

Appendix 3.0-4

FAA Review Technical Memorandum

Technical Memorandum

To: City of San Bruno
From: Nick Johnson, Johnson Aviation, Inc.
Date: October 7, 2019



Subject: FAA Review Not Required – Bayhill Specific Plan, YouTube Phase 1 Development

Purpose and Finding

The purpose of this Technical Memorandum is to document that the YouTube Phase 1 Development, comprised of Phase 1 North (adjacent to existing 1000 Cherry Avenue building) and Phase 1 South (adjacent to existing 900 Cherry Avenue building) as part of the Bayhill Specific Plan (Proposed Project), meets the requirements of 14 Code of Federal Regulations (CFR) Part 77.9(e)(1) as required by the City of San Bruno to find the project exempt from notice to the FAA under CFR Part 77, et. seq. Attachment A to this technical memorandum provides the City's signed exemption form. The following information documents and describes the basis of this finding.

Project Description

The Proposed Project consists of two new buildings generally located south of I-380, west of Elm Avenue, north of Bayhill Drive and east of Cherry Avenue in San Bruno, CA. This site is approximately 1.7 miles northwest of the departure ends of Runways 10L and 10R at San Francisco International Airport (SFO) (See Figure 1). The Project site is an existing urban commercial area with existing three and six-story office buildings surrounding the site (See Figure 2). The site is on an up-sloping area of high terrain that is approximately 107 feet above mean sea level (AMSL) on the east and 124 feet AMSL on the west. In addition to the built environment, the site and surrounding vicinity has tall trees ranging in heights from 60 to over 90 feet.

