

FRS FLOW for Project at 2550 Irving Street San Francisco.
Type I A construction with sprinkler protection per NFPA 13, 2016.

Description	Requirement
Fire Area based on the 2019 California Fire Code (CFC) Appendix B Section B104 of the total area of 3 largest floor levels, 15,000 x 3 = 45,000 sq ft	45,000 sq ft
Minimum fire flow requirements based on the 2019 CFC, Table B105.1(2) for Type I A, fire area of 45,000 sq ft, including maximum reduction for sprinkler protection, e 25% of 2250 = 562.5. Use Minimum 1000 gpm per Table B105.2.	1000 gpm for 2 hours
OR Estimated fire flow for fire sprinkler system design.	1500 gpm
Estimated flow for fire sprinkler system design based on Extra Hazard Group 2, = 0.40 gpm per sq ft, over 2500 sq ft for car stacks, Single lift platform.	(50% safety factor for sprinkler flow hydraulic adjustment)
Estimated total sprinkler demand	1500 gpm
Inside/outside combined hose requirement from NFPA 13 (2016) Table 11.2.3.1.2 for hydraulically designed systems.	500 gpm
Total Fire Flow Required (worst case of either the Building Fire Flow or Estimated Fire Sprinkler Demand = in this case, Sprinkler demand)	2000 gpm
Available at 66 psi residual	1037
Available at 20 psi residual, calculated	2756

The available Water Supply flow in the city main at 20 psi is based on the following calculation and the water flow information provided by the San Francisco Fire Department:

S = static pressure of 75 psi.
R1 = test residual pressure of 66 psi.
Q1 = test flow of 1037 gpm at residual of 66 psi (R1).
R2 = residual pressure of 20 psi (the maximum fire flow pressure allowed per CFC Appendix B).
Q2 = flow at residual pressure of 20 psi (R2).

Q2 = 2756 gpm
The available water supply of 2756 exceeds the fire flow requirement of 2000 gpm.

Q1	1037
POWER	0.54
S	75
R2 (max fire flow pressure)	20
R1	66
Q2	2,756.03



SAN FRANCISCO FIRE DEPARTMENT
BUREAU OF FIRE PREVENTION
PLAN CHECK DIVISION - WATER FLOW
SUITE 500, 49 SOUTH VAN NESS
SAN FRANCISCO, CA 94133
Email: Waterflow@SFFD.org
Phone: 415-475-3473
Payment (VISA/MC): 415-462-3472 (M-F, 9am-4pm)

REQUEST FOR WATER FLOW INFORMATION

(For additional information, see Water Flow FAQs at: <https://www.sfd.org/files/default/faq/FAQs/FAQs-Water-Flow-FAQs.pdf>)

REQUEST IS FOR: FIRE FLOW- YES ☒ NO ☐ SPRINKLER DESIGN- YES ☐ NO ☒

DATE: 1/26/22
CONTACT PERSON: Hernandez Kaur
PHONE #: hkauf@tndc.org
OWNER'S NAME: 2550 Irving Associates, L.P.
ADDRESS: 201 Eddy St., SF, CA 94102
EMAIL: hkauf@tndc.org
PHONE #:

ADDRESS FOR WATER FLOW INFORMATION: 2550 Irving St., SF, CA 94122

CROSS STREETS (BOTH ARE REQUIRED): 26th Ave & 27th Ave

SPECIFY STREET FOR WATER DEPT CONNECTION: Irving Street

PROVIDE PROJECT LOCATION SKETCH HERE:



OCCUPANCY TYPE (CIRCLE ONE): R3 ☒ RETAIL ☐ WORK ☐ COMMERCIAL ☐ OTHER ☐
HAZARD CLASSIFICATION: 1 ☒ ORD 1 ☐ ORD 2 ☐ EXT 1 ☐ EXT 2 ☐ OTHER ☐
CAR STACKER: YES ☒ NO ☐
NUMBER OF STORIES: 7
HEIGHT OF BLDG (FT): 85ft

- SUBMIT FORM WITH A FIELD CHECK (PAYABLE TO SFFD) OR PAY BY CREDIT CARD (PHONE # ABOVE)
- REQUESTS FOR SPRINKLER FLOW TEST WILL BE NOTIFIED BY EMAIL. WITH AN ADDITIONAL FEE OF \$1000 WILL BE REQUIRED.
- WATER FLOW INFORMATION WILL BE RETURNED BY EMAIL.
- INCOMPLETE FORMS WILL NOT BE PROCESSED.
- PLEASE ALLOW FOR A MINIMUM OF 7 TO 14 BUSINESS DAYS FOR PROCESSING

