



# SAN FRANCISCO PLANNING DEPARTMENT

## CEQA Categorical Exemption Determination

### PROPERTY INFORMATION/PROJECT DESCRIPTION

<b>Project Address</b>		<b>Block/Lot(s)</b>
SFO: Ground Based Augmentation System (GBAS) Project		
<b>Case No.</b>		<b>Permit No.</b>
2020-003412ENV		
<input type="checkbox"/> <b>Addition/ Alteration</b>	<input type="checkbox"/> <b>Demolition (requires HRE for Category B Building)</b>	<input type="checkbox"/> <b>New Construction</b>
<p><b>Project description for Planning Department approval.</b></p> <p>The City and County of San Francisco, by and through the San Francisco Airport Commission (Commission), proposes to construct and install a Ground Based Augmentation System (GBAS), at San Francisco International Airport (SFO or Airport). The purpose of the Proposed Project is to install ground-based equipment that would augment satellite-based Global Positioning System (GPS) signals that support aircraft navigation. The Proposed Project would be located along the north side of Runway 10L-28R, and about 1,100 feet east of the intersections of Runways 10L-28R and 1R-19L. The Proposed Project would require a total of about 2,000 linear feet of electrical and communications duct bank to integrate the system and connect the GBAS equipment to existing Airport utility infrastructure. The Proposed Project would include construction and installation of the following required GBAS equipment: (1) a 220 square-foot equipment shelter; (2) 16 square-foot electrical transformer housing; (3) one 50-foot tall Very High Frequency (VHF) broadcast antenna; (4) four 15-foot tall GPS receiver antennas; and (5) 2,000 linear feet of underground duct banks, containing electric conduit and communications wiring. Installation of the equipment shelter and transformer housing would require site clearing and excavation of up to two feet in depth within the</p> <p>FULL PROJECT DESCRIPTION ATTACHED</p>		

### STEP 1: EXEMPTION CLASS

<b>The project has been determined to be categorically exempt under the California Environmental Quality Act (CEQA).</b>	
<input type="checkbox"/>	<b>Class 1 - Existing Facilities.</b> Interior and exterior alterations; additions under 10,000 sq. ft.
<input checked="" type="checkbox"/>	<b>Class 3 - New Construction.</b> Up to three new single-family residences or six dwelling units in one building; commercial/office structures; utility extensions; change of use under 10,000 sq. ft. if principally permitted or with a CU.
<input type="checkbox"/>	<p><b>Class 32 - In-Fill Development.</b> New Construction of seven or more units or additions greater than 10,000 sq. ft. and meets the conditions described below:</p> <p>(a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.</p> <p>(b) The proposed development occurs within city limits on a project site of no more than 5 acres substantially surrounded by urban uses.</p> <p>(c) The project site has no value as habitat for endangered rare or threatened species.</p> <p>(d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.</p> <p>(e) The site can be adequately served by all required utilities and public services.</p> <p><b>FOR ENVIRONMENTAL PLANNING USE ONLY</b></p>
<input type="checkbox"/>	<b>Class ____</b>

