

# GS3: San Francisco Green Building Submittal Form for Other Non-Residential Alterations, Additions & New Construction

<b>INSTRUCTIONS:</b> 1. Select one (1) column to the right. For each applicable requirement in the column, indicate evidence of fulfillment in the References column. For items that are not applicable, indicate "N/A". 2. Provide project information in the Verification box at the right.				NEW CONSTRUCTION <input type="checkbox"/> OTHER NON-RESIDENTIAL  F,H,L,S,U  or  A,B,E,I,M less than 25,000 sq.ft.	ALTERATIONS + ADDITIONS  <input type="checkbox"/> OTHER NON-RESIDENTIAL ALTERATIONS + ADDITIONS  A,B,E,F,H,L,I,M,S,U  more than 1,000 sq.ft. or \$200,000	REFERENCES  DRAWING OR SPECIFICATION # (If not applicable, indicate "N/A".)	VERIFICATION
Submittal must be a minimum of 24" x 36". This form is for permit applications submitted January 2020 through December 2022.				<b>CHECK THE ONE COLUMN THAT BEST DESCRIBES YOUR PROJECT</b> →			
	TITLE	SOURCE OF REQUIREMENT	DESCRIPTION OF REQUIREMENT				
<b>MATERIAL EMISSIONS</b>	LOW-EMITTING MATERIALS	CALGreen 5.504.4.1-6	Use products that comply with the emission limit requirements of 4.504.2.1-5, 5.504.4.1-6 for adhesives, sealants, paints, coatings, carpet systems including cushions and adhesives, resilient flooring (80% of area), and composite wood products.	•	•		
<b>WATER</b>	INDOOR WATER USE REDUCTION	CALGreen 5.303.3, SF Building Code ch.13A	Meet flush/flow requirements for: toilets (1.28gpf); urinals (0.125gpf wall, 0.5gpf floor); showerheads (2.0gpm); lavatories (1.2gpm private, 0.5gpm public/common); kitchen faucets (1.8gpm); wash fountains (1.8gpm); metering faucets (0.2gpc); food waste disposers (1gpm/8gpm). Large non-residential alteration & addition projects must upgrade all non-compliant fixtures per SF Building Code ch. 13A.	•	•		
	WATER-EFFICIENT IRRIGATION	Administrative Code ch.63	New construction projects with aggregated landscape area ≥500 sq.ft., or existing projects with modified landscape area ≥1,000 sq.ft., shall use low water use plants or climate appropriate plants, restrict turf areas and comply with Model Water Efficient Landscape Ordinance restrictions by calculated ETAF ≤.45 or by prescriptive compliance for projects with ≤2,500 sq.ft. of landscape area.	•	if applicable		
	WATER METERING	CALGreen 5.303.1	Provide submeters for spaces projected to consume >1,000gal/day (or >100gal/day in buildings >50,000 sq.ft).	•	•		
<b>ENERGY</b>	ALL-ELECTRIC CONSTRUCTION	SFBC 106A.1.17	Newly constructed buildings must be all-electric, with no gas piping systems or infrastructure. See Administrative Bulletin 112 for details.	•	n/r		
	ENERGY DESIGN	Title 24 Part 6, SFGBC 5.201	Energy Design – All projects must comply with California 2022 Energy Standards. Mixed-fuel (with natural gas): In isolated situations where natural gas may be permitted per Admin Bulletin 112, comply with Electric Ready Design Guidelines, installing wiring and electrical infrastructure for future conversion of all mixed-fuel loads to all-electric	•	•		
	BETTER ROOFS	Energy Code 140.10(a-b), SFGBC 5.201.1.2	Photovoltaics and battery storage are prescriptively required by CA Energy Code. If SFPUC Stormwater Requirements apply, each square foot of living roof contributing to Stormwater Management Ordinance compliance may reduce the Solar Access Roof Area by 1 square foot.	•	n/r		
	COMMISSIONING (Cx)	CALGreen 5.410.2-5.410.4.5.1	For projects ≥10,000 sq.ft, include OPR, BOD, and commissioning plan in design & construction. Commission to comply. Alterations & additions with new HVAC equipment must test and adjust all equipment.	•	•		
<b>PARKING</b>	BICYCLE PARKING	CALGreen 5.106.4, Planning Code sec.155.1-2	Provide short- and long-term bike parking equal to 5% of motorized vehicle parking, or meet SF Planning Code sec.155.1-2, whichever is greater.	•	if >10 stalls added		
	WIRING FOR ELECTRIC VEHICLE CHARGING	SFGBC 5.106.5.3, CalGreen 5.106.5.3.1, 5.106.5.3.2	Install raceway capable of supporting future Level 2 EVSE (min 40A 208/240VAC) and install Level 2 EVSE. See SFGBC Table 5.106.5.3.1 for minimum quantities. (Requires EVSE in approx. 5% of total spaces, and raceway to additional 5% of spaces)	•	if >10 stalls added		
