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ACRONYMS AND ABBREVIATIONS

$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
$\mu\text{in}/\text{sec}$	microinch(es) per second
$^{\circ}\text{C}$	degrees Celsius
$^{\circ}\text{F}$	degrees Fahrenheit
2000 CAP	<i>Bay Area 2000 Clean Air Plan</i>
2005 Bay Area Ozone Strategy	<i>2005 Ozone Strategy for the San Francisco Bay Area</i>
AB	Assembly Bill
AB 32	California Global Warming Solutions Act of 2006
ABAG	Association of Bay Area Governments
ACC	Ambulatory Care Center
ADMP	asbestos dust mitigation plan
ADRP	archaeological data recovery plan
ADT	average daily traffic
Alquist-Priolo Act	Alquist-Priolo Earthquake Fault Zoning Act
ALS	amyotrophic lateral sclerosis (Lou Gehrig's Disease)
Ambulances	emergency vehicle sirens
amsl	above mean sea level
ANSI	American National Standards Institute
APS	Alternative Planning Strategy
ARB	California Air Resources Board
ARDTP	archaeological research design and treatment plan
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
ATP	archaeological testing plan
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit
Basin Plan	<i>Water Quality Control Plan for the San Francisco Bay Basin</i>
Bay	San Francisco Bay
Better Streets Plan	<i>San Francisco Better Streets Plan</i>
BLIP	Branch Library Improvement Program
BMP	best management practice
B.P.	Before Present
BRT	Bus Rapid Transit

Btu	British thermal units
BWWF	Bayside Wet Weather Facilities
C&D	Construction and Demolition
CAA	Clean Air Act
CAAA	Clean Air Act Amendments of 1990
CAAQS	California ambient air quality standards
CAFE	corporate average fuel economy
Cal/EPA	California Environmental Protection Agency
Cal/OSHA	California Occupational Safety and Health Administration
Caltrans	California Department of Transportation
CAP	clean air plan
CBC	California Building Code
CBRNE	chemical, biological, radiological, nuclear, high-yield explosives equipment
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CDHS	California Department of Health Care Services
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
CGS	California Geological Survey
CH ₄	methane
CHP	California Highway Patrol
City	City and County of San Francisco
CIWMB	California Integrated Waste Management Board
Climate Action Plan	<i>Climate Action Plan for San Francisco: Local Actions to Reduce Greenhouse Gas Emissions</i>
CMP	Congestion Management Program
CMWMP	California Medical Waste Management Program
CNDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO ₂	carbon dioxide

CO ₂ e	carbon dioxide–equivalent
CPMC	California Pacific Medical Center
CPT	cone penetration test
CPUC	California Public Utilities Commission
CRHR	California Register of Historical Resources
CSO	combined sewer overflow
CSO Policy	Combined Sewer Overflow Control Policy
CU	conditional use
CUPA	Certified Unified Program Agency
CWA	Clean Water Act
CZ	climate zone
dB	decibel(s)
dB(A)	A-weighted decibel(s)
dB/DD	decibels per doubling of distance (attenuation)
dbh	diameter at breast height
DBI	San Francisco Department of Building Inspection
DEIR	draft environmental impact report
DFG	California Department of Fish and Game
DOF	California Department of Finance
DOT	U.S. Department of Transportation
Downtown Basin	Downtown San Francisco groundwater basin
DPH	California Department of Public Health
DPH RHB	Radiological Health Branch of the California Department of Public Health
DPW	San Francisco Department of Public Works
DSHA	Deterministic seismic hazard analysis
DTSC	California Department of Toxic Substances Control
eb	eastbound
ECP	environmental contingency plan
EDR	Environmental Data Resources
EEA	environmental evaluation application
EEG	electroencephalography
EIR	environmental impact report
EISA	Energy and Independence Security Act of 2007
EMFAC2007	On-Road Mobile-Source Emission Factor model
EMS	emergency medical services

Endangerment Finding	<i>Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases under the Clean Air Act</i>
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
EPCA	Energy Policy and Conservation Act
ERO	Environmental Review Officer
ESA	federal Endangered Species Act of 1973
ESA	Environmental Site Assessment
°F	degrees Fahrenheit
FAR	floor area ratio
FARR	final archaeological resources report
FEIR	final environmental impact report
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FHWA RD 77-108	FHWA Traffic Noise Prediction Model
Findings	findings of fact
FR	<i>Federal Register</i>
FTA	Federal Transit Administration
FTE	full-time equivalent
General Plan	<i>San Francisco General Plan</i>
GGT	Golden Gate Transit
GHG	greenhouse gas
GP	General Plan
GVW	gross vehicle weight
GWh	gigawatt-hour(s)
GWP	Global Warming Potential
h	hourly
HAP	hazardous air pollutant
Harry Tracy WTP	Harry Tracy Water Treatment Plant
HAZWOPER	Hazardous Waste Operations and Emergency Response
HCM	<i>Highway Capacity Manual</i>
HFC	hydrofluorocarbons
HHWP	Hetch Hetchy Water and Power
HI	hazard index
HMBP	hazardous materials business plan