*****Official Use Only*****
Flow data provided by: LAU MATSUBAYASHI Date forwarded: 2/11/22

Flow data:

☒ FIELD FLOW TEST
☐ RECORDS ANALYSIS
Gate Page 53

STATIC 75 PSI
RESIDUAL 66 PSI
FLOW 1037 GPM
8 INCH MAIN on Irving

Rev: 01/27/2020



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HAZARD CLASSIFICATION: 1 ☒ ORD 1 ☐ ORD 2 ☐ EXT 1 ☐ EXT 2 ☐ OTHER ☐
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Flow data:

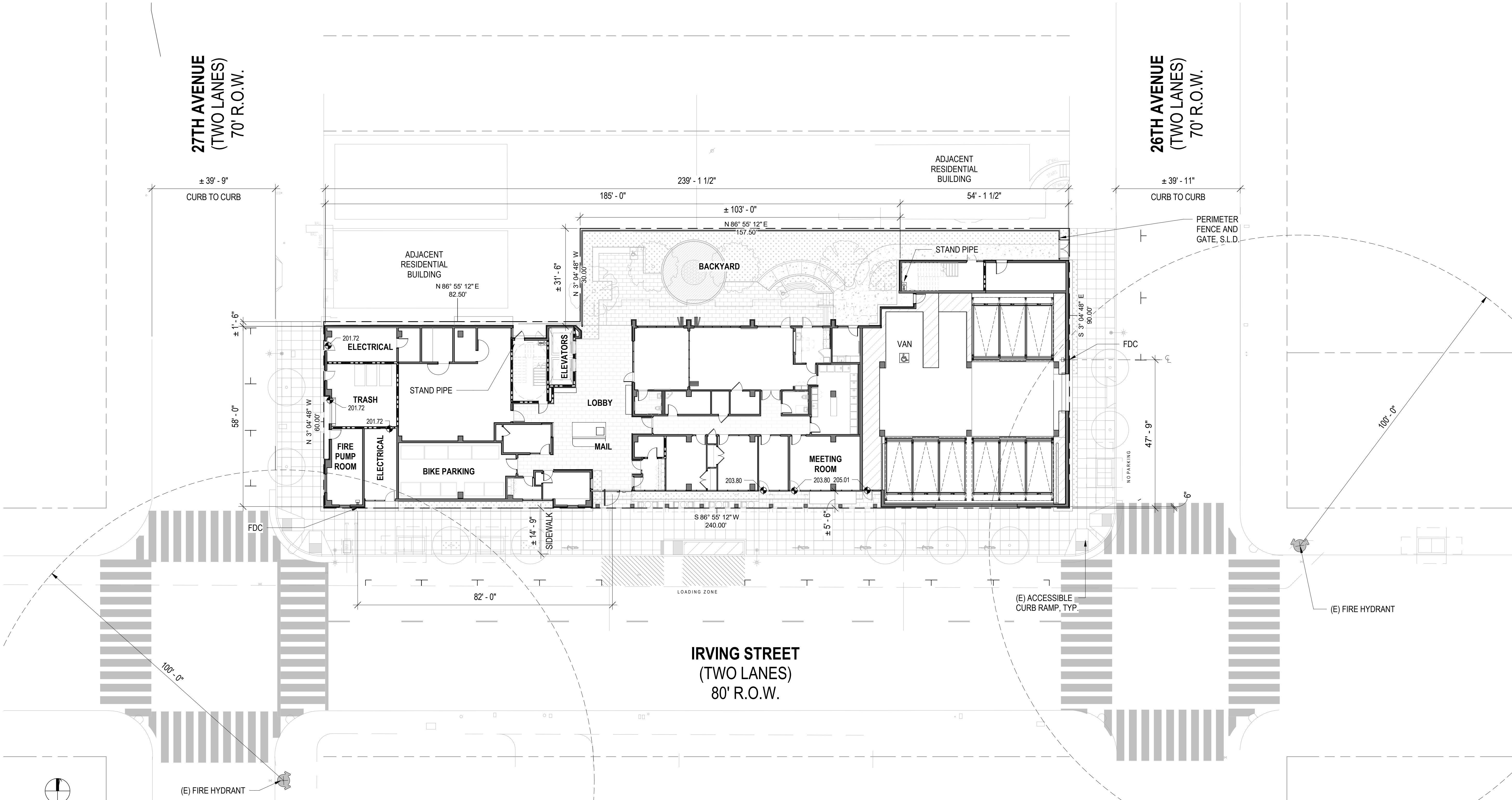
☒ FIELD FLOW TEST
☐ RECORDS ANALYSIS
Gate Page 53

