From:	Ryan Sullivan
To:	Sarah Lewis; Rebecca Cooper
Cc:	Hahn, Hugh
Subject:	FW: EDGE Assembly Square - response to Engineering Division comment letter
Date:	Thursday, May 21, 2020 4:04:15 PM
Attachments:	image001.png 200505 Engineering Comments EDGE MPSP.pdf

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Hi Sarah and Rebecca,

See our response to the attached Engineering report below. Please feel free to share with the planning board.

Kind regards,

Ryan Sullivan
/ Development Director USA

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From: "Hahn, Hugh" <HHahn@VHB.com>
Date: Wednesday, May 20, 2020 at 5:25 PM
To: Ryan Sullivan <rsu@edge.tech>
Cc: "Vershinina, Elena" <evershinina@vhb.com>
Subject: EDGE Assembly Square - response to Engineering Division comment letter

Ryan,

Responses corresponding to the paragraph numbers in Engineering Division's comment letter:

1. Proponent is not opposed to "not discontinuing" Kensington Avenue and maintaining it as a public right of way, so long as the desired uses are allowed: underground utilities; pedestrian, cyclist and emergency access; and Civic Space through easement as allowed by Section 7.4, 5, b, iv of the Zoning Ordinance. The Proponent is not proposing pick-up/drop-off and loading uses on the portion of Kensington Avenue to be improved as Civic Space.
2. The Project is planning for both Sea Level Rise and Precipitation based flooding as predicted in the Somerville Climate Change Vulnerability Assessment and the supplemental Precipitation-based flood modeling figures provided by the Engineering Division. The lateral extent of the 2070 100-year Coastal Storm-based event suggests a base flood elevation of 13 feet (NAVD 88). The lateral extent of the Precipitation-based 2070 100-year rainfall event also suggests a precipitation-based flood elevation of 13

feet (NAVD 88). This elevation was converted to Somerville Sewer Base vertical datum (the datum established at the Project site by the existing conditions survey).

3. The MPSP indicated that the Project was planning on capturing and infiltrating 0.8-inch of rainfall runoff from the Site to match the City's MS4 permit requirements. In response to conversations with the Engineering Division since the filing of the MPSP, the Project is planning for stormwater retention and recharge of a volume adequate to reduce the Site runoff in the 10-year storm to the equal or less than the 2-year storm event.
4. Noted and will be addressed.
5. Noted and to be addressed.

Hugh

Hugh G. Hahn, PE
Senior Project Manager

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