GS4: San Francisco Green Building Submittal Form for Non-Residential Interior-Only Alteration Projects

1. Select fulfillr		applicable requirement in the column, indicate evidence of ems that are not applicable, indicate "N/A".	NON-RESIDENTIAL INTERIOR-ONLY ALTERATION	REFERENCES	VERIFICATION
3. Subm	e project information in the Verificat ttal must be a minimum of 24" x 36"		A,B,E,F,H,L,I,M,S,U greater than \$200,000		
4. This f	rm is for permit applications submi	ted January 2020 through December 2022. MARK WHICH SCOPES ARE	greater than \$200,000		PROJECT NAME
		INCLUDED IN THIS SUBMITTAL			BLOCK/LOT
	TITLE	SOURCE OF REQUIREMENT DESCRIPTION OF REQUIREMENT	ARCHITECTURE MECHANICAL PLUMBING	DRAWING OR SPECIFICATION # (If not applicable, indicate "N/A".)	
MATERIAL	LOW-EMITTING MATERIALS	CALGreen 5.504.4.1-6 Use products that comply with the emission limit requirements of 5.504.4.1-6 for adhesives, sealants, paints, coatings, carpet including cushions and adhesives, resilient flooring (80% of area), and composite wood products.	systems		ADDRESS PRIMARY OCCUPANCY
M M M					PRIMARY OCCUPANCY
	INDOOR WATER USE	Meet flush/flow requirements for: toilets (1.28gpf); urinals (0.125gpf wall, 0.5gpf floor); showerheads (2.0gpm); lavatories (1.2gpc); food waste d (1gpm/8gpm).	gpm isposers		GROSS BUILDING AREA
WATER	REDUCTION	SF Building Code (1gpm/8gpm). ch.13A Large non-residential interiors projects must upgrade all non-compliant fixtures per SF Building Code ch.13A.			Green Building Complia Professional of Recor for Architectural Measu
WA.	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).	•		I have been retained by the pasponsor to verify that appropriate to verify that appropriate that the requirements of the past of Building Inspection if I am no longer the Green Building Inspection I am no longer the Green Building Inspection I am no longer the Green Building I am no longer the Green B
NERGY	ENERGY EFFICIENCY	CA Energy Code Comply with all provisions of the CA Energy Code.	•		be met. I will notify the Depa of Building Inspection if the p will, for any reason, not substa comply with these requiremen if I am no longer the Green B Compliance Professional of F for the project.
EN	COMMISSIONING	CALGreen 5.410.4 All new HVAC equipment must be tested and adjusted.	•		NAME
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 material For help estimating adequate space for collection by hauler, see supporting materials including a design guide and calculator www.sfenvironment.org/refusecalculator.	s. at:		ARCHITECTURAL OR ENGINEERING LICENSE
RESOL	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 processed for recycling. Demonstrate 65% recovery. See www.dbi.org for details.	y and •		LICENSED PROFESSIONA (sign & date) AFFIX STAMP BELOW:
HVAC	REFRIGERANT MANAGEMENT	CALGreen 5.508.1 Use no halons or CFCs in HVAC.	•		
OR MENTAL ITY	AIR FILTRATION (CONSTRUCTION)	CALGreen 5.504.1-3 Seal permanent HVAC ducts/equipment stored onsite before installation.	•		Green Building Complia
INDOOR ENVIRONMENTAL QUALITY	AIR FILTRATION (OPERATIONS)	CALGreen 5.504.5.3 Projects must provide MERV-13 filters on HVAC for regularly occupied, actively ventilated spaces.			Green Building Complia Professional of Record Mechanical and/or Plumb Measures I have been retained by the part of San Francisco Green B
		FOR YOUR INFORMATION		•	I have been retained by the page sponsor to verify that approximation documents construction fulfill the require of San Francisco Green Boundary Code. It is my professional of that the requirements of the Francisco Green Building Code be met. I will notify the Depart of Building Inspection if the page of Building Inspection if th

Indoor Wa	ter Efficiency	
Each fixture must not exceed CA	LGreen 5.303 maximum flow rates.	
FIXTURE TYPE	MAXIMUM FIXTURE FLOW RATE	
Showerheads ²	1.8 gpm @ 80 psi	
Lavatory Faucets: non-residential	0.5 gpm @ 60 psi	
Kitchen Faucets	1.8 gpm @ 60 psi default	
Wash Fountains	1.8 gpm / 20 [rim space (inches) @ 60 psi]	
Metering Faucets	.20 gallons per cycle	
Metering Faucets: wash fountains	.20 gallons per cycle / 20 [rim space (inches) @ 60 psi]	NOTES: 1. For dual flush toilets, effective flush volume is
Tank-type water closets	1.28 gallons / flush¹ and EPA WaterSense Certified	defined as the composite, average flush volume of two reduced flushes and one full flush. The referenced standard is ASME A112.19.14 and USEPA WaterSense Tank-Type High Efficiency T
Flushometer valve water closets	1.28 gallons / flush1	Specification – 1.28 gal (4.8L)
Urinals	Wall mount: 0.125 gallons / flush	2. The combined flow rate of all showerheads in one shower stall shall not exceed the maximum flow ra
	Floor mount: 0.5 gallons / flush	for one showerhead, or the shower shall be design

to allow only one showerhead to be in operation at a

time (CALGreen 5.303.2.1)

Water Efficiency of Existing Non-Compliant Fixtures

All fixtures that are not compliant with the San Francisco
Commercial Water Conservation Ordinance that serve or are
located within the project area must be replaced with fixtures or
fittings meeting the maximum flow rates and standards referenced
above. For more information, see the Commercial Water
Conservation Program Brochure, available at SFDBI.org.

NON-COMPLIANT PLUMBING FIXTURES INCLUDE:

- 1. Any toilet manufactured to use more than 1.6 gallons/flush
- 2. Any urinal manufactured to use more than 1 gallon/flush3. Any showerhead manufactured to have a flow capacity of more
- 3. Any showerhead manufactured to have a flow capacity of more than 2.5 gpm
- 4. Any interior faucet that emits more than 2.2 gpm

Exceptions to this requirement are limited to situations where replacement of fixture(s) would detract from the historic integrity of the building, as determined by the Department of Building Inspection pursuant to San Francisco Building Code Chapter 13A.

sponsor to verify that approved construction documents and construction fulfill the requirements of San Francisco Green Building Code. It is my professional opinion that the requirements of the San Francisco Green Building Code will be met. I will notify the Department of Building Inspection if the project will, for any reason, not substantially comply with these requirements, or if I am no longer the Green Building Compliance Professional of Record for the project.

NAME

IRM

ARCHITECTURAL OR ENGINEERING LICENSE

LICENSED PROFESSIONAL (sign & date)

AFFIX STAMP BELOW: