

Campus: [U.C.L.A.](#)
Building Name: [625 S. Fair Oaks](#)
CAAN ID:
Auxiliary Building ID: [N/A](#)



UNIVERSITY
OF
CALIFORNIA

Date: [12/14/2021](#)

CERTIFICATE OF SEISMIC PERFORMANCE RATING

- UC-Designed & Constructed Facility
 Campus-Acquired or Leased Facility

BUILDING DATA

Building Name: [625 S. Fair Oaks](#)
Address: [625 S. Fair Oaks Avenue, Pasadena, CA 91105](#)
Site location coordinates: Latitude [34.135100](#) Longitudinal [-118.151040](#)

UCOP SEISMIC PERFORMANCE RATING (OR "RATING"): [IV](#)

ASCE 41-17 Model Building Type:

- a. Longitudinal Direction: [S1: Steel Moment Frame \(w/ Stiff Diaphragms\)](#)
- b. Transverse Direction: [S1: Steel Moment Frame \(w/ Stiff Diaphragms\)](#)

Gross Square Footage: [190,000 SF](#)
Number of stories *above* grade: [4](#)
Number of basement stories *below* grade: [None](#)

Year Original Building was Constructed: [2007](#)
Original Building Design Code & Year: [California Building Code \(CBC\), 2001](#)
Retrofit Building Design Code & Code (if applicable): [N/A](#)

SITE INFORMATION

Site Class: [D](#) Basis: [Default](#)
Geologic Hazards:
Fault Rupture: [No](#) Basis: [California Department of Conservation GIS Interface \(Hazard Zones Maps\)](#)
Liquefaction: [No](#) Basis: [California Department of Conservation GIS Interface \(Hazard Zones Maps\)](#)
Landslide: [No](#) Basis: [California Department of Conservation GIS Interface \(Hazard Zones Maps\)](#)

ATTACHMENT

Original Structural Drawings: [HDR Architecture, Inc., 2007, \(sheets S001 to S004, S101 to S105B, S201 to S206, S301, S302, S401 to S404, S501, S502\)](#)
Seismic Evaluation: [N/A](#)
Retrofit Structural Drawings: [N/A](#)



CERTIFICATION & PRESUMPTIVE RATING VERIFICATION STATEMENT

I, [Youhanna Labib, S.E.](#), a California-licensed structural engineer, am responsible for the completion of this certificate, and I have no ownership interest in the property identified above. My scope of review to support the completion of this certificate included both of the following (“No” responses must include an explanation):

- a) the review of structural drawings indicating that they are as-built or record drawings, or that they otherwise are the basis for the construction of the building: Yes No
- b) visiting the building to verify the observable existing conditions are reasonably consistent with those shown on the structural drawings: Yes No

Based on my review, I have verified that the UCOP Seismic Performance Rating is presumptively permitted by the following UC Seismic Program provision (choose one of the following):

- 1) Contract documents indicate that the original design and construction of the aforementioned building is in accordance with the benchmark design code year (or later) building code seismic design provisions for UBC or IBC listed in the Benchmark Building Codes and Standards table below.
- 2) The existing rating is based on an acceptable basis of seismic evaluation completed in 2006 or later.
- 3) Contract documents indicate that a comprehensive¹ building seismic retrofit design was fully-constructed with an engineered design based on the 1997 UBC/1998 **or later** CBC, and (choose one of the following):
 - the retrofit project was completed by the UC campus. Further, the design was based on ground motion parameters, at a minimum, corresponding to BSE-1E (or BSE-R) and BSE-2E (or BSE-C) as defined in ASCE 41, or the full design basis ground motion required in the 1997 UBC/1998 CBC **or later** for EXISTING buildings, and is presumptively assigned a rating of IV.
 - the retrofit project was completed by the UC campus. Further, the design was based on ground motion parameters, at a minimum, corresponding to BSE-1 (or BSE-1N) and BSE-2 (or BSE-2N) as defined in ASCE 41, or the full design basis ground motion required in the 1997 UBC/1998 **or later** CBC for NEW buildings, and is presumptively assigned a rating of III.
 - the retrofit project was not completed by the UC campus following UC policies, and is presumptively assigned a rating of IV.

¹ A comprehensive retrofit addresses the entire building structural system as indicated by the associated seismic evaluation, as opposed to addressing selective portions of the structural system.

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CERTIFICATION SIGNATURE

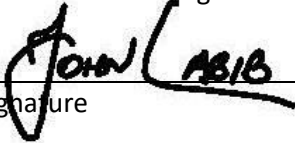
AFFIX SEAL HERE

Youhanana Labib, S.E.
Print Name

Principal
Title

S4549
CA Professional Registration No.

