



**AGENDA**  
**SAN GORGONIO MEMORIAL HOSPITAL**  
**REGULAR MEETING OF THE**  
**COMMUNITY PLANNING COMMITTEE**  
**A COMMITTEE OF THE BOARD OF DIRECTORS**  
**Wednesday, January 18, 2023– 9:00 AM**

**Classroom C**  
**600 N. Highland Springs, Avenue, Banning, CA 92220**

**In compliance with the Americans with Disabilities Act**, if you need special assistance to participate in this meeting, please contact the Administration Office at (951) 769-2101. **Notification 48 hours prior to the meeting** will enable the Hospital to make reasonable arrangement to ensure accessibility to this meeting. [28 CFR 35.02-35.104 ADA Title II].

TAB

I. Call to Order

S. Rutledge, Chair

II. Public Comment

A five-minute limitation shall apply to each member of the public who wishes to address the Community Planning Committee of the Hospital Board of Directors on any matter under the subject jurisdiction of the Committee. A thirty-minute time limit is placed on this section. No member of the public shall be permitted to “share” his/her five minutes with any other member of the public. (Usually, any items received under this heading are referred to staff for future study, research, completion and/or future Committee Action.) (PLEASE STATE YOUR NAME AND ADDRESS FOR THE RECORD.)

On behalf of the San Gorgonio Memorial Hospital Board of Directors, we want you to know that the Board/Committee acknowledges the comments or concerns that you direct to this Committee. While the Board/Committee may wish to occasionally respond immediately to questions or comments if appropriate, they often will instruct the CEO, or other Administrative Executive personnel, to do further research and report back to the Board prior to responding to any issues raised. If you have specific questions, you will receive a response either at the meeting or shortly thereafter. The Board/Committee wants to ensure that it is fully informed before responding, and so if your questions are not addressed during the meeting, this does not indicate a lack of interest on the Board/Committee’s part; a response will be forthcoming.

**OLD BUSINESS**

III. \* **Proposed Action – Approve Minutes**

S. Rutledge

- November 15, 2022, regular meeting

A

**NEW BUSINESS**

- IV. 2023 Seismic Compliance for San Gorgonio Memorial Hospital B. Gupta B
  
- V. Future Agenda Items
  
- VI. Next Meeting – Wednesday, April 19, 2023
  
- VII. Adjourn S. Rutledge

**\* Requires Action**

In accordance with The Brown Act, Section 54957.5, all public records relating to an agenda item on this agenda are available for public inspection at the time the document is distributed to all, or a majority of all, members of the Committee. Such records shall be available at the Hospital office located at 600 N. Highland Springs Avenue, Banning, CA 92220.

\*\*\*\*\*

**Certification of Posting**

I certify that on January 13, 2023, I posted a copy of the foregoing agenda near the regular meeting place of the Board of Directors of San Gorgonio Memorial Hospital Community Planning Committee, and on the San Gorgonio Memorial Hospital website said time being at least 72 hours in advance of the meeting of the Community Planning Committee  
(Government Code Section 54954.2).

Executed at Banning, California on January 13, 2023



Ariel Whitley, Executive Assistant

**TAB A**

REGULAR MEETING OF THE  
SAN GORGONIO MEMORIAL HOSPITAL  
BOARD OF DIRECTORS

COMMUNITY PLANNING COMMITTEE  
November 15, 2022

The Regular Open Session Meeting of the Community Planning Committee of the San Gorgonio Memorial Hospital Board of Directors was held on Tuesday, November 15, 2022, in the Administration Boardroom, Banning, California

Members Present: Susan DiBiasi, Ron Rader, Steve Rutledge (C), Dennis Tankersley, Siri Welch

Absent: Joel Labha

Staff Present: Steve Barron (CEO), Dan Heckathorne (CFO), Ariel Whitley (Executive Assistant), Annah Karam (CHRO)

AGENDA ITEM	DISCUSSION	ACTION / FOLLOW-UP
<b>Call To Order</b>	Committee Chair Steve Rutledge called the meeting to order at 9:12 am.	
<b>Public Comment</b>	No members of public present.	
<b>OLD BUSINESS</b>		
<b>* Proposed Action - Approve minutes February 24, 2022, regular open session meeting</b>	Chair Rutledge asked for any changes or corrections to the minutes of the February 24, 2022, regular open session meeting. There were none.	<b>The minutes of the February 24, 2022, regular open session meeting was reviewed and will stand correct as presented.</b>
<b>NEW BUSINESS</b>		
<b>Community Health Needs Assessment Presentation</b>	Steve Barron, CEO, presented the Community Health Needs Assessment data that was specific to San Gorgonio Memorial Hospital.	