## STEP 2: CEQA IMPACTS

### TO BE COMPLETED BY PROJECT PLANNER

<input type="checkbox"/>	<p><b>Air Quality:</b> Would the project add new sensitive receptors (specifically, schools, day care facilities, hospitals, residential dwellings, and senior-care facilities within an Air Pollution Exposure Zone? Does the project have the potential to emit substantial pollutant concentrations (e.g., backup diesel generators, heavy industry, diesel trucks, etc.)? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Air Pollution Exposure Zone)</p>
<input type="checkbox"/>	<p><b>Hazardous Materials:</b> If the project site is located on the Maher map or is suspected of containing hazardous materials (based on a previous use such as gas station, auto repair, dry cleaners, or heavy manufacturing, or a site with underground storage tanks): Would the project involve 50 cubic yards or more of soil disturbance - or a change of use from industrial to residential?</p> <p><i>if the applicant presents documentation of enrollment in the San Francisco Department of Public Health (DPH) Maher program, a DPH waiver from the Maher program, or other documentation from Environmental Planning staff that hazardous material effects would be less than significant (refer to EP_ArcMap &gt; Maher layer).</i></p>
<input type="checkbox"/>	<p><b>Transportation:</b> Does the project involve a child care facility or school with 30 or more students, or a location 1,500 sq. ft. or greater? Does the project have the potential to adversely affect transit, pedestrian and/or bicycle safety (hazards) or the adequacy of nearby transit, pedestrian and/or bicycle facilities?</p>
<input checked="" type="checkbox"/>	<p><b>Archeological Resources:</b> Would the project result in soil disturbance/modification greater than two (2) feet below grade in an archeological sensitive area or eight (8) feet in a non -archeological sensitive area? If yes, archeo review is required (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Archeological Sensitive Area)</p>
<input type="checkbox"/>	<p><b>Subdivision/Lot Line Adjustment:</b> Does the project site involve a subdivision or lot line adjustment on a lot with a slope average of 20% or more? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Topography). If yes, Environmental Planning must issue the exemption.</p>
<input type="checkbox"/>	<p><b>Slope = or &gt; 25%:</b> Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Topography) <b>If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.</b></p>
<input type="checkbox"/>	<p><b>Seismic: Landslide Zone:</b> Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Seismic Hazard Zones) <b>If box is checked, a geotechnical report is required and Environmental Planning must issue the exemption.</b></p>
<input type="checkbox"/>	<p><b>Seismic: Liquefaction Zone:</b> Does the project involve any of the following: (1) square footage expansion greater than 500 sq. ft. outside of the existing building footprint, (2) excavation of 50 cubic yards or more of soil, (3) new construction? (refer to EP_ArcMap &gt; CEQA Catex Determination Layers &gt; Seismic Hazard Zones) <b>If box is checked, a geotechnical report will likely be required and Environmental Planning must issue the exemption.</b></p>
<p><b>Comments and Planner Signature (optional):</b> Don Lewis</p> <p>Planning department staff archaeologist cleared the project with no effects on 3/17/2020.</p>	

**STEP 3: PROPERTY STATUS - HISTORIC RESOURCE  
TO BE COMPLETED BY PROJECT PLANNER**

<b>PROPERTY IS ONE OF THE FOLLOWING:</b> (refer to Property Information Map)	
<input type="checkbox"/>	<b>Category A:</b> Known Historical Resource. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	<b>Category B:</b> Potential Historical Resource (over 45 years of age). <b>GO TO STEP 4.</b>
<input checked="" type="checkbox"/>	<b>Category C:</b> Not a Historical Resource or Not Age Eligible (under 45 years of age). <b>GO TO STEP 6.</b>

**STEP 4: PROPOSED WORK CHECKLIST  
TO BE COMPLETED BY PROJECT PLANNER**

<b>Check all that apply to the project.</b>	
<input type="checkbox"/>	1. <b>Change of use and new construction.</b> Tenant improvements not included.
<input type="checkbox"/>	2. <b>Regular maintenance or repair</b> to correct or repair deterioration, decay, or damage to building.
<input type="checkbox"/>	3. <b>Window replacement</b> that meets the Department's <i>Window Replacement Standards</i> . Does not include storefront window alterations.
<input type="checkbox"/>	4. <b>Garage work.</b> A new opening that meets the <i>Guidelines for Adding Garages and Curb Cuts</i> , and/or replacement of a garage door in an existing opening that meets the Residential Design Guidelines.
<input type="checkbox"/>	5. <b>Deck, terrace construction, or fences</b> not visible from any immediately adjacent public right-of-way.
<input type="checkbox"/>	6. <b>Mechanical equipment installation</b> that is not visible from any immediately adjacent public right-of-way.
<input type="checkbox"/>	7. <b>Dormer installation</b> that meets the requirements for exemption from public notification under <i>Zoning Administrator Bulletin No. 3: Dormer Windows</i> .
<input type="checkbox"/>	8. <b>Addition(s)</b> that are not visible from any immediately adjacent public right-of-way for 150 feet in each direction; does not extend vertically beyond the floor level of the top story of the structure or is only a single story in height; does not have a footprint that is more than 50% larger than that of the original building; and does not cause the removal of architectural significant roofing features.
<b>Note: Project Planner must check box below before proceeding.</b>	
<input checked="" type="checkbox"/>	Project is not listed. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project <b>does not conform</b> to the scopes of work. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project involves <b>four or more</b> work descriptions. <b>GO TO STEP 5.</b>
<input type="checkbox"/>	Project involves <b>less than four</b> work descriptions. <b>GO TO STEP 6.</b>