Figure 1: Project Location

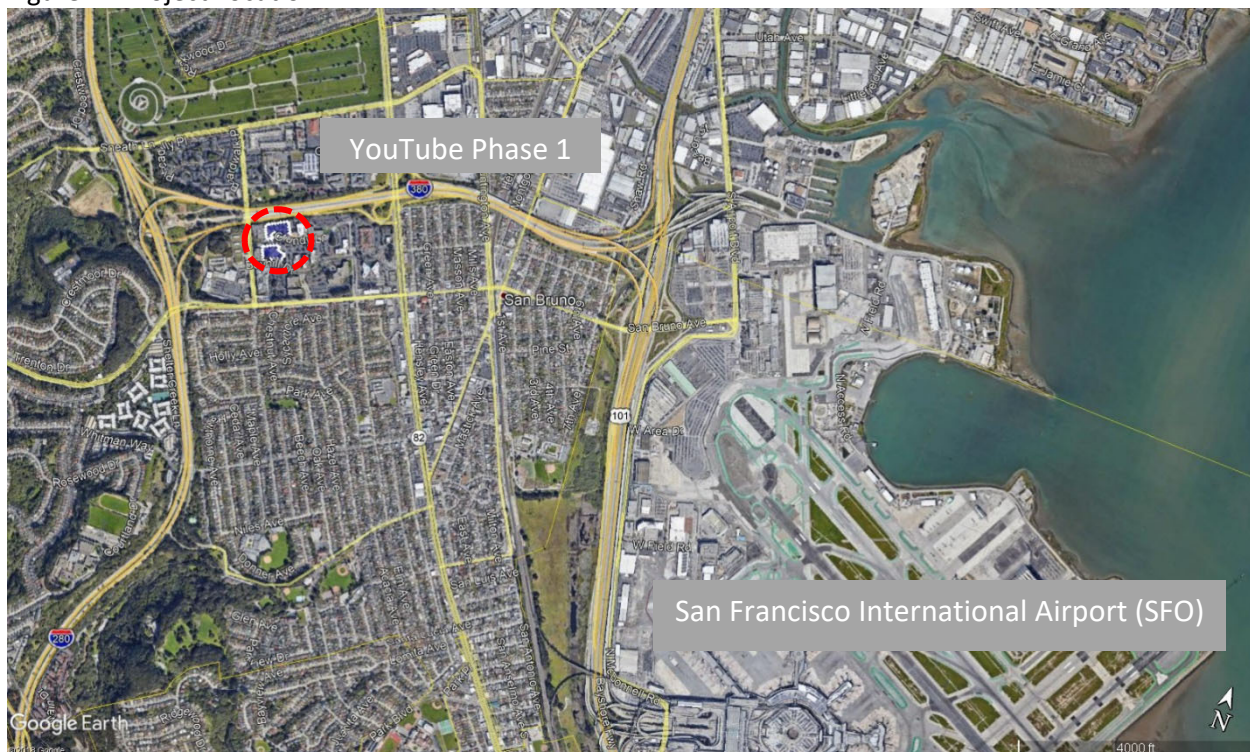
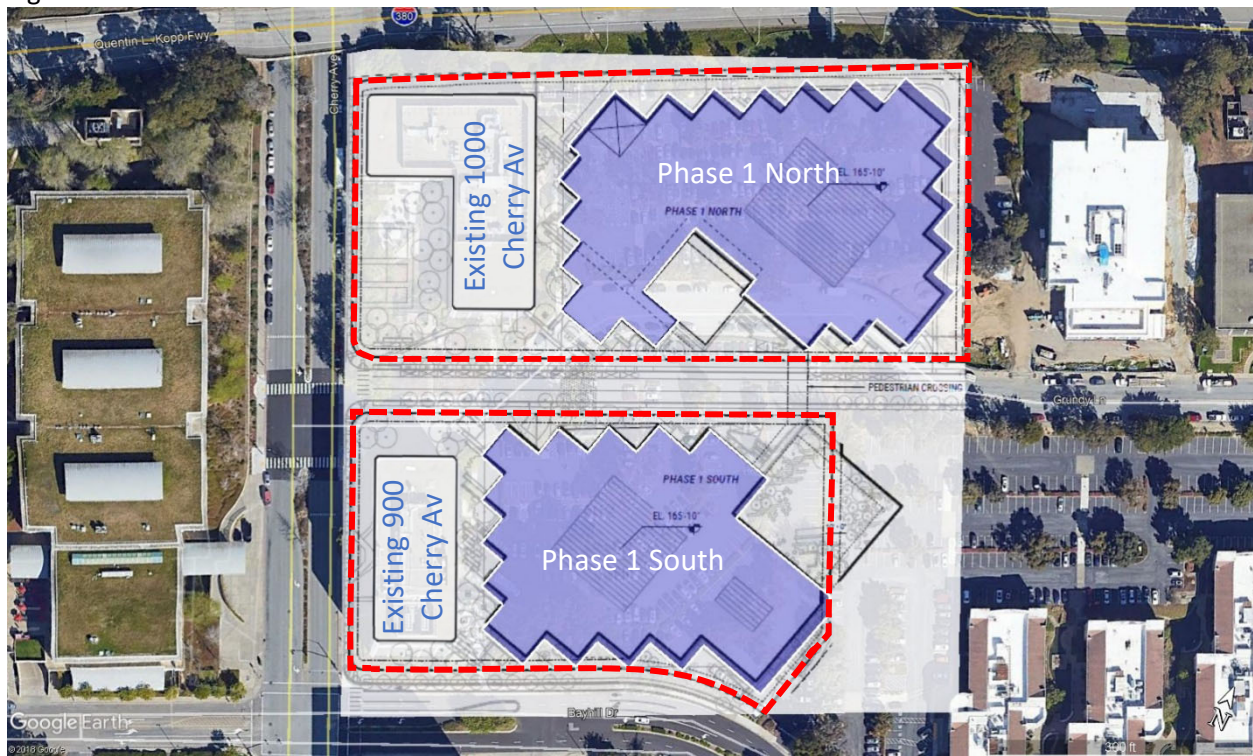


Figure 2: YouTube Phase 1 Site Plan



The proposed building elevations for the Project follow the sloping terrain and are at or below the existing remaining buildings on the west side of the site (See Figure 3). Figure 4 provides the typical elevation of the buildings as related to the sloping site.