AGENDA ITEM	DISCUSSION	ACTION / FOLLOW-UP												
<p><b>Proposed Action – Recommend Approval to Hospital Board</b></p> <ul style="list-style-type: none"> <li><b>2022 Community Health Needs Assessment</b></li> </ul>	<p>It is noted that approval of the Community Health Needs Assessment is recommended to the Hospital Board of Directors.</p> <p>BOARD MEMBER ROLL CALL:</p> <table border="1" data-bbox="443 478 1175 583"> <tr> <td>DiBiasi</td> <td>Yes</td> <td>Labha</td> <td>Absent</td> </tr> <tr> <td>Rader</td> <td>Yes</td> <td>Rutledge</td> <td>Yes</td> </tr> <tr> <td>Tankersley</td> <td>Yes</td> <td>Welch</td> <td>Yes</td> </tr> </table> <p>Motion Carried</p>	DiBiasi	Yes	Labha	Absent	Rader	Yes	Rutledge	Yes	Tankersley	Yes	Welch	Yes	<p><b>M.S.C., (DiBiasi/Rader), The Community Planning Committee voted to recommend approval of the 2022 Community Health Needs Assessment to the Hospital Board of Directors as presented.</b></p>
DiBiasi	Yes	Labha	Absent											
Rader	Yes	Rutledge	Yes											
Tankersley	Yes	Welch	Yes											
<p><b>Future Agenda Items</b></p>	<ul style="list-style-type: none"> <li>Community Health Implementation Plan</li> </ul>													
<p><b>Next Meeting</b></p>	<p>The next Community Planning Committee meeting will be held on Tuesday, February 14, 2023, at 9:00 am.</p>													
<p><b>Adjournment</b></p>	<p>The meeting was adjourned at 10:40 am.</p>													

In accordance with The Brown Act, *Section 54957.5*, all reports and handouts discussed during this Open Session meeting are public records and are available for public inspection. These reports and/or handouts are available for review at the Hospital Administration office located at 600 N. Highland Springs Avenue, Banning, CA 92220 during regular business hours, Monday through Friday, 8:00 am - 4:30 pm.