STATIC 74 PSI
RESIDUAL 68 PSI
FLOW 933 GPM
6 INCH MAIN on 27th Ave

Rev: 01/27/2020

FIRE AND LIFE SAFETY NOTES

- FIRE DETECTION HOSE CONNECTIONS SHALL BE PROVIDED AT EACH STORY ABOVE AND BELOW GRADE PLANE, LOCATED AT AN INTERMEDIATE LANDING BETWEEN STORIES PER CBC 905.4. AND AT ROOF LEVEL PER CBC 905.3.8.
- MAIN FIRE ALARM AND ANNUNCIATOR PANEL SHALL BE PROVIDED IN LOCATION WITHIN SIGHT OF THE MAIN LOBBY DOORS AND NEXT TO ANY EMERGENCY TWO-WAY COMMUNICATION SYSTEM USED TO SATISFY CBC 1008.6.5 FOR EGRESS ACCESSIBILITY PURPOSES.
- VISUAL DEVICES TIED TO FIRE ALARM SYSTEM THROUGHOUT.
- KNOX BOXES TO BE PROVIDED AT MAIN BUILDING POINTS OF ENTRY. EXIT LOCATION TO BE DETERMINED IN COORDINATION WITH THE FIRE DEPARTMENT.
- THE BUILDING ADDRESS SHALL BE PLAINLY VISIBLE FROM THE STREET FRONTING THE PROPERTY. THE LETTERING SHALL BE SIZED, INSTALLED AND LIT ACCORDING TO CBC 505.1. ADDITIONAL NUMBERS MAY BE REQUIRED PER FIRE CODE OFFICIAL TO FACILITATE EMERGENCY RESPONSE. UNIT NUMBERS OR LETTERS IN A BUILDING WITH MIXED OCCUPANCY SHALL BE AFFIXED TO THE DOOR ENTERING THE SPACE OR LOCATED ON THE WALL NEAR THE ENTRANCE AND VISIBLE FROM THE ENTRANCE.
- THE MEANS OF EGRESS, INCLUDING ALL EXITS & EGRESS PATHS EXTENDING TO A PUBLIC RIGHT OF WAY, SHALL HAVE LIGHTING WITH AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE FLOOR LEVEL PER CBC 1008.
- THE POWER SUPPLY FOR EXIT ILLUMINATION SHALL BE PROVIDED BY THE BUILDING'S ELECTRICAL SYSTEM. IN THE EVENT OF BUILDING SYSTEM FAILURE, ILLUMINATION SHALL BE PROVIDED BY AN EMERGENCY SYSTEM PER CBC 1008.3.
- EXTERIOR EMERGENCY LIGHTING AND FIRE ALARM DEVICES REQUIRED IN EXTERIOR ASSEMBLY AREAS WITH MAXIMUM OCCUPANT LOAD SIGNAGE POSTED.
- EXIT SIGNAGE SHALL BE PROVIDED WHERE REQUIRED PER CBC SECTION 1013, TO INDICATE PATH OF EGRESS TRAVEL. COMPLY WITH CBC SECTION 1013 FOR REQUIREMENTS REGARDING GRAPHICS, ILLUMINATION AND POWER SUPPLY.
- PROVIDE FIRE ALARM SYSTEM AND SMOKE ALARMS AT GROUP R-2 OCCUPANCIES PER CBC 907.2.9
- PROVIDE CARBON MONOXIDE ALARMS PER 2019 CBC SECTION 915.1.1.
- A SMOKE DETECTOR SHALL BE PROVIDED AT ALL REQUIRED FIRE RATED DOORS EQUIPPED WITH MAGNETIC HOLD OPEN DEVICES. LOCATE SMOKE DETECTOR WITHIN 5'-0" OF THE DOOR.
- AN AUTOMATIC SPRINKLER SYSTEM IS REQUIRED PER 2019 CBC 903.2.8 AND SHALL CONFORM TO NFPA 13 (OR 13R) AS AMENDED BY CBC.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING THE DESIGN AND INSTALLATION OF FIRE SPRINKLER SYSTEM MEETS THE REQUIREMENTS OF ALL APPLICABLE CODES, INCLUDING 2016 EDITIONS OF NFPA 13 SPRINKLERS, NFPA 14 FOR STANDPIPES, NFPA 12 FIRE ALARM, NFPA 20 FIRE PUMPS, AND NFPA 24 FOR SPRINKLER UNDERGROUND.
- FLOOR CONTROL VALVES AND WATERFLOW DETECTION ASSEMBLIES FOR SPRINKLER SYSTEM REQUIRED AT EACH LEVEL PER CBC 903.3.9
- INSTALL CLASS 1 STANDPIPE SYSTEM AS REQUIRED PER CBC 905.3 AND NFPA 14.
- PROVIDE SPRINKLER HEAD ON TOP OF WASTE CHUTES, IN TERMINATION ROOMS, AND AT ALTERNATE FLOOR LEVELS WITHIN WASTE CHUTES.
- SPRINKLER PROTECTION IS REQUIRED UNDER COMBUSTIBLE BALCONIES PER CBC 903.3.1.2
- SPRINKLER MONITORING IS REQUIRED PER CBC 903.4.
- UNITS DESIGNATED AS "COMMUNICATION ACCESSIBLE" (SEE PLANS) REQUIRE HORN/STROBE NOTIFICATION DEVICE IN ALL ROOMS.
- PROVIDE FIRE EXTINGUISHING SYSTEM PER FIRE DEPARTMENT REQUIREMENTS. SYSTEM TO COMPLY WITH ALL STATE AND LOCAL REQUIREMENTS.
- FIRE EXTINGUISHERS ARE REQUIRED PER CBC 906. FIRE EXTINGUISHERS IN THE GARAGE AND RESIDENTIAL AREAS SHOULD BE SIZED AT 2A:20BC.
- PORTABLE FIRE EXTINGUISHERS (PFE) ARE REQUIRED PER CBC 906 PER TABLE 906.3(1). MAXIMUM DISTANCE TRAVELED TO REACH AN EXTINGUISHER IS 75'. LAYOUT TO ALSO COMPLY MAXIMUM AREA COVERED.
- SEE PLANS FOR EXTINGUISHER CABINET LAYOUT. PER CBC 906.9.1, INSTALL EXTINGUISHERS SO THAT THEIR TOPS ARE NOT MORE THAN 5'-0" AFF.
- EMERGENCY RESPONDER RADIO COVERAGE SYSTEMS (ERRCS) SHALL BE INSTALLED, TESTED, AND MAINTAINED IN ACCORDANCE WITH ANNEX G OF THE 2015 EDITION OF THE NFPA 5000 STANDARD AND CFC 510.4. UPON COMPLETION OF BUILDING CONSTRUCTION, ERRCS TEST SHALL BE CONDUCTED PER STANDARD. IF IT FAILS, THEN AN ERRCS SHALL BE INSTALLED. CONSTRUCTION PLANS FOR THE RADIO COVERAGE SYSTEMS SHALL BE SUBMITTED TO THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
- REFER TO ASSEMBLY NOTES FOR FIRE RATED WALL ASSEMBLIES AND PROTECTION.