Figures 5 through 8 provide a series of three dimensional massings of the proposed buildings on the site and the existing structures of a permanent and substantial nature, the existing terrain and trees of equal or greater height that will shield the Proposed Project such that the shielded structures (Proposed Project) will not adversely affect safety in air navigation.

Qualifications

Nick Johnson is the President/CEO of Johnson Aviation, Inc., an airport and airport land use compatibility planning firm specializing in development on and near airports. Mr. Johnson has over 30 years of airport planning and development experience with large-hub, medium-hub, military base installations and general aviation airports in California and throughout the US. Mr. Johnson works extensively with the Federal Aviation Administration, Obstruction Evaluation Group. He has analyzed and submitted over 600 airspace cases involving development on and near airports.

Figure 3: YouTube Phase 1 Building Heights

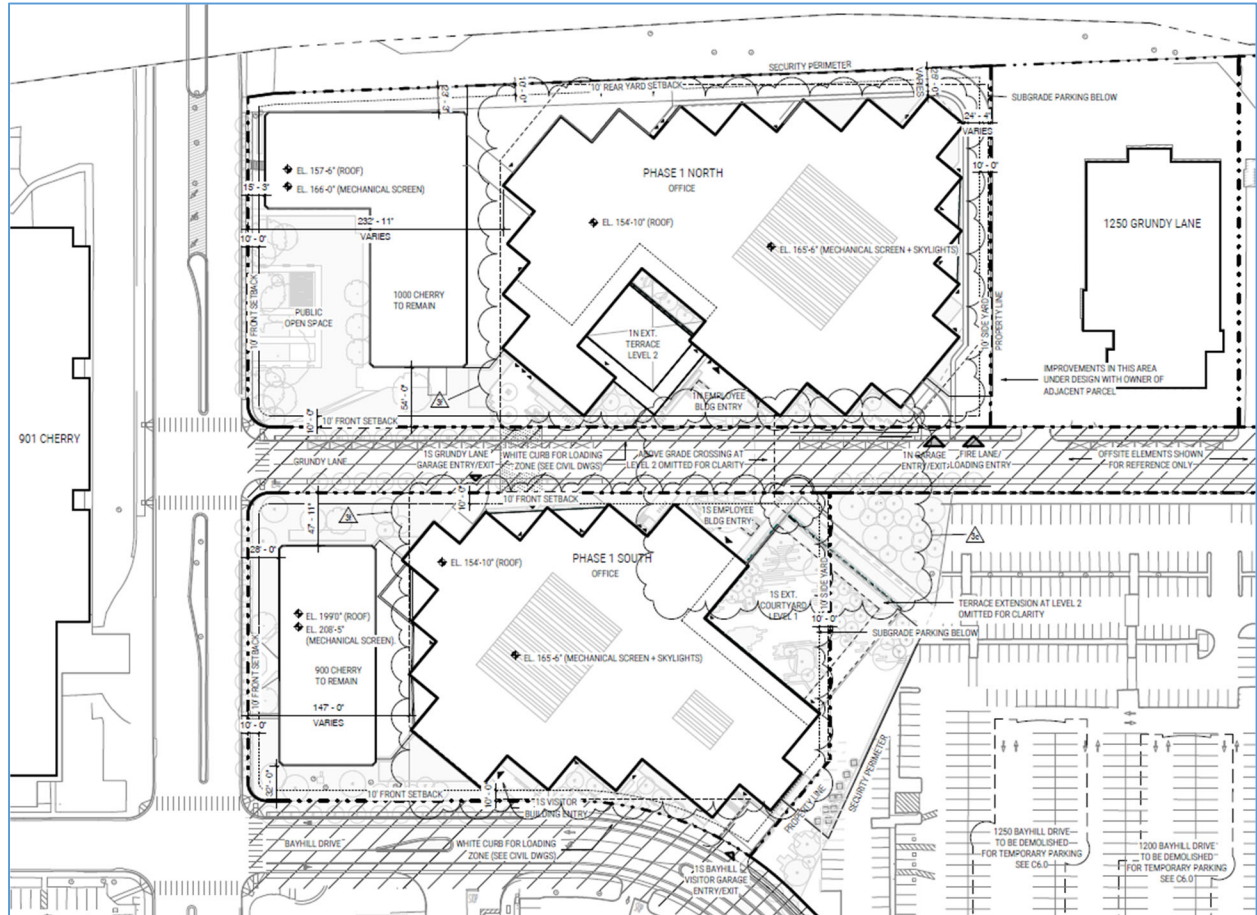


Figure 4: YouTube Phase 1 Building Typical Elevations

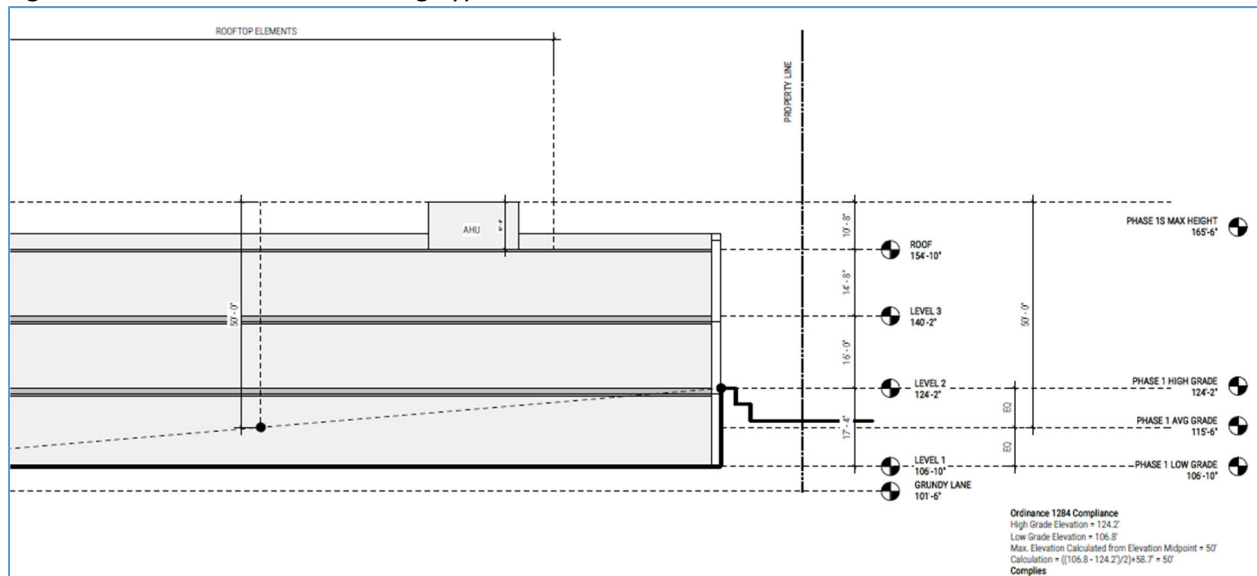


Figure 5: YouTube Phase 1 Building Massings Looking Southeast

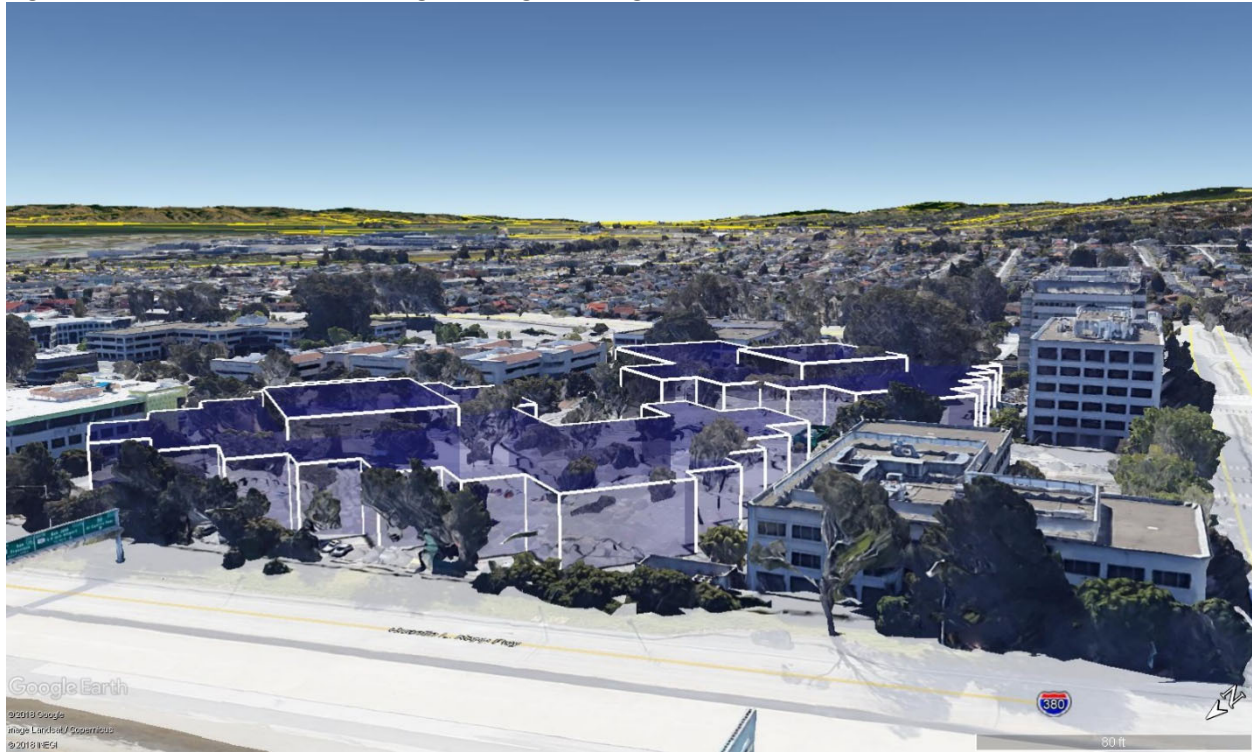


Figure 6: YouTube Phase 1 Building Massings Looking South

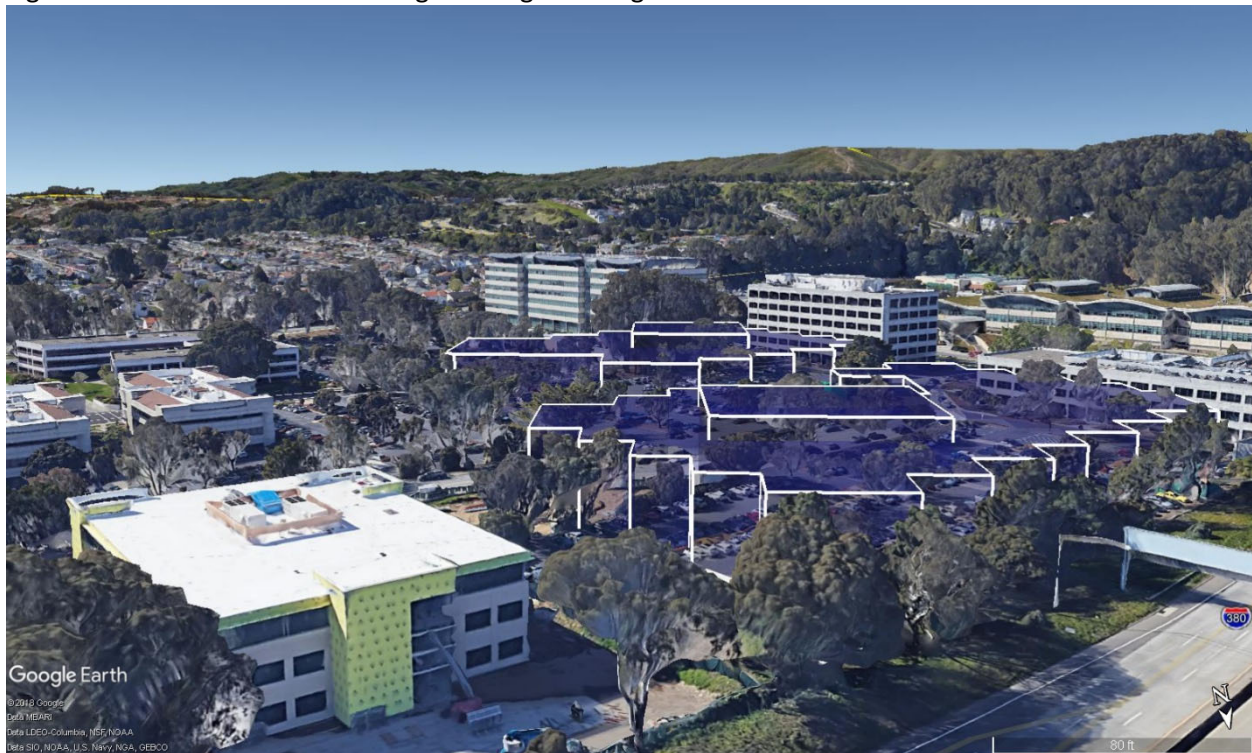


Figure 7: YouTube Phase 1 Building Massings Looking Northwest

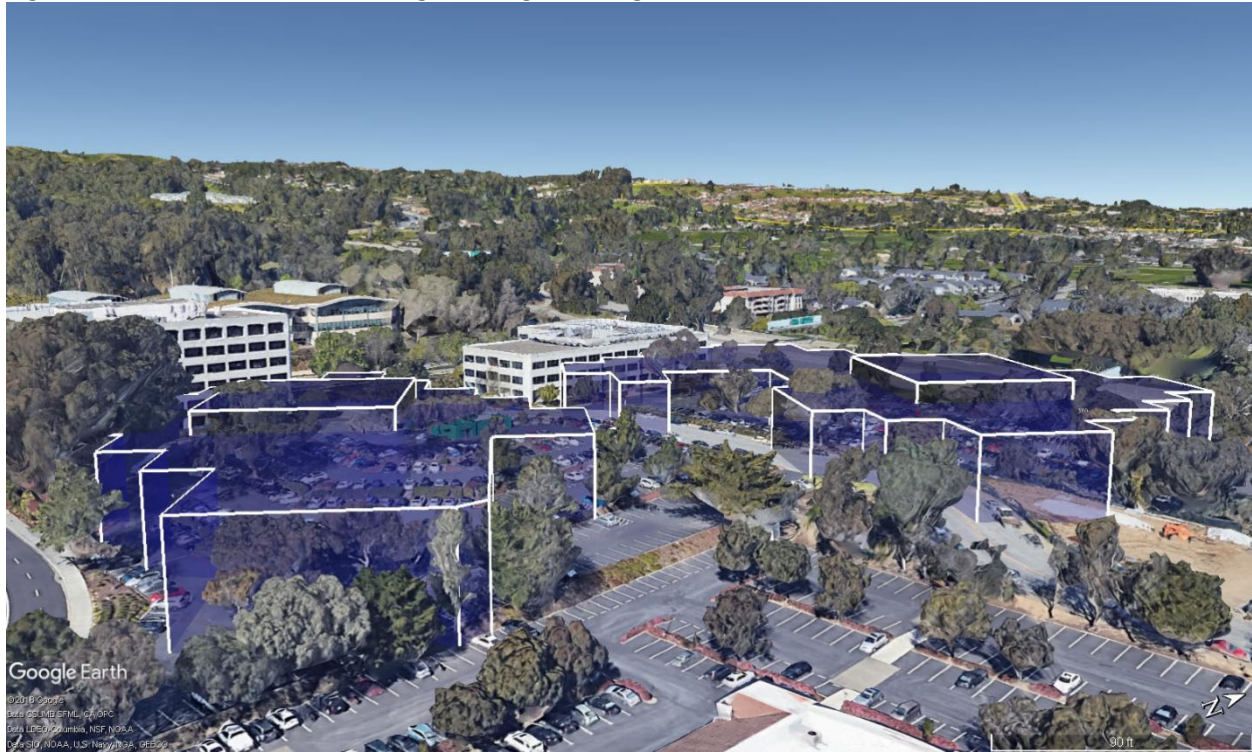


Figure 8: YouTube Phase 1 Building Massings Looking East



Attachment A



CITY OF SAN BRUNO

567 El Camino Real
San Bruno, CA 94066
Voice: (650) 616-7074 Fax: (650) 873-6749
www.sanbruno.ca.gov

Federal Aviation Administration Review Not Required

This handout provides information regarding when applicants (Architect, Engineer, Building Designer, etc.) and property owners are not required