Minutes respectfully submitted by Ariel Whitley, Executive Assistant

**TAB B**

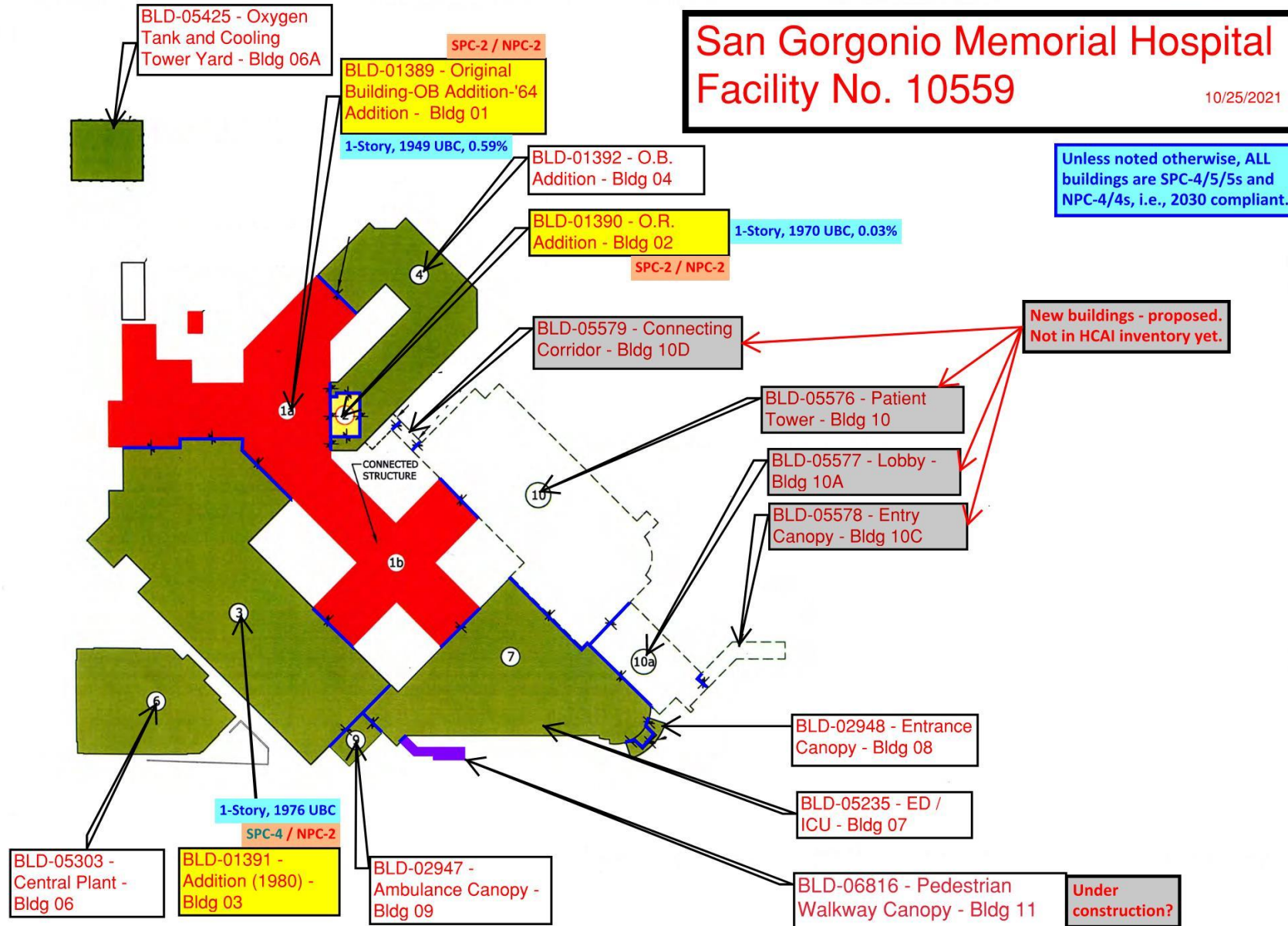
**2030 Seismic Compliance**

**for**

**San Geronio Memorial Hospital**



# Current Seismic Status





# Campus Google Map





# History of Relevant Seismic Projects



Projects By Facility Facility: <a href="#">10559</a> - San Gorgonio Memorial Hospital				If a cell is filled with Yellow or Red, contact your RCO or Compliance Officer. Yellow or Red is an indication time limits have been or are about to be exceeded or failure to submit NoSoC.								These project cost are milestone and are reflected in the Project Closure Summary Report.			
Project Number	Project Name	Status	% Complete	Primary Gravity LFRS	Kind of Project	Open Date	Approval Date	BP Issue Date	Const. Start Date	Last Field Report	Closed Date	First Costs	First Contract Costs	Costs Before Final	Project Type
<a href="#">HL072658-0</a>	6 STORY PATIENT BED TOWER	Cancelled		Yes	Addition	12/04/07			1/1/1900	No Field Reports	08/26/09	[Type: Estimated] [Date: 12/04/2007] [Const Cost: \$82M] [Fixed Equip: \$0] [Imaging: \$4M]	Unknown	[Type: Estimated] [Date: 12/04/2007] [Const Cost: \$82M] [Fixed Equip: \$0] [Imaging: \$4M]	New Building (2007)
<a href="#">HL072658-0-GEO</a>	6 STORY PATIENT BED TOWER	Cancelled		Yes	Addition	04/08/08			1/1/1900	No Field Reports		Unknown	Unknown	Unknown	Geotech
<a href="#">SL072896-0</a>	PHASE 3 -BLDG AREAS C/D - NPC4 UPGRADE	Closed Inactive		No	Remodel	12/27/07			1/1/1900	No Field Reports	11/12/10	[Type: Estimated] [Date: 12/27/2007] [Const Cost: \$2M] [Fixed Equip: \$0] [Imaging: \$0]	Unknown	[Type: Estimated] [Date: 12/27/2007] [Const Cost: \$2M] [Fixed Equip: \$0] [Imaging: \$0]	NPC-4 Upgrade
<a href="#">HL103010-0</a>	PHASE 2A TOWER ADDITION	Withdrawn		Yes	Addition	12/07/10			1/1/1900	No Field Reports		[Type: Estimated] [Date: 12/07/2010] [Const Cost: \$83.5M] [Fixed Equip: \$0] [Imaging: \$10M]	Unknown	[Type: Estimated] [Date: 06/02/2011] [Const Cost: \$83.5M] [Fixed Equip: \$0] [Imaging: \$10M]	New Building (2010)
<a href="#">HL103010-0-GEO</a>	PHASE 2A TOWER ADDITION	Approved		Yes	Addition	06/02/11	05/30/13		1/1/1900	No Field Reports		Unknown	Unknown	Unknown	Geotech
<a href="#">I-2012-00010</a>	San Gorgonio Phase 2A Patient Building	Closed Inactive	4%	No		02/29/12	06/19/13	06/08/15	06/24/15	M. Marrs - FV - 4% on 2019-07-30	09/02/20	Unknown	Unknown	Unknown	New Building (2012)
<a href="#">IM-2012-00004</a>	San Gorgonio Patient Building	Closed Inactive	0%	Yes	New Building	02/27/12			1/1/1900	L. Choi - FV - 0% on 2013-10-11	09/02/20	[Type: Estimated] [Date: 02/27/2012] [Const Cost: \$65.5M] [Fixed Equip: \$18M] [Imaging: \$10M]	[Type: Contract] [Date: 06/29/2015] [Const Cost: \$65M] [Fixed Equip: \$5M] [Imaging: \$7.5M]	[Type: Estimated] [Date: 11/03/2016] [Const Cost: \$65M] [Fixed Equip: \$5M] [Imaging: \$7.5M]	New Building (2012)

# Recommended Next Steps for 2030 Compliance



1. Proceed with NPC evaluation of three NPC-2 buildings (HCAI deadline is 01/01/2024).
2. Proceed with (a) Material Testing & Condition Assessment and (b) SPC-4D upgrade designs for two SPC-2 buildings (HCAI deadline for SPC-4D reclassification is 01/01/2030).

**Walter P Moore  
can assist SGMH  
in obtaining  
2030 compliance**



**walter  
p moore**

# Steps for NPC-2 to NPC-4D Reclassification

1. Prepare complete non-structural evaluation to NPC-3 and NPC-4D for HCAI submittal (deadline is 01/01/2024).
2. Prepare CDs for upgrade of deficient non-structural anchorages for HCAI submittal (deadline is 01/01/2026).
3. Obtain HCAI approval of upgrade CDs (deadline is 01/01/2028).
4. Field implement upgrade of deficient anchorages (deadline is 01/01/2030).
5. Select a Level (1 or 2 or 3) for NPC-4D and develop an Operational Plan.
6. Design and install holding tanks for NPC-5 (deadline is 01/01/2030).