**STEP 5: CEQA IMPACTS - ADVANCED HISTORICAL REVIEW  
TO BE COMPLETED BY PROJECT PLANNER**

<b>Check all that apply to the project.</b>	
<input type="checkbox"/>	1. Project involves a <b>known historical resource (CEQA Category A)</b> as determined by Step 3 and conforms entirely to proposed work checklist in Step 4.
<input type="checkbox"/>	2. <b>Interior alterations to publicly accessible spaces.</b>
<input type="checkbox"/>	3. <b>Window replacement</b> of original/historic windows that are not "in-kind" but are consistent with existing historic character.
<input type="checkbox"/>	4. <b>Façade/storefront alterations</b> that do not remove, alter, or obscure character-defining features.
<input type="checkbox"/>	5. <b>Raising the building</b> in a manner that does not remove, alter, or obscure character-defining features.
<input type="checkbox"/>	6. <b>Restoration</b> based upon documented evidence of a building's historic condition, such as historic photographs, plans, physical evidence, or similar buildings.

<input type="checkbox"/>	7. <b>Addition(s)</b> , including mechanical equipment that are minimally visible from a public right-of-way and meet the <i>Secretary of the Interior's Standards for Rehabilitation</i> .
<input type="checkbox"/>	8. <b>Other work consistent</b> with the <i>Secretary of the Interior Standards for the Treatment of Historic Properties</i> (specify or add comments):
<input type="checkbox"/>	9. <b>Other work</b> that would not materially impair a historic district (specify or add comments):  (Requires approval by Senior Preservation Planner/Preservation Coordinator)
<input type="checkbox"/>	10. <b>Reclassification of property status.</b> (Requires approval by Senior Preservation Planner/Preservation <input type="checkbox"/> Reclassify to Category A a. Per HRER or PTR dated <input type="checkbox"/> Reclassify to Category C (attach HRER or PTR) b. Other (specify):
<b>Note: If ANY box in STEP 5 above is checked, a Preservation Planner MUST sign below.</b>	
<input type="checkbox"/>	<b>Project can proceed with categorical exemption review.</b> The project has been reviewed by the Preservation Planner and can proceed with categorical exemption review. <b>GO TO STEP 6.</b>
<b>Comments (optional):</b>	
<b>Preservation Planner Signature:</b> Don Lewis	

**STEP 6: CATEGORICAL EXEMPTION DETERMINATION  
TO BE COMPLETED BY PROJECT PLANNER**

<input checked="" type="checkbox"/>	<b>No further environmental review is required. The project is categorically exempt under CEQA. There are no unusual circumstances that would result in a reasonable possibility of a significant effect.</b>	
	<b>Project Approval Action:</b> Airport Commission's approval to award contract.	<b>Signature:</b> Don Lewis
	If Discretionary Review before the Planning Commission is requested, the Discretionary Review hearing is the Approval Action for the project.	03/24/2020
Once signed or stamped and dated, this document constitutes a categorical exemption pursuant to CEQA Guidelines and Chapter 31 of the Administrative Code. In accordance with Chapter 31 of the San Francisco Administrative Code, an appeal of an exemption determination can only be filed within 30 days of the project receiving the approval action. Please note that other approval actions may be required for the project. Please contact the assigned planner for these approvals.		

## Full Project Description

The City and County of San Francisco, by and through the San Francisco Airport Commission (Commission), proposes to construct and install a Ground Based Augmentation System (GBAS), at San Francisco International Airport (SFO or Airport). The purpose of the Proposed Project is to install ground-based equipment that would augment satellite-based Global Positioning System (GPS) signals that support aircraft navigation.