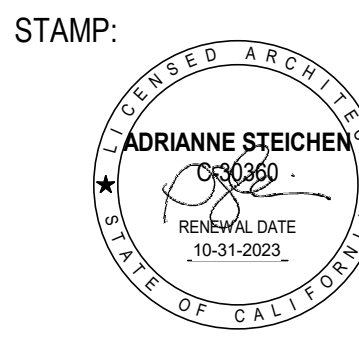
FIRE ACCESS PLAN
1/16" = 1'-0" ①

Pyatok
1611 TELEGRAPH AVE.
SUITE 200
OAKLAND, CA 94612
T: 510.465.7010 | F: 510.465.8575
www.pyatok.com



TNDC
201 Eddy Street
San Francisco, CA
94102

2550 IRVING ST
2550 Irving Street
San Francisco, CA 94122



REVISION SCHEDULE
NO. | ISSUE | DATE
SITE PERMIT | OCT2021

JOB NUMBER: 1941
DRAWN BY: GJ-JB
CHECKED BY: AS, SP, KSS
ISSUE DATE: 04/27/2022
SCALE: 1/16" = 1'-0"
TITLE: FIRE CODE - COMPLIANCE

SHEET:

G4.01

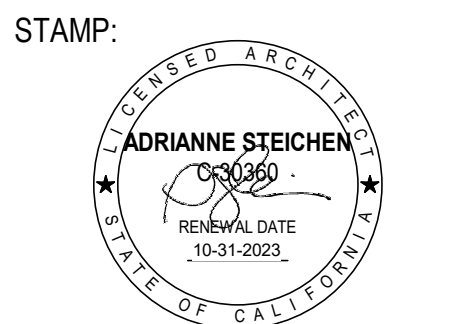


TNDc
201 Eddy Street
San Francisco, CA
94102

Form version: April 1, 2020 (For permit applications January 2020 - December 2022)