# **Steps for SPC-2 to SPC-4D Reclassification**

- 1. Prepare MTCAP (Material Testing & Condition Assessment Program) for each SPC-2 building and submit to HCAI for approval followed by field implementation.**
- 2. Perform detailed SPC-4D upgrade designs and prepare construction documents for HCAI approval.**

# Summary of Success Stories

**Note:**

Info presented on slides 9 through 17 (both inclusive) is from projects worked on by Balram at another firm.

<b>SPC-2 Reclassifications</b>				
#	Hospital	Bldgs.	With VSI	W/O VSI
1	Southern California Hospital - Culver City	3	2	1
2	Community Hospital of Huntington Park	1	1	
3	Children's Hospital of Orange County	1		1
4	Coast Plaza Doctors Hospital	1	1	
5	Citrus Valley - Inter Community Campus	7		7
6	East Los Angeles Doctors Hospital	2	2	
7	Memorial Hospital of Gardena	1	1	
8	Glendale Adventist Medical Center	3	1	2
9	Hoag Memorial Hospital Presbyterian	6	1	5
10	Mission Community Hospital	3	1	2
11	Motion Picture & Television Fund	1	1	
12	Prov. Little Company of Mary San Pedro	7	2	5
13	Prov. Saint Joseph Medical Center	2		2
14	Prov. Tarzana Medical Center	3	3	
15	Scripps La Jolla Medical Center	8	4	4
16	Sherman Oaks Hospital	1	1	
17	Silver Lake Medical Center	3		3
18	Simi Valley Hospital	2		2
19	USC Verdugo Hills Hospital	2	1	1
20	Valley Presbyterian Hospital	3	2	1
21	Victor Valley Community Hospital	3		3
22	Los Angeles Community Hospital	1	1	
23	Barlow Respiratory Hospital	5	1	4
<b>TOTALS</b>		<b>69</b>	<b>26</b>	<b>43</b>
		<b>100%</b>	<b>37.7%</b>	<b>62.3%</b>



# I: Victor Valley Global Medical Center

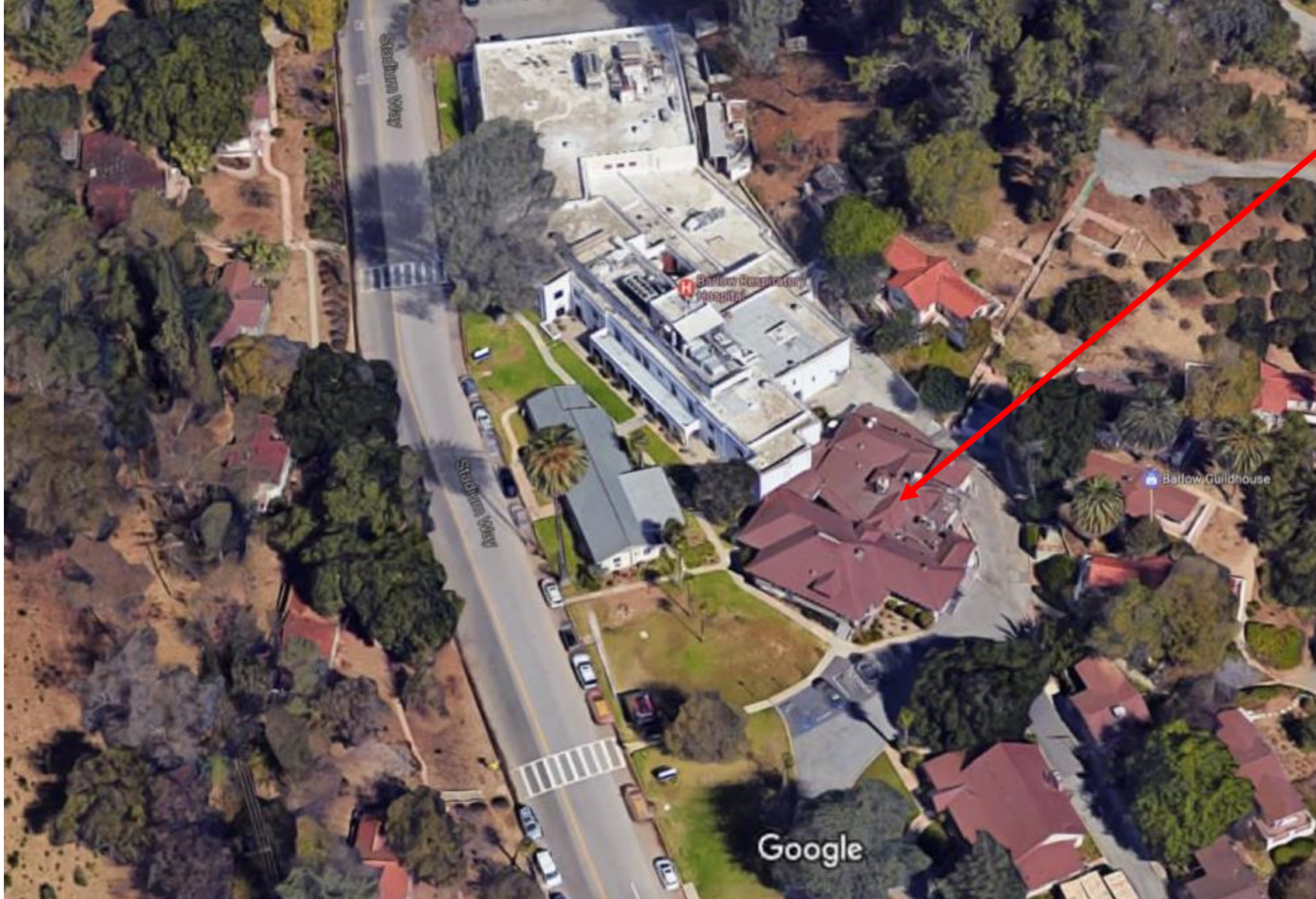
**“Birdcage”**



- ▶ **Construction for “Birdcage” was stopped immediately after 1994 Northridge Earthquake.**
- ▶ **We obtained SPC-5 reclassification with a retrofit cost of  $\pm$ \$80,000.**