HMUPA	Hazardous Materials Unified Program Agency
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
Hz	Hertz
I-	interstate highway
IBC	International Building Code
ICC	International Code Council
IHH	Institute for Health and Healing
IMP	institutional master plan
in/sec	inch(es) per second
ISCOTT	Interdepartmental Staff Committee on Traffic and Transportation
ITE	Institute of Transportation Engineers
kW	kilowatt
lb/day	pounds per day
lb/in	pounds per inch
LED	light-emitting diode
LEED®	Leadership in Energy and Environmental Design
L _{dn}	day-night average noise level
L _{eq}	equivalent noise energy level
L _{eq(24)}	equivalent noise energy level averaged over a 24-hour period
LID	Low Impact Development
L _{max}	maximum noise level
L _{min}	minimum noise level
Lobos Basin	Lobos groundwater basin
LOS	level of service
LRDP	<i>Long Range Development Plan</i>
LVW	loaded vehicle weight
L _v	root mean square velocity expressed in vibration decibels
L _x	noise level exceeded X% of a specific period of time
M	moment magnitude (scale for measuring seismic activity)
MBTA	Migratory Bird Treaty Act
MCE	maximum considered earthquake
MEA	Major Environmental Analysis Division (of the San Francisco Planning Department)
mg/m ³	milligrams per cubic meter
mgd	million gallons per day

MLD	Most Likely Descendant
MLP	maximum load point
MMI	Modified Mercalli Intensity (scale of earthquake intensity)
MMRP	mitigation monitoring and reporting plan
MMT	million metric tons
MMTCO ₂ E	million gross metric tons of CO ₂ e
MOB	Medical Office Building
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MRI	magnetic resonance imaging
MRZ-	Mineral Resource Zone
MS4	municipal separate storm sewer system
MT	metric tons
MT/yr	metric tons per year
MTS	Metropolitan Transportation System
MUN	Municipal and Domestic Supply
Muni	San Francisco Municipal Railway
MY	model year
MW	megawatt(s)
N ₂ O	nitrous oxide
NAAQS	national ambient air quality standards
NAHC	Native American Heritage Commission
nb	northbound
NC-3	Neighborhood Commercial District, Moderate-Scale
NCD	Neighborhood Commercial District
NFIP	National Flood Insurance Program
NHTSA	National Highway Traffic Safety Administration
NMFS	National Marine Fisheries Service
NO	nitric oxide
NO ₂	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOP	notice of preparation
NO _x	oxides of nitrogen
NFIP	National Flood Insurance Program

NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
NWS	National Weather Service
NWIC	Northwest Information Center
OAP	ozone attainment plan
OFFROAD2007	Off-Road Mobile-Source Emission Factor model
OHP	California Office of Historic Preservation
OPR	Governor's Office of Planning and Research
OPR	Outpatient/Research Building
OSHA	U.S. Occupational Safety and Health Administration
OSHPD	Office of Statewide Health Planning and Development
PCB	polychlorinated biphenyl
PCE	passenger car equivalent
PEIR	program EIR
Permanent	no fixed
PFC	perfluorocarbons
PG&E	Pacific Gas and Electric Company
PHSH	U.S. Public Health Service Hospital
Planning Code	San Francisco Planning Code
PM _{2.5}	fine particulate matter with an aerodynamic diameter of 2.5 micrometers or less
PM ₁₀	respirable particulate matter with an aerodynamic diameter of 10 micrometers or less
ppm	parts per million
Port	Port of San Francisco
PPV	peak particle velocity
PRC	Public Resources Code
PSHA	Probabilistic seismic hazard analysis
PUD	Planned Unit Development
R	residential
RC-4	Residential-Commercial Combined Districts, High Density
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental conditions
RH-1	Residential, House, One-Family
RH-1D	One Unit per Lot, Detached
RH-2	Residential, House Districts, Two-Family
RH-3	Residential, House Districts, Three-Family