to notify the Federal Aviation Administration (FAA) of their proposed development project. Per section 77.9(e) of Title 14 of the Code of Federal Regulation (CFR) Part 77, no person is required to file notice for construction or alteration involving the following:

- (1) Any object that will be shielded by existing structures of a permanent and substantial nature or by natural terrain or topographic features of equal or greater height, and will be located in the congested area of a city town, or settlement where the shielded structure will not adversely affect safety in air navigation;
- (2) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device meeting FAA approved siting criteria or an appropriate military service siting criteria on military airports, the location and height of which are fixed by its functional purpose;
- (3) Any construction or alteration for which notice is required by any other FAA regulation; or
- (4) Any antenna structure of 20 feet or less in height, except one that would increase the height of another antenna structure.

The City will not require notification to the FAA if the applicant (Licensed Architect, Licensed Engineer, Building Designer, etc.) and property owner sign the following statement below:

"I Charles N. Johnson (applicant) & Google, LLC (owner) do hereby certify that the structure(s) or modification to existing structure(s) associated with Building Permit # Phase 1 Development located at 900 & 1000 Cherry Ave, San Bruno, CA* (address) do not require Federal Aviation Administration notification because per Section 77.9(e) of Title 14 of the Code of Federal Regulations CFR Part 77, notification is not required."

The applicant will be required to sign below prior to permit issuance. Should it be subsequently determined by the City, Airport Land Use Commission, State, or the Federal Aviation Administration, or any other government agency that the proposed project is required to notify the Federal Aviation Administration under CFR Part 77, the City assumes no responsibility or liability for any changes required to the submitted construction drawings and documents and to the structures installed on the project site as a result of and to achieve consistency with the FAA's determination of No Hazard to Air Navigation.

Charles N. Johnson, Airport Compatibility Planning Consultant

Applicant (Architect, Engineer, Building Designer, etc.) Name

Charles N. Johnson

Applicant (Architect, Engineer, Building Designer, etc.) Signature

10/3/2019

Date

Google, LLC by Josh Portner

Property Owner Name

Josh Portner

Property Owner Signature

10/3/2019

Date

Revised: December 2013

*Phase 1 North adjacent to existing 1000 Cherry Ave building; Phase 1 South adjacent to existing 900 Cherry Ave building