# II: Barlow Respiratory Hospital



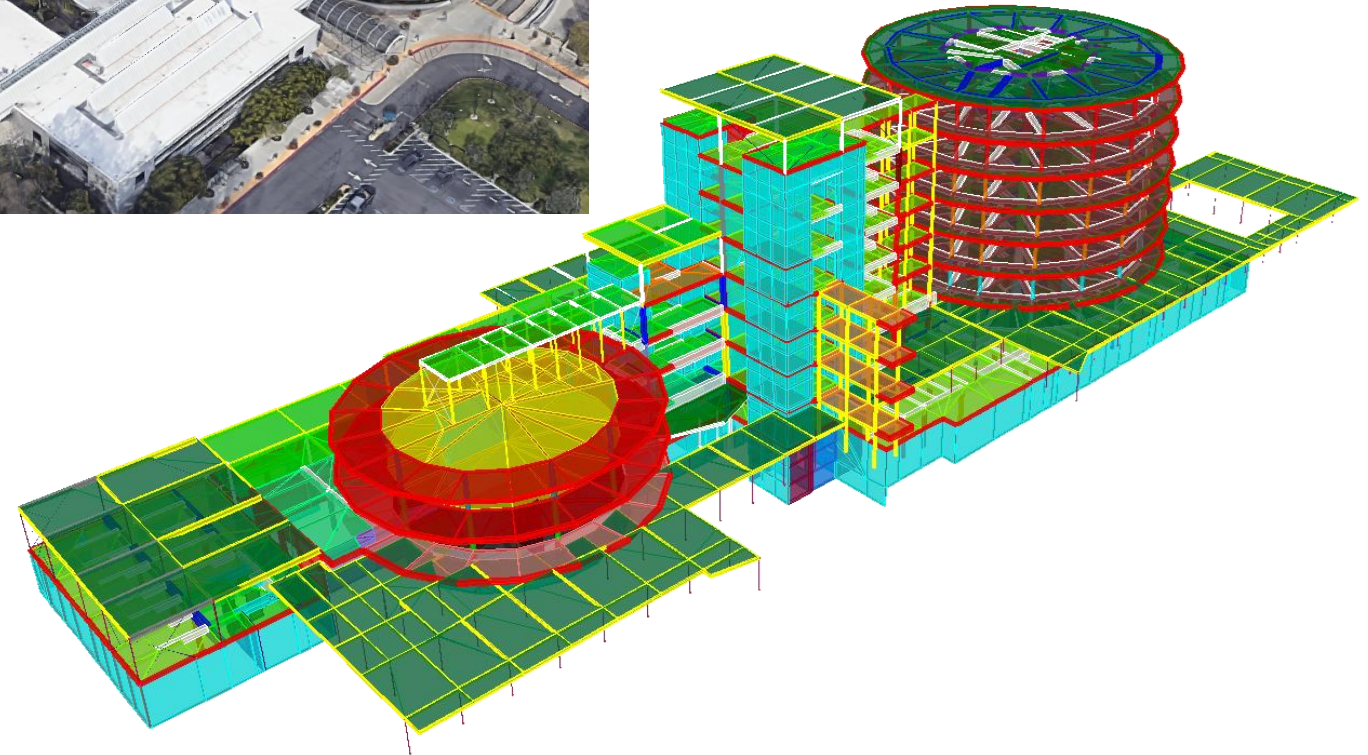
**Kitchen Building  
(built in 1902) was  
reclassified to SPC-2  
with zero upgrade**

- Campus had 5 SPC-1 buildings.
- BRH had designed a new \$90M building with HCAI approval.
- We reclassified 4 buildings to SPC-2 with zero upgrade.



# III: Valley Presbyterian Hospital

- Number of (N) seismic separations were proposed by prior engineer.
- We ran HAZUS 4 times.
- We even severed (E) rebars.
- Retrofit limited to fiber-wrap.
- “Structural” retrofit cost was less than \$10/SF (2013 \$s).



# IV: Olympia Medical Center

- Prior engineer had proposed new shear walls & footings plus lot of interior retrofit causing significant disruption to hospital.
- Couldn't get HCAI approval for 3 years.
- We got SPC-2 approval without any new walls and less than half the scope of retrofit (mostly outside the building) within 9 months.

