Berkeley Heights Environmental Commission

Agenda for Monday, March 21, at 7:30 pm

Members, if you will not be attending the meeting, please advise the chair. The meeting shall not last past 9:30 pm.

1) Approve minutes for February 21
2) Hearing on agenda items only - 3 minutes per resident
3) New Business:
   a. Resident interested in environment
   b. Solar project siting - NJ Board of Public Utilities Stakeholder Meeting
4) Plans: 64 River Bend Rd (see below)
5) Old Business:
   a. Bylaws
   b. Scout projects
      i. Eagle Scout Project at Community Garden
      ii. Other proposed projects
   c. Community Garden
   d. Stormwater Ordinance and MS4 Education status
   e. Adopt a Drain
   f. Sustainable Jersey Actions
      i. Expired Actions
      ii. SJ Grant for Rain Gardens
   g. Tree Ordinance and Trees Wanted
   h. Peppertown Park
   i. Recycling
   j. Clean up at Watchung Reservation
   k. Topics for the township newsletter
      i. Stormwater management education
   l. Passaic River Park and GLHS
   m. Projects with Watershed Ambassador
6) Citizens hearing on any environmental issues - 3 minutes per resident

Our next meeting is scheduled for Monday, April 4, 2022, at 7:30 pm

Topic: Berkeley Heights Twp Official is inviting you to a scheduled Zoom meeting.
Topic: Berkeley Heights Environmental Commission
Time: March 21, 2022, 07:30 PM Eastern Time (US and Canada)
Join Zoom Meeting
https://zoom.us/j/3575747364
Proposed Recommendation to Zoning Board

Subject: 64 River Bend Rd, Block 507, Lot 2, Zone R-15

Findings of Fact:
- Applicant proposes to restore portion of house destroyed by fire and add a second story that extends to rear of property.
- Groundwater recharge is apparently between 6 and 12 inches
- Site is apparently not in flood zone, riparian zone or wetlands.
- Slope is apparently 3 to 8 percent.

<table>
<thead>
<tr>
<th>c. Lot Coverage (from 5.b., Page 1)</th>
<th>Maximum Allowed</th>
<th>R-15 Zone</th>
<th>R-10 Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing buildings/structures (Item 1/sq.ft. of lot)</td>
<td>14.72 percent</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>Existing Other coverage (Item 4/sq.ft. of lot)</td>
<td>8.86 percent</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>Total existing lot coverage (Item 7/sq. ft. of lot)</td>
<td>23.08 percent</td>
<td>25%</td>
<td>30%</td>
</tr>
<tr>
<td>Proposed buildings/structures (Item 3/sq.ft. of lot)</td>
<td>14.98 percent</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>Proposed Other coverage (Item 6/sq. ft. of lot)</td>
<td>8.95 percent</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>Total proposed lot coverage (Item 8/sq. ft. of lot)</td>
<td>23.94 percent</td>
<td>25%</td>
<td>30%</td>
</tr>
</tbody>
</table>

- General Construction and Design & Grounds and Landscaping Considerations are included
- It is not clear if trees will be affected.
- On March 2, 2020 the New Jersey Department of Environmental Protection published amendments to the Stormwater Management Rules, N.J.A.C. 7:8, for purposes of replacing the existing requirements.
- DEP’s new rules require green infrastructure to reduce pollution and flooding from stormwater runoff.

Recommendations:
• The Commission recommends retaining stormwater runoff on the property with green infrastructure, including Grass Swale, (2) Green Roof, (3) Pervious Paving System, (4) Small-Scale Bioretention Basin / Rain Gardens
• Disconnect any downspouts or sump pumps from the street and connect them to rain gardens or vegetative swales. Information on rain gardens can be found at http://water.rutgers.edu/Rain_Gardens/RGWebsite/rginfo.html.
• The use of cisterns and drywells may be allowed only where the other listed methods cannot meet the requirements for retaining stormwater runoff.