

**DEPARTMENT OF BUILDING INSPECTION**

City &amp; County of San Francisco

1660 Mission Street, San Francisco, California 94103-2414

**REQUEST FOR APPROVAL OF LOCAL EQUIVALENCY FOR MODIFICATION  
OR ALTERNATE MATERIALS, DESIGN OR METHODS OF CONSTRUCTION**DATE SUBMITTED January 8, 2018[Note: This form shall be recorded as part of the  
permanent construction records of the property]

If no permit application has been filed, a Preapplication Review Fee is required for review of a request for local equivalency or modification, per SFBC Table 1A-B, Item 5. Additional fees may be required by Fire Department and other City review agencies.

If a permit application has been filed, no additional fees are required for this review.

Permit Application # Balboa Reservoir Master Plan

Property Address: \_\_\_\_\_

Block and Lot: \_\_\_\_\_ / \_\_\_\_\_ Occupancy Group: R-2, R-3 Type of Construction: 1A, V & 3A No. of Stories: 3-7Describe Use of Building Multiple Residential Buildings with accessory support uses.

Under the authority of the 2016 San Francisco Building Code, Sections 104A.2.7 and 104A.2.8; the 2016 San Francisco Mechanical Code, Section 302.2; the 2016 San Francisco Electrical Code, Section 89.117; and the 2016 San Francisco Plumbing Code, Section 301.3; the undersigned requests modifications of the provisions of these codes and/or approval of alternate materials, designs or methods of construction. Two copies of supporting documents, including plans showing the proposed modifications or alternate materials, design or methods of construction, are attached.

Regular Code Requirement (specify Code and Sections)

- Building A through G are 4 to 7 stories; Building B will be Type 5 or Type 3A (TBD) and Buildings A,C-G will be Type 3A over Type 1-A; Block H will be 3-4 stories, under 40' height.
- Per 2015 S.F. Subdivision Regulations Public Streets shall have a minimum of 20' clr. for fire access. Lee Ave, North, West and South Streets will provide 26' clear for FD access.
- Per CA Fire Code Section 503.1.1 fire apparatus roads will be provided for every building and shall extend to within 150 feet (45 720 mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.
- The Building Fire Department Connections will be located within 100' of a Low Pressure FH.
- Fire Access and facilities within the Townhome Parcel will be approved separately.
- Building H will be 3-4 stories, under 40' ht. and will be multi-family homes by Habitat for Humanity. shall be provided with Fire access

Proposed Modification or Alternate

Proposed modifications are shown in the attached Fire Access Diagram

- Each Building has access on at least 2 sides and the following conditions apply:

- no fire truck access is required along Brighton pedestrian walk; *but EV access is required.*

- fire truck access to extensions of West Drive and Lee Avenue are limited to 150' from the Public intersections.

*Fire* Access drive adjacent to 4 story Type V buildings will be 26' wide and *unobstructed.*

- The Building Fire Department Connections will be located within 100' of a Low Pressure FH.

- Fire Access and facilities within the Townhome Parcel will be *submitted* approved separately.

- Each Exterior building facade is covered by the hose length per the diagram with use of hydrants and/or Fire Department Stand Pipe Outlet (FDSPO) connection to the low pressure water system. (General locations are shown on the Fire Access Diagram)

- Additional information is provided in the Infrastructure Plan and the Master Plan Documents.

Case-by-Case Basis of Request - Describe the practical difficulties presented in meeting the specific conditions of the code and how the proposed modification or alternate meets the intent of the code. A separate form should be filled for each requested modification or alternate. Attach copies of any Administrative Bulletin, Code Ruling, reference, test reports, expert opinions, etc., which support this request. The Department may require that an approved consultant be hired by the applicant to perform tests or analysis and to submit an evaluation report to the Department for consideration.

- See attached Fire Department Access Diagram illustrating the hydrant, FDSPO location, building heights and construction types, and street width clearances.

- Once approved by the SFFD, this diagram will be included in the Infrastructure Plan as part of the overall Master Plan Documents.

- The project does not have the ability to provide access roads within 150 feet of all portions of the building. Therefore, FDSPOS (Fire Department Stand Pipe Outlets) and low pressure hydrants have been provided within 150' of all portions of exterior walls.

Requested by: PROJECT SPONSOR -

ARCHITECT/ENGINEER

Print Name:

Rick W. Williams

[PROFESSIONAL  
STAMP HERE]

Signature:

Telephone:

415-974-5352 x 203



PLAN REVIEWER COMMENTS:

Dead-End Street longer than 150 feet as measured from  
The throat of the intersection shall be provided with sufficient  
Turnarund and shall be approved by SFFD

See Conditions of approval Comments.

RECOMMENDATIONS:  
[signed off/dated by:]

Approve

Approve with conditions

Disapprove

Plan Reviewer:

(Kumal)  
1/9/19

Division Manager:

for Director of  
Bldg. Inspection

for Fire Marshal:

Capt. [Signature]  
1/9/19

CONDITIONS OF APPROVAL or OTHER COMMENTS

- FDSPOS (Fire department standpipe outlet shall be provided  
as an equivalency OF Fire access exceed 150 feet.
- FDSPOS shall be connected with a main pipe line inlets  
within 100 feet from fire Hydrants
- Fire access road turnarund shall be provided when The  
Dead-End Street longer than 150 feet as measured from  
Th Throat of the intersections.