12/31/2021
License Expiration Date


Signature

12/14/2021
Date

Labib Funk & Associates, Structural Engineers
319 Main Street
El Segundo, CA 90245
T: (213)239-9700

Firm Name, Phone Number, and Address



Benchmark Building Codes and Standards

Building Type ^{a, b, j}	Building Seismic Design Provisions	
	UBC	IBC
Wood frame, wood shear panels (Types W1 and W2)	1976	2000
Wood frame, wood shear panels (Type W1a) ^j	1976 ^j	2000
Steel moment-resisting frame (Types S1 and S1a) ^j	1997 ^j	2000
Steel concentrically braced frame (Types S2 and S2a)	1997	2000
Steel eccentrically braced frame (Types S2 and S2a)	1988 ^g	2000
Buckling-restrained braced frame (Types S2 and S2a)	f	2006
Metal building frames (Type S3)	f	2000
Steel frame with concrete shear walls (Type S4)	1994	2000
Steel frame with URM infill (Types S5 and S5a)	f	2000
Steel plate shear wall (Type S6)	f	2006
Cold-formed steel light-frame construction—shear wall system (Type CFS1)	1997 ^h	2000
Cold-formed steel light-frame construction—strap-braced wall system (Type CFS2)	f	2003
Reinforced concrete moment-resisting frame (Type C1) ⁱ	1994	2000
Reinforced concrete shear walls (Types C2 and C2a)	1994	2000
Concrete frame with URM infill (Types C3 and C3a) ^j	f	f, j
Tilt-up concrete (Types PC1 and PC1a)	1997	2000
Precast concrete frame (Types PC2 and PC2a)	f	2000
Reinforced masonry (Type RM1)	1997	2000
Reinforced masonry (Type RM2)	1994	2000
Unreinforced masonry (Type URM) ^j	f	f, j
Unreinforced masonry (Type URMa) ^j	f	f, j
Seismic isolation or passive dissipation	1991	2000

Note: This table has been adapted from ASCE 41-17 Table 3-2. Benchmark Building Codes and Standards for Life Safety Structural Performed at BSE-1E.

Note: UBC = Uniform Building Code

Note: IBC = International Building Code

a Building type refers to one of the common building types defined in Table 3-1 of ASCE 41-17.

b Buildings on hillside sites shall not be considered Benchmark Buildings.

c not used

d not used

e not used

f No benchmark year; buildings shall be evaluated in accordance with the UC Seismic Safety Policy and the UC Seismic Program Guidelines.

g Steel eccentrically braced frames with links adjacent to columns shall comply with the 1994 UBC Emergency Provisions, published September/October 1994, or subsequent requirements.

h Cold-formed steel shear walls with wood structural panels only.

i Flat slab concrete moment frames shall not be considered Benchmark Buildings.

j Shaded cells are intentionally modified from ASCE 41-17 Table 3-2.

APPENDIX B

UNIVERSITY OF CALIFORNIA
CERTIFICATE OF APPLICABLE CODE FOR CALIFORNIA PROPERTIES
Porter Ranch Medical Building

Building Address: 19950 Rinaldi St., Porter Ranch California ("Building")

I, Stephen Wen, AIA an architect, civil engineer, or structural engineer, duly licensed by the State of California,¹ have completed a walk-through of the Building on _____ and reviewed the available documentation of the Building described above. I hereby certify¹ that the design and construction of the entire Building was either:

*I am the Architect of Record for the building described above.

approved by the local jurisdiction pursuant to the 1996 or later edition of the California Code of Regulations, Title 24, Part 2, California Building Code (CBC)

-- OR --

approved by the local jurisdiction pursuant to the 1976 or later edition of the Uniform Building Code (UBC), including all additions, modifications or repairs to the seismic resisting systems. This building was originally constructed in _____ [year]. A complete seismic structural retrofit approved pursuant to the 1976 or later edition of the UBC took place in _____ [years(s), if applicable].

I further certify that the Building is not and does not contain any of the following:

- (i) unreinforced masonry walls;
- (ii) welded steel moment frames (WSMF) constituting the primary structural system of the building which WSMF(a) have been subjected to a previous strong ground motion (approximately 0.20g or greater) since construction², or (b) may have low or limited redundancy, or discontinuity, or offsets of the moment frames;
- (iii) flexible diaphragm-rigid walls;
- (iv) apparent additions, or modifications, or repairs to the seismic resisting systems done without a permit;
- (v) hillside construction on a slope steeper than 1-vertical to 3-horizontal; or,
- (vi) multi-story structure with construction over soft first-story structure.

I have attached a copy of the certificate of occupancy.

Print Name Stephen Wen License No. C15631

AFFIX SEAL HERE

Title Sr. Principal

Signature _____ Date January 27, 2012

Firm Name and Address SWA Architects, 48 East Holly St.
Pasadena, CA 91103



¹ As used herein, the use of the word 'certify' by an architect, civil engineer, or structural engineer constitutes an expression of professional opinion regarding those facts or findings, which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied.

² Currently applies to WSMF buildings built before 1989 in the Santa Cruz/San Francisco Bay Area (Loma Prieta) and built before 1994 in the Los Angeles area (Northridge). It also applies to SMF buildings in other geographic areas whose design and construction was approved prior to the effective date of the 1998 Edition, California Code of Regulations, Title 24, California Building Code, that may have been subjected to this level of ground motion in any subsequent earthquakes.