RHB	Radiological Health Branch of the California Department of Public Health
RM-1	Residential, Mixed Districts, Low Density
RM-2	Residential, Mixed Districts, Moderate Density
RM-4	Residential, Mixed Districts, High Density
RMS	root mean square
ROG	reactive organic gases
ROWD	report of waste discharge
RPP	Residential Permit Parking
RTP	Regional Transportation Plan
RWQCB	regional water quality control board
RWMP	<i>Recycled Water Master Plan for the City and County of San Francisco</i>
RWS	Regional Water System
SANDAG	San Diego Association of Governments
sb	southbound
SB	Senate Bill
Scoping Plan	<i>Climate Change Scoping Plan: A Framework for Change</i>
SCS	Sustainable Communities Strategy
SEL	sound exposure level
SF ₆	sulfur hexafluoride
SFBAAB	San Francisco Bay Area Air Basin
SFBC	San Francisco Building Code
SF-CHAMP	San Francisco County Transportation Authority travel demand model
SFCTA	San Francisco County Transportation Authority
SFDPH	San Francisco Department of Public Health
SF Environment	San Francisco Department of the Environment
SFFD	San Francisco Fire Department
SF Guidelines	<i>Transportation Impact Analysis Guidelines for Environmental Review,</i> San Francisco Planning Department, October 2002
SFMTA	San Francisco Municipal Transportation Agency
SFMTA Blue Book	<i>Regulations for Working in San Francisco Streets</i>
SFO	San Francisco International Airport
SFPD	San Francisco Police Department
SFPL	San Francisco Public Library
SFPL Strategic Plan	<i>San Francisco Public Library Strategic Plan</i>

SFPUC	San Francisco Public Utilities Commission
SFRPD	San Francisco Recreation and Park Department
SFSU	San Francisco State University
SFUSD	San Francisco Unified School District
SIP	State Implementation Plan
SM&W	Shen Milsom & Wilke
SMP	site mitigation plan
SNF	skilled nursing facility
SO ₂	sulfur dioxide
SoMa	South of Market
SP	service population
SPC-	Structural Performance Category
sq. ft.	square feet
SR	State Route
SS	Sustainable Sites
State CEQA Guidelines	<i>California Environmental Quality Act Guidelines</i>
STC	Sound Transmission Class
SUD	Special Use District
Sustainability Plan	<i>Sustainability Plan for the City of San Francisco</i>
SVOC	semivolatile organic compound
SVP	Society of Vertebrate Paleontology
SVWTP	Sunol Valley Water Treatment Plant
SWIS	Solid Waste Information System
SWPCP	Southeast Water Pollution Control Plant
SWPPP	storm water pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TASC	Transportation Advisory Committee
TDM	transportation demand management
TEP	Transit Effectiveness Project
TMDL	total maximum daily load
TMP	transportation management plan
TPY	tons per year
TRU	transportation refrigeration unit
VMT	vehicle miles traveled

UC	University of California
Unified Program	Unified Hazardous Waste and Hazardous Materials Management Regulatory Program
U.S. 101	U.S. Highway 101
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USF	University of San Francisco
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	underground storage tank
UWMP	<i>Urban Water Management Plan for the City and County of San Francisco</i>
v/c	volume-to-capacity
VdB	velocity decibels
VNAP	<i>Van Ness Avenue Area Plan</i>
VNMUSD	Van Ness Medical Use Subdistrict
VOC	volatile organic compound
wb	westbound
WDR	waste discharge requirement
WHO	World Health Organization
WSIP	Water Supply Improvement Program

GLOSSARY

Term	Definition
acute care	Treatment necessary for only a short period of time, when a patient is treated for a brief but severe episode of illness. Many hospitals are acute-care facilities. The term is also associated with care rendered in an emergency department or other short-term stay facility.
administration	Hospital administration and nursing administration office space within a hospital building or outpatient care center building.
ambulatory care	Health care services provided to patients on an outpatient basis (e.g., practitioner consultations, counseling, care for patients staying less than 24 hours), rather than by admission to a hospital or other health care facility. The services may be in a hospital, augmenting inpatient services, or may be provided at a separate facility.
ancillary and support services	Services other than room, board, and medical and nursing services that are provided in the course of care. They include such services as laboratory, radiology, pharmacy, and physical therapy services.
biologicals	Medicinal preparations made from living organisms and their products, including but not limited to serums, vaccines, antigens, and antitoxins (California Medical Waste Management Act, California Health and Safety Code Sections 117600–118360).
building height based on the Planning Code’s methodology	The height of the building measured from its midpoint relative to the average slope of the curb or ground (see Sections 102.12 and 260 of the San Francisco Planning Code). This measurement is provided in this EIR for each proposed near-term, project-level building so that it can be compared to the applicable maximum height allowed by the height and bulk district.
building infrastructure	Space within buildings for, e.g., (a) mechanical, electrical, telephone, and other building services distribution rooms; (b) shafts and exit stairs; and (c) elevator cores, including elevator shafts, mechanical rooms, and elevator queuing areas.
central plant	Space where mechanical (e.g., chilled water, steam), electrical (e.g., emergency power generation, primary power transformation), and other centralized building services are generated and processed for distribution to several buildings or within a hospital, ambulatory care center or medical office building.
complementary care	Therapeutic practices (acupuncture for instance) that are not currently considered an integral part of conventional allopathic (i.e., biologically based, scientific, Western) medical practice, and which are used in addition to conventional treatments.