GS1: San Francisco Green Building Site Permit Submittal Form			
<div><div><div>INSTRUCTIONS: 1. Select one (1) column to identify requirements for the project. For addition and alteration projects, applicability of specific requirements may depend upon project scope. 2. Provide the Project Information in the box at the right. To ensure legibility of DBI archives, submittal must be a minimum of 24" x 36". A LEED or GreenPoint Rated Scorecard is not required with site permit application, but using such tools as early as possible is recommended. <i>Attachment GS2, GS3, GS4, GS5 or GS6 will be due with the applicable addendum. A separate "FINAL COMPLIANCE VERIFICATION" form will be required prior to Certificate of Completion. For details, see Administrative Bulletin 93. For Municipal projects, additional Environment Code Chapter 7 requirements may apply; see GS6.</i></div><div><div>CHECK THE ONE COLUMN THAT BEST DESCRIBES YOUR PROJECT</div><div></div></div></div><div><div><div>NEW CONSTRUCTION</div><div><div><input type="checkbox"/> LOW-RISE RESIDENTIAL 1-3 Floors</div><div><input checked="" type="checkbox"/> HIGH-RISE RESIDENTIAL 4+ Floors</div><div><input type="checkbox"/> LARGE NON-RESIDENTIAL A,B,E,I,M 25,000 sq.ft. or greater</div><div><input type="checkbox"/> OTHER NON-RESIDENTIAL F,H,L,S,U or A,B,E,I,M less than 25,000 sq.ft.</div></div><div>ALTERATIONS + ADDITIONS</div><div><div><input type="checkbox"/> RESIDENTIAL MAJOR ALTERATIONS + ADDITIONS R 25,000 sq.ft. or greater</div><div><input type="checkbox"/> OTHER RESIDENTIAL ALTERATIONS + ADDITIONS R adds any amount of conditioned area</div><div><input type="checkbox"/> NON-RESIDENTIAL MAJOR ALTERATIONS + ADDITIONS B,M 25,000 sq.ft. or greater</div><div><input type="checkbox"/> FIRST-TIME NON-RESIDENTIAL INTERIORS A,B,I,M 25,000 sq.ft. or greater</div><div><input type="checkbox"/> OTHER NON-RESIDENTIAL INTERIORS, ALTERATIONS + ADDITIONS A,B,E,F,H,L,I,M,S,U more than 1,000 sq.ft. or \$200,000</div></div></div><div><div>PROJECT INFO</div><div>PROJECT NAME</div><div>BLOCK/LOT</div><div>ADDRESS</div><div>PRIMARY OCCUPANCY</div><div>GROSS BUILDING AREA</div><div>DESIGN PROFESSIONAL or PERMIT APPLICANT (sign & date)</div></div></div></div>			
LEED/GPR	TITLE	SOURCE OF REQUIREMENT	DESCRIPTION OF REQUIREMENT
	Required LEED or GPR Certification Level	SFGBC 4.103.1.1, 4.103.2.1, 4.103.3.1, 5.103.1.1, 5.103.3.1 & 5.103.4.1	Project is required to achieve sustainability certification listed at right.
	Adjustment for Retention/Demolition of Historic Features/Buildings	SFGBC 4.104, 4.105, 5.104 & 5.105	Enter any applicable adjustments to LEED or GPR point requirements in box at right.
MATERIAL EMISSIONS	LOW-EMITTING MATERIALS	CALGreen 4.504.2.1-5 & 5.504.4.1-6, SFGBC 4.103.3.2, 5.103.1.9, 5.103.3.2 & 5.103.4.2	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. Major alterations to existing residential buildings must use low-emitting coatings, adhesives and sealants, and carpet systems meeting GPR measures K2, K3 and L2 or LEED EQc2. New large non-residential interiors and major alterations to existing residential and non-residential buildings: interior paints, coatings, sealants, adhesives when applied on-site, flooring and composite wood must meet the requirements of LEED credit Low-Emitting Materials (EQc2).