	INFRASTRUCTURE FOR ELECTRIC VEHICLE CHARGING	CalGreen 5.103.3.3, 5.106.5.3	Install service capacity and panelboards with sufficient space. Electrical load calculations must demonstrate the entire electric system, including any on-site distribution transformers, has sufficient capacity to simultaneously charge all required circuits at the full specified amperage. If the number of receptacles or EVSE installed is greater than the minimum required, Automated Load Management Systems may be used. ALMS must have capacity to deliver 3.3kW simultaneously to each EVCS, and the total capacity dedicated to EV charging must be at a minimum equal to the minimum required number of EV Capable, EV Ready, and EVSE spaces at full specified amperage. Construct all off-street light-duty vehicle parking spaces with dimensions capable of installing EVSE.	•	n/r		
<b>RESOURCE RECOVERY</b>	RECYCLING BY OCCUPANTS	SF Building Code 106A.3.3, CalGreen 5.410.1, AB-088	Provide adequate space and equal access for storage, collection, and loading of compostable, recyclable and landfill materials. For help estimating adequate space for collection by hauler, see supporting materials including a design guide and calculator at: <a href="http://www.sfenvironment.org/refusecalculator">www.sfenvironment.org/refusecalculator</a> .	•	•		
	CONSTRUCTION & DEMOLITION (C&D) DISCARDS MANAGEMENT	SFGBC 4.103.2.3 & 5.103.1.3.1, CalGreen 5.405.1.1 Environment Code ch.14, SF Building Code ch.13B	100% of mixed debris must be taken by a Permitted Transporter to a Registered Facility for recycling and recovery. Complete Material Reduction and Recovery Plan and demonstrate minimum 65% recovery rate. For more information, see Information Sheet GB-02, or contact 415-355-3799 or <a href="mailto:debrisrecovery@sfgov.org">debrisrecovery@sfgov.org</a> .	•	•		
<b>HVAC</b>	REFRIGERANT MANAGEMENT	CALGreen 5.508.1	Use no halons or CFCs in HVAC.	•	•		
<b>GOOD NEIGHBOR</b>	LIGHT POLLUTION REDUCTION	CA Energy Code, CALGreen 5.106.8	Comply with CA Energy Code for Lighting Zones 1-4. Comply with 5.106.8 for Backlight/Uplight/Glare.	•	•		
	BIRD-SAFE BUILDINGS	Planning Code sec.139	Glass facades and bird hazards facing and/or near Urban Bird Refuges may need to treat their glass for opacity.	•	•		
	TOBACCO SMOKE CONTROL	CALGreen 5.504.7	Prohibit smoking within 25 feet of building entries, air intakes, and operable windows.	•	•		
	SHADE TREES	CalGreen 5.106.12	Plant trees to sufficient to provide shade within 15 years for 20% of landscape and hardscape area. Exclude shade structures covered by photovoltaics or cool roof materials from total area calculation.	•	n/r		
<b>POLLUTION PREVENTION</b>	STORMWATER CONTROL PLAN	Public Works Code art.4.2 sec.147	Projects disturbing ≥5,000 sq.ft. in combined or separate sewer areas, or replacing ≥2,500 impervious sq.ft. in separate sewer area, must implement a Stormwater Control Plan meeting SFPUC Stormwater Management Requirements.	•	if project extends outside envelope		
	CONSTRUCTION SITE RUNOFF	Public Works Code art.4.2 sec.146	Provide a construction site Stormwater Pollution Prevention Plan and implement SFPUC Best Management Practices.	•	if disturbing ≥5,000 sq.ft. if project extends outside envelope		
<b>INDOOR ENVIRONMENTAL QUALITY</b>	ACOUSTICAL CONTROL	CALGreen 5.507.4.1-3	Comply with sound transmission limits (STC-50 exteriors near freeways/airports; STC-45 exteriors if 65db Leq at any time; STC-40 interior walls/floor-ceilings between tenants).	•	•		
	AIR FILTRATION (CONSTRUCTION)	CALGreen 5.504.1-3	Seal permanent HVAC ducts/equipment stored onsite before installation.	•	•		
	AIR FILTRATION (OPERATIONS)	CALGreen 5.504.5.3	Provide MERV-13 filters on HVAC for regularly occupied, actively ventilated spaces.	•	•		

PROJECT NAME \_\_\_\_\_

BLOCK/LOT \_\_\_\_\_

ADDRESS \_\_\_\_\_

PRIMARY OCCUPANCY \_\_\_\_\_

GROSS BUILDING AREA \_\_\_\_\_

Green Building Compliance Professional of Record will verify compliance.

NAME \_\_\_\_\_

FIRM \_\_\_\_\_

ARCHITECTURAL OR ENGINEERING LICENSE \_\_\_\_\_

I am a LEED Accredited Professional

I am a GreenPoint Rater

I am an ICC Certified CALGreen Inspector

To the best of my knowledge, it is my professional opinion the green building requirements of the City of San Francisco will be met for the above referenced project. I have been retained by the project sponsor to review all submittal documents and construction properly reflect the requirements of the San Francisco Green Building Code. I will notify the Department of Building Inspection if I believe to the best of my knowledge that the project will, for any reason, not substantially comply with these green building requirements, or if I am no longer the Green Building Compliance Professional of Record for this project.

LICENSED PROFESSIONAL (sign & date) \_\_\_\_\_

**AFFIX STAMP BELOW:**