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**From:** Rick Williams <rick@vmwp.com>  
**Sent:** Thursday, April 11, 2019 6:59 AM  
**To:** Patt, Mike (FIR)  
**Cc:** Andrawes, Kamal (FIR); Karen Murray; Kushal Modi  
**Subject:** Re: Balboa Reservoir Lee Avenue Street section and ladder access diagram and ; FD Access Equivalency Form. AB-005  
**Attachments:** 03 Lee Ave Section 1 Option 1-11x17.pdf; 01 FIRE DEPARTMENT DIAGRAM.pdf  
**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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Captain Patt,

We would like to come in again and discuss the fire department access plan and the street section for Lee Avenue prior to drafting the final AB-005 equivalency form to make sure we have all of the remaining items covered. We are available tomorrow morning Friday or early morning Monday or Tuesday of next week if you are available.

We would like to clarify and finalize a couple of issues.

1. Lee Avenue and FD access to the Buildings along the protected bike lane.

The section which is to scale illustrates a ladder access to the roof from the 26' wide FD access area with a ladder truck.

The angle to achieve this access is approx. 61 degrees, which we believe meets your design criteria, and also extended under 100', assuming that there is some overlap of ladder sections as discussed. The diagram clearly shows the ladder could access a higher roof point if needed.

We would like to confirm that this access diagram meets your intent for the 100' length of building which will be within the 30' requirement, and other sections of the building which could have an additional setback and still provide roof access.

2. We continue to refine the overall access diagram for clarity and to address additional conversations which are occurring within the infra-structure planning group and other meetings and discussions.

There have been issues and conversations regarding the 150' limit for FD trucks on dead end ways and those designs.

The two extensions of west drive will be design to have curbs and open space or other treatment to clearly deter the vehicles from moving beyond the 150' length. The drive which has an exit for Riordon HS parking will be an exit only and the 26' wide access zone will stop at 150' and then only the exit lane from the high school will extend with a curb cut or other definition as required by public works to access the Lee Ave extension.

3. Brighton Paseo: It was our understanding that the Brighton Paseo would not be a required access lane for emergency vehicles, however this was added to the AB-005 form as a requirement for emergency vehicles. I

had sent a clarification email if the Emergency vehicle was Fire Department trucks or smaller vehicles. This may have been missed in all the emails you get daily I am sure.

- We would like to understand whether Emergency vehicles is in fact Fire Trucks or only for ambulances etc.? If ambulance access then we believe we could provide that access via the PUC property as there will be the potential for food truck access on that property.

- Karen and i discussed that her conversations with you and your team were that the requirement was coming because the building was TypeV rather than Type 3A and thus required energy egress windows and thus the EV access is required. If the building was Type3A then Brighton Access would not be required?

The Brighton Paseo is particularly important to the community design and pedestrian access to Ocean Avenue as well as its current design has extensive storm water management elements which would preclude EV access. We would like to discuss this issue with you again to understand our options.

As I mentioned I am available Friday morning, but we could also meet Monday or Tuesday as well. After we meet we will finalize the refined AB 005 form.

Please let us know your availability and which day and time would work best for you and Kamal.

Thanks, Rick

**Rick Williams**  
Partner

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On Jan 8, 2019, at 1:08 PM, Patt, Mike (FIR) <[mike.patt@sfgov.org](mailto:mike.patt@sfgov.org)> wrote:

Thank you Rick, you'll be hearing from us shortly.

Regards,

*Captain Michael Patt*  
*698 Second Street, Room 109*  
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<image001.jpg>

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**From:** Rick Williams <[rick@vmwp.com](mailto:rick@vmwp.com)>

**Sent:** Tuesday, January 08, 2019 12:15 PM

**To:** Patt, Mike (FIR) <[mike.patt@sfgov.org](mailto:mike.patt@sfgov.org)>

**Cc:** Andrawes, Kamal (FIR) <[kamal.andrawes@sfgov.org](mailto:kamal.andrawes@sfgov.org)>; Karen Murray <[karen@vmwp.com](mailto:karen@vmwp.com)>; Kushal Modi <[kushal@vmwp.com](mailto:kushal@vmwp.com)>

**Subject:** Re: Balboa Reservoir FD Access Equivalency Form. AB-005

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Mike, Happy New Year....

Attached is the updated AB-005 FD Equivalency Form with the Fire Dept. Access Diagram included which we went over and discussed just before the holidays. I have Stamped and Signed the form.

This form though a stand alone document, once agreed to, would also be included in the Infra-Structure Plan Document;

and would eventually be part of the overall Master Plan set of documents which the City would be approving as a complete package.

Please review with Kamal and let us know if you have any final issues or questions. Hopefully this can be closed as an issue at the next Infra-structure Meeting.

Thanks, Rick

**Rick Williams**

Partner

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