Building Name: Hitch Commons

CAAN ID: 4926



Auxiliary Building ID: Date: 06/30/20

CERTIFICATE OF SEISMIC PERFORMANCE RATING

[X] UC-Designed & Constructed Facility

[] Campus-Acquired or Leased Facility

BUILDING DATA

Building Name: Hitch Commons Address: 275 De Neve Drive, 90095

Site location coordinates: Latitude 34.0736 Longitudinal -118.4539

UCOP SEISMIC PERFORMANCE RATING (OR "RATING"): III

ASCE 41-17 Model Building Type:

a. Longitudinal Direction: S2 and S2a: Steel concentrically braced frame
 b. Transverse Direction: C2 and C2a: Reinforced concrete shear walls

Gross Square Footage: 4,021 Number of stories *above* grade: 2

Number of basement stories below grade: 0

Year Original Building was Constructed: 2015
Original Building Design Code & Year: CBC-2010
Retrofit Building Design Code & Code (if applicable):,

SITE INFORMATION

Site Class: D Basis: Geotechnologies, 10/15/2012, S0.00

Geologic Hazards:

Fault Rupture: No Basis: CGS Maps
Liquefaction: No Basis: CGS Maps
Landslide: No Basis: CGS Maps

ATTACHMENT

Original Structural Drawings: Record Drawings, Nabih Youssef & Associates, 3/4/2015, S0.00 or

Seismic Evaluation: N/A

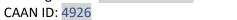
Retrofit Structural Drawings: N/A, N/A, N/A, N/A

COMMENTS

Replacement for original commons. 1st Flr. conc SW, 2nd Flr. SMF and OCBF. Drawings reference 2010 CBC; geotech report by Geotechnologies, Inc. dated October 15, 2012.

Building Name: Hitch Commons

[]





Date: 06/30/20 Auxiliary Building ID:

CERTIFICATION & PRESUMPTIVE RATING VERIFICATION STATEMENT

I, Thomas A. Sabol, 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 an

	•	t the completion of this certificate included both of the following ("No" responses must include anation):
	o b) v	he 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 isiting the building to verify the observable existing conditions are reasonably consistent with hose shown on the structural drawings: Yes No
		on my review, I have verified that the UCOP Seismic Performance Rating is presumptively ted by the following UC Seismic Program provision (choose one of the following):
[X]	bui	Contract documents indicate that the original design and construction of the aforementioned lding is in accordance with the benchmark design code year (or later) building code seismic sign provisions for UBC or IBC listed in the Benchmark Building Codes and Standards table below.
[]	2) 1 late	The existing rating is based on an acceptable basis of seismic evaluation completed in 2006 or er.
[]	cor	Contract documents indicate that a comprehensive ³³ building seismic retrofit design was fully- nstructed with an engineered design based on the 1997 UBC/1998 <i>or later</i> CBC, and (choose one 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 <i>or later</i> 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 <i>or</i>

the retrofit project was not completed by the UC campus following UC policies, and is

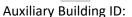
later CBC for NEW buildings, and is presumptively assigned a rating of III.

presumptively assigned a rating of IV.

³³ 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.

Building Name: Hitch Commons

CAAN ID: 4926





Date: 06/30/20

CERTIFICATION SIGNATURE

Thomas A. Sabol Principal

Print Name Title

SE 3175 3/31/2021

CA Professional Registration No. License Expiration Date

September 30, 2020

ignature Date

Englekirk Institutional (323) 733-6673

888 S. Figueroa Street, 18th Floor, Los Angeles, CA 90017

Firm Name, Phone Number, and Address

AFFIX SEAL HERE



Building Name: Hitch Commons

CAAN ID: 4926



Auxiliary Building ID:

Banchmark Building Codes and Standards

	Building Seismic Design Provisions	
Building Type ^{a, b, j}	UBC	IBC
Wood frame, wood shear panels (Types W1 and W2)	1976	2000
Wood frame, wood shear panels (Type W1a) [/]	1976 ^j	2000
Steel moment-resisting frame (Types S1 and S1a) [/]	1997 ^j	2000
Steel concentrically braced frame (Types S2 and S2a)	1997	2000
Steel eccentrically braced frame (Types S2 and S2a)	1988 ^{<i>g</i>}	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)	1994	2000
Reinforced concrete shear walls (Types C2 and C2a)	1994	2000
Concrete frame with URM infill (Types C3 and C3a)	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) [/]	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.
- 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
- 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.

Date: 06/30/20