

APPENDIX B

UNIVERSITY OF CALIFORNIA
CERTIFICATE OF APPLICABLE CODE FOR CALIFORNIA PROPERTIES

Building Address: 501 Deep Valley Drive, Rolling Hills, California ("Building")

I, Nabih Youssef an architect, civil engineer, or structural engineer, duly licensed by the State of California, have completed a walk-through of the Building on 11/01/13 and reviewed the available documentation of the Building described above. I hereby certify¹ that the design and construction of the entire Building was either:

approved by the local jurisdiction pursuant to the 1998 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 1987 [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 WSMFs (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 Nabih Youssef License No. 2026

AFFIX SEAL HERE

Title Principal

Signature [Signature] Date Nov. 4, 2013

Firm Name and Address Nabih Youssef Associates
550 South Hope Street, Suite 1700
Los Angeles, CA 90071



Building is a reinforced concrete moment frame constructed in 1987 and designed to the 1979 edition of the Uniform Building Code (see attached) by Seneca Construction Systems, Inc., drawings dated April 1, 1986.

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.

SAFETY: The contractor is responsible for safe conduct of the construction process and the safety of the worker. This includes, but is not limited to, the construction sequence, safety appliances such as handrails, barriers, etc., temporary bracing and shoring and removal of same. Periodic visits to the site by the engineer for familiarization, clarification or interpretation, and do not constitute supervision.

GOVERNING CODE: Uniform Building Code

1979 AS ADOPTED & AMENDED AS LOS ANGELES COUNTY BLDG CODE 1981 ADMINISTERED BY POLINA HILLS ESTIMATES

Design Loads:

Lobby Live Load	100 psf
Office Live Load	50 psf
Partitions	20 psf
Birt	100 psf
Ceiling and Misc. Dead Load	5 psf

MATERIALS:

A. Concrete: 145 pcf stone unless noted

Slabs on Grade	RETAINING WALLS 3000
Pile Caps & Piles	4000
Columns	5000
Beams	4000
Suspended Slabs	4000

Admixtures containing chloride ions not permitted.

B. Reinforcing Bars:

1. #3 ASTM A615-40 ksi. EXCEPT SPIRAL TIES SHALL BE 60 KSI
2. #4 and larger A615-60 ksi except all field bent bars at crane hole openings to be grade 40.
3. Welded wire fabric A185-60 ksi.
4. Submit reinforcing shop drawings for review by the structural engineer minimum three weeks before fabrication. Do not fabricate without review.
5. Bar bending details shall conform to UBC 1979 and ACI 315.
6. Lap bars only as approved by structural engineer. min. 48 diameter lap unless otherwise noted.
7. Provide accessories to maintain vertical wall bars in place during concrete placement. Single curtain vertical bars shall be secured within 1/4 inch of the center of the wall. Support spacing for vertical bars shall not exceed 140 bar diameters.
8. Support slab reinforcing at maximum 80 bar diameters, support top reinforcing at faces of supporting walls, columns, beams and capitals.
9. Tie all splices and accessories.

C. Prestressing:

1. Strand ASTM A416 1/2 dia 270 ksi. (One strand per tendon).
2. Anchors: Seneca, LABC RR24267, UBC RR3641.
3. Submit shop drawings for post-tensioned slabs for review. Do not fabricate without