Term	Definition
critical care	Health care provided to a critically ill patient.
diagnostic and treatment	Diagnostic and treatment (D&T) space, in either inpatient and ambulatory care settings, and ancillary to medical office care, including within procedure rooms and associated spaces. Emergency Department space is not included in D&T space. D&T services include surgery; imaging, including radiology and MRI; gastrointestinal/endoscopy; cardiac catheterization; cardio-diagnostics; neuro-diagnostics; pulmonary function testing; rehabilitation/physical therapy/occupational therapy/speech therapy; nuclear medicine; dialysis.
education/conference	Space available for educational and conference meetings or assemblies.
Emergency Department	Emergency Department space within hospital buildings, including waiting/receiving space, procedural space, ambulance bays, and other associated spaces.
inpatient care	Women's and children's, adult, and psychiatric acute-care space, including beds, nursing stations, family rooms, and other associated spaces. Involves care of patients staying longer than 24 hours.
life safety standard	The minimum structural performance of a facility during a seismic event that protects the safety of the patients and staff and allows them to exit after the seismic event.
light industrial	Space within buildings used for light-industrial activities (e.g., auto repair).
loading	Space for delivery of materials, trash and recycling pickup, etc.
mechanical and electrical	Dedicated floors or significant space on a floor of a building for distribution of mechanical, electrical, and other building services.
medical office space	Practitioners' offices and associated spaces within a medical office building (MOB). For all proposed future MOBs, the primary program category will be presumed to be medical office space, and assumptions will be made for lobby space, mechanical and electrical space, and a building grossing factor.
non-RCRA hazardous waste	A solid hazardous waste that is regulated by the State of California that is not regulated by the federal Resource Conservation and Recovery Act (RCRA). A hazardous waste is presumed to be a RCRA hazardous waste unless it is determined pursuant to California Code of Regulations, Title 22, Section 66261.101 to be a non-RCRA hazardous waste.
offices	Office space within buildings other than hospital buildings, ambulatory care center buildings, or medical office buildings.
operational standard	The structural performance of a facility during a seismic event in which backup utility services maintain functionality and very little structural or nonstructural damage occurs.

Term	Definition
parking	Includes parking areas, ramps, access, and other associated spaces.
postacute care	A range of medical care services that support the individual’s continued recovery from illness or management of a chronic illness or disability. Services or programs that fall into the category of postacute care include institutional programs such as inpatient rehabilitation facilities, skilled-nursing facilities, and long-term-care hospitals, as well as home- and community-based services, such as home health and hospice care. Additional specialized services span the acute-care and postacute-care continuum, such as palliative care, hospital case management, and discharge planning.
primary care	Care that provides integrated, accessible health care services by clinicians who are accountable for addressing a large majority of personal health care needs, developing a sustained partnership with patients, and practicing in the context of family and community.
recognized environmental conditions	The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.
research	Clinical or basic research space.
residential	Residential space within a residential building.
residential Alzheimer’s	Residential space for patients in the CPMC Alzheimer’s Program.
retail	Space for the sale of goods or commodities directly to consumers (e.g., restaurants, cafes, coffee shops, book stores, gift shops).
secondary care	Care provided by medical specialists who generally do not have first contact with patients (e.g., cardiologists, urologists, dermatologists).
sharps waste	Any device having acute rigid corners, edges, or protuberances capable of cutting or piercing, including but not limited to hypodermic needles and broken glass items (such as pipettes and vials) contaminated with biohazardous waste (California Medical Waste Management Act, California Health and Safety Code Sections 117600–118360).
support	Space for uses such as the pharmacy, pathology, laboratory, food service, materials management, and chapels.

Term	Definition
tertiary referral center	A major hospital that usually has a full complement of specific specialty care services (e.g., pediatrics, general medicine, various branches of surgery, psychiatry). Patients will often be referred from smaller hospitals to a tertiary hospital for major operations and consultations with subspecialists, and when sophisticated intensive care facilities are required.