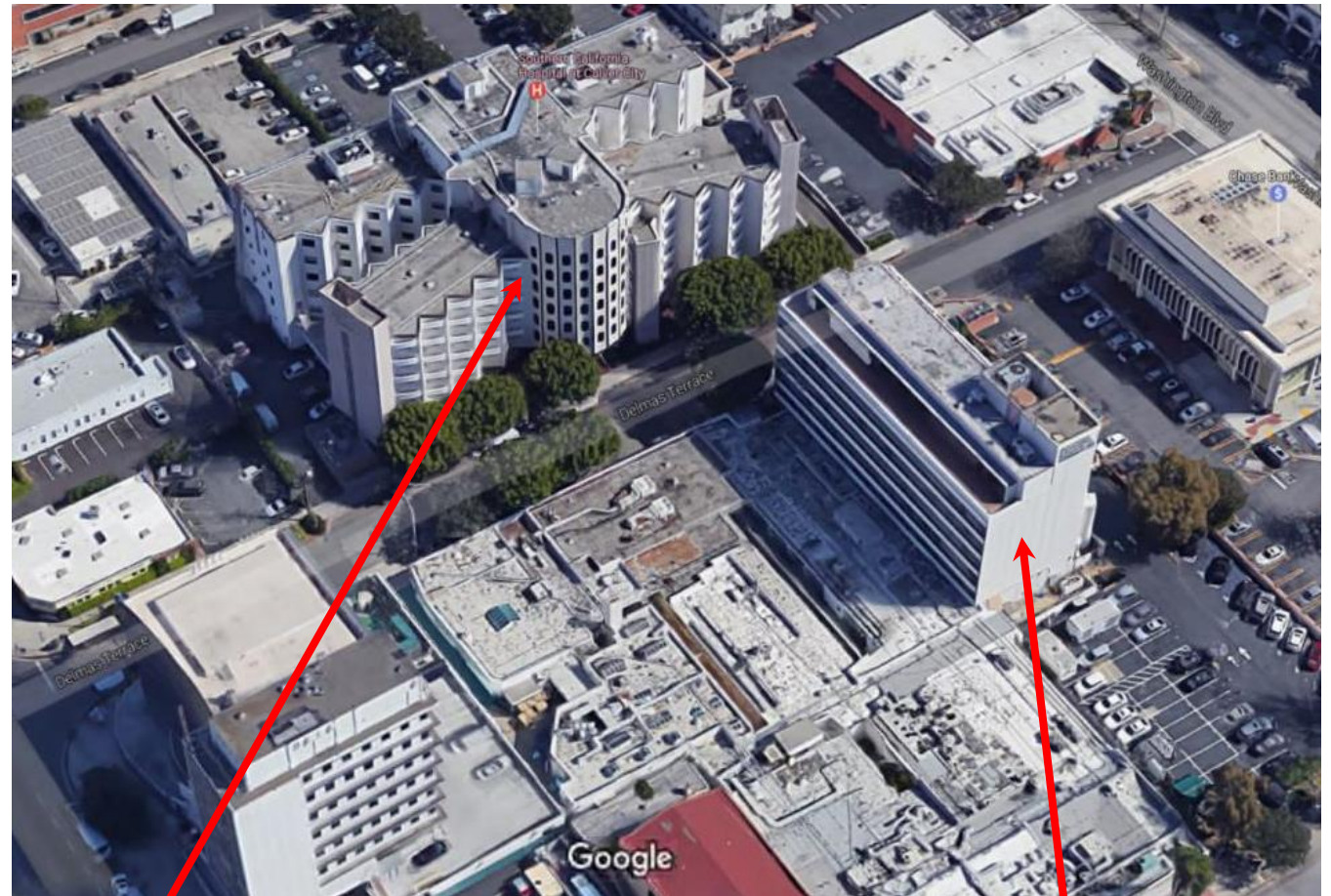


**East Wing**



# V: Southern California Hospital – Culver City

- Prior engineer's solution was to demo top 5 floors of Pavilion and retrofit remaining 2 stories with a lot of new shear walls & new footings.
- We designed SPC-2 retrofit for Pavilion with whole building intact ( $\pm 158,000$  SF) and "structural" cost of less than \$1,000,000 (2015 \$s).
- "Structural" retrofit cost for Tower ( $\pm 53,500$  SF) was  $\pm \$1,200,000$ .