The Proposed Project would be located along the north side of Runway 10L-28R, and about 1,100 feet east of the intersections of Runways 10L-28R and 1R-19L. The Proposed Project would require a total of about 2,000 linear feet of electrical and communications duct bank to integrate the system and connect the GBAS equipment to existing Airport utility infrastructure. The Proposed Project would include construction and installation of the following required GBAS equipment: (1) a 220 square-foot equipment shelter; (2) 16 square-foot electrical transformer housing; (3) one 50-foot tall Very High Frequency (VHF) broadcast antenna; (4) four 15-foot tall GPS receiver antennas; and (5) 2,000 linear feet of underground duct banks, containing electric conduit and communications wiring.

Installation of the equipment shelter and transformer housing would require site clearing and excavation of up to two feet in depth within the structural footprints. Installation of the VHF and GPS antennas would also require site clearing and excavation to place concrete footers. Excavation for the antenna footers is anticipated to be about four feet long by four feet wide at a depth of up to seven feet. Trenching for the proposed duct bank would extend to a depth of up to seven feet and a width of about four feet. Site clearing and impervious surfaces would be limited to the project elements within the Proposed Project site.

Construction would be limited to night-time hours to reduce potential conflicts with aircraft operations. Construction would include trenching for installation of duct banks, minor excavation for installation of antenna footings and structure foundations, and assembly of antennas. The excavation for the proposed equipment shelter and transformer would total about 17 cubic yards. Excavation volume for installation of the antennas would total about 35 cubic yards. Trenching excavation would total about 2,100 cubic yards. Small concrete supports would be installed as bases for each antenna. A 25-foot by four-foot pavement patch over the new duct bank may be required to return the vehicle service road to its existing state and there would be no change in the amount of impervious surface on the airfield. Trenching and excavation work would be completed with light duty machinery and hand-held tools.

## STEP 7: MODIFICATION OF A CEQA EXEMPT PROJECT

### TO BE COMPLETED BY PROJECT PLANNER

In accordance with Chapter 31 of the San Francisco Administrative Code, when a California Environmental Quality Act (CEQA) exempt project changes after the Approval Action and requires a subsequent approval, the Environmental Review Officer (or his or her designee) must determine whether the proposed change constitutes a substantial modification of that project. This checklist shall be used to determine whether the proposed changes to the approved project would constitute a "substantial modification" and, therefore, be subject to additional environmental review pursuant to CEQA.

### PROPERTY INFORMATION/PROJECT DESCRIPTION

Project Address (If different than front page)		Block/Lot(s) (If different than front page)
SFO: Ground Based Augmentation System (GBAS) Project		/
Case No.	Previous Building Permit No.	New Building Permit No.
2020-003412PRJ		
Plans Dated	Previous Approval Action	New Approval Action
	Other (please specify)	
Modified Project Description:		

### DETERMINATION IF PROJECT CONSTITUTES SUBSTANTIAL MODIFICATION

Compared to the approved project, would the modified project:	
<input type="checkbox"/>	Result in expansion of the building envelope, as defined in the Planning Code;
<input type="checkbox"/>	Result in the change of use that would require public notice under Planning Code Sections 311 or 312;
<input type="checkbox"/>	Result in demolition as defined under Planning Code Section 317 or 19005(f)?
<input type="checkbox"/>	Is any information being presented that was not known and could not have been known at the time of the original determination, that shows the originally approved project may no longer qualify for the exemption?
<b>If at least one of the above boxes is checked, further environmental review is required.</b>	

### DETERMINATION OF NO SUBSTANTIAL MODIFICATION

<input type="checkbox"/>	The proposed modification would not result in any of the above changes.
If this box is checked, the proposed modifications are categorically exempt under CEQA, in accordance with prior project approval and no additional environmental review is required. This determination shall be posted on the Planning Department website and office and mailed to the applicant, City approving entities, and anyone requesting written notice. In accordance with Chapter 31, Sec 31.08j of the San Francisco Administrative Code, an appeal of this determination can be filed within 10 days of posting of this determination.	
Planner Name:	Date: