 2018 7:59:52 AM

Ken,

To add to what Andy sent, any large proposed solar arrays within 2 miles of an airport require FAA approval prior to permit being issued. I will send any other comments I have prior to Jan 2nd.

Thanks,

Casey Burlingame CBO
Deputy Building Commissioner/Zoning Enforcement Officer
Town of Southbridge
41 Elm Street, Southbridge MA 01550
(508) 764-5412
CBurlingame@SouthbridgeMass.org

From: Kenneth Comia
Sent: Thursday, December 13, 2018 6:33 PM
To: Andrew Pelletier; Casey Burlingame; Heather Blakeley; Matthew Desjardin; Paul Normandin; Rosemary Scrivens; Shane Woodson; Steve Lavoie
Subject: Staff Review of Special Permit Application - Clemence Hill Road Solar Development

Good evening Team,

Please see application materials below for site plan review items at the next Planning Board meeting on January 2, 2019.

Please provide comment as necessary for the Planning Board's consideration of the items below:

[Special Permit - Solar Development - Sec. 8.5 \(SP18-11\)](#)
[Clemence Hill Road, Map 17, Lot 1 \(Applicant: Clean Energy Collective, LLC / Owner: Estate of Diane I. Lowden\)](#)

The above item will also be reviewed by a site civil peer reviewer looking at the site plans and stormwater report. DPW, I have placed a full size copy in your mailbox.

Any comments are appreciated by December 31, 2018.

Best,
Ken

FIRE

From: [Steven Lavoie](#)
To: [Andrew Pelletier](#)
Cc: [Kenneth Comia](#); [Casey Burlingame](#); [Heather Blakeley](#); [Matthew Desjardin](#); [Paul Normandin](#); [Rosemary Scrivens](#); [Shane Woodson](#)
Subject: Re: Staff Review of Special Permit Application - Clemence Hill Road Solar Development
Date: Friday, December 14, 2018 1:06:26 PM

Ken,

The Fire Chief and I already met with the engineers on this project.

We would like to receive a copy of the final draft of the project, digital copy would be fine.

Steve

On Fri, Dec 14, 2018 at 7:40 AM Andrew Pelletier <apelletier@southbridgemass.org> wrote:

Ken

You may want to reach out specifically to the airport commission on this one. There may be laws and or special considerations in locating a potentially reflective installation proximal to an airport.

Andrew R. Pelletier, R.S.

Director,

Southbridge Inspection Services

(508) 764-4252

From: Kenneth Comia
Sent: Thursday, December 13, 2018 6:33 PM
To: Andrew Pelletier; Casey Burlingame; Heather Blakeley; Matthew Desjardin; Paul Normandin; Rosemary Scrivens; Shane Woodson; Steve Lavoie
Subject: Staff Review of Special Permit Application - Clemence Hill Road Solar Development

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INSP

From: [Andrew Pelletier](#)
To: [Kenneth Comia](#); [Casey Burlingame](#); [Heather Blakeley](#); [Matthew Desjardin](#); [Paul Normandin](#); [Rosemary Scrivens](#); [Shane Woodson](#); [Steve Lavoie](#)
Subject: RE: Staff Review of Special Permit Application - Clemence Hill Road Solar Development
Date: Friday, December 14, 2018 7:40:38 AM

Ken

You may want to reach out specifically to the airport commission on this one. There may be laws and or special considerations in locating a potentially reflective installation proximal to an airport.

Andrew R. Pelletier, R.S.
Director,
Southbridge Inspection Services
(508) 764-4252

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Best,
Ken

Kenneth Comia, AICP
Town Planner & Conservation Agent
Economic Development and Planning Department

Town of Southbridge
41 Elm Street | Southbridge, MA 01550