

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

INSTRUCTIONS: 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	ALTERATIONS + ADDITIONS	REFERENCES	VERIFICATION
Submittal must be a minimum of 24" x 36". This form is for permit applications submitted January 2020 through December 2022.				<input type="checkbox"/> OTHER NON-RESIDENTIAL F,H,L,S,U or A,B,E,I,M less than 25,000 sq.ft.	<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	DRAWING OR SPECIFICATION # (If not applicable, indicate "N/A".)	PROJECT NAME <hr/> BLOCK/LOT <hr/> ADDRESS <hr/> PRIMARY OCCUPANCY <hr/> GROSS BUILDING AREA <hr/> Green Building Compliance Professional of Record will verify compliance.
TITLE	SOURCE OF REQUIREMENT	DESCRIPTION OF REQUIREMENT					
MATERIAL EMISSIONS	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.	•	•		
WATER	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).	•	•		
ENERGY	ALL-ELECTRIC CONSTRUCTION	SFBC 106A.1.17	Application for Permit June 1, 2021 or after: 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 comply with California 2019 Energy Standards. Application for permit Feb 17, 2020 or after: New all-electric buildings; meet Title 24 2019. 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 AND reduce energy use at least 10% compared to Title 24 2019.	•	•		NAME <hr/>
	BETTER ROOFS	SFGBC 5.201.1.2	New buildings with ≤10 floors and ≥2,000 sq.ft. must designate 15% of roof Solar Ready, per Title 24 rules. Install photovoltaics or solar hot water systems in this area. With Planning Department approval, projects subject to SFPUC Stormwater Requirements may substitute living roof for solar energy systems.	•	n/r		FIRM <hr/>
	RENEWABLE ENERGY	SFGBC 5.201.1.3	New commercial buildings ≥ 11 floors must Generate ≥1% of annual energy cost on-site with renewables, OR Reduce energy use an additional ≥10% compared to Title 24 Part 6 2019, OR Purchase renewable energy for 50% of electricity use.	•	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.	•	•		ARCHITECTURAL OR ENGINEERING LICENSE <hr/>
PARKING	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		<input type="checkbox"/> I am a LEED Accredited Professional
	DESIGNATED PARKING	CALGreen 5.106.5.2	Comply with Table 5.106.5.2 (approx. 8% of total spaces).	•	if >10 stalls added		<input type="checkbox"/> I am a GreenPoint Rater
	WIRING FOR EV CHARGING	SFGBC 5.106.5.3	Permit application January 2018 or after: Construct all off-street parking spaces for passenger vehicles and trucks with dimensions capable of installing EVSE. Install service capacity and panelboards sufficient to provide ≥40A 208 or 240V to EV chargers at 20% of spaces. Install ≥40A 208 or 240V branch circuits to ≥10% of spaces, terminating close to the proposed EV charger location. Installation of chargers is not required. Projects with zero off-street parking exempt. See SFGBC 4.106.4, or SFGBC 5.106.5.3 for details. Permit applications prior to January 2018 only: Install infrastructure to provide electricity for EV chargers at 6% of spaces (CalGreen 5.106.5.3). Installation of chargers is not required. All permit application dates: Installation of chargers is not required. Projects with zero off-street parking exempt.	•	n/r		<input type="checkbox"/> I am an ICC Certified CALGreen Inspector
RESOURCE RECOVERY	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: www.sfenvironment.org/refusecalculator .	•	•		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 verify that approved construction 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.
	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	Construction Discards Management - 100% of mixed debris must be taken by a Registered Transporter to a Registered facility and processed for recycling. Demonstrate ≥65% recovery. See www.sfdbi.org for details.	•	•		
HVAC	REFRIGERANT MANAGEMENT	CALGreen 5.508.1	Use no halons or CFCs in HVAC.	•	•		
GOOD NEIGHBOR	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.	•	•		LICENSED PROFESSIONAL (sign & date) <hr/>
	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.	•	•		AFFIX STAMP BELOW:
	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		
POLLUTION PREVENTION	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		
INDOOR ENVIRONMENTAL QUALITY	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.	•	•		