WATER	INDOOR WATER USE REDUCTION	CALGreen 4.303.1 & 5.303.3, SFGBC 5.103.1.2, SF Housing Code sec.12A10, SF Building Code ch.13A	Meet flush/flow requirements for: toilets (1.28gpf); urinals (0.125gpf wall, 0.5gpf floor); showerheads (1.8gpm); 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). Residential projects must upgrade all non-compliant fixtures per SF Housing Code sec.12A10. Large non-residential interiors, alterations & additions must upgrade all non-compliant fixtures per SF Building Code ch.13A. New large non-residential buildings must also achieve minimum 30% indoor potable water use reduction as calculated to meet LEED credit Indoor Water Use Reduction (WEC2).
	NON-POTABLE WATER REUSE	Health Code art.12C	New buildings ≥ 40,000 sq.ft. must calculate a water budget. New buildings ≥250,000 sq.ft. must treat and use available rainwater, graywater, and foundation drainage and use in toilet and uninal flushing and irrigation. See www.sfwater.org for details.
	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 (1.55 for residential, .45 for non-residential or less) or by prescriptive compliance for projects with ≤2,500 sq.ft. of landscape area. See www.sfwater.org for details.
	WATER METERING	CALGreen 5.303.1, Plumbing Code 601.2.1	Provide submeters or utility meters for: Nonresidential spaces projected to consume more than 1,000 gal/day, or more than 100 gal/day if in buildings ≥ 50,000 sq. ft. AND each individual residential dwelling unit.
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. Application for Permit Jan 2 through Feb 16, 2020: Comply with Title 24 Part 6 (2019) and meet GreenPoint Rated or LEED energy prerequisites. See Attachment H for details.
	ENERGY EFFICIENCY	CA Title 24 Part 6, SFGBC 4.201.3, 5.201.1.1	Application for permit Feb 17, 2020 or after: All-Electric buildings of any occupancy. Comply with all provisions of Title 24 2019. Mixed-fuel: 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 New low-rise residential mixed fuel (with natural gas): Demonstrate Total Energy Design Rating ≤14. New buildings mixed fuel (with natural gas) of any occupancy excepting F, L, or H: Reduce energy use at least 10% compared to Title 24 2019.
	BETTER ROOFS	SFGBC 4.201.1 & 5.201.1.2, T24 110.10, 150.1(c)14, & 150.1(c)16	New non-residential buildings >2,000 square feet and ≤ 10 floors, and new residential buildings of ≥4 and ≤10 floors, must designate 15% of roof as Solar Ready, applying 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. New single family buildings and residential buildings of ≤3 floors must install photovoltaics.
	RENEWABLE ENERGY	SFGBC 5.201.1.3	New commercial buildings ≥ 11 floors must Generate ≥1% of annual energy cost on-site with renewables (LEEDv4 EAc5), OR Reduce energy use an additional ≥10% compared to Title 24 Part 6 2019, OR Purchase Green-E renewable energy for 50% of electricity use (LEEDv4 EAc7).
	COMMISSIONING (Cx)	CALGreen 5.410.2 - 5.410.4.5.1	For projects ≥10,000 sq.ft, include Owners Project Requirements, Basis of Design, and commissioning plan in design & construction. Perform commissioning. Alterations & additions with new HVAC equipment must test and adjust all equipment.
PARKING	BICYCLE PARKING	CALGreen 5.106.4, Planning Code 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.
	DESIGNATED PARKING	CALGreen 5.106.5.2	Mark 8% of total parking stalls for low-emitting, fuel efficient, and carpool/van pool vehicles.
	WIRING FOR EV CHARGERS	SFGBC 4.106.4 & 5.106.5.3	Permit application January 2018 or after: Construct all new 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. Installation of chargers is not required.
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.sfeenvironment.org/refusecalculator.
	CONSTRUCTION & DEMOLITION (C&D) DISCARDS MANAGEMENT	SFGBC 4.103.2.3, 5.103.1.3.1, CalGreen, Environment Code ch.14, SF Building Code ch.13B	100% of mixed debris must be taken by a Registered Transporter to a Registered Facility and be processed for recycling. Divert a minimum of 65% or 75% of total C&D debris as noted at