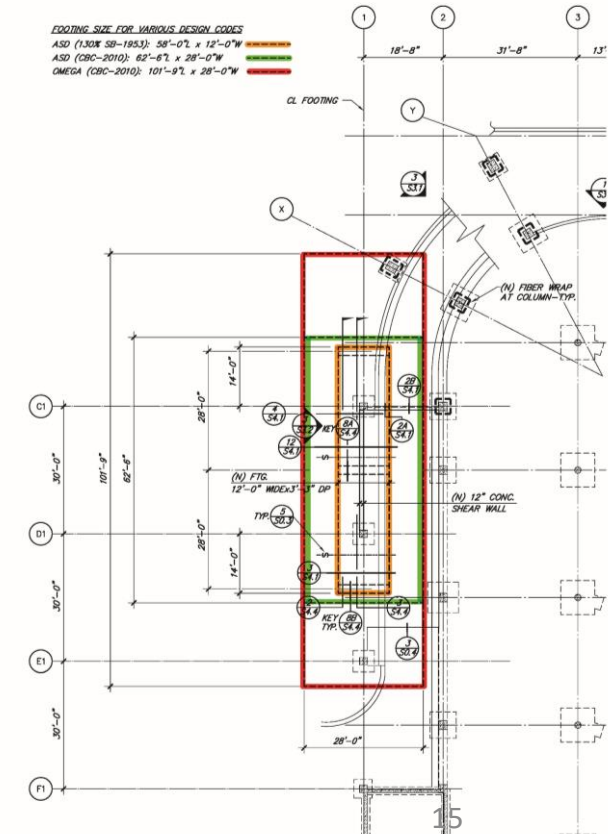
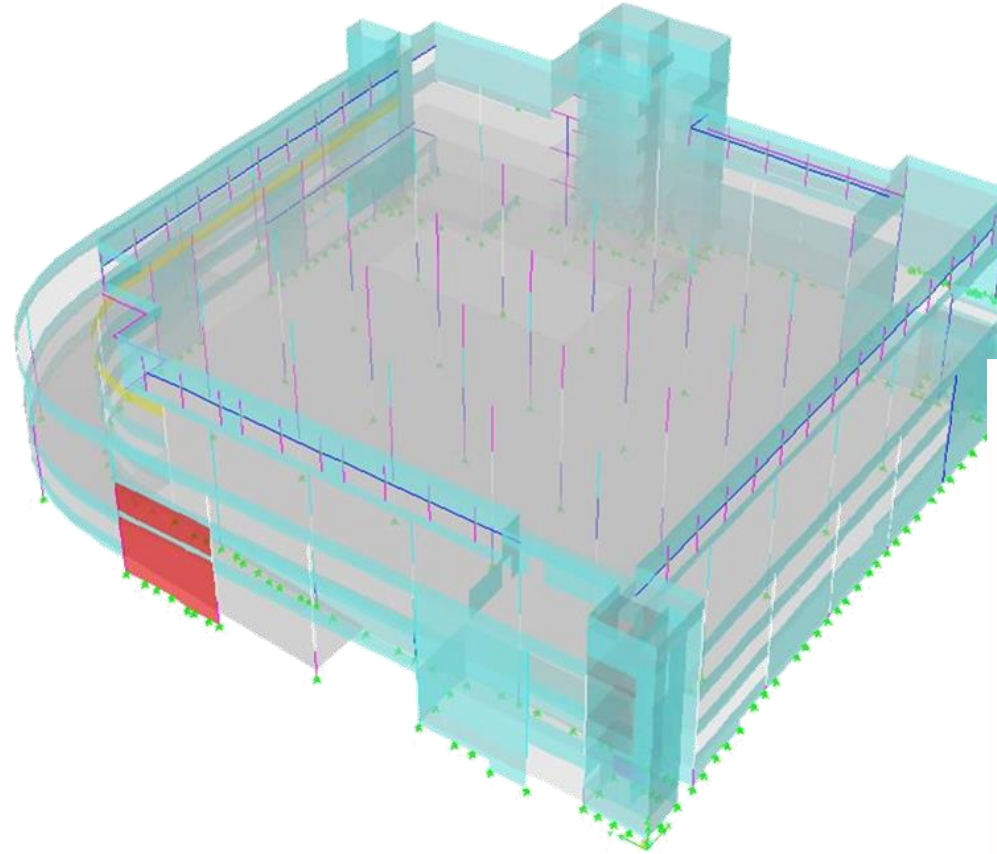