HVAC	HVAC INSTALLER QUALS	CALGreen 4.702.1	Installers must be trained and certified in best practices.
	HVAC DESIGN	CALGreen 4.507.2	HVAC shall be designed to ACCA Manual J, D, and S.
	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.
	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, Health Code art.19F	For non-residential projects, prohibit smoking within 25 feet of building entries, air intakes, and operable windows. For residential projects, prohibit smoking within 10 feet of building entries, air intakes, and operable windows and enclosed common areas.
	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.
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. See www.sfwater.org for details.
	CONSTRUCTION SITE RUNOFF CONTROLS	Public Works Code art.4.2 sec.146	Provide a construction site Stormwater Pollution Prevention Plan and implement SFPUC Best Management Practices. See www.sfwater.org for details.
INDOOR ENVIRONMENTAL QUALITY	ACOUSTICAL CONTROL	CALGreen 5.507.4.1-3, SF Building Code sec.1207	Non-residential projects must 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). New residential projects' interior noise due to exterior sources shall not exceed 45db.
	AIR FILTRATION (CONSTRUCTION)	CALGreen 4.504.1-3 & 5.504.1.3	Seal permanent HVAC ducts/equipment stored onsite before installation.
	AIR FILTRATION (OPERATIONS)	CALGreen 5.504.5.3, SF Health Code art.38	Non-residential projects must provide MERV-13 filters on HVAC for regularly occupied, actively ventilated spaces. Residential new construction and major alteration & addition projects in Air Pollutant Exposure Zones per SF Health Code art.38 must provide MERV-13 filters on HVAC.
	CONSTRUCTION IAQ MANAGEMENT PLAN	SFGBC 5.103.1.8	During construction, meet SMACNA IAQ guidelines; provide MERV-13 filters on all HVAC.
RESIDENTIAL	ELECTRIC READY	Title 24 2019 150.0(n) SFGBC 4.103.1, 4.103.2	For each gas water heater serving an individual dwelling unit, include a dedicated 125v 20A electrical receptacle with 120/240v 3-conductor 10AWG copper branch circuit adjacent to the water heater. Label both ends of the unused conductor "spare". Reserve one circuit breaker in the electrical panel and label "Future 240V Use". Pre-wire gas dryers with conductor rated for 40-amp circuit, pre-wire gas ranges with conductor rated for 50-amp circuit.
	GRADING & PAVING	CALGreen 4.106.3	Show how surface drainage (grading, swales, drains, retention areas) will keep surface water from entering the building.
	RODENT PROOFING	CALGreen 4.406.1	Seal around pipe, cable, conduit, and other openings in exterior walls with cement mortar or DBI-approved similar method.
	FIREPLACES & WOODSTOVES	CALGreen 4.503.1	Install only direct-vent or sealed-combustion, EPA Phase II-compliant appliances.
	CAPILLARY BREAK	CALGreen 4.505.2	Slab on grade foundation with vapor retarder requires capillary break, such as 4 inches 1/2-in aggregate & slab design by licensed professional.
	MOISTURE CONTENT	CALGreen 4.505.3	Wall and floor wood framing must have <19% moisture content before enclosure.
	BATHROOM EXHAUST	CALGreen 4.506.1	Must be ENERGY STAR compliant, ducted to building exterior, and its humidistat shall be capable of adjusting between <50% to >80%. (Humidistat may be separate component).

2550 IRVING ST
2550 Irving Street
San Francisco, CA 94122



REVISION SCHEDULE NO. | ISSUE | DATE

SITE PERMIT OCT072021

JOB NUMBER 1941
DRAWN BY: CA, AB
CHECKED BY: AS, SP, KSS
ISSUE DATE: 04/27/2022

SCALE:
TITLE:
SF GREEN BUILDING FORM

SHEET:

G7.00