**Pavilion**

**Tower**

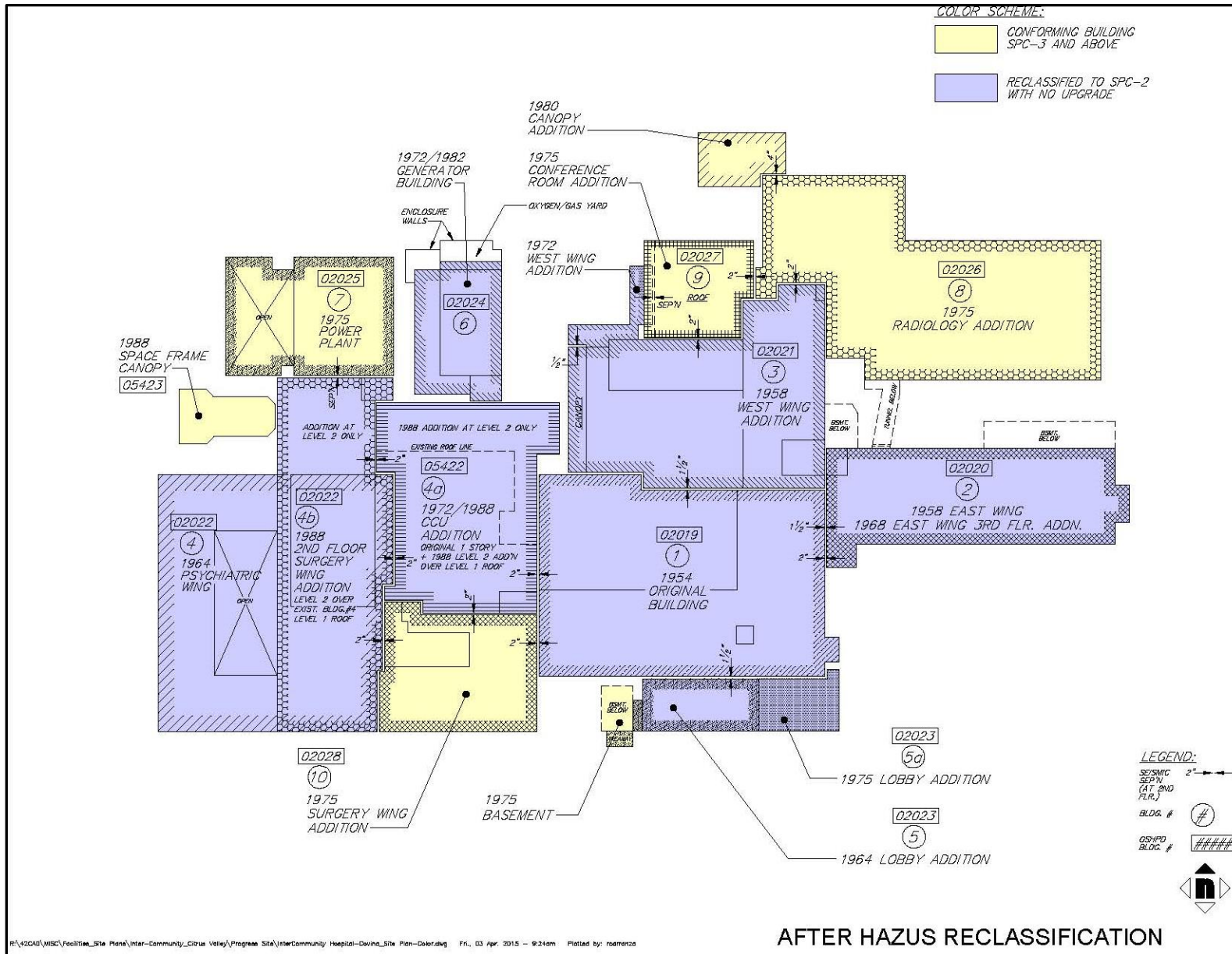
# VI: Adventist Health Glendale

- New shear wall was needed to mitigate Torsion.
- Building Code required designing new wall & its footing per current code, which would have needed 120' long footing.
- We submitted an AMC to design footings for much smaller forces.
- “Structural” upgrade cost was less than \$4.50/SF (2012 \$s).





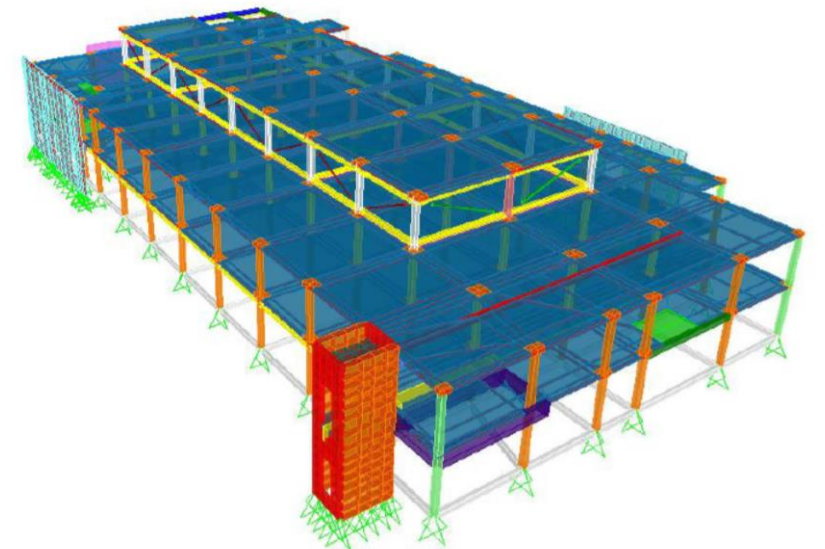
# VII: Emanate Health – Intercommunity Campus



- Emanate was originally advised that SPC-1 buildings could not be saved.
- Owner had started preparing for replacement of existing buildings with new buildings
- We reclassified ALL 7 SPC-1 buildings to SPC-2 with zero upgrade.

# VIII: Providence Cedars-Sinai Tarzana MC

- Ancillary Building retrofitted from SPC-1 to SPC-4D.
- Installed new SFRS outside building's footprint to minimize disruption inside the operational hospital building.
- Short HCAI review schedule.
- Addressed constructability issues in parallel with SPC-4D retrofit design.
- Already reclassified to SPC-4D.



# Benefits of Acting NOW

1. As per geologists, SoCal is long overdue for a big quake.
2. Compliance deadlines might get pushed, but they won't disappear.
3. AB-1882 requires owners to post a sign in the lobby that hospital is non-compliant. This would frighten staff and drive customers/patients away.
4. "Design" costs are a fraction of upgrade construction costs.
5. Once HCAI approves the projects, retrofit construction can be phased.
6. Future code changes cannot be applied retroactively.
7. Construction costs escalate. Sooner you start, lesser the escalation.
8. Save on earthquake insurance premiums for compliant buildings.
9. It would become harder, if not impossible, to find qualified GCs to do the work closer to the deadline. Also, they would charge a premium.



# Presenters

1. **Balram Gupta, Ph.D., S.E. / Senior Principal  
Healthcare Market Leader – West Coast  
Walter P Moore  
bgupta@walterpmoore.com  
(818) 723-7085 Cell  
(213) 694-4796 Direct**
  
2. **Farrell Johnson, Seismic Consultant  
President, HRM-Healthcare Resource Management  
[hrm\\_advisor@yahoo.com](mailto:hrm_advisor@yahoo.com)  
(951) 377-6279 Cell**